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Report of the Department of Health

of

MONTREAL, P.Q., (Canada)

Year 1935

By DOCTOR S. BOUCHER,
D.P.H., LL.D., F.A.P.H.A., F.R. San. I. (E.)
DIRECTOR.

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Report of the Department of Health

of

MONTREAL, P.Q., (Canada)

Year 1935

By DOCTOR S. BOUCHER,
D.P.H., LL.D., F.A.P.H.A., F.R. San. I. (E.)
DIRECTOR.

CITY OF MONTREAL

MAYOR :

His Worship CAMILLIEN HOUDE, C.B.E.

EXECUTIVE COMMITTEE :

Alderman J. M. SAVIGNAC, President.
Aldermen W. S. WELDON, H. DUPUIS, Z. H. LESAGE, M.D., O. TAILLEFER, Members.

HEALTH COMMISSION :

Alderman J. M. SAVIGNAC, President.
Aldermen Z. H. LESAGE, M.D., L. TREPANIER, Dr. A. L'ARCHEVEQUE, and Dr. S. BOUCHER, D.P.H., Dr. E. G. ASSELIN, Dr. A. GRANT FLEMING, Dr. FRANK G. PEDLEY, Dr. B. G. BOURGEOIS, members.

HEALTH DEPARTMENT :

Dr. S. BOUCHER, D.P.H., LL.D., F.A.P.H.A.—F.R. San. I. (E)—director,
L. de G. SYLVESTRE, Secretary.

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STAFF OF THE DEPARTMENT OF HEALTH.

DIRECTOR'S OFFICE :

Dr. S. BOUCHER, Director.
Mr. L. de G. SYLVESTRE, Secretary.
Mr. LEO DeLONGCHAMPS, Archivist.
Mr. GEORGES ROCHON, Accountant.
Miss H. SAINT-CYR, Senior stenographer clerk.
Mr. A. FOURNIER, Senior clerk.
1 Messenger.

DIVISION OF CONTAGIOUS DISEASES :

Dr. J. H. GERVAIS, D.P.H., superintendent.
1 Senior clerk.
3 Junior typists.
2 Clerks.
4 Epidemiologists.
1 Nurse (supervisor).
9 Nurses (one acting as temporary superintendent of Smallpox hospital).
2 Nurses (temporary).
4 Disinfectors.
1 Janitor (Smallpox hospital).
1 Cook (Smallpox hospital).

DIVISION OF CHILD HYGIENE :

Dr. Ad. GROULX, C.P.H., Superintendent.
1 Senior stenographer clerk.
5 Junior clerks.
1 Messenger.
Dr. C. A. BOURDON, C.P.H., Chief inspector for medical inspection of schools.
1 Medical Inspector (supervisor).
21 Medical inspectors of schools.
6 Dental inspectors of schools.
1 Head nurse.
5 Nurses supervisors.
94 Visiting school nurses.
2 Nurses inspecting boarding houses for children.
3 Nurses (temporary) in baby clinics.
5 Assistant-nurses.
4 Psychiatrists.
4 Nurses (psychologists).
2 Nurses — Test of hearing.

LAURIER CLINICS :

1 Stationary engineer.
1 Typist clerk.

DIVISION OF SANITATION :

Mr. Aimé COUSINEAU, C.E., Sanitary engineer and superintendent.
1 Secretary.
2 Clerks.
2 Typist clerks.
1 Supervisor of plumbing inspectors.
8 Plumbing inspectors.
1 Inspector of gas connections and appliances.
1 Supervisor of sanitary inspectors.
17 Sanitary inspectors (one for inspection of boarding houses for children, private maternities, etc.).
2 Laundries inspectors.
2 Inspectors for barber shops, etc.

DIVISION OF FOOD INSPECTION :

Dr. A. J. G. HOOD, D.V.M., Superintendent.

SECTION No. 1. — Milk inspection :

1 Supervisor.
2 Typist clerks.
10 Country inspectors.
7 City inspectors.

Pasteurization inspection :

1 Supervisor.
7 Inspectors.

SECTION No. 2. — Meat inspection :

1 Supervisor.
1 Clerk.
1 Typist clerk.
1 Inspector of abattoirs in suburbs, and ice.
7 District inspectors.
7 Veterinary surgeons, meat inspection stations.
1 Asst.-inspector, meat inspection stations.
1 Inspector, private abattoirs.

SECTION No. 3. — Inspection of dining-rooms, restaurants, etc. :

1 Supervisor.
1 Clerk.
1 Typist clerk.
7 Inspectors.

SECTION No. 4. — Inspection of bakeries :

1 Supervisor.
1 Inspector.

DIVISION OF MEDICAL CONTROL :

Dr. J. A. BRIEN, Superintendent.
4 Visiting physicians.
2 Clerks.

DIVISION OF LABORATORIES :

Dr. A. BOLDUC, Superintendent and bacteriologist.
Dr. R. BERARD, Bacteriologist.
Dr. F. Dussault, Asst.-bacteriologist.
Mr. E. GIGUERE, Chemist.
2 Asst.-analysts.
1 Technician.
2 Laboratory helpers.
1 Junior typist clerk.

DIVISION OF STATISTICS :

Dr. Eug. GAGNON, Superintendent.
Dr. J. A. LABROSSE, Statistician.
3 Clerks.
2 Typist clerks.

DIVISION OF MUNICIPAL ASSISTANCE :

Mr. A. CHEVALIER, Superintendent.
Mr. C. J. GAUTHIER, Asst.-superintendent.
1 Chief clerk.
1 Stenographer clerk.
5 Clerks.
1 Chief Investigator.
7 Investigators.
1 Clerk in charge, Social Service Exchange.
2 Clerks, Social Service Exchange.
1 Physician.
6 Investigators (temporary).
1 Typist clerk (temporary).

Mr. J. DESROCHERS, Supervisor, Meurling Refuge.
1 Senior Clerk.
2 Furnacemen.
1 Laundryman.
1 Cook.
5 Guards.

1935

CITY OF MONTRÉAL

EXECUTIVE COMMITTEE

BOARD OF HEALTH (Advising Board) 9 members

The Chairman of the Executive Committee (Ex-officio)

The Director of the Dept of Health (Ex-officio) | Two Members of the Faculty of Medicine of U. de M.

Three Members of the City Council. | Two Members of the Faculty of Medicine of McGill U.

DIRECTOR'S OFFICE

THE DIRECTOR

1 SECRETARY
1 ACCOUNTANT
1 ARCHIVIST
1 TYPIST
1 MESSENGER

SANITATION

1 SUPERINTENDENT - ENGINEER
1 SECRETARY
2 SUPERVISORS
2 CLERKS
2 TYPISTS
6 PLUMBING INSPECTORS
1 GAS PIPING INSPECTOR
23 SANITARY INSPECTORS
COMPLAINTS (7)
SANITARY RECORDS (7)
BARBER SHOPS, ETC. (2)
LAUNDRIES (2)
FUMIGATION AND SWIMMING POOLS (1)
FACTORIES (2)
SCHOOLS (11)
FILLING MATERIAL (MATTRESSES ETC.) (1)

PERSONNEL = 38

ACTIVITIES

GENERAL INSPECTION: - DWELLINGS, PUBLIC BUILDINGS, FACTORIES, ETC. SANITARY RECORDS OF DWELLINGS.
NEW BUILDINGS: - EXAMINATION OF PLANS RE. OPEN SPACES, LIGHT AND VENTILATION, INSPECTION AND TESTS OF PLUMBING AND GAS PIPING.
INVESTIGATION OF COMPLAINTS RE. CAUSES OF INSALUBRITY, CONTROL OF FUMIGATION, OF THE QUALITY OF WATER IN SWIMMING POOLS AND OF CROSS-CONNECTIONS ON WATER SUPPLY PIPES.
ENFORCEMENT OF PROVINCIAL AND MUNICIPAL BY-LAWS.

FOOD INSPECTION

1 SUPERINTENDENT
— SECTION 1 —
MILK INSPECTION
2 TYPISTS
1 SUPERVISOR OF INSPECTORS
9 DAIRY FARM INSPECTORS (9 V.S.)
7 CITY MILK INSPECTORS
1 SUPERVISOR (PASTEURIZATION)
7 PASTEURIZATION INSPECTORS

SECTION 2
MEAT INSPECTION
2 TYPISTS
1 SUPERVISOR OF INSPECTORS
15 MEAT INSPECTORS (8 V.S.) (7 LAYMEN)
1 INSPECTOR OF ABATTOIRS SHIPPING MEAT FROM THE COUNTRY.

SECTION 3
FOODSTUFFS INSPECTION
1 SUPERVISOR
2 TYPISTS
2 INSPECTORS
2 INSPECTORS (weight of bread)

STAFF 59

ACTIVITIES

a MILK INSPECTION: IN THE COUNTRY FARMS, ETC. TRANSPORTATION IN THE CITY: PASTEURIZING PLANTS, STORES, DELIVERY, ETC., COLLECTION OF SAMPLES FOR BACTERIOLOGICAL AND CHEMICAL ANALYSES.
b MEAT AND FISH INSPECTION, SHIPPER'S ABATTOIRS IN THE COUNTRY, PRIVATE ABATTOIRS, TRANSPORTATION (E.G. DEPOTS WHARVES) - INSPECTION STATIONS, PUBLIC MARKETS, BUTCHERSHOPS, GROCERY STORES, ETC., POULTRY SHOPS, REFRIGERATION WAREHOUSES, COMMISSION STORES.
c ICE INSPECTION.
d SUNDRY FOOD INSPECTION. FACTORIES BAKERIES, RESTAURANTS, HOTELS, FRUIT AND VEGETABLE STORES.
e BREAD WEIGHING INSPECTION.

CHILD HYGIENE

1 SUPERINTENDENT
1 CHIEF - INSPECTOR, 1 SUPERVISOR, HEAD NURSE.
6 SUPERVISING NURSES
7 TYPISTS
21 MEDICAL-INSPECTORS OF SCHOOLS
3 PSYCHIATRISTS (PART-TIME)
1 " (FULL-TIME)
5 DENTISTS
13 PHYSICIANS FOR CLINICS (PART-TIME)
92 VISITING NURSES
2 NURSES - TEST OF HEARING
1 PSYCHOLOGIST NURSE (SUPERVISOR)
3 " NURSES
2 VISITING NURSES (CHILDREN BOARDING HOUSES AND PRIVATE MATERNITIES)
5 NURSES - DENTAL CLINICS
5 ASSISTANT - NURSES
1 MESSENGER - CLERK.

STAFF 169

ACTIVITIES

I SCHOOL HYGIENE.
a SCHOOL MEDICAL-INSPECTION DETECTING OF CONTAGIOUS DISEASES. PHYSICAL EXAMINATION OF PUPILS. INDIVIDUAL MEDICAL RECORD AND NOTICE TO PARENTS. PSYCHOMETRIST TEST. HEARING TEST WITH THE AUDIOMETER. DENTAL EXAMINATION AND DENTAL HYGIENE CAMPAIGNS.
b MUNICIPAL DENTAL CLINICS. (CHILDREN)
II PRENATAL (INFANTILE — PRESCHOOL) HYGIENE.
PRENATAL CLINIC.
WELL-BABY AND PRESCHOOL CLINICS.
BABY CAMPS IN PUBLIC PARKS.
CHILD HYGIENE LEAGUES.
VACCINATION AGAINST SMALLPOX.
IMMUNIZATION AGAINST DIPHTHERIA (EDUCATION + METHOD). PUBLICATIONS. (SEE ALSO HOME VISITS BY NURSES.
III SUPERVISION OF: CHILDREN BOARDING HOUSES, PRIVATE HOSPITALS AND PRIVATE MATERNITIES.

CONTAGIOUS DISEASES

1 SUPERINTENDENT
4 DIAGNOSTICIANS
1 SUPERVISING - NURSE.
6 VISITING - NURSES
3 TYPISTS
3 DISINFECTORS
3 VISITING - NURSES (Temp.)

SMALLPOX HOSPITAL

1 JANITOR.
1 COOK.

STAFF 28

ACTIVITIES

a SUPERVISING AND CONTROL OF CONTAGIOUS DISEASES TO DETECT, VERIFY, REGISTER, AND CLASSIFY CASES.
b EPIDEMIOLOGICAL INVESTIGATION: COLLECTION OF SAMPLES FOR BACTERIOLOGICAL ANALYSES.
c CONTROL OF ISOLATION AND QUARANTINE.
d DISINFECTION.
e EDUCATION: BY PUBLICITY, CONFERENCES, ETC.
f DIPHTHERIA. - POLIOMYELITIS FREE DISTRIBUTION OF SERUMS AND TOXOID (DIPHTHERIA) FOR TREATMENT AND IMMUNIZATION.
g SMALLPOX: VACCINATION FREE OF CHARGE, SMALLPOX HOSPITAL.

MEDICAL CONTROL

1 SUPERINTENDENT
3 VISITING PHYSICIANS
1 VACCINATING PHYSICIAN
2 TYPISTS

STAFF: 7

ACTIVITIES

a EXAMINATION:
OF NEW EMPLOYEES: OF PERSONS PLACED IN CHARITABLE INSTITUTIONS BY THE MUNICIPAL ASSISTANCE DIVISION;
OF PERSONS EMPLOYED IN FOOD-STUFF ESTABLISHMENTS; CONTROL OF VACCINE AND VACCINATION WHEN NECESSARY;
OF THE PERSONNEL OF BARBER-SHOPS, HAIR-DRESSER PARLORS, ETC.
WHEN A CONTAGIOUS DISEASE IS SUSPECTED;
OF REFUGEES OF MEURLING REFUGE.
b CONTROL OF SICK EMPLOYEES
c VACCINATION.

LABORATORIES

1 SUPERINTENDENT
2 BACTERIOLOGISTS
1 CHEMIST
2 ANALYSTS
1 TECHNICIAN
2 LABORATORY HELPERS
1 TYPIST

STAFF: 10

ACTIVITIES

a BACTERIOLOGY, SEROLOGY: SPUTUM (TUBERCULOSIS) ETC. FALSE MEMBRANES (DIPHTHERIA) EFFUSIONS OF SEROUS MEMBRANES
PUS
SECRETIONS OF CHANCRES
BLOOD (TYPHOID, ETC.)
CEPHALO-RACHIDIAN LIQUID
STOOLS
URINE
PREPARATION OF ANTIGENOUS VACCINE.
MILK
WATER
FOOD-STUFF
b CHEMISTRY:
STOOLS
URINE
FOOD-STUFF
PRESERVATIVES
MILK
WATER
LIGHTING-GAS
NARCOTICS.

STATISTICS

1 SUPERINTENDENT
1 STATISTICIAN
3 CLERKS
2 TYPISTS

STAFF: 7

ACTIVITIES

a POPULATION: ESTIMATE BETWEEN FEDERAL CENSUSES.
b BIRTHS:
ANNUAL COMPILATION
REGISTRATION
CLASSIFICATION: SEXES, AGES, RELIGION, LEGITIMATES, ILLEGITIMATES, ETC.
c MARRIAGES:
ANNUAL COMPILATION
d DEATHS:
VERIFICATION OF CERTIFICATES AND CAUSES OF DEATHS.
BURIAL PERMITS.
TRANSPORTATION PERMITS
CLASSIFICATION (CAUSES, AGES, CIVIL STATUS, NATIONALITY)
REPORTING TO THE CORONER OF SUDDEN AND ACCIDENTAL DEATHS, ETC.
e PREPARATION OF REPORTS AND TABULATION.

LAW DIVISION

1 SUPERINTENDENT
1 CLERK STENOGRAPHER

STAFF 2

ACTIVITIES

ADVISER OF THE PERSONNEL IN THE INTERPRETATION OF HEALTH AND PUBLIC ASSISTANCE LAWS AND BY-LAWS.
PROCEEDINGS IN CASES OF INFRINGEMENTS OF A BY-LAW OR A LAW.
ATTORNEY FOR THE DEPARTMENT BEFORE THE COURTS.
DRAWING UP OF DRAFTS OF BY-LAWS AND OF AMENDMENTS TO EXISTING BY-LAWS.

MUNICIPAL ASSISTANCE

1 SUPERINTENDENT
1 ASSISTANT - SUPERINTENDENT
1 PHYSICIAN
1 CHIEF CLERK
6 CLERKS
1 STENOGRAPHER CLERK
1 CHIEF INVESTIGATOR
7 INVESTIGATORS
3 CLERKS - SOCIAL SERVICE EXCHANGE.

MEURLING REFUGE:

ACTIVITIES

ASSISTANCE TO:

a NEGLECTED CHILDREN
b INSANE
c INDIGENTS
d INCURABLES
e TUBERCULOUS
f STREET VENDORS
g MENDICANTS
h JUVENILE DELINQUENTS
BURIAL OF POORS
DEPORTATION
REPATRIATION
BY-LAW CONCERNING PUBLIC COLLECTIONS, TAG-DAYS ETC.
QUEBEC PUBLIC CHARITIES ACT SUBSIDIES.
MEURLING MUNICIPAL REFUGE.
SOCIAL SERVICE EXCHANGE.

ANNUAL REPORT

1935

To the Chairman and

Members of the Executive Committee.

Gentlemen : —

I have the honour to submit the report of the Department of Health, for the year 1935.

I beg you to note that the fiscal year which was previously corresponding with the calendar year, now begins the 1st May of a given year to end on April 30th of the next year.

Consequently, the expenses mentioned in the following table, correspond with the new fiscal year of the City, while the balance of this report : reports of the divisions, tables, etc., continue to remain, as previously, based on the calendar year.

Expenses.

The total expenditure for 1935, in the Department of Health amounted to $3,561,314.21, distributed as follows :

Hygiene	$ 528,855.00
Municipal assistance	2,485,657.15
Hospitalization of contagious	451,802.06
Grants to Universities	20,000.00
Technical school	75,000.00

To establish the per capita expenditure, we are at the obligation to take as a basis, the expenses of the new fiscal year and the evaluation of the population for 1935; consequently, the population having been estimated to 863,000 inhabitants, we arrive at the following result :

For hygiene properly speaking $0.61 cents per capita

For municipal assistance . . . . $2.88 per capita

The following list shows the detail of expenditure during the fiscal year 1935-36 :

Hygiene.

GENERAL ADMINISTRATION EXPENSES :

Library : Books and reviews	$ 177.72	
Lectures to the public and to the staff	40.00	
Baby clinics, subsidies	8,500.00	
Collection of birth records	1,870.48	
Laurier clinic	455.05	
Health Commission . .	1,075.00	
Uniforms	5,486.61	
Convention	250.00	
Purchase and preparation of sera and diphtheria immunization	5,006.87	
Refundable to working capital	381.00	
		$ 23,242.73

DIRECTOR'S OFFICE :

Salaries	$ 13,684.82	
Employees' transportation allocation	276.50	
Supplies	121.66	
Casual	249.22	
		$ 14,332.20

SANITATION :

Salaries	$ 60,463.47	
Employees' transportation allocation	3,571.44	
Supplies for plumbing tests, etc.	94.06	
Supplies for plumbers' examinations	24.03	
Fees : Plumbers' examiners	400.00	
Supplies.	196.97	
Casual	250.00	
Scholarship	600.00	
		$ 65,599.97

CONTAGIOUS DISEASES :

Salaries	$ 36,387.09	
Employees' transportation allocation	2,555.75	
Disinfectants	124.26	
Supplies.	345.49	
Vaccine	1,600.00	
Maintenance of smallpox hospital.	541.62	
Stamped envelopes . .	154.80	
Casual	250.00	
		$ 41,959.01

CHILD HYGIENE :

Salaries	$ 209,315.14	
Employees' transportation allocation	1,867.00	
Municipal baby clinics and maternal clinics	15,904.42	
Baby camps	192.10	
Supplies	2,446.96	
Stamped envelopes	596.00	
Measuring scales	181.26	
Scholarship	600.00	
Dental clinics	1,403.38	
Casual	199.50	
		$ 232,705.76

FOOD INSPECTION :

Salaries	$ 87,946.39	
Employees' transportation allocation	3,962.31	
Special inspections	20.28	
Supplies	600.85	
Auto service (superintendent)	176.34	
Travelling expenses (milk inspectors in the country)	12,682.73	
Rental of Butchers' stalls No. 51 and 53, Bonsecours Market	741.09	
Casual	224.00	
		$ 106,353.99

MEDICAL CONTROL :

Salaries	$ 13,282.68	
Employees' transportation allocation	374.31	
Supplies, casual, interpreter	145.46	
		$ 13,802.45

STATISTICS :		
Salaries	$ 10,925.77	
Supplies	99.63	
Casual	197.82	
Convention	46.95	
		$ 11,270.17
LABORATORIES :		
Salaries	$ 17,253.45	
Material, apparatus, instruments	749.59	
Supplies	538.52	
Milk analysis	729.55	
Purchase of typewriter	141.85	
Employees' transportation allocation	.88	
Casual	174.88	
		$ 19,588.72
Total		$ 528,855.00

Municipal Assistance.

Salaries	$ 29,131.85	
Employee's transportation allocation	1,308.75	
		$ 30,440.60
ADMINISTRATION :		
Supplies	181.74	
Casual	247.51	
		$ 429.25
SOCIAL SERVICE EXCHANGE :	196.63	
Temporary investigators	$ 7,141.34	
		$ 7,337.97
ASSISTANCE :		
Repatriation of strangers	$ 3,296.08	
Burial of poor and unknown people	10,699.90	
		$ 13,995.98

SUBSIDIES AND ALLOCATIONS TO CHARITABLE INSTITUTIONS :		
Art. 338a of the Charter	$ 64,500.00	
		$ 64,500.00
CONTRACTS AND RESOLUTIONS OF THE EXECUTIVE COMMITTEE :		
Maintenance of insane	$ 438,982.78	
Destitute children in Industrial schools . .	73,327.59	
Maintenance of children in Reform schools	51,128.17	
Juvenile Court.	6,500.00	
Hospitalization of incurables	54,206.74	
Hospitalization of tuberculous	73,200.00	
Grey Nuns (home) . .	14,640.00	
Oeuvres de Notre-Dame de la Merci (home) . .	34,312.50	
St. Luke Hospital (vagabonds, etc.)	10,980.00	
Hospice St. Henri. . . .	15,968.77	
St. Luke Hospital. . . .	50,200.00	
Jewish General Hospital.	8,333.00	

Montreal General Hospital	25,000.00	
St. Mary's Hospital	30,515.00	
Neurological Institute	15,000.00	
Hospitalization of indigents (Quebec Public Charities Act) :		
Paid to institutions	126,649.39	
Government's Account	1,298,497.55	
Cimetière de l'Est	249.33	
Purchase of new graves	2,913.60	
		$2,330,604.42

MEURLING REFUGE :

Salaries	$ 14,474.25	
Food, Maintenance, Linen	23,874.68	
		38,348.93
Total		$2,485,657.15

Demographic Movement

POPULATION.

On July 1st 1935, the population of the City of Montreal computed by the Superintendent of the Division of Statistics of the Department of Health, is evaluated to 863,000 inhabitants.

The rate of births, marriages and deaths are consequently based on that figure.

BIRTH RATE.

The number of births in 1935 amounted to 17,361; in 1934 it had been 18,433, showing therefore a decrease of 1,072 over the preceding year and 1,070 as compared to 1933.

The proportion of births per 1,000 inhabitants for 1935, based on the valuation of the population at 863,000 is 20.12, showing a decrease of 1.44 over 1934, of 3.63 over the average for the five years from 1930 to 1934 and of 5.85 compared to the average for the ten preceding years.

Table I compares the number and the rate of births for the year 1935 with the ten preceding years, taken separately and in groups of five and of ten years.

TABLE I.

BIRTHS.

Years	Population	Number of births	Proportion per 1000 inhabitants
Period 1925-1929 (5 years)			
1925	693,500	21,976	31.69
1926	713,200	21,098	29.58
1927	733,460	20,740	28.28
1928	754,300	20,307	26.92
1929	775,800	20,415	26.32
Average	734,052	20,907	28.48
Period 1930-1934 (5 years)			
1930	796,800	20,993	26.33
1931	818,577	20,699	25.29
1932	833,000	19,997	24.01
1933	847,000	18,431	21.76
1934	855,000	18,433	21.56
Average	830,075	19,711	23.75
Period 1925-1934 (10 years)			
Average	782,063	20,309	25.97
Year 1935.			
Year 1935	863,000	17,361	20.12

MARRIAGE RATE.

In 1935 there were 7,035 marriages, as against 6,536 in 1934, representing an increase of 499 over the preceding year.

The proportion per thousand of population is therefore 8.14;; it is an increase of 0.50 to the average of five years from 1930 to 1934 and below 0.15 than the average for the ten years from 1925 to 1934.

Table II compares the rate and the number of marriages in 1935 with the preceding ten years separately and in groups of five and ten years.

TABLE II.

MARRIAGES.

Years	Population	Number of marriages	Proportion per 1000 inhabitants
Period 1925-1929 (5 years)			
1925	693,500	6,102	8.80
1926	713,200	6,133	8.60
1927	733,460	6,320	8.62
1928	754,300	6,825	9.05
1929	775,800	7,332	9.45
Average	734,052	6,542	8.91
Average	734,052	6,542	8.91
Period 1930-1934 (5 years)			
1930	796,800	6,643	8.34
1931	818,577	6,196	7.57
1932	833,000	5,780	6.93
1933	847,000	5,964	7.04
1934	855,000	6,536	7.64
Average	830,075	6,224	7.74
Period 1925-1934 (10 years)			
Average	782,063	6,483	8.29
Year 1935.			
Year 1935	863,000	7,035	8.14

DEATH RATE.

The number of deaths in 1935 rose to 9,162, as against 8,955 in 1934, showing in consequence an increase of 207 deaths.

The proportion compared to the population is 10.62 per thousand, as against 10.47 in 1934, or an increase of 0.15 per thousand.

The 1935 death rate is 0.90 below the average for the five years from 1930 to 1934. It is 1.98 below the average of the ten preceding years.

Table III shows a statement of the mortality since 1925 for each year separately and by groups of five and ten years.

TABLE III.

DEATHS.

Years	Population	Number of deaths	Proportion per 1000 inhabitants
Period 1925-1930 (5 years)			
1925	693,500	9,549	13.77
1926	713,200	9,660	13.54
1927	733,460	9,991	13.63
1928	754,300	10,961	14.53
1929	775,800	10,604	13.67
Average	734,052	10,158	13.83
Period 1930-1934 (5 years)			
1930	796,800	10,256	12.87
1931	818,577	9,886	12.08
1932	833,000	9,728	11.68
1933	847,000	8,975	10.60
1934	855,000	8,955	10.47
Average	830,075	9,560	11.52
Period 1925-1934 (10 years)			
Average	782,063	9,856	12.60
Year 1935.			
Year 1935	863,000	9,162	10.62

NATURAL INCREASE OF THE POPULATION.

The natural increase of the population is represented by the surplus of births over deaths.

In 1935 the excess of births over deaths was 9,162, while the average for the ten years from 1925 to 1934 was 9,856 or a decrease of 694.

The natural increase of the population shows for the year 1935 a rate of 9.5 per thousand of population.

TABLE IV.

NATURAL INCREASE OF THE POPULATION.

Years	Births	Deaths	Excess of births over deaths
1925-1929 (5 years) . .	104,535	50,765	53,770
1930-1934 (5 years) . .	98,555	47,800	50,755
Average (10 years) . .	20,309	9,856	10,453
Year 1935	17,361	9,162	8,199

INFANT MORTALITY.

The registered number of deaths in 1935 of children under one year is 1,602 as against 1,674 in 1934, showing therefore a decrease of 72.

The proportion per 1,000 births is 92.2 in 1935, as against 90.8 in 1934, representing an increase of 1.4 per thousand.

If the proportion of deaths had been as high as the average rate of the past ten years, 424 more deaths would have been recorded.

Table V indicates the variations in infant mortality since 1925 for each year separately and in groups of five and of ten years.

TABLE V.

DEATHS FROM 0 TO 1 YEAR PER 1,000 BIRTHS.

(Still-born not included)

Years	Births	Deaths under one year	Proportion per 1,000 births
Period 1925-1929 (5 years)			
1925	21,976	2,690	122.4
1926	21,098	2,521	119.5
1927	20,740	2,424	116.9
1928	20,307	2,929	143.7
1929	20,415	2,701	132.3
Average	20,907	2,653	126.9
Period 1930-1934 (5 years)			
1930	20,993	2,620	124.8
1931	20,699	2,345	113.3
1932	19,997	1,979	98.9
1933	18,431	1,817	98.6
1934	18,433	1,674	90.8
Average	19,711	2,087	105.9
Period 1925-1934 (10 years)			
Average	20,309	2,370	116.7
Year 1935			
Year 1935	17,361	1,602	92.2

DEATHS FROM 0 TO 1 YEAR PER 1,000 BIRTHS, BY PERIOD OF TEN YEARS.

Table VI shows the average of deaths from 0 to 1 year, in periods of ten years since 1907 to 1934 and the mortality for the year 1935.

This table is certainly the one showing most obviously the constant decrease occurring in infant mortality.

Indeed, its perusal shows that for each period of ten years there has been a constant decrease from 1907 to 1935; it may perhaps be slight from one period to another, but the particularly interesting feature is that it has been constant and regular, the average of decrease being, for these 18 periods, of 5.8 per thousand births.

TABLE VI.

DEATHS FROM 0 TO 1 YEAR PER 1,000 BIRTHS, AND BY PERIODS OF TEN YEARS.

Years	Rate	Decrease
1907-1916	221.2	
1908-1917	214.2	7.0
1909-1918	208.3	5.9
1910-1919	201.1	7.2
1911-1920	196.9	4.2
1912-1921	188.2	8.7
1913-1922	183.4	4.8
1914-1923	176.7	6.7
1915-1924	171.7	5.0
1916-1925	165.1	6.6
1917-1926	158.6	6.5
1918-1927	153.0	5.6
1919-1928	148.2	4.8
1920-1929	143.7	4.5
1921-1930	137.0	6.7
1922-1931	132.7	4.3
1923-1932	126.4	6.3
1924-1933	121.9	4.5
1925-1934	116.7	5.2
1935	92.2	

INFANT DIARRHOEA.

Table VII shows a statement of infant mortality from diarrhoea during the last ten years, of children from 0 to 1 year, as well as in periods of five years from 1925, and the averages for the five years and ten years periods.

The percentage of deaths from diarrhoea is 18.8 per thousand, in 1935, while the average for the ten years from 1925 to 1934 is 32.4, or a decrease of 13.6 in favour of the year 1935.

TABLE VII.

DEATHS FROM DIARRHOEA, FROM 0 TO 1 YEAR.

Years	Total of deaths 0 to 1 year	Deaths by diarrhoea 0 to 1 year	Percentage of deaths by diarrhoea
Period 1925-1929 (5 years)			
1925	2,690	1,014	37.7
1926	2,521	817	32.4
1927	2,424	799	32.0
1928	2,919	971	33.3
1929	2,701	865	32.0
Average	2,651	893	33.7
Period 1930-1934 (5 years)			
1930	2,620	877	33.5
1931	2,345	817	34.8
1932	1,979	614	31.0
1933	1,817	487	26.8
1934	1,674	428	25.6
Average	2,087	645	30.9
Period 1925-1934 (10 years)			
Average	2,369	769	32.4
Year 1935			
Average	1,602	301	18.8

DEATHS FORM DIARRHOEA, FROM 0 TO 2 YEARS.

Table VIII indicates the mortality from diarrhoea of children from 0 to 2 years. The percentage of deaths from these diseases in 1935 is 17.6 against 24.5 in 1934, which shows a decrease of 6.9 per cent; the average for the ten preceding years from 1925 to 1934 is 30.5; 1935 indicates a decrease of 12.9 compared to this average.

TABLE VIII.

DEATHS FROM DIARRHOEA, FROM 0 TO 2 YEARS.

Years	Total of deaths 0 to 2 years	Deaths by diarrhoea 0 to 2 years	Percentage of deaths by diarrhoea
Period 1925-1929 (5 years)			
1925	3,202	1,098	34.3
1926	2,952	877	29.7
1927	2,846	870	30.6
1928	3,434	1,061	30.9
1929	3,165	958	30.3
Average	3,120	973	31.2
Period 1930-1934 (5 years)			
1930	2,985	966	32.4
1931	2,676	877	32.8
1932	2,267	664	29.3
1933	2,022	516	25.5
1934	1,893	463	24.5
Average	2,369	697	29.4
Period 1925-1934 (10 years)			
Average	2,744	835	30.5
Year 1935			
Average	1,883	331	17.6

PERCENTAGE OF DEATHS 0 TO 1 YEAR, COMPARED WITH THE TOTAL OF DEATHS.

Table IX indicates the proportion of deaths from 0 to 1 year compared to the total of deaths.

The proportion of deaths from 0 to 1 year compared to the total of deaths was 17.48 in 1935; it is a decrease of 1.22 per cent over the year 1934 and of 4.35 per cent from the average for the five years from 1930 to 1934.

TABLE IX.

PERCENTAGE OF DEATHS 0 TO 1 YEAR, COMPARED WITH THE TOTAL OF DEATHS.

Years	Total deaths	Deaths from 0 to 1 year	Percentage
Period 1925-1929 (5 years)			
1925	9,549	2,690	28.17
1926	9,660	2,521	26.10
1927	9,991	2,424	24.26
1928	10,961	2,919	26.63
1929	10,604	2,701	25.47
Average	10,153	2,653	26.13
Period 1930-1934 (5 years)			
1930	10,256	2,620	25.54
1931	9,886	2,345	23.72
1932	9,728	1,979	20.34
1933	8,975	1,817	20.25
1934	8,955	1,674	18.70
Average	9,560	2,087	21.83
Period 1925-1934 (10 years)			
Average	9,856	2,370	24.05
Year 1935			
Year 1935	9,162	1,602	17.48

PERCENTAGE BY GROUPS OF AGES OF DEATHS UNDER 1 YEAR, COMPARED TO THE TOTAL OF DEATHS FROM 0 TO 1 YEAR.

Table X allows to compare the percentage, by groups of ages, of deaths under one year with the total of deaths from 0 to 1 year, since the year 1930.

This table shows, besides, the average for the five years 1930 to 1934, and the percentage for 1935.

TABLE X.

PERCENTAGE BY GROUPS OF AGES OF DEATHS UNDER 1 YEAR, COMPARED TO THE TOTAL OF DEATHS FROM 0 TO 1 YEAR.

Age	1930	1931	1932	1933	1934	Average 5 years	1935
Under 24 hours	14.7	12.8	14.5	19.1	20.6	16.3	17.0
1 day to 1 week	11.3	13.2	12.7	12.6	13.3	12.6	13.9
1 week to 1 month .. .	14.7	14.0	14.5	11.6	12.9	13.5	10.5
1 to 3 months	20.6	21.0	20.5	22.1	16.9	20.2	18.8
3 to 6 months	18.3	18.9	18.2	17.1	15.8	17.7	17.2
6 to 9 months	11.6	11.9	11.4	9.6	11.8	11.3	13.3
9 to 12 months	8.8	8.2	8.2	7.9	8.7	8.4	9.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE OF DEATHS FROM CERTAIN CAUSES, COMPARED WITH THE TOTAL OF DEATHS FROM 0 TO 1 YEAR.

Table XI indicates the percentage of deaths from certain causes, compared to the total of deaths from 0 to 1 year.

It will be noted that diarrhoeal diseases show a decrease of 11.55%, as compared to the average of the five years 1930 to 1934 and that they still cause, with premature births, the highest number of deaths from 0 to 1 year.

TABLE XI.

PERCENTAGE OF DEATHS FROM CERTAIN CAUSES, COMPARED WITH THE TOTAL OF DEATHS FROM 0 TO 1 YEAR.

Causes of deaths ..	1930	1931	1932	1933	1934	Average 5 years	1935
Pneumonia	3.09	2.39	2.53	3.08	2.09	2.64	1.69
Broncho pneumonia .	8.78	10.28	9.75	9.96	11.71	10.09	15.54
Dis. of the stomach ..	0.31	0.77	0.51	0.33	0.12	0.41	0.19
Diarrhoea and enteritis	33.47	34.84	31.03	26.80	25.57	30.34	18.79
Malformation	4.66	5.41	7.13	8.15	6.87	6.44	8.93
Premature births .. .	17.25	18.08	17.19	18.93	22.34	18.88	19.73
Congenital debility ..	14.20	13.05	12.88	15.63	15.83	14.32	13.72
Meningitis (simple) . .	2.25	1.15	1.31	0.72	0.84	1.25	0.62
Syphilis	2.44	1.79	2.63	2.81	1.79	2.29	2.81
Contagious diseases .	6.22	4.99	8.13	6.88	7.11	6.67	9.55
Others	7.33	7.25	6.31	6.71	5.73	6.67	8.43
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00

CASES REPORTED AND DEATHS FROM CERTAIN CONTAGIOUS DISEASES.

Table XII shows the number of cases reported and of deaths from certain contagious diseases, from 1925 to 1929 and from 1930 to 1934, the average of these two periods of five years, as well as the average for ten years and comparative figures for the year 1935.

TABLE XII.

CASES REPORTED AND DEATHS FROM CERTAIN CONTAGIOUS DISEASES.

Period 1925-1929 (5 years)

Years		Diphtheria	Scarlet fever	Measles	Whooping cough	Erysipelas	Chicken-pox	Smallpox	Typhoid fever
1925	Cases	788	2371	3438	620	164	896	—	140
	Deaths	100	58	59	93	21	1	—	52
1926	Cases	1219	2119	1302	718	164	792	—	105
	Deaths	139	48	27	129	31	1	—	34
1927	Cases	1826	2006	2607	749	166	662	10	5132 (1)
	Deaths	219	38	47	106	42	3	—	553 (1)
1928	Cases	1632	2291	4347	275	201	1246	108	173
	Deaths	157	39	65	37	35	9	—	39
1929	Cases	1254	3135	2471	1993	223	1835	40	98
	Deaths	115	65	26	88	26	3	—	27
Average (5 years)	Cases	1344	2384	2833	871	184	1086	32	129 (2)
	Deaths	146	49	45	91	31	3	—	38 (2)

Period 1930-1934 (5 years)

1930	Cases	930	2364	2077	2014	206	2723	5	196
	Deaths	83	41	21	76	35	2	—	40
1931	Cases	706	1730	7333	964	170	2501	—	129
	Deaths	71	20	30	29	20	5	—	34
1932	Cases	607	1840	3655	2219	216	2070	—	166
	Deaths	53	24	47	91	27	1	—	37
1933	Cases	297	1300	472	3271	183	4135	—	117
	Deaths	18	26	2	71	32	4	—	31
1934	Cases	244	2114	5132	4250	173	3657	0	98
	Deaths	30	38	34	94	31	3	—	17
Average (5 years)	Cases	557	1870	3734	2544	189	3017	1	141
	Deaths	51	30	27	59	29	3	—	32

Period 1925-1934 (10 years)

Average (10 years)	Cases	950	2127	3283	1707	186	2051	17	135
	Deaths	99	39	36	75	30	3	—	35

Year 1935

Year 1935	Cases	183	3363	8791	1515	177	4102	—	113
	Deaths	21	48	54	87	17	2	—	24

(1) Epidemic, not included in the average. (2) Average for 4 years.

YEAR 1935 — DEATHS FROM 0 TO 1 YEAR.

Table XIII indicates that deaths of nurslings
1° Amongst babies of 1 to 3 months and of 3 to
2° During the months of : (a) March; (b) April;

TABLE

Month		Under 24 hours		1 day to 1 week		1 week to 1 month	
		Sex	Total	Sex	Total	Sex	Total
January	M	15		16		7	
	F	13	28	8	24	7	14
February	M	17		9		7	
	F	13	30	12	21	5	12
March	M	18		10		15	
	F	19	37	6	16	11	26
April	M	12		16		19	
	F	14	26	10	26	6	25
May	M	12		14		7	
	F	13	25	8	22	7	14
June	M	11		14		6	
	F	11	22	5	19	6	12
July	M	9		8		5	
	F	6	15	4	12	6	11
August	M	8		7		5	
	F	10	18	5	12	4	9
September	M	10		9		3	
	F	9	19	10	19	2	5
October	M	10		10		1	
	F	7	17	12	22	5	6
November	M	8		5		16	
	F	5	13	7	12	7	23
December	M	15		8		6	
	F	8	23	9	17	6	12
Total	M	145		126		97	
	F	128	273	96	222	72	169
Average		22.8		18.3		14.0	
Per cent		17.0%		13.9%		10.5%	

– Classified by months, sex and age categories.

ave been more numerous :
months and those under 24 hours;
c) May; (d) February.

III.

1 to 3 months		3 to 6 months		6 to 9 months		9 to 12 months		TOTAL	
Sex	Total	Sex	Total	Sex	Total	Sex	Total	Sex	Total
12 7	19	5 8	13	7 4	11	10 5	15	72 52	124
12 7	19	11 9	20	12 11	23	12 10	22	80 67	147
23 10	33	21 12	33	20 7	27	14 6	20	121 71	192
17 17	34	18 12	30	22 13	35	6 9	15	110 81	191
19 9	28	28 9	37	14 10	24	13 8	21	107 64	171
8 10	18	8 12	20	5 6	11	6 1	7	58 51	109
14 6	20	11 4	15	9 3	12	4 3	7	60 32	92
13 11	24	12 15	27	9 10	19	7 6	13	61 61	122
16 13	29	18 12	30	10 8	18	5 1	6	71 55	126
18 13	31	11 11	22	4 8	12	— 1	1	54 57	111
13 13	26	9 6	15	6 3	9	7 5	12	64 46	110
9 11	20	8 6	14	8 4	12	4 5	9	58 49	107
174 127	301	160 116	276	126 87	213	88 60	148	916 686	1602
25.0		23.0		18.0		12.3		133.5	
18.8%		17.2%		13.3%		9.3%		100.0%	

A FEW PRINCIPAL CAUSES OF GENERAL MORTALITY.

Table XIV shows the number of deaths from certain principal causes, from 1925 to 1929, the average for these five years, the number of deaths for 1930 to 1934 from the same causes and the average for these five years. It shows besides, the averages of deaths from the same causes, for the 10 years 1925-1934, and deaths during the year 1935.

TABLE XIV.

A FEW PRINCIPAL CAUSES OF GENERAL MORTALITY.

Deaths from 1925 to 1935.

Years	Cancer	Bright's disease	Organic diseases of the heart	Broncho-Pneumonia	Pneumonia
Period 1925-1929 (5 years)					
1925	605	676	719	482	583
1926	609	738	727	507	454
1927	601	762	821	431	351
1928	641	674	867	666	500
1929	749	794	1204	465	346
Average ..	641	729	868	510	447
Period 1930-1934 (5 years)					
1930	806	664	1235	540	500
1931	808	741	1322	452	328
1932	823	889	1326	411	360
1933	931	787	1362	339	305
1934	907	851	1435	354	253
Average ..	855	786	1336	419	349
Period 1925-1934 (10 years)					
Average ..	748	753	1102	465	398
Year 1935					
Year 1935..	995	916	1410	401	278

PROPORTION OF DEATHS FROM DISEASES MENTIONED IN TABLE XIV COMPARED TO THE TOTAL OF DEATHS.

Table XV shows the proportion of deaths in periods of 5 years, the average for the five years from 1925 to 1929

and from 1930 to 1934, and the average for the ten years from 1925 to 1934, from the diseases mentioned in Table XIV, compared to the total of deaths, and deaths from the same diseases for the year 1935.

This table indicates for 1935 compared to 1934, an increase of 0.7% in the proportion of deaths from cancer, an increase of 0.5% in deaths from Bright's disease and a decrease of 0.6% in deaths from organic diseases of the heart.

There was an increase of 0.5% in the proportion of deaths from pneumonia and 0.4% in the proportion of deaths from broncho-pneumonia.

TABLE XV.

PROPORTION OF DEATHS FROM DISEASES MENTIONED IN TABLE XIV COMPARED TO THE TOTAL OF DEATHS.

Years	Total of deaths	Cancer	Bright's disease	Organic diseases of the heart	Broncho-pneumonia	Pneumonia
Period 1925-1929 (5 years)						
1925	9,549	6.3%	7.1%	7.5%	5.0%	6.1%
1926	9,660	6.3%	7.6%	7.5%	5.2%	4.7%
1927	9,991	6.0%	7.6%	8.2%	4.3%	3.5%
1928	10,961	5.8%	6.1%	7.9%	6.1%	4.6%
1929	10,604	7.0%	7.5%	11.3%	4.4%	3.3%
Average ..	10,153	6.3%	7.2%	8.5%	5.0%	4.4%
Period 1930-1934 (5 years)						
1930	10,256	7.9%	6.5%	12.0%	4.3%	3.4%
1931	9,886	8.2%	7.5%	13.5%	4.6%	3.3%
1932	9,728	8.5%	9.1%	13.6%	4.2%	3.7%
1933	8,975	10.7%	8.8%	15.2%	3.8%	3.4%
1934	8,955	10.1%	9.5%	16.0%	3.9%	2.8%
Average ..	9,560	8.9%	8.2%	14.0%	4.4%	3.7%
Period 1925-1934 (10 years)						
Average ..	9,856	7.6%	7.6%	11.2%	4.7%	4.0%
Year 1935						
Year 1935	9,162	10.8%	10.0%	15.4%	4.3%	3.3%

DEATHS PER 100,000 POPULATION, FROM DISEASES MENTIONED IN TABLE XIV FROM 1925 TO 1935.

Table XVI indicates the proportion of deaths per 100,000 population, from diseases mentioned in Table XIV for the years 1925 to 1935 in periods of 5 years, the average for five years, from 1925 to 1929 and from 1930 to 1934, the average for ten years from 1925 to 1934, as well as the average of deaths for the year 1935.

A study of this table shows that in 1935 the proportion of deaths from cancer has increased 9.2, compared to 1934; it is 28.0 higher than the average for the five years 1925-1929, 12.3 higher than the average for the five years 1930-1934 and 19.6 higher than the average for the ten years 1925-1934.

Consequently, the death rate from cancer is constantly increasing and corresponds with the observations gathered in a great number of countries.

Deaths from Bright's disease which were 851 in 1934 were 916 in 1935, an increase of 65. If we consider these deaths in relation with the population, we arrive at an average of 99.3 per 100,000 inhabitants for the period of 1925 to 1929, an average of 94.7 for the five following years; of 96.3 for the 10 years and 106.1 for 1935.

It is therefore an increase of 6.6 for 1935 over 1934, of 6.8 for the period 1925-1929 and also an increase of 11.4 for the years 1930-1934. For the 10 years period the increase is 9.8.

Deaths from organic diseases of the heart have slightly decreased in 1935; nevertheless, since a few years they are one of highest causes of deaths.

On the other side, pneumonia is increasing to quite an extent as well as broncho pneumonia; these two diseases registered a slight increase this year, compared to 1934.

TABLE XVI.

DEATHS PER 100,000 POPULATION, FROM DISEASES MENTIONED IN TABLE XIV FROM 1925 TO 1935.

Period 1925-1929 (5 years)

Years	Population	Cancer	Bright's disease	Organic diseases of the heart	Broncho pneumonia	Pneumonia
1925	693,500	87.2	97.5	103.7	69.4	84.1
1926	713,200	85.4	103.5	101.9	71.1	63.6
1927	733,460	80.0	103.9	111.9	58.8	47.9
1928	754,300	84.9	89.3	114.9	88.3	66.3
1929	775,800	96.5	102.3	155.2	59.9	44.6
Average	734,025	87.3	99.3	118.3	67.4	6.02

Period 1930-1934 (5 years)

1930	796,800	101.2	83.3	155.0	67.8	62.7
1931	818,577	98.7	90.5	161.5	55.2	40.1
1932	833,000	98.8	106.7	159.2	49.3	43.2
1933	847,000	109.9	92.9	160.8	40.0	36.0
1934	855,000	106.1	99.5	167.8	41.4	29.6
Average	830,075	103.0	94.7	160.9	50.5	42.0

Period 1925-1934 (10 years)

Average	782,063	95.7	96.3	140.9	59.4	50.9

Year 1935

Year 1935 ..	863,000	115.3	106.1	163.4	46.5	32.2

MORTALITY FROM TUBERCULOSIS.

The number of deaths from tuberculosis, in all its forms, was 647 in 1935, having been 713 during the previous year; it shows consequently a decrease of 66 on the whole number. The proportion per 100,000 population which in 1934 was 83.4 is 74.9 for 1935 showing a

decrease of 8.5; the average of the ten preceding years which was 114.6 shows a decrease of 39.7 in favour of the current year.

Table XVII shows the number of deaths since ten years, pulmonary and other forms separately, the general total, as well as the proportion per 100,000 of population; it is divided in two parts and indicates the average of deaths in period of five years, the average for ten years and also the number of deaths for the year 1935.

TABLE XVII.

DEATHS FROM TUBERCULOSIS.

Years	Population	Pulmonary	Other forms	Total	Proportion per 100,000 inhabitants
Period 1925-1929 (5 years)					
1925	693,500	805	131	936	135.0
1926	713,200	796	158	954	133.8
1927	733,460	763	123	886	120.8
1928	754,300	801	137	938	124.4
1929	775,800	823	190	1,013	130.6
Average	734,052	798	148	946	128.9
Period 1930-1934 (5 years)					
1930	796,800	806	177	983	123.4
1931	818,577	766	121	887	108.3
1932	833,000	722	112	834	100.1
1933	847,000	670	141	811	95.8
1934	855,000	600	113	713	83.4
Average	830,075	713	133	846	109.2
Period 1925-1934 (10 years)					
Average	782,063	755	141	896	114.6
Year 1935					
Year 1935	863,000	546	101	647	74.9

COMMENTS

MILK INSPECTION.

This section of the Food Inspection division continues to improve its organization and its methods in order to ameliorate to the utmost possible the sanitary state of the milk distributed to citizens of this City; on the other hand, many producers and dealers are giving their heartiest co-operaion to the Department of Health and are making efforts to sell as wholesome a product as possible.

Amongst the good results obtained, special mention must be made of the decrease in infant mortality from diarrhoea and also of the decrease in mortality from tuberculosis, when this disease is attributable to the ingestion of milk from tuberculous cows, that is to say, when this illness presents itself under all other forms than the pulmonary form.

The following tables show these results.

DEATHS FROM DIARRHOEA, 0 TO 1 YEAR.

Years	Average per year
1924 to 1933	835
Year 1934	428

DEATHS FROM TUBERCULOSIS.

Other than pulmonary form.

Years	Average per year
1924 to 1933	146
Year 1934	113

During 1935, the proportion of pasteurized milk reached 95.31%, the remaining 4.69% was special milk (in accordance with the By-law); although this milk is submitted to the same requirements as the one generally known elsewhere as "certified milk", we would prefer it to be also pasteurized. Nevertheless, it will take some time to persuade milk dealers that it is in their interest to adopt this practice, and to overcome their opposition as well as that of a certain part of the population.

Since a few years now, all our milk is coming from tuberculin-tested herds, according to the provisions of the Federal Law concerning Epizooty; at the present time, there are 31 counties around Montreal organized in **zone free from tuberculosis** by the Federal Government and which are placed under its supervision.

The opposition to the **tuberculin test** which was first very strong has now disappeared and a great majority of farmers now favor it, recognizing it is in their own interest to have it performed amongst their herd.

Now that the pasteurization of milk and the tuberculin test do not require as much effort as previously, we have decided to continue our campaign to improve herds by giving our best attention to the suppression of cows suffering from mastitis. It is for that reason that such a campaign has been undertaken during 1935; it will be continued intensively in 1936 and in order not to surprise the milk producers and to gain their support, the following letters will be forwarded to them during the month of January (1936).

CITY OF MONTREAL.

Department of Health..

Montreal, January 15th, 1936.

Mr. .....

Dear Sir : —

Certain milk producers have in their herds some cows suffering from mastitis; sometimes they have lost 1, 2 and even 3 "quarters" from this disease, but even when none have been lost, they remain infected despite apparent cure. In this case the disease continues to be transmitted from one cow to another by many ways, and very often through the person who milks the cow or through the mechanic milker.

The milk of these cows is dangerous for consumers and specially for nurslings.

On the other hand, it is not in the interest of farmers to keep these cows because this illness reduces the quantity of milk they give, which results is a loss of money, repeated every day and because cross-infection among their other animals is almost unavoidable. In fact, this so contagious disease constitutes a burden they should be in a hurry to get rid of.

Milk coming from a herd in which only one cow suffers from mastitis is also dangerous; its sale as "Special Milk" cannot be authorized under any consideration and is prohibited by Regulations.

The Health Department urges you to continue your co-operation on behalf of Public Health and begs you to pay special attention to the observations which will be made to you by its inspectors.

Furthermore, whenever possible, in mild cases, the Health Department may grant you a delay to eliminate these cows from your herd, provided measures be taken to pasteurise properly the milk coming from these animals.

Kindly receive, with my personal regards, my best wishes for a healthy and happy New Year.

Yours truly,

S. BOUCHER,

Director, Department of Health.

This disease is rather prevailing and has spread despite our efforts, it is for this reason that we believed it was necessary to undertake this campaign to stamp it out entirely, if possible.

Milk inspectors in the country are all veterinary surgeons; they have been specially trained to make the necessary tests with reactives which permit to discover the existence of mastitis. Equipped with all the necessary instruments : reactives, test-tubes, etc., they will be in a position to make the said tests on the premises and to forward to the Laboratories samples of doubtful cases only.

The first tests will be performed with Bromo-thymol and Catalase test and if it is necessary, later on, they will also make the chlorine determination.

Cows suffering from severe mastitis shall be eliminated immediately from the herd; those suffering from a mild case shall be isolated and kept under observation, during that time their milk may be sold to consumers, provided it has been properly pasteurized.

The other necessary precautions to avoid cross-infection amongst other healthy cows will be taken : disinfection and clean-up of the stable, disinfection of utensils, different staffs for the care and milking of healthy and sick cows, etc.

By waging this campaign in a practical manner we hope to gain the co-operation of herd owners and by continuing it with vigor, we are sure to succeed in relieving them of this burden which is spreading considerably, to the great prejudice of their interest and that of the consumers.

MATERNAL MORTALITY.

Maternal mortality is increasing in spite of the progress realized by the medical science and the continued improvement of the teaching of medicine in Universities.

It must be recognized that maternity presents some dangers, but it is precisely those that could be easily avoided that are causing the largest number of fatalities.

The study of the following tables is interesting and I think I must emphasize especially the part concerning deaths caused by abortions and ectopic gestations.

MATERNAL MORTALITY — 1929-1935.

Rate per 1000 Live Births (″).

No. Int. list	CAUSES	1929	1930	1931	1932	1933	Mean 5 years	1934	1935
140–141	Abortions	0.54	0.57	0.48	0.85	0.92	0.66	0.92	1.26
142	Ectopic gestation	0.20	0.33	0.19	0.40	0.11	0.25	0.54	0.05
	Total 1st group	0.74	0.90	0.67	1.25	1.03	0.91	1.46	1.31
144	Puerperal Hemorrhage	0.44	0.72	0.63	0.70	0.98	0.69	0.60	0.57
145	Puerperal Septicemia	1.27	1.48	1.40	1.40	1.19	1.35	1.46	1.03
146–147	Albuminuria & Toxemia	0.93	0.95	0.87	1.10	1.19	1.00	0.87	1.15
148	Phlegmasia alba dolens	0.24	0.42	0.19	0.20	0.26	0.27	0.22	0.11
143, 149, 150	Others	0.54	0.72	0.58	0.30	0.32	0.50	0.65	0.74
	Total 2nd group	3.42	4.29	3.67	3.70	3.94	3.81	3.80	3.60
	GRAND TOTAL	4.16	5.19	4.34	4.95	4.97	4.72	5.26	4.91

(″) Rate for year 1935 is calculated on an estimated number of 17.500 births.

MATERNAL MORTALITY — 1929-1935.

Number of Dates.

No. Int. list	CAUSES	1929	1930	1931	1932	1933	Mean 5 years	1934	1935
140–141	Abortions	11	12	10	17	17	13.4	27	22
142	Ectopic gestation	4	7	4	8	2	5.0	10	1
	Total 1st group	15	19	14	25	19	18.4	37	23
144	Puerperal Hemorrhage	9	15	13	14	18	13.8	11	10
145	Puerperal Septicemia	26	31	29	28	22	27.2	27	18
146–147	Albuminuria & Toxemia	19	20	18	22	22	20.2	16	20
148	Phlegmasia alba dolens	5	9	4	4	5	5.4	4	2
143, 149, 150	Others	11	15	12	6	6	10.0	12	13
	Total 2nd group	70	90	76	74	73	76.6	70	63
	GRAND TOTAL	85	109	90	99	92	95.0	97	86

We cannot see without regret the very considerable increase of deaths from abortions, because it is generally recognized that the practice of self-induced abortions is increasing in an alarming way amongst expectant mothers wishing to avoid maternity, although they know the dangers to which they are voluntarily exposing themselves. It is our opinion that this is the only cause of the deaths classified under this item.

As to the second part of the table which indicates the death rate from puerperal septicaemia, by albuminuria, and other toxemiae, we are convinced it is possible to reduce it greatly, but to reach this goal it will be necessary for mothers to confide themselves to the care of a competent physician, at the beginning of their gestation.

Very often they are too neglectful regarding this question and, on the other hand, there may also be some neglect on the part of the advising physicians.

We will soon, in a letter addressed to doctors, ask their co-operation to reduce the rate of maternal mortality and recommend them to make, with the utmost care, the examination of expectant-mothers who call at their offices, to keep them under observation until the birth of the child, in order to enable them to take in due course the most efficacious measures, so that they may perform their wonderful task of motherhood, without risk.

As to the expectant mother, it will be necessary to enlighten her on the dangers to which she is exposing herself when resorting to methods intended to hinder her gestation and also to emphasize all that is blameworthy in her act; furthermore, she must be advised to see her family physician and to follow faithfully his advice in order to succeed in the task undertaken; in so doing she will gallantly fulfill the worthy mission which is devolved upon her.

MEAT INSPECTION STATIONS.

After the adoption in 1925 of By-Law No. 896, concerning the meat trade, the Department of Health organized four meat inspection stations to inspect carcasses of veals, hogs and muttons coming from abattoirs located outside of the City limits.

Built of wood, they were considered only as temporary installations. Therefore, during 1935, two of them were replaced by permanent buildings, constructed of solid materials : brick, stone and cement.

They are equipped to render the inspection as easy as possible; they are supplied with sliding doors gliding to the ceiling wall, so that the traffic of vehicles loaded with carcasses could be effected without obstruction, the entrance being situated on one side and the exit on the other.

They are also provided with a platform where the inspection is made, with rails and pullies for the easy unloading and reloading of carcasses, with a room and table for the examination of viscera, hot and cold water, the whole conveniently disposed and of easy maintenance. These new buildings constitute a marked improvement over the old ones.

These stations, being located in the vicinity of public markets, also enable the inspectors to supervise the markets, making for further economy in this section of the Food Inspection.

The carcasses inspected in these stations are from animals slaughtered in abattoirs located in various municipalities of the province of Quebec, situated outside Montreal, but shipment whereof is authorized to this City.

These abattoirs are regularly inspected by inspectors of the City; they must be well equipped, maintained in a good state of cleanliness by their proprietors to receive the

authorization to ship to Montreal carcasses of calves, muttons and hogs; furthermore any meat coming from these abattoirs must be submitted to inspection in one of the City's stations, before being offered for sale.

This inspection is made according to By-Law No. 896, concerning the meat trade, Article 13 whereof reads as follows :

ARTICLE 13. — "It shall be unlawful to receive, sell, "offer or expose for sale, ship, transport, manufacture, "store, warehouse, exchange or have in one's possession, "in the City, any beef, pork, veal, mutton or the flesh of "any other animal which does not bear a stamp or other "mark showing that it has been subjected to a municipal "inspection or to a provincial or federal inspection accept-"ed by the Health Department."

The number of carcasses inspected in the stations during 1935, was for calves of 77,550, for muttons of 17,733 and for hogs of 75,723.

These figures include the inspections made in the only private abattoir located in Montreal.

All meat coming from public abattoirs supervised by the inspectors of the Federal Government and bearing the federal stamp are exempted from the obligation of another inspection.

SCARLET FEVER.

Scarlet fever has always been considered a very serious disease, causing many fatalities and leaving, very often, permanent after-effects; generally, it is nephritis of a chronic form which renders any intercurrent disease more dangerous and in every case, shortens the life of the person suffering from this disease.

It is especially frequent in children and rare are those who can avoid it; nevertheless, children who have escaped it during their childhood, remain subject to contract it, especially during the few years that follow the adult age, that is to say, between 20 and 30 years of age. In these cases it is always more serious and very often fatal.

The tables that follow show the course and the ravages of this disease, in Montreal, each year from 1923 to 1935 and per periods of five years, from 1905 to 1935;

CITY OF MONTREAL.
DEPARTMENT OF HEALTH.
SCARLET FEVER.

1. Total number of cases, proportion of cases and deaths per 100,000 population and deaths per 100 cases. 1923 - 1935.

Years	Population	Total number of		Proportion per 100,000 population		Proportion per 100 cases
		Cases	Deaths	Cases	Deths	Deaths
1923	655,700	2035	71	310.4	10.8	3.49
1924	674,300	3037	97	450.4	14.4	3.19
1925	693,500	2371	58	341.9	8.4	2.45
1926	713,200	2119	48	297.1	6.7	2.27
1927	733,460	3006	38	273.5	5.2	1.89
1928	754,300	2291	39	303.7	5.2	1.70
1929	775,800	3135	64	404.1	8.2	2.04
1930	796,800	2364	41	296.7	5.1	1.74
1931	818,577	1730	20	211.3	2.5	1.16
1932	833,000	1840	24	220.9	2.9	1.30
1933	847,000	1300	26	153.5	3.1	2.00
1934	855,000	2114	38	247.2	4.4	1.80
1935	863,000	3363	48	389.7	5.6	1.43

CITY OF MONTREAL.

DEPARTMENT OF HEALTH.

SCARLET FEVER.

2. Yearly mean of cases and deaths per periods of five years, from 1906 to 1935, average per 100,000 population and proportion of deaths per 100,000 population.

Periods of 5 years	Average population	Annual mean of		Proportion per 100,000 population of		Proportion per 100 cases
		Cases	Deaths	Cases	Deaths	Deaths
1906–10	389,640	688	64	176.6	17.2	9.74
1911–15	493,760	1237	90	250.5	18.2	7.28
1916–20	569,580	1035	69	181.7	12.1	6.67
1921–25	655,920	2342	78	357.1	11.9	3.33
1926–30	754,720	2383	46	315.7	6.1	1.93
1931–35	843,320	2069	31	245.3	3.7	1.51

A study of these tables shows that the fluctuations as to the number of cases were rather regular and do not present any appreciable difference. As to the mortality it is quite otherwise; in fact, the proportion of deaths per 100,000 population, has greatly decreased as well as the average per 100 cases. This decrease is easily demonstrated in the first table which shows the figures, year by year, from 1923 to 1935 and it becomes absolutely obvious in the second table which shows figures per periods of five years, from 1906-1910 to 1931-1935. This last table also shows that the decrease has been constant and regular from one period to another.

As an explanation of this fact, I do not see any other reason than a less severe trend of the disease, because outside of the diffusion of the knowledge of hygiene and its precepts which are more and more practised, no public measure has been taken in Montreal to prevent this disease by immunization or to facilitate its treatment by a free distribution of anti-scarlet fever serum.

It is to be remembered that during a long period of time the result of the researches made as to the value of these means of action did not permit the conviction that they were really efficacious and left plausible doubts in the mind.

Nevertheless, since a few years, opinions have changed and become favourable. For example, it is now admitted that the scarlet fever antitoxin has a good effect on the symptoms at the onset of the disease and attenuate them, that it can be employed for the immunization of contacts, the resulting protection lasting for about 8 days, that the toxin injected in a series of five doses, given at a week's interval, creates in the organism the production of anticorps which immunize during two or three years.

The disadvantages produced by the use of the antitoxin and of the toxin are the following : a case of scarlet fever treated with antitoxin leaves the subject more liable to contract the disease again than if the illness had pursued its course regularly, the too short duration produced by the antitoxin and the marked reactions which follow the use of the toxin for the immunization.

Nevertheless, the general expression of opinions based on sufficiently positive experiments, concerning the efficacity of these biological products, bring us to the conviction that a free distribution of scarlet fever antitoxin and toxin, must be undertaken to give to the population the opportunity to benefit by it and to facilitate their use by physician for the prevention and treatment of this disease among poor patients; it is our intention to start it as soon as the budget for the fiscal year 1936-37 is voted, in order

to allow the Department of Health to make this expenditure.

The distribution will be made according to the method already in operation for the distribution of the serum and Toxoid (for Schick Test) against diphtheria in the same stations already used for this purpose and which are located in the various sections of the City.

DEATHS FROM DIPHTHERIA AND IMMUNIZATION.

The number of deaths from diphtheria in Montreal was 21 during 1935; therefore, the mortality rate is 2.4 per 100,000 population.

Since 1931, it fluctuated as follows :

Years	1931	1932	1933	1934	1935
Number of deaths	71	53	18	30	21
Rate per 100,000 population . .	8.7	6.4	2.1	3.5	2.4

Although the rates for the past few years were rather low, we hoped for much better results, because of the high proportion of children immunized against this disease; it is for this reason that an organization was made to investigate each case of death from diphtheria, in order to ascertain the cause of this unnecessary fatality occurring despite the campaigns for immunization and the free distribution of anti-diphtheria serum, which were organized a few years ago.

The inquiries were started during the month of October, which explains the small number performed up to the present time; nevertheless, I thought they should be quoted, because they already constitute interesting data.

DEATHS FROM DIPHTHERIA, INQUIRIES

October 22nd to December 31st, 1935.

Case No.	Age	Date of onset	Date, 1st visit of physician	Hospitalization 1st. injection	Date of death	Father's occupation	Remarks
1x	7 years	22–10–35	Child taken to doctor office on: 22–10–35	No No	10–11–35	Journeyman	No treatment due to error and in the diagnosis of the doctor who diagnosed: mumps.
2	5 years	31–10–35	8–11–35	8–11–35	10–11–35	Unemployed	Delay of parents to call doctor.
1	4 years	3–11–35	6–11–35	6–11–35	11–11–35	Unemployed	Delay of parents to call doctor
4x	9 years	6–11–35	10–11–35	10–11–35	21–11–35	Journeyman	Visit of the doctor 4 days after onset of the disease
5	5 years	10–11–35	10–11–35	17–11–35	20–11–35	Journeyman	Delay in diagnosis (1st. diagnosis: amydalitis)
6	4 years	12–11–35	16–11–35	16–11–35	17–11–35	Traveller clerk	Parents travelling with child delayed 4 days after the onset of the disease to call a doctor
7	13 years	10–12–35	10–12–35	13–12–35	14–12–35	Unemployed	Three doctors called refused to see the patient, which resulted in a delay of 3 days in the inoculation of the serum.

(x) Same family.

The summing up of the deaths occurred may be classified as follows :

Delay of parents to call a doctor	2
No treatment due to an error of diagnosis of the doctor who first diagnosed : mumps	1
Doctor visited patient 4 days after onset of disease	1
Delay of the diagnosis of the physician (1st. diagnosis amygdalitis)	1
Parents travelling with child delayed 4 days after the onset of the disease to call a doctor	1
Three doctors called, refused to see the patient, causing a delay of three days in the injection of the serum	1

Not numerous enough to permit to arrive at any conclusion, these deaths may however demonstrate that a delay in the treatment often results in rendering it ineffective; besides, it is acknowledged that the danger increases in progressive proportion compared with the time elapsed between the onset of the disease and the inoculation of the serum.

Guilty parents who, at the present time, have lost a child from diphtheria because of neglect, must doubly regret their carelessness, because they could have rendered their children immune from this disease, by having them immunized free of charge by the Department of Health, or by one of the independent organizations to which the City supplies the Toxoid.

Since 1928 to December 31st. 1935, the number of completely immunized children in Montreal, has reached 116,693 (this figure will be increased by several hundreds, when the immunizations begun in 1935, will be completed at the beginning of 1936).

The following table shows the fluctuations in the practice of immunization in Montreal, from 1928 to 1935, and the total number of children immunized.

IMMUNIZATION AGAINST DIPHTHERIA IN MONTREAL.

(1928 - 1935)

Table showing the yearly number of children immunized and the total number of children, who during this period, received the three doses of Toxoid (Ramon anatoxin).

Year	IMMUNIZATIONS MADE BY		Total
	Dept. of Health (Child Hygiene Div.)	Private physicians and independent organizations	
1928 (1)	250	....	250
1929	3,696	....	3,696
1930	9,108	2,694	11,802
1931	10,064	1,845	11,909
1932	11,499	2,230	13,729
1933	41,490	6,163	47,653
1934	11,484	2,559	14,043
1935 (2) (Dec. 31st)	10,672	2,689	13,361
Total ..	98,513	18,180	116,693

(1) 1928, four months only: September to December.

(2) A certain number of immunizations which were begun in 1935 will be completed in 1936.

The population of 1 to 12 years being estimated to be 206,319 children, the proportion of immunized is then: 56.5%; this figure is only approximate, but it gives an indication of the situation as exactly as possible.

EDUCATIONAL PROPAGANDA.

Among the new literature published by the Department of Health this year, two publications must be pointed out; they are :

1. A circular concerning the prevention of blindness;

2. An illustrated poster concerning the prevention of contagious diseases.

THE CIRCULAR.

The circular will be distributed at the same time as the series of publication which are forwarded to new mothers, with a letter from the Director of the Department of Health, after the birth of a child; this circular is the following :

Department of Health — Montreal.

Division of Child Hygiene. Circular No. 10.

ADVICE TO PARENTS.

Prevent blindness in your children.

Blindness is one of the most distressing afflictions. Conscientious parents will take the necessary precautions to guard their children's sight.

Sore eyes in the new-born are often due to ophthalmia neonatorum, one of the most frequent causes of blindness. This disease may destroy sight in a few days. It is highly infectious and so may spread from one eye to the other in the same individual, or to other members of the family. Accidents, for which parents may be partly responsible,

often lead to blindness. Children should not have access to, or use as playthings, scissors, knives, pins, needles, etc.

Accidents, for which parents may be partly responsible, often lead to blindness. Children should not have access to, or use as playthings, scissors, knives, pins, needles, etc.

Eyestrain from poor lighting, at close work, is harmful; the sight may be seriously damaged thereby.

Ophthalmia neonatorum is prevented by dropping a small amount of silver nitrate solution into the eyes of the baby immediately after birth. The law of many countries requires the doctor to do this, as a routine, in all cases.

Parents are responsible for having the eyes of their children examined by their family doctor if the eyes are inflamed, if the child has difficulty in seeing, or if he complains of frequent headache. The family doctor will decide if the child needs to see an eye specialist.

Parents should follow the advice of their doctor. Failure to do so may mean blindness for their child.

If, in spite of all care, the child loses his sight, it is well to remember that the other faculties are not impaired and that, with special training, the child may be able to enjoy a happy, useful life as a self-supporting citizen.

The blind often possess unusual talents. These may be developed through proper training, in institutions, or at home.

Many of the blind are earning their living nowadays at a trade, as shopkeepers, etc. A few have become distinguished musicians.

Associations for the blind operate in many centres, providing workshops where the blind are employed, thus earning their livehood. With the support of these Associations, a number of the blind are successfully operating small stores.

Parents are urged to safeguards the eyes of their children. If, unfortunately, a child becomes blind, his parents will see that he has a proper education with the opportunity of being taught a means of livelihood, so that he may enjoy a normal life.

In the event of sigh being lost in adult years, there are Associations which look after such cases, and teach them to read and to write according to the Braille system. These associations also teach trades and other means of earning a living.

THE POSTER.

The poster that has been prepared is not yet ready for distribution but it will be soon.

The first part comprises the advice given to parents for safeguarding their children from communicable diseases and to prevent their spreading when such an illness occurs in the family; the second part indicates the inscriptions placed at the bottom of each illustration.

They read as follows :

FATHERS AND MOTHERS,

PREVENT CONTAGIOUS DISEASES.

These diseases are always serious; they are a direct cause of death or leave sequels that shorten the life.

Do not take any risk for your children and do not expose those of others.

Keep your dwelling clean and healthy to render your children stronger and stouter.

Have them vaccinated against smallpox, and immunized against diphtheria before they reach one year of age.

Avoid all possible contact between you, your children and and those suffering from a contagious disease.

Do not permit to a member of your family to visit a place where there is such a case.

Do not allow anyone to come to your place when you have a case in your home.

Isolate your child as soon as you suspect he develops a contagious infection, maintain the others in quarantine and call your family doctor immediately.

See that your case is reported to the Department of Health (Contagious Diseases Division) which will give the necessary information to prevent the spread of the disease among members of your family and those about them.

Follow carefully the advice given; maintain the isolation and quarantine until you are advised that there is no more danger.

Do not send back your children to schools before permission is granted by the Department of Health.

An illustration showing an happy family.

Our children are sound and strong, because we have succeeded to safeguard them against contagious diseases.

They have been vaccinated against smallpox before reaching one year of age.

They have been immunized against diphtheria between the age of 6 to 12 months.

They were never permitted to visit a place where there was a contagious sufferer.

We are carefully following the advice of the Department of Health.

If, in spite of our precautions, one of our children is stricken we would immediately call our family doctor and ask him to report the case to the Department of Health.

We know that a nurse will be sent immediately to our home to teach us the precautions to be taken to safeguard the other members of the family and our neighbours.

HEALTH COMMISSION.

This Commission appointed by the City Council according to By-law No. 1044 was composed for the year 1935, as follows :

Alderman J. M. Savignac, N.P., Chairman of the Executive Committee.

Alderman Z. H. Lesage, M.D.

Alderman Dr. A. L'Archevêque.

Alderman Léon Trépanier.

Mr. S. Boucher, M.D., D.P.H., Director of the Department of Health.

Dr. B. G. Bourgeois, Professor at the Faculty of Medicine, of the Université de Montréal.

Dr. E. G. Asselin, Professor at the Faculty of Medicine, of the Université de Montréal.

Dr. A. Grant Fleming, Director of the Department of Health and Preventive Medicine, McGill University.

Dr. Frank G. Pedley, Assistant professor of Industrial Hygiene, McGill University.

During the year, this Commission studied the following questions :

Comparative statistics of certain communicable diseases and cancer.

Deaths among illegitimates, in 1934.

Comparative table of births and deaths and mortality from certain causes, in 1934.

Law concerning embalment and interment.

Psychometric test among school children.

Comparative data of mortality from cancer in New York and Montreal.

Medical examination in schools.

Test of hearing examination.

Cream sold at the Bonsecours market.

Milk By-law : decision of the Court against the Department of Health.

The usefulness of the "Social Service Exchange".

Sale of maple syrup on public markets.

Destruction of vermin by fumigation.

Average of deaths, from 0 to 1 year, per 1,000 births, in Catholic parishes of the City, having Well-baby Clinics.

Twenty years of progress in the sanitary conditions of the City of Montreal.

Provincial Law concerning private hospitals, adopted May 18th., 1935; municipal By-law concerning private maternities and private hospitals, adopted October 11th., 1932, and municipal By-law concerning boarding houses for children and repealing By-law No. 593, adopted September 17th., 1930.

Number of births per parish; number of babies attending Well-baby Clinics and mortality from 0 to 1 year.

Correspondence with the Secretary of the "Fédération d'Hygiène Infantile" (Independent Well-baby Clinics).

Vaccination against poliomyelitis; summing up of an article published in the "American Public Health Journal".

Copy of a circular to be distributed to embalmers.

Experiments re : researches, through oxygenated water or Bromo-thymol, of pus in the milk of cows (mastitis).

Project of agreement between the Bruchési Institute and the City of Montreal to render their co-operation in the campaign against tuberculosis, more complete.

Principal causes of infant mortality in Well-baby Clinics (as a complement to the table of mortality from 0 to 1 year studied at the previous meeting).

Mentally defective children in schools.

Dental Clinics for school children.

"Canadian Social Hygiene Council" re : endorsement of a proposition to develop a programme of co-operation, concerning Public Health, between the Dominion and the Provinces, under the direction of the Dominion.

Cases of scarlet fever and deaths from this disease per 100,000 population.

Immunization against poliomyelitis (method of Dr. Brodie).

Opening, on December 16th., 1935, of the new St. Arsène Dental Clinic (St. Denis Bath).

Letter to parents whose children have died from diphtheria.

Trading of Vitamin D. Milk.

A suspected case of typhus in Montreal.

Division of Contagious Diseases

DIVISION OF CONTAGIOUS DISEASES.

Dr. S. Boucher,

Director of the Health Department,

City of Montreal.

Dear Sir : —

I am hereby transmitting to you the annual report of 1935 concerning the activities of the Division of Contagious Diseases.

Respectfully yours,

J. H. GERVAIS, M.D., D.P.H.,

Superintendent of the Division of Contagious Diseases.

GENERAL OUTLINE

of the activities

Of the Division of Contagious Diseases.

During the year 1935, 22,839 confirmed cases and 1,125 deaths were registered at the Division of Contagious Diseases. Those cases are classified as follows :

Diseases	Cases reported	Deaths	Percentage of deaths
Diphtheria	183	21	11.4%
Scarlet fever	3,363	48	1.4%
Measles	8,791	54	0.6%
German measles	1,506	0	.....
Whooping cough	1,515	87	5.7%
Mumps	739	0	.....
Chicken pox	4,102	2	.....
Erysipelas	177	17	.....
Typhoid fever	113	24	21.2%
C.S. Meningitis	8	1	.....
Puerperal septicaemia	43	18	.....
Basillary dysentery	5	0	.....
Amoebic dysentery	13	1	.....
Purulent ophthalmia	11	0	.....
Lethargic encephalitis	2	1	.....
Poliomyelitis	3	0	.....
Undulant fever	2	0	.....
Trachoma	1	0	.....
Influenza	213	204 (x)	.....
Scabies	182	0	.....
	20,972	478	2.2%
Pulmonary tuberculosis	1,709	546	31.9%
Tuberculosis other forms	158	101	63.9%
Grand total	22,839	1,125	4.9%

(x) Influenza cases are not all reported to the Division of Contagious Diseases; the figures given are from registration of death certificates.

The above table shows a surplus of 2,084 cases of communicable diseases reported in 1935 compared with the figures of 1934.

Measles cases which climbed to (8,791) have caused this increase in number.

Chickenpox (4,102 cases) and scarlet fever (3,363 cases) have also been two prevalent diseases in 1935.

A marked diminution of the following diseases is to be noted : whooping cough, mumps, poliomyelitis and diphtheria.

As for poliomyelitis, 3 cases only were reported in 1935, while 45 were registered in 1934.

For diphteria, 183 cases and 21 deaths were reported in 1935, while 244 cases and 30 deaths were registered in 1934.

The City Health Department actively carries on the campaign of immunization against diphtheria, as it appears in figures shown in tables No. 1 and No. 2, and also in graphics A and B hereunder.

IMMUNIZATION AGAINST DIPHTHERIA IN MONTREAL.

1928 - 1935.

TABLE I.

Shows, in figures classified by year, the total number of chidren immunized, that is to say patients having

received 3 doses of Ramon anatoxin, in Montreal, since September 1928, to December 31st. 1935.

IMMUNIZATIONS DONE BY

Year	Dept. of Health (Child Hygiene Div.)	Private physicians and independent organizations	Total
1928 (1)	384	....	384
1929	3,582	....	3,582
1930	9,108	2,694	11,802
1931	10,064	1,845	11,909
1932	11,499	2,230	13,729
1933	41,490	6,163	47,653
1934	11,484	2,559	14,043
1935 (31 déc.) (2)	10,672	2,689	13,361
Total ..	98,283	18,180	116,463

(1) 1928, during 4 months only, from September to December.

(2) A certain number of immunizations begun in 1935 will be completed in the course of 1936.

GRAPH A.

Number of immunized children, who have received 3 doses of Ramon Toxoid, per year, since September 1928 to December 31st. 1935.

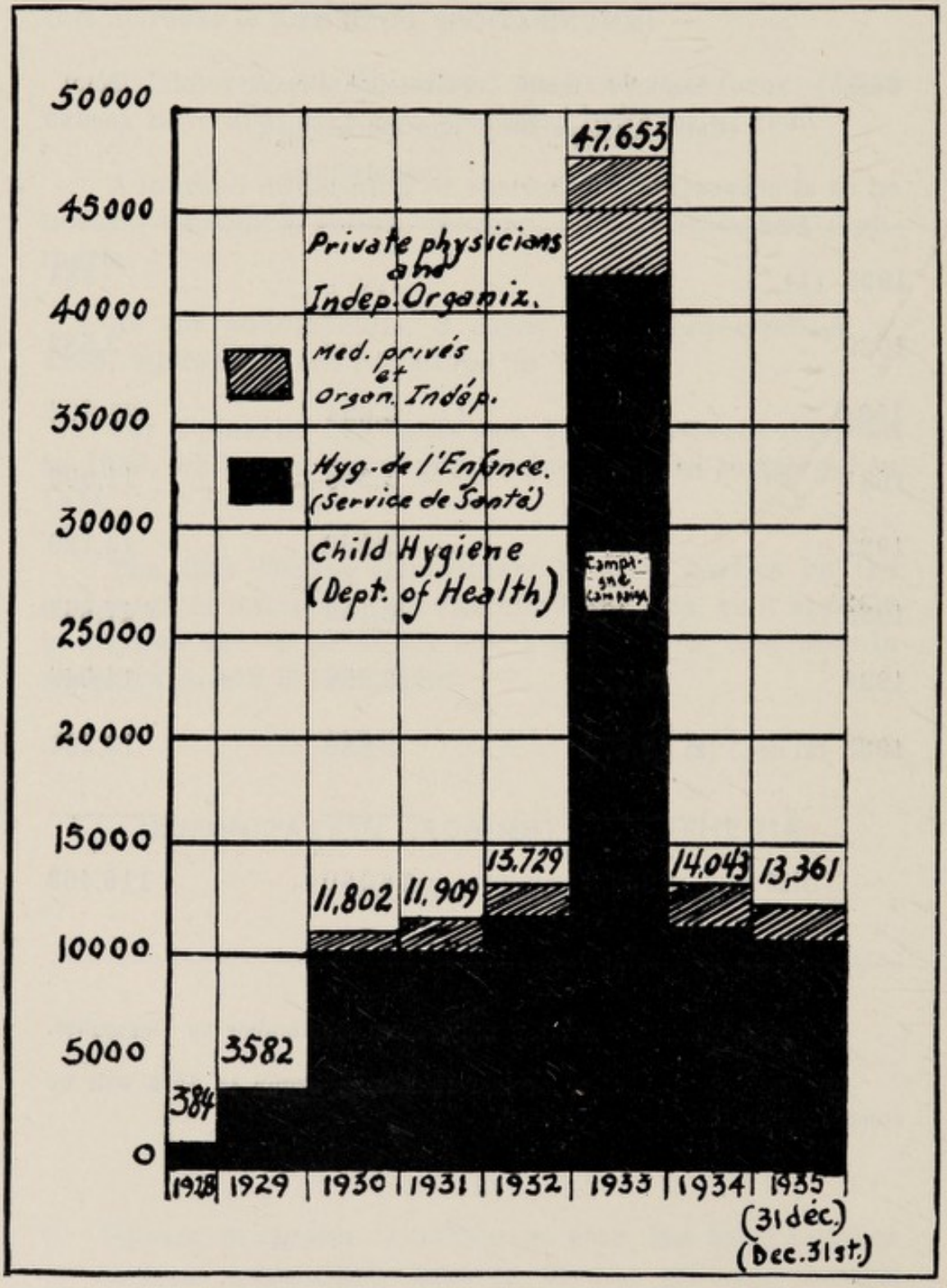


TABLE II.

Shows, in the same order of years, the number of immunizations additional to the original figures; that is to say, children who received 3 doses of Ramon anatoxin from September 1928 to December 31st. 1935.

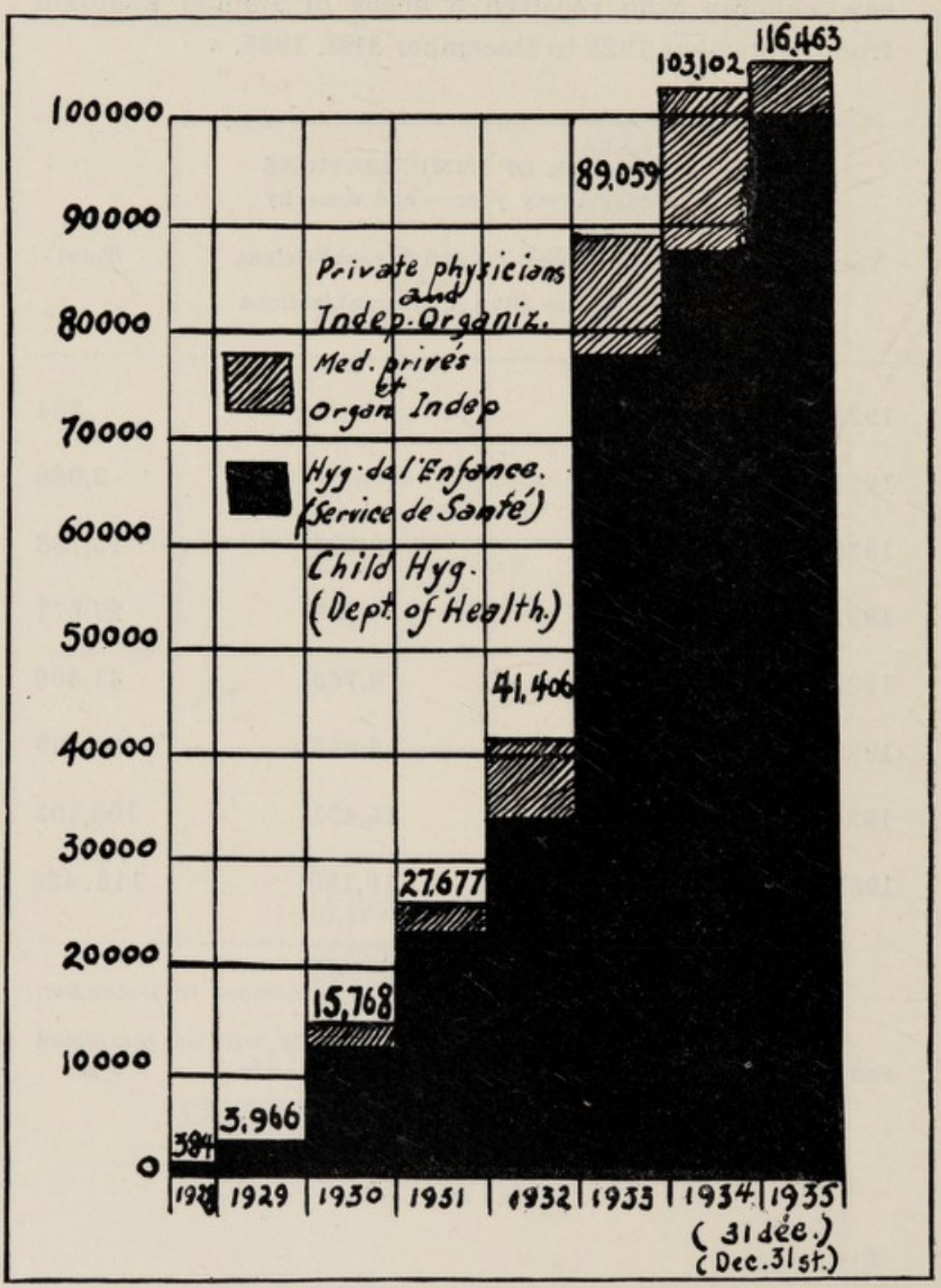
Year	NUMBER OF IMMUNIZATIONS added every year — and done by Health Dept. (Child Hygiene Div.)	Private physicians and organizations	Total
1928 (1)	384	....	384
1929	3,966	....	3,966
1930	13,074	2,694	15,768
1931	23,138	4,539	27,677
1932	34,637	6,769	41,406
1933	76,127	12,932	89,059
1934	87,611	15,491	103,102
1935(2) (Dec. 31st)	98.283	18,180	116.463

(1) 1928, during 4 months only, from September to December.

(2) The number of immunizations for 1935 will be completed and therefore increased in the course of 1936.

GRAPH B.

Number of immunizations additional to the original figures; i.e. children who have received 3 doses of Ramon Toxoid from Sept. 1928 to Dec. 31st. 1935.



Cases of tuberculosis excepted, death rate per 100,000 population from contagious diseases was 55.3%. For the latter disease, death rate per 100,000 was 73.8%. A diminution of 9.5% is to be noted.

Death rate from contagious diseases on all cases reported was 4.9% in 1935, whereas 5.2% in 1934.

We are pleased to state that there was no case of smallpox detected in 1935. The last report of smallpox cases in Montreal goes back to 1930.

Twice during 1935, first in January and then in November, the Division of Contagious Diseases was prompted to start a special investigation for the control of several trichinosis cases in the city.

This latter disease, fairly common in certain centres of Europe and in the middle west of the United States, has been rather infrequent in our country. In 1908, the health statistics were reporting a few cases in one county of our Province. Trichinosis might have occurred in other parts of Canada, even though no official report from organized Health Departments mentions this parasitic disease.

The number of trichinosis cases reported at the Division of Contagious Diseases is 75.

The 6 cases which developed in January were detected in a family of 9 persons. The disease presented a rather serious character with a prolonged convalescence; a child of 8 years old was taken to the hospital where he died 8 days afterwards.

About the end of October, and at the beginning of November, we had a recurrence of trichinosis in Montreal.

At that time 68 cases were discovered in our investigation.

The common source of meat supply infected with trichinae was soon traced back. It came out to be a butcher of foreign nationality, who had a trade of porkmeats, which were sold, prepared in various forms, among his fellow-countrymen.

The following table tends to show the progress of the disease, and the classification of cases in the affected families.

CASES OF TRICHINOSIS.

Number of cases reported from Oct. 15th to Nov. 10th 1935.

Date of onset		Number of families affected – 35 Cases divided as follows :
Oct. 15	1	
" 16	1	1 family with 5 cases.
" 20	1	
" 21	1	4 families with 4 cases.
" 22	2	
" 23	2	4 families with 3 cases.
" 24	1	
" 25	2	9 families with 2 cases.
" 26	2	—
" 27	1	18 families.
" 28	5	
" 29	2	17 families with 1 case.
" 30	2	
" 31	9	—
Nov. 1	3	35 families.
" 2	6	
" 3	5	
" 4	8	
" 5	1	
" 6	7	
" 10	6	
	—	
	68	

Families	Member	Number of patients		
No. 1	..... of	6	5	
" 2	..... of	5	4	
" 3	..... of	9	2	
" 4	..... of	5	3	
" 5	..... of	14	3	(10 taking their meals outside).
" 6	..... of	5	4	
" 7	..... of	4	4	
" 8	..... of	5	2	(3 taking their meals outside).
" 9	..... of	2	2	
" 10	..... of	2	2	
" 11	..... of	4	3	
" 12	..... of	7	2	(5 taking their meals outside).
" 13	..... of	2	2	
" 14	..... of	4	2	
" 15	..... of	4	4	
" 16	..... of	3	2	
" 17	..... of	2	2	
" 18	..... of	3	3	

Summing up those facts, it is evident :

1. — That the contamination of these persons by infected meat has been of a short duration, because after the 10th of November no other case was detected.

2. — That the infected pigs were coming from supplies bought around October 15th; and that these pigs must have been used in a very little amount in the

making of sausages, because among the numerous customers of the suppliers, 68 persons only suffered from trichinosis.

3. — That the relapse of trichinosis cases in Montreal, in October and November, had no connection whatsoever with cases that broke out in January 1935, because the pigs had not been purchased from the same place.

DETAILED OUTLINE OF THE ACTIVITIES.

Cases hospitalized	4,539
Cases visited by nurses	29,706
Cases visited by the supervisor of nurses	444
Cases visited by epidemiologists	8,921
Cases visited by disinfectors	7,804
Houses disinfected	4,640
Houses placarded	5,441

Vaccinations against smallpox performed by physicians of

(a)	The Contagious Diseases Division	6,245
(b)	The Child Hygiene Division	14,991
(c)	The Medical Control Division	6,471
		27,707

Number of complete immunizations against diphtheria reported to this Division and done by		
The Child Hygiene Division	10,672	
The Child Welfare Association ..	1,128	
La Fédération des Oeuvres d'Hygiène Infantile	1,183	
Private physicians	378	
	———	13,361
Free distribution of antipoliomyelitic serum (number of vials)		13
Free distribution of antidiphtheric serum (number of vials) :		
(a) Curative doses		139
(b) Preventive doses		92
Free distribution of toxoid (anatoxine Ramon) for immunization against diphtheria (number of vials)		3,876
Free distribution of diphtheria toxoid for Schick Test (number of vials)		224

Various analyses submitted to the Laboratory :

Rabies (research of Negri bodies)	14
Blood : differential blood count (re-eosinophilia)	4
re : Brucella Abortus	58
re : dysentery	1
re : proteus X 19	1
re : Widal test	58
Throat secretions : re-diphtheria (after culture)	1,627
re-Haemolytic streptococcus	8
Stools : re-Entamoeba histolytica	7
re-B. typhosum and B. paratyphosum A. & B.	22
Urines : re-B. typhosum and B. paratyphosum A. & B.	21
	1,821

During 1935, 322 cases of dog bites were reported to the Division of Contagious Diseases; but no case of animal or human rabies was detected in our City.

Following these comments will be found a series of tables demonstrating in detail the operations carried on by the Division of Contagious Diseases of the Montreal Health Department.

CLASSIFICATION OF CONTAGIOUS DISEASES PER MONTHS, 1935.

Diseases	January	February	March	April	May	June	July	August	September	October	November	December	Total	Total of deaths in 1935
Diphtheria	20	16	10	11	14	13	22	10	12	23	25	7	183	21
Scarlet fever	380	283	345	296	309	327	181	86	179	312	344	321	3363	48
Measles	765	919	1526	1862	1756	1051	273	31	32	126	114	336	8791	54
German measles	14	33	55	210	200	190	35	8	8	67	246	440	1506	.....
Whopping-cough	353	226	160	117	62	51	68	89	122	53	100	114	1515	87
Mumps	112	104	73	69	70	40	16	18	19	60	71	87	739	.....
Chicken-pox	702	437	504	442	409	339	124	46	52	151	401	495	4102	2
Small-pox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erysipelas	30	16	14	16	14	13	7	5	12	14	20	16	177	17
Typhoid fever	3	2	3	11	8	6	9	21	14	18	14	4	113	24
C.S. meningitis	2	1	1	.....	.....	1	.....	.....	2	.....	1	.....	8	1
Trachoma	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....
Poliomyelitis	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	3	.....
Lethargic encephalitis	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1
Puerperal septicaemia	6	5	3	3	2	2	2	3	1	4	7	5	43	18
Purulent ophthalmia	.....	.....	2	.....	1	1	.....	2	.....	2	2	1	11	.....
Amoebic dysentery	.....	.....	2	.....	.....	2	1	3	3	2	.....	.....	13	1
Bacillary dysentery	.....	1	.....	.....	.....	3	1	.....	.....	.....	.....	.....	5	.....
Undulant fever	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
Influenza	18	54	33	40	12	5	4	.....	2	12	19	14	213	204
Scabies	26	12	21	21	18	2	7	5	18	21	15	16	182	.....
Total	2431	2110	2753	3100	2876	2047	752	327	476	865	1379	1856	20972	478
Pulmonary tuberculosis	107	150	188	152	167	157	147	143	118	143	128	109	1709	546
Tuberculosis, other forms	10	15	17	12	25	12	16	12	10	15	5	9	158	101
Grand total													22839	647

CLASSIFICATION OF CONTAGIOUS DISEASES BY NATIONALITIES, 1935.

Diseases	French Canadians	English Canadians	Jews	Other nationalities	Total
Diphtheria	138	19	6	20	183
Scarlet fever	1880	989	239	255	3363
Measles	4017	3321	898	555	8791
German measles	649	715	59	83	1506
Whooping cough	946	295	50	224	1515
Mumps	442	247	12	38	739
Chicken-pox	2475	1047	284	296	4102
Erysipelas	115	43	3	16	177
Typhoid fever	78	16	13	6	113
C.S. meningitis	6	2	.....	.....	8
Trachoma	1	.....	.....	.....	1
Poliomyelitis	1	1	1	.....	3
Lethargic encephalitis	1	.....	1	.....	2
Puerperal septicaemia	32	6	1	4	43
Purulent ophthalmia	11	.....	.....	.....	11
Amoebic dysentery	2	8	2	1	13
Bacillary dysentery	1	1	2	1	5
Undulant fever	1	1	.....	.....	2
Pulmonary tuberculosis	1121	353	83	152	1709
Tuberculosis, other forms	121	24	.....	13	158
Influenza	160	39	1	13	213
Scabies	150	15	.....	17	182
Total	12348	7142	1655	1694	22839

CLASSIFICATION OF CONTAGIOUS DISEASES BY AGES, 1935.

Diseases	Under 1 year	1 to 4 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 29 years	30 to 39 years	40 to 49 years	50 to 59 years	60 to 69 years	70 to 79 years	80 to 89 years	90 to 100 years	Total
Diphtheria	3	74	80	11	7	6	1	1	.....	.....	.....	.....	.....	183
Scarlet fever	40	967	1646	476	73	95	57	8	1	.....	.....	.....	.....	3363
Measles	267	2902	4942	542	67	54	8	6	3	.....	.....	.....	.....	8791
German measles	32	191	836	377	38	23	9	.....	.....	.....	.....	.....	.....	1506
Whooping-cough	280	687	512	30	3	2	1	.....	.....	.....	.....	.....	.....	1515
Mumps	12	131	463	103	10	8	9	3	.....	.....	.....	.....	.....	739
Chicken-pox	236	1223	2358	235	23	19	6	1	.....	.....	1	.....	.....	4102
Erysipelas	11	17	13	4	8	25	23	32	14	20	8	1	1	177
Typhoid fever	.....	3	10	13	11	41	15	14	1	3	1	1	.....	113
C.S. meningitis	2	2	.....	1	.....	1	2	.....	.....	.....	.....	.....	.....	8
Trachoma	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Poliomyelitis	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Lethargic encephalitis	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2
Puerperal septicaemia	.....	.....	.....	.....	13	11	15	4	.....	.....	.....	.....	.....	43
Purulent ophthalmia	9	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	11
Amoebic dysentery	.....	.....	1	.....	3	4	1	4	.....	.....	.....	.....	.....	13
Bacillary dysentery	1	.....	.....	.....	1	.....	1	.....	2	.....	.....	.....	.....	5
Undulant fever	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	2
Pulmonary tuberculosis	9	13	20	33	213	545	391	238	153	64	26	3	1	1709
Tuberculosis other forms	4	17	12	21	24	49	18	5	5	3	.....	.....	.....	158
Influenza	37	37	16	5	3	10	10	13	12	15	26	24	5	213
Scabies	3	20	70	67	11	2	6	1	2	.....	.....	.....	.....	182
Total	946	6285	10980	1921	508	896	574	331	193	107	62	29	7	22839

CLASSIFICATION OF CONTAGIOUS

Diseases	Ahuntsic	Bourget	Crémazie	Delorimier	Hochelaga	Lafontaine	Laurier	Maisonneuve	Mercier	Montcalm	Mount Royal	N.-D. de Graces	Papineau	Pe
Diphtheria	4	23	6	5	5	1	4	6	6	10	1	6	3	
Scarlet fever	55	60	43	127	61	29	88	130	97	96	33	182	26	6
Measles	256	82	147	413	173	36	118	445	519	141	367	949	57	17
German measles	44	12	8	33	15	2	9	81	79	51	8	70	16	1
Whooping-Cough	12	35	55	78	44	11	11	50	39	40	30	42	26	3
Mumps	4	87	8	15	14	...	10	7	48	26	45	166	10	
Chicken-pox	159	47	50	195	70	46	67	81	193	130	77	354	45	14
Small-pox	...	...	...	...	...	...	...	...	...	...	...	....	...	..
Erysipelas	6	1	5	6	7	1	3	3	5	6	1	7	2	
Typhoid fever	9	1	2	3	3	2	4	6	2	...	2	7	4	
C. S. meningitis	1	1	...	...	1	...	...	...	....	...	...	....	1	..
Trachoma	...	...	...	...	...	...	...	...	....	...	...	....	...	..
Poliomyelitis	...	...	...	...	...	...	...	...	....	...	...	....	...	..
Lethargic encephalitis	...	...	...	...	...	...	...	...	....	...	...	....	...	..
Puerperal septicaemia	...	1	...	4	2	...	...	2	2	1	...	2	2	
Purulent ophthalmia	...	1	1	2	...	...	...	...	1	1	...	....	...	..
Amoebic dysentery	...	...	...	...	...	...	2	...	....	...	...	4	...	..
Bacillary dysentery	1	...	...	...	...	...	...	...	....	...	...	....	...	..
Undulant fever	...	...	...	1	...	...	...	...	....	...	...	....	...	..
Iinfluenza	7	12	4	8	4	...	3	4	11	3	2	12	2	
Scabies	8	...	...	...	4	...	...	8	17	2	...	3	3	
Total	566	363	329	890	403	128	319	823	1019	507	566	1804	197	46
Pulmonary tuberculosis	41	53	77	74	44	29	36	51	32	28	15	55	40	3
Tuberculosis, other forms	5	2	3	9	4	2	2	5	2	7	3	9	2	
Grand total	...	...	...	...	...	...	...	...	....	...	...	....	...	..

ISEASES BY WARDS, 1935.

	St. Andrew	St. Ann	Ste. Cunégonde	St. Denis	St. Edward	St. Eusèbe	St. Gabriel	St. George	St. Henry	St. James	St. John	St. Jean Baptiste	St. Joseph	St. Lawrence	St. Louis	St. Michael	St. Mary	St. Paul	Ville Marie	Villeray	Total
5	2	6	3	4	7	5	6	...	11	8	3	8	...	5	5	1	3	6	1	9	183
2	79	85	83	55	162	67	150	13	212	52	119	108	54	43	76	138	37	176	27	270	3363
4	186	278	160	102	311	92	312	52	147	71	274	316	152	180	288	333	34	299	48	574	8791
8	45	23	62	20	15	11	14	8	26	33	249	30	59	18	11	40	10	175	11	35	1506
5	16	55	74	19	59	33	23	10	55	32	50	40	17	56	67	48	7	57	119	87	1515
0	4	4	17	4	21	7	10	2	25	61	9	8	8	2	2	7	3	10	8	18	739
2	90	83	60	58	112	158	111	28	131	99	145	179	29	46	88	144	46	129	26	444	4102
.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....	.....
5	5	8	10	7	5	7	2	3	2	9	2	5	...	4	15	5	5	4	9	6	177
4	8	2	5	2	2	2	1	1	4	1	...	...	1	5	10	5	...	6	2	6	113
1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	8
.	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	....	1
.	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	....	3
.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	....	2
1	...	2	1	1	...	3	4	...	3	1	...	3	...	1	1	...	1	...	1	1	43
.	...	...	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	1	1	....	11
.	3	1	...	...	...	...	...	2	...	...	...	...	...	...	...	1	...	...	...	....	13
.	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	1	...	....	5
.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2
1	5	5	4	12	10	6	3	3	15	6	5	10	3	1	1	10	7	5	9	5	213
3	...	1	7	...	...	20	4	...	5	4	3	3	1	...	5	9	2	43	3	5	182
1	445	553	487	285	704	411	641	124	637	377	861	710	324	362	570	743	155	912	265	1462	20972
4	48	32	35	51	72	35	23	51	58	68	46	75	37	71	73	57	37	39	18	110	1709
7	2	5	1	5	5	10	2	3	9	10	4	2	1	3	5	3	2	3	4	14	158
.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....	22839

CASES OF TYPHOID FEVER

From January 1st to December 31st, 1935.

1935 Months	Number of cases	Repartition					
		Source of infection		Hospitalization		Deaths	
		In Montreal	Outside cases	Residents	Outside cases	Residents	Outside cases
January	3	2	1	3			
February	2	2		2		1	
March	3		3		3		1
April	11	9	2	8	1	2	
May	8	8		6		3	
June	6	4	2	6		1	
July	9	5	4	8		1	
August	21	7	14	14	3	3	
September	15	8	7	10	1	5	
October	17	10	7	12	4	3	2
November	14	10	4	11	2	5	
December	4	3	1	3			
Total	113	68	45	83	14	24	3

Percentage of deaths: 23.9%.

CONTROL OF CONTAGIOUS DISEASES, 1935.

Diseases	Control Visits			
	Diagnosis	Supervision of quarantined houses	Disinfections	Placards
Diphtheria	12	861	222	42
Scarlet fever	585	5668	2658	940
Measles	2532	10058	617	3948
German measles	890	1444	16	.....
Whooping-cough	455	1631	159	511
Mumps	344	903	2	.....
Chicken-pox	1508	4262	34	.....
Erysipelas	8	162	96	.....
Typhoid fever	116	163	36	.....
C.S. meningitis	.....	10	4	.....
Trachoma	1	1	.....	.....
Poliomyelitis	6	9	5	.....
Lethargic encephalitis	.....	2	.....	.....
Puerperal septicaemia	.....	13	.....	.....
Purulent ophthalmia	4	8	.....	.....
Amoebic dysentery	11	15	.....	.....
Bacillary dysentery	1	4	.....	.....
Undulant fever	2	.....	.....	.....
Influenza	12	13	2	.....
Scabies	60	163	.....	.....
Pulmonary tuberculosis	20	810	749	.....
Miscellaneous	.....	.....	40	.....
No infection	1057	.....	.....	.....
Under observation	296	.....	.....	.....
Miscellaneous visits	648	3411	3164	.....
Skin diseases	77	95	.....	.....
Trichinosis	60	.....	.....	.....
Wrong addresses	216	.....	.....	.....
Total	8921	29706	7804	5441

Visiting-nurses in their investigations in families have taken 1,245 cultures for laboratory analysis.

Pasteur and Alexandra Hospitals

DURATION OF SOJOURN OF PATIENTS.

Patients hospitalized	4,539
Number of days of hospitalization	135,115
Average sojourn for each patient	29.7%
Maximum hospitalization by day	482
Minimum hospitalization by day	181
Average of hospitalization by day	331

Mortality

		Percentage
Deaths during the year 1935	129	2.8%
Deaths during the first 48 hours	53	1.16%
Number of deaths which happened after the first 48 hours	76	1.6%
Proportion of deaths during the first 48 hours to the total of deaths		41.%

Miscellaneous

Ambulance calls	3,153
Microscopical examinations	3,968
Urine analyses	24,885

INTUBATIONS AND RESULTS.

Ages	Intubations	Cured	Deaths	Percentage of deaths
Under 1 year	.....	.....	.....	.....
1 to 2 years	2	.....	2	100%
2 to 3 years	4	3	1	25%
3 to 4 years	3	3	.....	.....
4 to 5 years	2	1	1	50%
5 to 6 years	3	3	.....	.....
6 to 7 years	.....	.....	.....	.....
7 to 8 years	3	3	.....	.....
8 to 9 years	1	1	.....	.....
9 to 10 years	.....	.....	.....	.....
Total	18	14	4	22%

NATIONALITY AND RELIGION OF PATIENTS.

Nationalities	Total	Percentage	Religion	Total	Percentage
French-Canadians	2416	58.8%	Roman Catholics	2963	72.7%
English-Canadians	916	22.3%	Protestants	891	21.7%
Jews	206	5.%	Jews	206	5.%
Other nationalities	566	13.7%	Other religions	44	1.%
Total	4104		Total	4104	

Pasteur and Alexandra Hospitals

FLUCTUATION OF PATIENTS AND DEATH RATE.

Diseases	In hospital January 1st, 1935	Admitted	Total number of patients.	Percentage of cases	Results			In hospital December 31st, 1935	Total
					Cured	Dead	Percentage of deaths		
Diphtheria	20	172	192	4.2%	159	19	14.7%	14	192
Scarlet fever	333	2445	2778	61.2%	2383	45	34.8%	350	2778
Measles	34	869	903	19.8%	842	23	17.8%	38	903
Erysipelas	4	162	166	3.6%	153	7	5.4%	6	166
Chicken-pox	4	56	60	1.3%	54	2	1.5%	4	60
Whooping-cough	40	234	274	6.0%	233	18	14.0%	23	274
Mumps	.....	13	13	0.3%	12	.....	.....	1	13
Influenza	.....	2	2	.....	1	1	.....	.....	2
German measles	.....	60	60	1.4%	56	.....	.....	4	60
Poliomyelitis	.....	1	1	.....	1	.....	.....	.....	1
Diffuse phlegmon	.....	3	3	.....	.....	3	1.9%	.....	3
False croup	.....	4	4	.....	3	1	.....	.....	4
Vincent's angina	.....	13	13	0.3%	12	.....	.....	1	13
Septic throat	.....	4	4	.....	3	1	.....	.....	4
C. S. Meningitis	.....	1	1	.....	.....	1	.....	.....	1
Miscellaneous	.....	65	65	1.4%	55	8	6.2%	2	65
Total	435	4104	4539	.....	3967	129	.....	443	4539

Division of Child Hygiene

DIVISION OF CHILD HYGIENE.

Dr. S. Boucher, Director,

Department of Health,
City Hall Annex.

Dear Sir : —

I have the honour to transmit to you the annual report of the Division of Child Hygiene for the year 1935.

Respectfully submitted,

AD. GROULX, M.D.,

Superintendent of the
Division of Child Hygiene.

REPORT OF THE DIVISION OF CHILD HYGIENE

For the year 1935.

The report of the work of the division of Child Hygiene for the year 1935, is divided into three principal parts :

1st. part — PRENATAL HYGIENE, BABY AND PRE-SCHOOL HYGIENE :

I° **Prenatal Hygiene** —

Prenatal clinics.

II° **Hygiene of the Infant** (0-1 yr.).

1° Well-baby clinics (0-1 yr.).

2° Open-air clinics.

3° Child Hygiene Leagues

4° Inspection of private boarding houses and private hospitals and maternities.

III° **Preschool Hygiene** (1-6 yrs).

Preschool clinics.

2nd part — MEDICAL INSPECTION OF SCHOOLS :

I° Medical inspection of pupils.

II° Hearing tests with Audiometer.

III° Mental Hygiene and Binet-Simon tests.

IV° Dental hygiene and Dental hygiene campaigns in schools.

V° Medical examination of teachers.

VI° Daily Vacation Bible Schools.

VII° Summer camps.

3rd part —

I° Immunization against diphtheria.

II° Vaccination against smallpox.

III° Distribution of literature.

FIRST PART

I. — PRENATAL HYGIENE

PRENATAL CLINICS

In the course of the year 1935, the four prenatal clinics known as Laurier, Maisonneuve, Rosemont and St. Jean-Berchmans clinic have continued their services.

The following table indicates the results obtained in 1935.

TABLE I

Number of	Municipal clinics.	4
	Sessions	194
	Mothers registered	412
	Consultations with doctor	1224
	Blood pressures	1184
	Urinalysis	1109
	Notices to family physician	46
Home visits	Recruitment	493
	To registered mothers	553
	Post-partum	181

II. — CHILD HYGIENE (0-1 yr.)

WELL-BABY CLINICS

The 42 municipal clinics continued to operate during the year 1935.

Besides, 31 independent clinics, of which 20 French, directed by "The Federation of Child Hygiene" and 11 English, directed by the "Child Welfare Association", continued to operate in the city limits of Montreal. An annual subsidy of $8,500.00 was granted them by the City.

"Child Welfare Association".

Up to this year the number of English clinics directed by the Child Welfare Association was 13.

After an agreement between the Department of Health and the Child Welfare Association, and, in virtue of a resolution of the Executive Committee of the City passed April 23rd 1935, the English Well Baby Clinics will pass gradually under the control of the Department of Health (Child Hygiene division).

During the year 1935, two clinics passed under the administration of the Department of Health :

1° "The Foundling Clinic", situated at 3626 St. Urbain Street, was discontinued Monday May 6th. 1935, and its cases referred to the "Laurier Clinic", 4505 Henri-Julien Street (corner Mount Royal Avenue).

Two clinic days, Monday and Wednesday P.M. each week, are reserved for English speaking mothers.

2° "The Amherst Park Clinic", situated at 6715 St. Valier Street, was discontinued after May 22nd 1935, and its cases referred to the "St. Arsène Clinic" (St. Denis bath), 7073 St. Hubert Street, where two days each week, Wednesday and Friday P.M. were reserved for English speaking mothers.

"Food Diets and new Circulars".

Forms for prescription of feeding regimes were prepared and printed to be used in the municipal clinics, in order to help visiting mothers, and thus, to facilitate the work of education followed by them.

Feeding regimes were prepared for the nursing mother and for children of different ages, as follows :

Form No. 117 — "Feeding regime for the nursing mother".

Form No. 118 — "Feeding regime for a child 6 to 9 months".

Form No. 119 — "Feeding regime for a child 9 to 12 months".

Form No. 120 — "Feeding regime for a child 12 to 18 months".

Form No. 121 — "Feeding regime for a child 18 months to 2 years".

Form No. 122 — "Feeding regime for a child 2 to 6 years".

Besides these forms, two circulars were prepared and published, the first :

Circular No. 6 — "Attention to be given to the cleaning of diapers".

Circular No. 7 — "Rules for artificial feeding".

"Epidemiological inquiry into the deaths due to Gastro-enteritis (diarrhoea) from 0-2 years".

The division of Child Hygiene assured its entire collaboration in the epidemiological inquiry on the mortality of gastro-enteritis, organized by the Provincial Bureau of Health, and followed in Montreal by the Departement of Health.

The visiting nurses of the division of Child Hygiene made 290 visits of epidemiological inquiry at the homes of all those who died of diarrhoea from 0-2 years in Montreal since April first, 1935.

The information obtained during visits of inquiry was inscribed on the special form (form G-E) prepared and furnished by he Provincial Bureau of Health and to whom they were returned; copies, however, were kept in the files of the Department of Health, in the division of Vital Statistics and in the division of Child Hygiene.

TABLE II

This table indicates the general results of the work done in the three groups of Baby Clinics, during the year 1935.

	Department of Health	Child Welfare Association	Fédération d'Hygiène Infantile
Number of clinics	42	11	19
Number of babies registered (0–1)	9204	7068	3209
Number of deaths (0–1) amongst registered babies	83	24	77
Percentage of deaths compared to the number of children registered	0.9	0.3	2.4
Number of consultations given	53298	19938	61232 (1)
Average number of consultations per baby	5.8	2.8	10.9 (1)
Home visits	28198	6171	16563 (1)

(1) The total number of consultations, the average number per baby and the number of visits, for the clinics of "La Fédération d'Hygiène Infantile", are shown for babies from 0-2 years (5,588), while for the other two groups of clinics, the numbers are based on ages of 0-1 years.

OPEN AIR CLNICS

Two open air clinics are open during the months of July and August, one in Lafontaine Park and the other at St. Helen's Island.

The following table indicates the results obtained in 1935.

TABLE III

Work of Open Air Clinics.

	Lafontaine Park	St. Helen's Island	Total
Camp open for a period of	2 months	2 months	.....
Number of registrations	1024	173	1197
Number of consultations (doctor)	303	.....	303
Weighings	333	223	556
Dressings	177	595	772
Vaccinations	2064	.....	2064
Revaccinations	51	.....	51
Certificates	1634	.....	1634

CHILD HYGIENE LEAGUE

Several groups of the Child Hygiene League have been formed amongst young girls attending the following schools : Boucher-de-la-Bruère, Cherrier, Dollard-des-Ormeaux, Gabriel-Lalemant, Jeanne-Mance, Lartigue, Madeleine-de-Verchères, Marchand, Marguerite-Bourgeoys, Marie-Immaculée, Notre-Dame-de-Bonsecours, St-Ambroise, Ste-Amélie, St-Arsène, Ste-Cécile, Ste-Claire, St-Dominic's, St-Edouard, Ste-Eulalie, St-Henri, St-Jean-de-la-Croix, St-Marc, Ste-Marie, Ste-Véronique, St-Victor, St-Zotique, Ville-Marie.

Another group has been organized at Notre-Dame-des-Neiges by the student-nurses of the School of Applied Social Hygiene of the University of Montreal.

The number of groups organized in 1935 was 7, and the number of members 512.

INSPECTION OF CHILDREN'S BOARDING-HOUSES AND PRIVATE HOSPITALS AND MATERNITIES, FOR THE YEAR 1935.

The supervision of boarding houses for children and private hospitals and maternities, has been carried out as indicated in the table which follows.

TABLE IV

Boarding houses for children

Number of	Boarding houses	With licence (of which 5 were cancelled during the year)		29
		Women's Directory		49
		Children's Bureau		109
		Catholic Welfare Bureau		11
		Institution (Aide à la Femme)		1
		Without license (where there is only one child)		18
		Total		217
	Children	Boarded	Legitimate	171
			Illegitimate	678
			Total	849
		Deceased	Legitimate	—
			Illegitimate	39
			Total	39

TABLE IV — (Continued)

PRIVATE HOSPITALS AND MATERNITIES

Number of	Private Hospitals and Maternities			With license	14
				Without license, under observation	1
	Patients	Maternity cases	Married		311
			Unmarried		452
			Total		763
		Medicine and Surgery			771
		GRAND TOTAL			1534
	Births	Legitimate			281
		Illegitimate			307
		Total			588
	Deaths	Babies	At full term	Legitimate	11
				Illegitimate	23
			Premature	Legitimate	11
				Illegitimate	13
			Total		58
		Adults	Maternity and Hospital cases		5

WORK OF THE NURSES

	Number of		
	Visits	Investigations	Actions taken
a) Boarding houses	1488	625	—
b) Hospitals and maternities	402	386	—
Special	489	221	1
TOTAL	2379	1232	1
Appearance in Court as witnesses			12

III. — PRESCHOOL HYGIENE

(1-6 years)

PRESCHOOL CLINICS

Table V which follows shows the general results achieved from the work done in the 42 municipal preschool clinics.

TABLE V

Number of clinics	42
Number of children registered (1-6 years)	8,535
Number of consultations given	29,171
Average number of consultations per child	3.4
Home visits	21,480

SECOND PART

SCHOOL HYGIENE AND MEDICAL INSPECTION OF SCHOOLS

I. — MEDICAL INSPECTION OF PUPILS

Investigation of physical defects and Notice to Parents (Form No. 13) — A, B and C.

For the purpose of aiding the function of Medical Inspection of schools and to direct the nurses in their home

visits of which the principal object is the correction of physical defects, it was decided to class these defects into three categories, A, B and C, according to their gravity, the necessity and urgence of correction.

To obtain this new classification, the "general notice to parents" (form No. 13), adopted during the school year 1931-32, and described in the annual report of the Department of Health for the year 1932, was utilized by means of three forms of different colours, corresponding to each of the categories of defects, as follows :

Classes	Notice No. 13	For:
A	A–Rose	Grave and serious defects. Urgent and immediate treatment
B	B–White	(Ordinary notice) where it is recommended seeing the doctor
C	C–Green	An indication of the existence of such or such a defect

The general text of the Notice remains the same, except the part where it is recommended to consult a physician. This text differs from the form used as follows :

1° Notice A (No. 13) — "The examination of your child "shows that he has the defects "marked in the columns to the "right with an arrow (←), and that he needs urgent treatment.

"PLEASE DO NOT DELAY TO
"CONSULT YOUR FAMILY
"DOCTOR OR DENTIST."

2° Notice B (No. 13) — "The examination of your child "shows that he has the defects "marked in the columns to the "right with an arrow (←)." "Kindly take him to your phy- "sician or dentist."

3° Notice C (No. 13) — "The examination of your child "shows that he has the defects "marked in the columns to the "right with an arrow (←).

A duplicate corresponding to each form of Notice is kept by the school nurse as a guide to her work in the correction of the physical defects.

The work of "Medical Inspection of Schools", primary and Junior High, Catholic and Protestant, French and English, and in a certain number of independent or private schools, was accomplished in the course of the school year 1934-35 as is indicated in the following tables.

TABLE VI

Number of schools — Classes and pupils and average number of schools and pupils for each medical inspector and visiting-nurse.

		Catholic	Protestant	Independent	Total
Number of	schools	220	49	19	288
	classes	3,460	893	106	4,459
	pupils	114,573	33,271	2,711	150,555
				Schools	Pupils
Average per	medical-inspector			15.2	7924
	school-nurse			4.1	2013

TABLE VII
GENERAL REPORT

I—Work of Medical Inspectors

			July and August (1)	School year	Total
Number of	Visits to schools	Routine	—	3128	3128
		Regular	—	5097	5097
		Total	—	8225	8225
	Examinations	Routine (2)	—	29329	29329
		Periodic Physical	5137	71103	76240(3)
	Children examined in their parents' presence		5137	3401	8538
	Notices to parents		991	18101	19092

II—Work of School Nurses

Number of	Visits	to schools	30072
		to homes	45832
	Examinations		867514(4)
	Pupils	referred to doctors for special examination	29329
		excluded as being suspicious of having contagious disease	3700
		taken to dispensaries	3875
	Various treatments		35985

NOTA. — (1) This report indicates the total examinations done during July and August of all children who entered school for the first time at the beginning of September.

(2) These examinations are comprising the special cases referred or kept under observation.

(3) This number (76,240) shows that 50.64% of all pupils in the schools have received a complete physical examination.

(4) The above number shows that each child has been examined by a nurse an average of 5.8 times during the school year for uncleanliness, pediculosis, skin disease, etc.

TABLE VIII

RESULTS OF PHYSICAL AND ROUTINE EXAMINATIONS, 1934 - 1935.

I—Physical examination

	July and August	School year	Total	% (1)
Number of pupils examined	5137	71103	76240	
(a) Normal	2691	30784	33475	
(b) Sick or presenting one or several defects	2446	40319	42765	56.1
Number of defects found:				
Eyes	163	11781	11944	15.6
Ears	68	1605	1673	2.2
Nose	646	5794	6440	8.4
Tonsils	1224	11905	13129	17.2
Lympathic system	725	10572	11297	14.8
Goitre	15	662	677	0.8
Skin	90	3129	3219	4.2
Lungs	79	2546	2625	3.4
Heart	83	2861	2944	3.8
Digestive system	46	381	427	0.5
Genito-urinary system	103	361	464	0.6
Orthopedic	146	3241	3387	4.4
Nervous system	210	1547	1757	2.3
Mental condition	12	422	434	0.5
Malnutrition	594	10422	11016	14.4
Total number of defects	4204	67229	71433	
Number of pupils showing dental defects	2901	32450	35351	46.4

(1) Percentage based on the percentage of children examined.

TABLE VIII — (Continued)

RESULTS OF PHYSICAL AND ROUTINE EXAMINATIONS, 1934 - 1935. — Continued)

II—Routine examination (during school year 1934–35)

Number of cases discovered amongst school children (at school or home):			% (2)
(a) Contagious diseases:	1–Diphtheria	103	0.06
	2–Scarlet fever	2046	1.3
	3–Measles	4409	2.9
	4–Chicken pox	2997	1.9
	5–German measles	414	0.3
	6–Mumps	498	0.3
	7–Whooping cough	1015	0.6
(b) Parasitic diseases:	1–Pediculosis	13534	8.9
	2–Scabies	810	0.5
(c) Various skin diseases		6978	4.6
(d) Uncleanliness		9886	6.5

(2) Percentage based on the number of pupils attending school.

CONTROL EXAMINATION AND CORRECTION OF PHYSICAL DEFECTS

School year 1934 - 1935.

The control examination or re-examination is made by the medical inspectors and the nurses to discover amongst the pupils who were given a "Notice to Parents" (form No. 13), those whose defects were corrected.

This re-examination is made by the nurses each month, and those treated are shown to the medical inspector who examines the state of correction of the defects. At the end of the school year a general re-examination is made in order to estimate the complete results obtained in the course of the school year.

Those pupils who had a notice No. 13, undergo re-examinations if the notice was not annulled by the correction of the indicated defects, or if the pupil had not in his turn undergone a new periodical physical examination.

The results of these re-examinations, furnishing the correction of physical defects obtained in the course of the school year 1934-35, are to be found in table IX which follows.

TABLE IX

Table showing the number of corrections of physical defects obtained and established by re-examinations made in the course of the school year 1934 - 35.

I — Number of pupils treated	8,460
II — Physical defects corrected :	
Vision	3,484
Eye disease	316
Hearing	194
Ear disease	238
Nasal obstruction	1,778
Tonsils	2,398
Lymphatic system	1,195
Goitre	70
Skin	307
Lungs	270
Heart	246
Digestive system	74
Genito-urinary system..	99
Orthopedic	75
Nervous system	191
Malnutrition	1,128
Total..	12,055
Teeth	5,276
III — Number of special corrections :	
Enlarged tonsils	1,801
Adenoids	1,179
Defective vision	2,870

II — HEARING TEST
by means of
THE AUDIOMETER No. 4 — A
1934 - 1935.

During the school year 1934-35, the testing of hearing acuity by means of the Audiometer No. 4 — A, was made on all pupils in fourteen schools by a specially trained nurse.

The following table shows the results of this special examination.

TABLE X

Hearing tests by means of audiometer No. 4 — A.

			Catholic Schools	Protestant Schools	Total
Number of	Schools visited		13	1	14
	pupils	examined	6370	181	6551
		a) normal	5954	175	6129
		b) defective	416	6	422
CLASSIFICATION OF DEFECTIVE.					
Number of defective pupils	with both ears		115		115
	with right ear only		175	3	178
	with left ear only		126	3	129
OTHER NOTED DETAILS.					
Number of pupils who had	running ears		1100	23	1123
	previous abscesses		3	2	5
	been previously operated		24	2	26

III — MENTAL HYGIENE SECTION

The following table shows the results of the work done in the care of the abnormal mental cases (retarded and unstable) by the four psychiatrists and their four psychologist nurses, in the schools, for the school year 1934-1935, and, at the Laurier clinic during 1935.

TABLE XI

REPORT OF THE PSYCHOMETRIC TESTS

			In schools during 1934–1935	Laurier Clinic 1935	
Number of schools visited			55		
Number of pupils			26600		
Number of pupils	Examined		2913	151	
	Normal	a) I.Q. 90-110	462	1	
		b) I. Q. 80-90 slow-minded	719	1	
		Total	1181	2	
	Abnormal	a) Unsteady	38	16	
		b) Backwards	1606	70	
		C) Unsteady and backwards	88	63	
		Total	1732	149	

Classification of backwards.

Backwards	Total		1694	133	Recommendations
	1. Borderline		976	20	Auxiliary classes
	2. Mental debility	Superior	557	29	
		Inferior	137	36	Technic teaching
	3. Feeble minded		24	41	
	4. Idiocy			7	St. Paul Asylum
Number of visits and investigations by psychologist nurses			259		

Children placed in the special schools during the year 1935.

1o.	Amélie-Tavernier school (St. J. de Dieu hosp.)	90	
2o.	St. Paul Asylum (Baie St. Paul)	1	
3o.	Referred to the dispensaries	56	

IV — DENTAL HYGIENE SECTION
1934 - 1935.

DENTAL INSPECTION IN THE SCHOOLS

In the course of the school year 1934-1935, dental inspection in the schools was continued and shows the following results.

TABLE XII

Number of —

schools to be visited ..	288
pupils in the schools..	150,555
visits to the schools..	1,161
lectures given..	981
pupils who attended lectures	45,925

Special dental inspection.

Number of pupils examined .. 24,445

Number of defects —

		%
Caries	17,834	53.4
Pyorrhea alveolar ..	5	00.1
Gingivitis	447	1.3
Prophylaxis (urgent)	15,140	45.3
Total defects	33,426	

Number of notices sent to parents 16,419

The ratio is based on the total number of defects found (33,426).

DENTAL HYGIENE CAMPAIGNS

1934 - 1935.

During the school year 1934-1935, dental hygiene campaigns were organized in 34 schools as follows : Boucher-de-la-Bruère, François-Laflèche, Gabriel-Lalemant, Garderie-de-l'Enfant-Jésus, Garneau, Gédéon-Ouimet, Jacques-Viger, Jeanne-Mance, Laurier and annex, Louis-Hébert, Marguerite-Lemoyne, Meilleur, Notre-Dame-des-Victoires (girls), Octave-Crémazie, St-Charles, St-Jacques, St-Jean-l'Evangéliste, St-Herménégilde, St-Louis-de-France, St-Marc, St-Pierre, St-Victor (boys and girls), St-Vincent-de-Paul, Ste-Brigide (boys), Ste-Claire, Ste-Cunégonde (girls), Ste-Jeanne-d'Arc (boys and girls), Salaberry, Viel and Ville-Marie.

These campaigns were completed successfully, due to the splendid co-operation which existed between the inspecting dentists, the school nurses, the school principals and the teaching staff.

A summary of the work done is shown in table XIII which follows.

TABLE XIII

Special report of the Dental Campaigns for 1934 - 1935.

Number of schools	34
Number of pupils —	
in these schools	17,573
examined	15,940
showing dental defects	10,505

TABLE XIII — (Continued)

Defects found :

Number of —	
carious teeth	35,145
gingivitis and pyorrhea	195
cases of prophylaxis	4,252

Treatments done :

Number of teeth —	
extracted	31,039
filled	196
prophylaxis	1,202

MUNICIPAL DENTAL CLINICS

The reopening of the "St. Henri Dental Clinic" and the organization of a new municipal dental clinic in the St. Denis bath were important improvements to note for the year 1935.

The reopening of the St. Henri Dental Clinic, situated at 795 College Street, under the direction of the Department of Health, took place on May 31, 1935, after an understanding between the said Department and the administration of the St. Henri refuge.

In addition, another dental clinic was organized at the

St. Arsene clinic, situated at 7073 St. Hubert Street, (St. Denis bath). This was opened December 16, 1935.

These two dental clinics will function by being staffed by dentists and nurses from the Division of Child Hygiene.

On December 31, 1935, there were four municipal dental clinics at the disposition of the poor school children.

TABLE XIV

Report of the Municipal dental Clinics for 1935.

Number of dental clinics	4
Number of children —	
Examined	15,491
Treated	14,861
Number of treatments —	
Extractions	11,187
Prophylaxis	3,996
Dressings	1,038
Total	16,221
Number of teeth extracted	56,109

V — MEDICAL EXAMINATION OF TEACHERS

During the school year 1934-35, the lay teachers, and employees (janitors and others) connected with the Catholic School Commission, were submitted to a periodic medical examination in conformity to the agreement agreed in the month of June 1933, between the Catholic School Commission and the Department of Health.

It is important to note that the religious teachers of the St. Viateur Junior High School were submitted to a periodic medical examination, following an understanding on this subject.

The Division of Child Hygiene, whose personnel was charged with this work, acknowledges its thanks for the collaboration accorded to it, to the Provincial-superior of the "Clercs St. Viateur", to the religious personnel of the "Clercs St. Viateur", to all the principals, lay teachers and employees of the Catholic schools who had undergone this examination.

The number of lay teachers and employees (janitors, etc.) including 18 religious, who were examined during the course of the school year 1934-1935, was 2,135; of whom 332 were examined by their family doctors and, 1,803 by the medical inspectors.

The results of the observations obtained are indicated in the table as follows : 1° in the column "First examination", form 95, the results of the examination of the new employees, and, 2° in the column "Annual", form No. 96, the results of the examination of those who, having undergone the first examination the previous year, were submitted to the annual examination according to form No. 96.

TABLE XV

Medical examination of teachers and employees of the Catholic School Commission School year 1934 - 35.

				"First" Form No. 95	"Annual" Form No. 96
Personnel	Principals, directors and assistants			1	72
	Special professors			7	50
	Male teachers			62	721
	Female teachers			34	929
	Janitors and other employees			54	205
	Total			158	1977
	Grand total				2135
Examined by	School medical inspectors			123	1680
	Family doctors			35	297
	Total			158	1977
	Grand total				2135
Vaccination against smallpox					
Number of employees	Non-vaccinated			8	97
	Vaccinated since	more than	25 years	33	634
			15 years	60	903
			7 years	47	225
		less than 7 years		10	118
Defects	Lungs (other than tuberculosis)			5	24
	Heart			13	94
	Liver			4	35
	Digestive system			16	108
	Teeth			32	11
	Visual acuity			20	244
	Hearing acuity			11	61
	Nervous system			11	72
	Kidney:	Urinalysis:			
		(a) albumen		15	195
		(b) sugar		2	34
	Tuberculosis: History, personal or familial			21	15

The notes which show the defects encountered are based on the answers of the personnel to the questions submitted and on the physical examination made by the physician. He satisfies himself with the discovery that an organ is not normal and he does not endeavour to make a precise diagnosis of an existing disease. He makes no comment nor does he draw any conclusion or suggest any recommendation, except when he is concerned with one of the contagious diseases included in the group of those which are governed by provincial by-law.

Following the agreement made, the School Commission decides alone the measures to take in each separate case, after receiving advice from the proper medical advisers.

It is necessary to remark that the note written "tuberculosis" does not indicate only that an equal number of professors is so concerned who are suffering from tuberculosis at present or who have lately suffered from this disease, but the figures really intimate all those who have had a past history personal or familial, immediate or far removed, of the disease. Those cases are all given in order to draw special attention to them so that when they have an opportunity they will not delay adopting necessary measures.

VI — DAILY VACATION BIBLE SCHOOLS

During the months of July and August 1935, lasting for a period of six weeks, an organization called "The Daily Vacation Bible Schools of Montreal" opened a certain number of classes in 8 schools of the City of Montreal, where the children received special training such as manual training work, singing, etc.

Six doctors and six visiting-nurses from the Division of Child Hygiene have been put in charge of the medical examination of these classes and they have also made visits to the homes of children suffering from any physical defects.

Following table shows the result of this work.

TABLE XVI

Number of schools visited	8
Number of pupils :	
Examined	1,142
Normal	660
With physical defects	482
Number of physical defects found	636
Number of dental defects	554
Number of pupils found not vaccinated	110
Number of pupils vaccinated	90
Number of revaccinations	3
Number of verifications or certificates	79
Number of notices to parents	62
Number of visits to the homes	554

VII — SUMMER CAMPS

In the latter part of the month of June and during July and August 1935, the medical inspectors and nurses of the Child Hygiene Division have made a medical examination of 1938 children before departure for various summer camps, specially chosen for children of the Montreal district.

The medical examination consists particularly in searching for contagious diseases, skin diseases, parasites, etc., and elimination of all suspected cases. Each child must show evidence of successful vaccination, if not he is refused permission to depart for camp.

Height and weight calculations are taken for each child and are written on the admission cards which allows the organizers to have a record when the children return to town and to note the good effects rendered the young people during their sojourn in the counry.

The number of children examined for the different camps is as follows :

TABLE XVII

	Summer Camps	Children examined
1°	"Les Grèves" (boys)	1,392
2°	"Ste. Thérèse de l'Enfant-Jésus" (girls)	39
3°	"Ste. Jeanne-d'Arc" (girls)	291
4°	"Le Grillon" (boys and girls)	198
5°	"Catholic Girls League"	18
	Total	1,938

THIRD PART

I — IMMUNIZATION AGAINST DIPHTHERIA

In the Schools and in the Municipal Well-Baby Clinics 1928 - 1935.

During the year 1935, immunization against diphtheria was successfully continued in the municipal preschool and Well-baby clinics, and in the schools.

It should be noted that 13,068 children received their first dose of Anatoxin Ramon in 1935, and, of this number, on December 31st., 12,249 had received two doses, and 10,672 had received the three doses; this number will be completed in the course of the first six months of the year 1936.

TABLE XVIII

Showing the general results of the Diphtheria Immunization made in the municipal clinics and in the schools since September 1928 up to December 31, 1935.

		1928–1933	(1) 1934	(2) 1935 (Dec. 31)	Grand total
I–Anterior Schicks		26759	189	102	27050
II–Number of children	Registered for immunization	81620	12000	13068	106688
	1o–Received 3 doses	76127	(1) 11484	(2) 10672	98283
	2o–Received only 2 doses	2860	243		3108
	3o–Received only 1 dose	2653	273		2926
III–Posterior Schicks		28790	24		28814
IV–Supplementary injections (4th dose)		172			172

(1) The number of those who received the three injections has been completed during the year 1935.

(2) The number of those who received the three injections will be completed during the year 1936.

NOTA.—On March 1st 1936, the number of children registered for immunization in 1935 and who received the 3 doses of Anatoxin Ramon is 12,223.

II — VACCINATION AGAINST SMALLPOX

The following table indicates the number of vaccinations made by the medical inspectors during 1935 in the schools, the municipal baby clinics and industrial establishments.

TABLE XIX

Number of vaccinations :	
In the schools and clinics	14,719
In industrial establishments.	362
Total	15,081
Number of revaccinations	1,204
Number of verifications or certificates	12,794

III — DISTRIBUTION OF LITERATURE

A certain number of publications, circulars and posters, are distributed annually by the Division of Child Hygiene.

Circulars :

No. 2 — "Height and Weight of Children"	25,300
No. 3 — "Immunization against Diphtheria"	18,460
No. 4 — "Help the Child" (Mental hygiene)	100
No. 51 — "Prevention of Diphtheria in our Homes"	1,000
Letters from the Director to mothers on the occasion of the birth of a child	14,000
Letters from the Dirctor to mothers when the child is 6 months old	7,083

Posters :

No. 1	— "Help the Child"	169
No. 2	— "Infant Hygiene"	14,000
No. 3	— "Mother, nurse your child"	20,400
No. 4	— "Campaign to wipe out diphtheria"	(Out of print)

Publications :

No. 2	— "Infant Hygiene" (french)	15,700
No. 2a	— "Infant Hygiene" (english)	4,745
No. 3	— "Prenatal Hygiene"	2,740
No. 4	— "Child Hygiene League" (french)	5,447
No. 4a	— "Child Hygiene League" (english)	500
No. 5	— "Breast feeding"	12,600

Scholarship.

One of the two scholarships at the Johns Hopkins School of Hygiene and Public Health, Baltimore, U.S.A., granted by the City of Montreal to asusre the efficiency of the personnel of the Department of Health, has been awarded to a medical inspector of the Child Hygiene Division, Dr. J. A. Landreville.

During the course of the year 1935, the doctors and nurses gave their efficient aid to the Division of Contagious Diseases and Medical Control.

I am also pleased to underline the fine spirit which reigned amongst the members of the personnel. Allow me to felicitate and thank them for the devotion which they showed in the accomplishment of their duties.

Division of Sanitation

DIVISION OF SANITATION

Dr. S. Boucher, D.P.H., LL.D.,

Director, Department of Health,
City Hall, Annex,
Montreal.

Dear Sir : —

I have the honor to submit to you the 1935 annual report of the division of Sanitation, in which the statistics of the operations of the year are summarized in a series of tables corresponding to each of the activities of this division, followed, in certain cases, by explanatory notes.

Respectfully submitted,

AIME COUSINEAU, C.E.,

Superintendent-Engineer,
Division of Sanitation.

ANNUAL REPORT OF THE DIVISION OF SANITATION FOR 1935.

The statistics of the operations of the division of Sanitation for the year 1935 have been summarized in this report under the following classification : —

I. Examination of plans and specifications of new or modified buildings.

II. Sanitary Records of dwellings.

III. Sanitary inspection, including :

(a) complaints and their inquests;

(b) regular inspections of various industrial, commercial and educational establishments, institutions, theatres, etc.;

(c) inspection of lanes, yards, vacant lots, sheds, stables, etc.;

(d) inspection of privies, cesspools, etc.

IV. Plumbing and drainage in new or modified buildings.

V. The work of the Board of Examiners of plumbers.

VI. License — permits of various categories.

VII. Notifications and prosecutions.

VIII. Inspections relating to the enforcement of the following special by-laws :

(a) By-law No. 1006 : concerning barber-shops, hairdressing parlors, etc.;

(b) " 1009 : concerning laundries, etc.;

(c) " 1089 : concerning mattresses and other stuffed articles of bedding, etc.;

(d) " 1203 : concerning the water supply of establishments in the City, etc.;

(e) " 1252 : concerning public baths and bathing;

(f) " 1275 : concerning the use of fumigants for the destruction or control of vermin;

(g) " 1341 : concerning plumbing.

IX. Supervision of the Inspectors' work.

I.

EXAMINATIONS OF PLANS AND APPLICATION FOR PERMITS.

(a)	New constructions	748
(b)	Modified constructions	1,610
(c)	Plumbing	1,649

II.

SANITARY RECORDS OF DWELLINGS.

This work carried on, from year to year, since 1921, has given the following results at the end of 1935 :

		Re-survey (1935)	Survey and re-survey (1921-1935)
(a)	**INSPECTIONS**	17,644	299,571
(b)	**FINDINGS :**		
	(1) occupied dark rooms	149	10,630
	(2) unoccupied dark rooms	115	1,887
	(3) insanitary dwellings (inhabited cellars, etc.)	52	1,200
(c)	**NOTIFICATIONS :**		
	(1) dark rooms	97	5,447
	(2) insanitary dwellings (inhabited cellars, etc.)	14	1,154
(d)	**EXECUTION :**		
	(1) corrected dark rooms	292	7,703
	(2) placarded dark rooms	876	4,157
	(3) insanitary dwellings (inhabited cellars, etc., vacated)	31	412

(a) The number 299,571 includes 141,877 dwellings visited during the period 1921-29, and 157,694, during the period 1930-1935.

(b) This inspection has allowed us to locate dwellings containing rooms not lighted directly to the outside air; 10,630 such rooms have been recorded of which 7,703 or 72.5% had been corrected.

(c) 4,157 rooms have, moreover, been placarded.

(d) The above figures show that 72.5% of the number of dark rooms recorded have been corrected, and 34.3% of the number of insanitary dwellings recorded have been vacated.

III.

SANITARY INSPECTIONS.

(a) COMPLAINTS AND INQUIRIES:

Total number	9,583
Founded	6,170
Not founded	3,413

The measures ordered and executed after investigation are the following :

Plumbing and drainage	1,379
Constitutional insalubrity	586
Acquired insalubrity (dwellings)	1,596
Acquired insalubrity (yards and out-houses)	2,609
Total number of complaints founded	6,170
Water leakage	1,741

(b) REGULAR INSPECTIONS:

The following table gives the total number of inspections in each class of buildings and the defects found therein :

	Inspections (1)	Defective Plumbing & Drainage (2)	Other Defects	Unclean
Dwellings	36340)	3061	825	960
Boarding-houses	128)	.....	.....	.....
Boarding-houses for children, clinics, hospitals (3)	37	.....	.....	.....
Public buildings, stores and other establishments	3951	215	.....	190
Theatres, moving pictures, public halls, etc	250	13	.....	23
Industrial establishments	1511	105	.....	237
Educational establishments (4)	633	8	.....	11
Laundries (By-law No. 1009)	2151	75	.....	312
Barber shops, hair-dressing parlors etc. (By-law N0. 1006)	5154	46	.....	367
Establishments: Manufacturing of mattresses, filling materials (By-law No. 1089)	1831	.....	.....	.....
Various buildings (gas piping and fixtures) By-law 1226	3337	862	.....	.....
Public baths (by-law No. 1252)	376	.....	.....	.....
Fumigation (By-law No. 1275)	3260	.....	.....	.....

(1) These figures include the number of dwellings visited in 1935, exclusive of second visits; 17,644 records of dwellings have been filled, revised and indexed.

(2) In many places defects were found after a smoke test which was necessary in 34 cases.

(3) The supervision of this work is under the jurisdiction of the Division of Child Hygiene, with whom we co-operate.

(4) General inspections of all schools are made in the course of the school year. The medical inspection of schools has been placed under the direction of the Division of Child Hygiene, but when necessary the co-operation of the Division is called.

(c) INSPECTION OF LANES, YARDS, CELLARS, AND OUT-HOUSES.

This work can be summarized as follows :

	Inspections
Lanes	3,820
Yards	38,727
Vacant lots	6,112
Sheds	24,377
Cellars and basements	17,301
Manure boxes (nuisances)	80
Stables	578

(d) PRIVY VAULTS AND CESSPOOLS.

At the end of 1935 there were 703 privy vaults and cesspools in the City of Montreal, nearly all of which were located in the outlying wards of the City.

IV.

PLUMBING AND DRAINAGE.

(New or modified buildings)

		Inspections
1.	Drains	942
2.	Piping (before installation of fixtures)	2,327
3.	" (after installation of fixtures)	2,426
4.	Oil of mint tests	12
5.	Water tests	1,093
6.	Works completed and tested	1,659
7.	Calls for inspections	3,923

V.

BOARD OF EXAMINERS FOR PLUMBERS.

a)	Number of sittings	22
b)	Number of candidates	86
c)	Number of candidates admitted	64
d)	Number of candidates not admitted	22
e)	Number of examinations	298

VI.

LICENSE PERMITS.

a)	Master-plumbers (By-law No. 1341)	586
b)	Journeymen-plumbers (By-law No. 1341)	482
c)	Barber-shops (By-law No. 1006)	1,836
d)	Laundries (By-law No. 1009)	381
e)	Establishments : Manufacturing of mattresses, filling materials, etc. (By-law No. 1089)	119
f)	Public baths (By-law No. 1252)	34
g)	Master-fumigators (By-law No. 1275)	7
h)	Fumigators (By-law No. 1275)	11
i)	Journeymen - fumigators (By-law No. 1275)	21
j)	Undertakers (By-law No. 1339)	60
k)	Embalmers (By-law No. 1339)	38

VII.

NOTIFICATIONS AND PROSECUTIONS.

Notifications by inspectors	9,879
Official notices served	4,113
Final notices	1,161
Prosecutions (Recorder's Court)	71
Convictions	63
Pending judgments	3

VII.

ENFORCEMENT OF SPECIAL BY-LAWS.

The statistics relating to the enforcement of by-laws concerning barber-shops, etc. (No. 1006), laundries No. 1009), mattresses and other stuffed articles (No. 1089), and gas installations in buildings (piping, appliances and flue connections, No. 1226), are contained in the table relating to regular inspections III (b).

(a) By-law No. 1203 : concerning the water supply of establishments located in the City of Montreal.

This By-law is enforced jointly with the Public Works Department.

The following figures summarize the work accomplished in 1935 :

1.	Preliminary inspections	11
	New cases found	12
	Permits granted by the Executive Committee (1935)	15
	Permits granted (total)	49
	Auxiliary water supply abandonned ..	3
	Water samples taken	18
	Modification projects under preparation	77
2.	Laundries (By-law No. 1203)	287
	Cross-connections with City water service	250
	Cross-connections removed	160

(b) By-law No. 1252 : concerning public baths and bathing.

Swimming pools within City limits may be classified as follows at the end of 1935 :

		Municipal baths	Semi-public baths	Total
(a)	Filters and automatic disinfection equipment :			
	1. chlorination	6	3	3
	2. ultra-violet rays ..	0	1	1
(b)	Filters and intermittent disinfection	10	4	14
(c)	Intermittent disinfection only	2	1	3
(d)	Beach and open air pools	6	3	9
	Total..	24	12	36

The work of supervision has required in 1935, the collection of 376 water samples. The number of admissions in municipal baths amounts to 1,007,421.

(c) By-law No. 1275 : concerning the use of fumigants for the destruction or control of vermin.

Number of fumigations	388
Inspections	3,260
Number of dwellings	1,159
Number of rooms	4,717

IX.

SUPERVISION OF THE INSPECTOR'S WORK.

Control reports	1,459

Division of Food Inspection

DIVISION OF FOOD INSPECTION.

Dr. S. Boucher, M.D., D.P.H., LL.D.,

Director, Department of Health,

City Hall, Annex.

Dear Sir : —

I have the honor to submit herewith the annual report of the Division of Food Inspection for the year 1935.

In the following report will be found a brief statement of the work performed by the different sections of the division under my supervision.

Respectfully submitted,

A. J. G. HOOD, D.M.V.,

Superintendent, Food Inspection Division.

DIVISION OF FOOD INSPECTION.

Section No. 1.

Inspection of Milk in the City.

1935.

COLLECTION OF SAMPLES FOR CHEMICAL ANALYSIS.

MILK						CREAM		
On the street	At railway stations	In groceries	In dairies	In various places	Total	Collected by the inspectors in the stores.	Submitted by citizens	Total
967	0	467	694	342	2470	195	41	236

Average : DENSITY and BUTTERFAT of above samples.

1,0305 3.54%

COLLECTION OF SAMPLES FOR BACTERIOLOGICAL ANALYSIS.

Milk	6,415
Cream	411
Ice Cream	369
Rincing water RE/ washing of dairy utensils	1,103
Drinking water	404
River water for ice cutting	13
Water from wells and springs	108
Total	8,823

Section No. 1. — (Continued).

EXAMINATION OF MILK.

In the City.

MILK :	
Acidity tests	832
Sediment tests	28,197
Temperatures taken	38,378
Babcock tests	2,926
Physical examination (color, taste and smell)	49,359
Total number of gallons examined	934,128
CONFISCATIONS :	
Milk (in gallons)	46,179½
Cream (in quarts)	465

INSPECTION OF MILK PRODUCERS IN THE COUNTRY.

1935.

INSPECTIONS :	
Dairy score cards	4,525
Special	8,592
At Railway Stations	46
Total	13,163
COWS :	
Number examined	71,528
Clean	64,649
Tuberculin tested within the year	71,020
Tuberculin test overdue	508
STABLES :	
Number	4,525
Clean	4,236
With concrete floor	4,388
With 400 cubic feet of air space per animal	3,998
With 1 foot of light area per animal	4,049
Whitewashed entirely	3,692

Section No. 1 — (Continued).

DAIRIES :

Number	4,465
Clean	4,211
Unfinished or unsuitable	60

REFRIGERATION :

With ice	4,247
With spring water	264
Producers not having satisfactory cooling systems	14

MISCELLANEOUS :

Written notices	2,127
Written notices by letter from the Office	1,092
Producers interdicted	705

INSPECTION OF CREAM PRODUCERS IN THE COUNTRY.

1935.

INSPECTIONS :

Dairy score cards	965
Special	924
At Railway Stations	6
Total	1,895

Section No. 1 — (Continued).

COWS :

Number examined	12,483
Clean	11,105
Tuberculin tested within the year	12,362
Tuberculin test overdue	121

STABLES :

Number	965
Clean	864
With concrete floor	775
With 400 cubic feet of air space per animal	862
With 1 foot of light area per animal	846
Whitewashed entirely	913

DAIRIES :

Number	954
Clean	895
Unfinished or unsuitable	11

REFRIGERATION :

With ice	625
With spring water	169
Producers not having satisfactory refrigeration	171

MISCELLANEOUS :

Written notices	572
Written notices by letter from the Office	214
Producers interdicted	157

Section No. 1 — (Continued).

INSPECTIONS.

In the City.

At the Railway Stations	446
In dairies	5,095
In groceries	5,131
In dining-rooms	949
In restaurants	4,795
In markets	624
In stables	419
In private houses	93
In various places	524
Special	1,673
Total	19,749

Milk cows examined	2,575
Empty cans examined	56,279
" " confiscated	313
Can tops (lids) confiscated	178
Notices for poor milk	348
Written notices (various)	9,582
Actions taken	50
Condemnations	35
Actions dismissed	4
Action withdrawn	1
Actions suspended	10

Section No. 1 — (Continued).

OBSERVATIONS AND IMPROVEMENTS. — 1931 to 1935.

Inspection of dairy farms. MILK.

	1931	1932	1933	1934	1935
Number of producers visited	4373	4562	4679	4685	4525
Cows examined	65676	69403	74766	73546	71528
Cows found clean	59055	63428	68082	67392	64649
Stables with cement floor	3748	3903	4152	4075	4388
Stables with 400 feet of cubic air per animal	4175	4250	4507	4496	3998
Stables with one square foot of glass per animal	4107	4304	4500	4490	4049
Whitewashed stables	4218	4383	4514	4490	3692
Clean stables	4042	4237	4383	4376	4236
Producers having a dairy	4296	4470	4597	4582	4465
Producers whose dairy was not found satisfactory	55	89	82	103	60
Producers whose dairy is maintained in a clean condition	4241	4381	4436	4437	4211
Producers having ice	3887	4210	4266	4341	4247
Producers cooling milk in spring water or wells	139	143	161	203	264
Producers not having satisfactory cooling systems	347	209	252	141	14
Notices in writing	1006	830	779	932	2127
Notices (letter from office)	5312	5487	500	675	1092
Producers interdicted	207	112	110	543	705

PROGRESS IN THE METHODS AND EQUIPMENT OF MILK PRODUCERS.

1931 to 1935.

	1931	1932	1933	1934	1935
Cows:					
Clean	89.94%	91.39%	91.06%	91.63%	90.38%
Stables:					
Whitewashed	96.91%	96.49%	96.47%	95.84%	81.59%
Clean	92.43%	92.87%	93.67%	93.40%	93.61%
With concrete floors	85.70%	85.55%	88.73%	86.98%	96.99%
Milk rooms:					
Number	98.23%	97.98%	98.25%	97.80%	98.67%
Clean	98.72%	98.00%	96.50%	96.83%	94.31%
Refrigeration:					
With ice	88.88%	92.28%	91.18%	92.65%	93.86%
With spring water or wells	3.19%	3.13%	3.44%	4.33%	5.83%

1935.

DIVISION OF FOOD INSPECTION.

Section No. 1.

RECAPITULATION.

Total number of establishments	13,116
" " " inspections	34,807
" " " cows examined	86,586
" " " samples of milk, cream and ice-cream collected for chemical and bacteriological analyses	11,529
" " " various examinations of milk, cream and ice-cream	119,692
" " " gallons of milk examined	934,128
" " " " " " confiscated	46,179½
" " " quarts of cream confiscated	465
Complaints	55
Actions taken	50
Condemnations	35
Actions suspended	10
Action withdrawn	1
Actions dismissed	4
Written notices	13,587
Permits recommended	577

STATEMENT OF PROSECUTIONS ENTERED IN THE RECORDER'S COURT AND RESULTS by Section No. 1. OF THE FOOD INSPECTION DIVISION. 1935.

Number of prosecutions	By-law No. 891	Fines	Costs
	Article 2 :		
7	(selling milk and cream in the City without a permit for license)	$ 60.00	$ 35.98
	Article 10 :		
6	(delivery vehicles not bearing name and address and dirty; vehicles not exclusively reserved to convey milk)	60.00	23.68
	Article 12 :		
5	(milk not kept in a clean atmosphere)	50.00	24.89
	Article 20 :		
1	(milk cans not bearing a label)	10.00	4.03
	Article 24 :		
1	(cans of milk on a railway platform for over 30 minutes after the arrival of the train)	10.00	3.90
	Article 25c :		
1	(milk the temperature of which is above 50° Fahr.)	10.00	6.70
	Article 41 :		
1	(refrigerator dirty)	15.00	5.23
	Article 54 :		
1	(smoking in the dairy)	10.00	4.08

STATEMENT OF PROSECUTIONS ENTERED IN THE RECORDER'S COURT AND RESULTS

by Section No. 1 — (Continued).

OF THE FOOD INSPECTION DIVISION.

1935.

Number of prosecutions	By-law No. 891	Fines	Costs
	Article 86 :		
1	(milk not containing the required percentage of butterfat or density)	25.00	4.25
	Article 87 :		
2	(dirty milk or cream)	50.00	12.15
	Article 136 :		
2	(name of the products not indicated on label)	20.00	8.13
	Article 139 :		
1	(adulterated or unwholesome milk)	10.00	4.70
	Article 153 :		
3	(selling milk or cream after having been interdicted)	35.00	16.35
	By-law No. 432		
	Article 29 :		
3	(canvassing milk or cream without a permit for license)	20.00	17.70
10	Actions suspended.		
4	" dismissed.		
1	" withdrawn.		
50	Total	$385.00	$171.77

1935.

DIVISION OF FOOD INSPECTION.

Section No. 2.

	Total number of establishments	Total number of inspections
Private abattoir (City)	1	297
Private abattoirs (country)	548	1,629
Markets	7	477
Butchers	378	5,684
Butchers-grocers	760	20,813
Grocers	1,214	15,033
Poultry dealers	94	1,085
Fish stalls	31	479
Cold storages	15	129
Sundry manufacturers	15	767
Sundries	370	755
Special	...	1,546
	3,433	48,694

Written notices	2,932
Actions taken	49
Convictions	48
Case dismissed	1
Complaints	67
Samples collected	631
Analyses	662
Dogs having bitten someone	328
Dogs visited, having bitten someone	1,040
Research RE/ Negri bodies	12
Permits granted	1,618
Country abattoirs interdicted	198

1935.

DIVISION OF FOOD INSPECTION.

Section No. 2 — (Continued)

CARCASSES INSPECTED AND CONFISCATED.

At the private abattoir.

	Inspections	Confiscations
Cattle	327	..
Calves	1,586	..
Carcasses of mutton	1,571	..
Hogs	677	..
Total	4,161	..

At the inspection stations.

	Inspections	Confiscations
Calves	26,595	80
Carcasses of mutton	3,532	2
Hogs	31,348	26
Total	61,475	108

At the commission stores.

	Inspections	Confiscations
Calves	49,369	341
Carcasses of mutton	12,630	34
Hogs	43,698	206
Total	105,697	581

Total number of carcasses inspected	171,333	
Total number of carcasses confiscated		689

N.B.—The inspection at the public abattoirs is performed by the Federal Government.

1935.
DIVISION OF FOOD INSPECTION.

Section No. 2 — (Continued)

FOODSTUFFS AND MEATS CONDEMNED (lb.).

	Private abattoir	Inspection stations	Commission stores	Markets, butchers, etc.	Total
Beef	.....	.....	30	1105	1135
Veal	.....	.....	1324	234	1558
Mutton	.....	.....	197	381	578
Pork	.....	8428	10302	3802	22532
Poultry	.....	.....	663	1022	1685
Fish	.....	.....	.....	32857	32857
Sundry meats	2175	363	610	34063	37211
Sundry foodstuffs	.....	.....	.....	51062	51062
Total	2175	8791	13126	124526	148618

N.B.—The above foodstuffs and meats have been condemned for the following reasons: spoiled, mouldy, slimy, sour, dirty and effected with disease, and calves too young.

RECAPITULATION.

Total number of establishments	3,433
Total number of inspections	48,694
Total number of carcasses inspected	171,333
Total number of carcasses confiscated	689
Foodstuffs and meats condemned (lb.)	148,618
Actions taken	49
Convictions	48
Case dismissed	1
Complaints	67
Samples collected	631
Analyses	662
Written notices	2,932
Dogs having bitten someone	328
Dogs visited having bitten someone	1,040
Research RE/ Negris bodies (all negative)	12
Permits granted	1,618
Country abattoirs interdicted	198

SUMMARY AND RESULTS OF THE ACTIONS TAKEN BY SECTION No. 2 OF THE FOOD INSPECTION DIVISION, DURING 1935.

By-Law	Article	Against	Number of actions	Offense	Fines	Costs	Total
828	19	Poultry dealer	1	Establishment dirty	$ 5.00	$ 4.90	$ 9.90
	20B	Butcher	1	Establishment dirty	.....	3.90	3.90
	22	Butcher	1	Establishment dirty	10.00	3.90	13.90
		Poultry dealer	1	Establishment dirty	5.00	5.08	10.08
	27	Poultry dealer	1	Establishment dirty	2.00	4.90	6.90
	29	Poultry dealer	3	Establishment without permits	.....	16.44	16.44
896	3	Butchers	1	Establishment without permits	40.00	4.78	44.78
	21	Butchers	1	Meat truck dirty	40.00	13.00	53.00
	25	Butchers	1	Use of preservatives	40.00	.....	40.00
		Sausage manufacturer	7	Use of preservatives	370.00	37.14	407.14
	26	Butchers	2	Having meat unfit for human consumption	80.00	8.73	88.73
	40	Farmer	1	Having meat unfit for human consumption	20.00	.....	20.00
926	21	Casings	2	Establishments dirty	15.00	8.46	23.46
	27	Butchers	7	Establishments dirty	70.00	11.36	81.36
		Grocer	1	Establishments dirty	S.S.	S.S.	S.S.
	31	Grocer	1	Establishments dirty	10.00	3.90	13.90
	63	Butcher	1	Use of preservatives	40.00	3.90	43.90
	64	Butchers	2	Establishments dirty	20.00	7.80	27.80
1120	49	Butchers	8	Foods exposed, not protected	80.00	30.35	110.35
		Grocers	3	Foods exposed, not protected	30.00	7.93	37.93
	49A	Butcher	1	Foods exposed outside	10.00	4.73	14.73
		Grocers	2	Foods exposed outside	35.00	9.66	44.66
			49		$922.00	$190.86	$1112.86

FOOD INSPECTION DIVISION

Section No. 3.

Section of inspection for restaurants, diring-rooms, bakeries, etc.

1935.

1° Kinf of establishments :

	Number of establishments to be visited	Number of visits
1° Hotels	52	300
Restaurants	4,965	20,688
Dining-Rooms	726	8,850
Bakeries	119	2,903
Confectioneries	80	1,801
Pastry-Shops	103	2,116
Fruit and vegetable stores	227	1,935
Beverage manufacturers	51	901
Sundry manufacturers	140	1,784
Religious institutions	174	138
Taverns	68	176
Special inspections in above mentioned establishments		3,803
Total	6,705	45,395
Vehicles used for the conveyance of foods	1,595	2,367

Section No. 3 — (Continued)

2° Samples collected for analysis :	
Chemical	30
Bacteriological..	660
Total	690
3° Confiscations :	
Utensils	16
Fruits (in pounds)	23,712
Vegetables (in pounds)	33,531
Various foodstuffs (in pounds)	33,321
Total	90,564
4° Sundries :	
Complaints	82
Written notices..	4,300
Actions taken	138
Actions in Court on January 1st., 1935	...
Actions withdrawn	8
Actions dismissed..	4
Convictions	123
Actions in Court on December 31st., 1935	3

Section No. 3 — (Continued)

5° Permits :

Granted in restaurants, dining-rooms, candy stores, etc.	6,745
Granted in bakeries, confectioneries, pastry - shops, beverage manufacturing and various manufacturing	569
Deferred on December 31st., 1935	46
Refused on December 31st., 1935	90
Establishments for which a permit is not required : Religious institutions, welfare associations, etc.	210
Total number of permits	7,660

P.S.—The surplus of permits with the number of establishments to be visited in 1935 is caused by the fact that there has been some establishments where more than one permit was granted, due to the fact that these establishments have changed owners, and that said permits are not transferable.

DIVISION OF FOOD INSPECTION.

Section No. 3 — (Continued)

COMPARATIVE TABLE.

Section of inspection for restaurants dining-rooms, bakeries, confectioneries, pastry-shops, etc.

Establishments:	1932		1933		1934		1935	
	To be visited	Visited	To be visited	Visited	To be visited	Visited	To be visited	Visited
Hotels	.....	.....	55	233	53	336	52	300
Restaurants	4,915	19,664	5,330	21,245	5,359	22,551	4,965	20,688
Dining-Rooms	976	9,374	836	7,536	791	8,599	726	8.850
Bakeries	126	2,770	125	2,614	126	2,959	119	2,903
Confectioneries	87	1,441	85	1,336	88	1,744	80	1,801
Pastry-Shops	136	2,242	115	2,018	100	2,184	103	2.116
Fruits and vegetables stores	259	1,859	209	2,026	213	1,837	227	1,935
Beverages manufacturing establishments	72	1,124	69	1,135	64	1,122	51	901
Various manufacturing establishments	127	1,529	148	1,606	140	2,100	140	1,784
Taverns	252	295	234	326	246	239	68	176
Institutions	109	101	181	248	178	283	174	138
Special inspections	.....	5,567	.....	5,675	.....	3,942	.....	3,803
Total	7,059	45,966	7,387	45,998	7,358	47,896	6,705	45,395
Vehicles	1,473	1,382	1,447	4,685	1,382	4,847	1,595	2,367

DIVISION OF FOOD INSPECTION.

Section No. 3 — (Continued)

COMPARATIVE TABLE — (Continued)

Section of Inspection for restaurants, dining-rooms, confectioneries, bakeries, pastry-shops, etc.

	1932	1933	1934	1935
2° Samples collected for analysis :				
Chemical	21	37	41	30
Bacteriological	1,331	775	780	660
Total	1,352	812	821	690
3° Confiscations :				
Utensils	141	229	74	16
Fruits (in pounds)	21,731	10,170	13,248	23,712
Vegetables (in pounds)	92,346	64,690	43,781	33,531
Various foodstuffs (in pounds)	16,167	12,610	3,537	33,321
Total	130,244	87,470	60,566	90,564
4° Sundries :				
Complaints	111	121	106	82
Written notices	3,525	3,117	3,749	4,300
Actions in Court on January 1st.	....	3	....	....
Actions taken	58	110	97	138
Actions withdrawn	....	2	2	8
Actions thrown out	1	1	4	4
Convictions	54	110	91	123
Actions in Court on December 31st.	3	....	....	3

DIVISION OF FOOD INSPECTION.

Section No. 3 — (Continued)

COMPARATIVE TABLE — (Continued)

Section of Inspection for restaurants, dining-rooms, confectioneries, bakeries, pastry-shops, etc.

5° Permits :	1932	1933	1934	1935
Granted in restaurants, dining-rooms, candy stores,, etc. ..	7,146	7,593	6,837	6,745
Granted in bakeries, confectioneries, pastry-shops, beverage manufacturing and various manufacturing	649	632	604	569
Deferred on December 31st.	20	56	29	46
Refused on December 31st.	78	126	95	90
Establishments for which a permit is not required	122	443	490	210
Total or permits	8,015	8,850	8,055	7,660

P.S.—The surplus of permits with the number of establishments to be visited in 1935 is caused by the fact that there has been some establishments where more than one permit was granted, due to the fact that these establishments have changed owners, and that said permits are not transferable.

STATEMENT OF PROSECUTIONS ENTERED IN THE RECORDER'S COURT AND RESULTS

By Section No. 3 — (Continued)

OF THE DIVISION OF FOOD INSPECTION

1935.

Number of prosecutions	By-law No. 283	Fines	Costs
	Section 4a :		
	(Dirty utensils)		
7	Bakeries,		
1	Pastry-shop	$ 90.00	$ 38.22
	Section 7 :		
	(Dirty delivery waggons)		
1	Bakery.		
	Section 15 :		
	(Foods improperly protected)		
3	Restaurants,		
1	Bakery,		
1	Fruit and vegetable store ..	28.00	20.52
	By-law No. 609		
	Section 15 :		
	(Non-alcoholic beverages containers not bearing labels indicating the nature of the contents and the name and address of the manufacturer)		
1	Non-alcoholic beverage manufacturing.		

STATEMENT OF PROSECUTIONS ENTERED IN THE RECORDER'S COURT AND RESULTS

By Section No. 3 — (Continued)

OF THE DIVISION OF FOOD INSPECTION

1935.

Number of prosecutions	By-law No. 926	Fines	Costs
	Article 2 :		
	(Operating a food establishment without having previously obtained a license to that effect)		
7	Restaurants,		
1	Dining-room,		
2	Confectioneries,		
1	Non-alcoholic beverage manufacturing	$ 12.00	$ 23.03
	Article 10 :		
	(Employees not provided with official medical cards)		
5	Bakeries,		
4	Restaurants,		
5	Pastry-peddlers,		
4	Dining-rooms	100.00	39.16
	Article 20 :		
	(Establishments not reasonably free from flies)		
4	Restaurants,		
1	Dining-room	20.00	25.88
	Article 26 :		
	(Garbage not deposited in metal containers with covers)		
1	Restaurant	10.00	3.73

STATEMENT OF PROSECUTIONS ENTERED IN THE RECORDER'S COURT AND RESULTS

By Section No. 3 — (Continued)

OF THE DIVISION OF FOOD INSPECTION

1935.

Number of prosecutions	By-law No. 926	Fines	Costs
	Article 27 : (Establishments not kept in a clean and sanitary condition)		
1	Bakery,		
14	Restaurants,		
2	Fruit and vegetable stores,		
12	Dining-rooms,		
2	Sundry manufacturing establishments..	325.00	108.12
	Article 31 : (Dirty water-closets)		
1	Fruit and vegetable store ..	3.00	3.73
	Article 46 : (Having sold unwholesome foods)		
1	Fruit and vegetabble Store (wholesale),		
1	Non-alcoholic beverage manufacturing..	10.00	9.81
	Article 60 : (Beverages not dispensed in sanitary containers)		
1	Restaurant.		
	Article 67 : (Use of worn-out or rusted utensils)		
1	Farmer	10.00	4.95

STATEMENT OF PROSECUTIONS ENTERED IN THE RECORDER'S COURT AND RESULTS

By Section No. 3 — (Continued)

OF THE DIVISION OF FOOD INSPECTION

1935.

Number of prosecutions	By-law No. 1120	Fines	Costs
	Article 49 :		
	(Foodstuffs exposed in food establishments without any protection against contamination)		
7	Restaurants,		
1	Dining-room	$ 40.00	$ 15.61
	Article 49a :		
	(Foodstuffs displayed outside of food establishments)		
5	Fruit and vegetable Stores	50.00	11.19
	Provincial Health By-laws		
	Article 39w :		
	(Foodstuffs exposed at shop-windows or offered for sale in streets, not protected against dust and other source of contamination)		
6	Fruit and vegetable peddlers,		
29	Market gardeners,		
1	Fruit and vegetable store ..	8.00	157.48
		$706.00	$461.43

DIVISION OF FOOD INSPECTION

Section No. 4

Weight of bread in the City of Montreal during the year 1935.

	Inspections made	Loaves weighed	Loaves confiscated	Notices sent	Actions taken
In bakeries	1,499	148,490	4,922	45	0
In grocery stores	413	7,986	91	3	0
In pastry shops .	101	2,652	28	2	0
In restaurants . .	166	1,327	0	2	0
In vehicles	162	2,275	187	1	0
Total . .	2,341	162,730	5,228	53	0

Division of Municipal Assistance

DIVISION OF MUNICIPAL ASSISTANCE.

Dr. S. Boucher,

Director of the Department of Health,

City Hall.

Dear Sir : —

I beg to submit herewith the thirtieth Annual Report of the Division of Municipal Assistance for the year 1935.

This year our Division has dealt with 102,947 cases, which necessitated 51,754 investigations and the hospitalization of 54,206 persons at the expense of the City.

These figures do not include the work done at the Meurling Municipal Refuge, which during the year 1935 has supplied 172,828 sleeping accommodation to 4,105 individuals and given 366,467 meals to the individuals lodged.

On the 31st. of December 1935, there remained 1,982 enquiries in abeyance.

A better idea can be formed of the work done by this Division by referring to the report which follows herewith.

The City of Montreal has spent in 1935 for assistance to its ratepayers a sum of $4,333,223.77 as follows : —

A)	Relief of various kinds		$ 2,477,413.91
B)	In Direct Relief		15,591,009.05
C)	Remittance of real estate tax to Charitable Institutions		540,000.00
	Total		$18,608,422.96
	LESS		
A)	Money collected for maintenance . .	$ 26,885.42	
B)	Money collected for amusement tax	342,264.49	
C)	Reimbursement for unemployment by the Federal and Provincial Governments	13,906,049.28	
	Total		$14,275,199.19
			$ 4,333,223.77

Or : — $5,731,606.51 less than 1934.

Respectfully submitted,

A. CHEVALIER,

Superintendent of the Municipal Assistance.

STATEMENT OF THE OPERATIONS OF THE MUNICIPAL ASSISTANCE DIVISION FOR THE YEAR 1935.

Items	Hospitalized	Investigations	Cases	Expenditure	Sums collected
Neglected children	555	957	981	$ 73,568.19	$ 646.80
Juvenile Delinquents and Juvenile Court	231	249	231	57,514.38	330.60
Insane	1,023	1,233	1,281	432,509.14	23,267.21
Incurable patients and others	206	350	350	136,459.53	
Tuberculous	172	177	177	73,000.00	2,516.05
Assistance to the poor		544	544		
Street vendors		123	123		
Special cases		344	344		
Burial of paupers		1,665	1,668	11,230.75	124.76
Deportation of immigrants		59	59		
Repatriation of strangers		511	511	3,296.08	
Charitable institutions having registered (By-Law 626)		208	208		
Persons authorized to collect gifts for said institutions (By-Law 626)		69	69		
Tag-Days		59	59		
Quebec Public Charities Act	52,019	40,235	58,693	1,425,615.71	342,264.49
Dispensaries		4,971	37,649		
Grants				182,455.37	
Total	54,206	51,754	102,947		
In 1934	47,907	43,659	59,888		
Meurling Municipal Refuge—Free night lodgings: 172,828; free meals given: 366,467; Number of men: 4,105				43,629.57	
Administration expenditure of general office				38,135.19	
Direct relief (included miscellaneous expenditure)				15,591,009.05	13,906,049.28
Total money disbursed for assistance purposes				18,068,422.96	
Exemption of taxes to chari able institutions				540,000.00	
Grand total				$ 18,608,422.96	$ 14,275,199.19
In 1934				$ 19,137,722.95	$ 10,045,529.65

A. CHEVALIER, Superintendent of the Municipal Assistance Division.

The following particulars show how the divers sums of money mentioned in the preceding page have been spent : —

Placing of neglected children in schools of industry.

981 applications for placing or discharging neglected children had to be settled during 1935. These applications necessitated 957 investigations, 24 of which remained in abeyance on the 31st. of December 1935.

The result of said investigations was as follows : —

Accepted cases	547
Refused cases	152
Procedures discontinued	91
Applications for release granted	105
Special cases	62
Total	957

Children were placed as follows : —

Children in schools of industry on the 1st. of January 1935			1,055
Admitted during the year : —			
At Maison Ste-Domitille	151		
" Notre-Dame de Montfort	56		
" Orphelinat de Liesse	70		
" Orphelinat d'Huberdeau	62		
Total		339	
Readmitted during the year		216	
Total			555
Total			1,610
Discharged, set free or Internments terminated			634
On the 31st. of December 1935			976

Distributed as follows : —

Maison Ste-Domitille, Laval-des-Rapides	421
Orphelinat de Liesse	318
Orphelinat d'Huberdeau	237

All these are placed at joint expenses with the Provincial Government.

On December 31st. 1935 none was waiting for their admission.

The cost of maintenance of these children was $73,-568.19 in 1935 (paid by the City for transportation $720.35 and to the Provincial Government $72,847.84).

The parents of certain children found able to pay for the maintenance of said children were called upon to refund to the City the amount of $646.80.

JUVENILE DELINQUENTS.

231 cases of juvenile delinquents were reported in the following institutions' monthly report : —

Mont St-Antoine	136
Bon-Pasteur	36
Shawbridge	47
Girl's Cottage	12

249 investigations were completed during the year with the following results : —

Investigations closed	230
Objections to payment	10
Parents having to reimburse	9
Under investigation on December 31st. 1935	11

The sum of $330.60 was collected in 1935 from responsible parties.

On the 31st. of December 1935, there were, in the Reform Schools, at the City's expense, 513 Juvenile delinquents, as follows : —

At Mont St-Antoine	286
" Maison Lorette	98
" Shawbridge	107
" Girl's Cottage	22

The City of Montreal paid to Provincial Government in the year 1935, for the maintenance of the Juvenile Court, the sum of $6,500.00.

Another sum of $50,830.38 was paid by the City for maintenance expenses and $184.00 for transportation expenses in the year 1935, making a total of $51,014.38.

INSANE.

There were in the Asylums for the insane, at the City's expenses, on the first of January 1935, 3,992 patients. During the year, 1023 of these patients were admitted: at St-Jean de Dieu, 723; at Verdun, 159; at l'Hospice Ste-Anne-de-la-Baie St-Paul, 27; at l'Asile de Bordeaux (for the criminal insane), 95; at LaJemmerais School, 19. 664 of these patients were either discharged from these Asylums or died during the year; consequently, there were left 4,351 patients on the 31st. of December 1935, distributed as follows : —

St-Jean-de-Dieu	2,796
Verdun	587
L'Hospice Ste-Anne-de-la-Baie St-Paul	355
Bordeaux (Criminal Insane)	211
Ecole LaJemmerais	104
L'Aide à la Femme	124
Beauport (St-Michel-Archange and Hospice Dufrost)	37
Les Buissonnets	82
St-Ferdinand d'Halifax	55

There was an increase of 33 admissions in the year 1935 over the year 1934

Mental cases in 1935 required 1,233 investigations, the results of which have been as follows : —

Investigations closed	835
Parents having to reimburse the City	181
Special investigations for the Quebec Government	81
Objections to payment	63
Procedures discontinued	66
Insane persons deported	5
" " repatriated	2

On the 31st. of December 1935, there remained 48 investigations to be made. 920 commitment papers were prepared in 1935 by our Division.

The City of Montreal has received for the board of the insane patients, from the latter's parents during the year 1935 the sum of $23,267.21.

The maintenance of the insane patients in the Asylums in the year 1935 has cost the City : —

For the repatriation and transportation of insane persons..	1,720.30
For the maintenance of patients in hospitals	430,788.84
Total	$432,509.14

INCURABLE PATIENTS AND OTHERS.

Applications for the hospitalizations of incurable patients and others during the year 1935 amounted to 350. Investigations have given the following result :

Recommendable cases	236	
Cases not recommendable, etc.	103	
Parents having to refund cost of maintenance to the City	10	
Deported	1	
Hospitalized during the year 1935	206	
Present on December 31st. 1935		224

As follows : —

At l'Hôpital du Sacré-Coeur..	111	75
" the Grey Nun's, St-Mathieu St.	20	40
" St. Luc Hospital	26	4
" Refuge Notre-Dame-de-la-Merci	38	73
" l'Hospice St. Henri	11	32

On the 31st. of December 1935, there were 11 vacant places in the above mentioned institutions : no patients were waiting their admission on the same date.

The amount paid for the maintenance of the incurables during the year 1935 was $136,459.53, as follows : —

To l'Hôpital du Sacré-Coeur	$60,722.02
" the Grey Nun's	14,600.00
" St-Luc Hospital	10,950.00
" Refuge Notre-Dame-de-la-Merci	34,218.75
" Hospice St-Henri	15,968.75

TUBERCULOUS.

There were 177 applications for hospitalization of indigent tuberculous during the year 1935. 9 investigations have given the following result : —

Recommendable cases	157
Cases not recommendable	19
Parents having to refund costs of maintenance	1

The number of tuberculous hospitalized or rehospitalized during the year was 172.

90 tuberculous patients were at the Sacred Heart's Hospital on the 31st. of December 1935 at the City's expenses; there were 10 vacant places and no patients were waiting for their admission on the same date.

The amount paid for the maintenance of the tuberculous during the year 1935 was of $73,000.00.

The Sum of $2,516.05 has been reimbursed to the City by the parents of the incurable or of the tuberculous.

ASSISTANCE TO THE INDIGENTS.

During the year 1935, 544 applications for relief of various kinds were filled with our Division. Most of these cases were referred to the Charitable Institutions.

MENDICANTS AND STREET VENDORS.

123 applications for street vendor licenses were made at our office in the course of the year. These applications have been investigated with the following result : —

Applications recommended upon payment of the $10.00 license fee	6
Applications recommended free of charge	103
Applications not recommended or discontinued	15

SPECIAL CASES.

344 requests for research or information were made through this Division during the year 1935, these being of a particular nature. We are pleased to state that they were attended to satisfactorily.

BURIAL OF INDIGENTS.

1,668 requests for burial of poor persons at the City's expenses were made in 1935. These have necessitated 1,665 investigations, with the following results : —

Persons buried at the City's expenses	1,576
Responsible parties having been called upon for reimbursement of whole or part of expenses incurred	34
Requests refused or discontinued	55
Under investigation on the 31st. of December 1935	3

The amount collected in 1935, from responsible parties for burial expenses was $124.76.

The amount paid by the City for burial expenses during the year 1935 was $11,230.75.

DEPORTATION.

The cases of deportation of immigrants figured at 59 in 1935. After investigation these cases were disposed of as follows : —

Immigrants deported	12
Procedings discontinued or refused	19
Under investigation at Ottawa on the 31st. of December 1935	8

REPATRIATION.

511 requests for repatriation came before this office in 1935. The amount spent by the City for this purpose was $3,296.08. The above mentioned requests were disposed of as follows : —

Persons repatriated at the City's expenses	257
Requests refused or discontinued after investigation	251
Expenses refunded	3

PENSIONS AND ANNUITIES.

Up to May the first 1935, the pensions and annuities paid to City employees were dealt with by our Division of the Municipal Assistance, but since that date they have been transfered to another Division of the Finance Department.

REGISTRATION OF CHARITABLE INSTITUTIONS AND OF PERSONS AUTHORIZED TO SOLICIT GIFTS OR ALMS ON BEHALF OF SAID INSTITUTIONS.

In conformity with the Municipal By-law No. 626, 208 institutions soliciting or collecting gifts or alms have registered in 1935 (in 1934, 209) and 69 persons were authorized to solicit such gifts or alms (in 1934, 104).

TAG DAYS.

His Worship the Mayor received during the year 1935, 59 applications for permission to hold Tag-Days or Guignolees, in compliance with the above mentioned By-law. Those applications were handed to this Department for attention and we reported as follows : —

Favourable recommendations	55
Not recommended	4

27 Associations have held "Tag-Days" on the dates and with the detailed results which will be found in the table on the following page : —

1 Association after having been granted permission to hold a "Tag-Day" did not avail itself of the privilege.

TAG - DAYS IN 1935.

No	Dates	Associations	Received	Expenses	Surplus	% of expenses
1	April 6	Orphelinat St-Arsène	$ 2,022.92	$ 1,594.67	$ 428.25	78.83
2	" 13	School for Crippled Children Incorporated	3,228.95	91.00	3,137.95	2.82
3	" 20	Colonie de Vacance Ste-Thérèse de l'Enfant Jésus	900.00	73.75	826.25	8.19
4	" 27	Fédération Nationale St-Jean-Baptiste	1,733.76	9.80	1,723.96	5.71
5	May 4	Association du Bien-Etre de la Jeunesse	2,621.16	371.95	2,249.21	14.19
6	" 25	Franciscaines Missionnaires de Marie	615.00	108.75	506.25	17.68
7	" 27	Jewish Laurentian Fresh Air Camp	850.40	77.70	772.70	9.13
8	June 1	Providence Notre-Dame de Grâce	875.01	30.70	844.31	3.50
9	" 8	Salvation Army	3,754.87	84.85	3,670.02	2.26
10	" 15	Orphelinat Italien St-Joseph	1,690.80	127.50	1,563.30	7.54
11	" 25	Hebrew Consumptive Aid Association	2,369.37	336.29	2,033.08	14.19
12	" 22	Société St-Jean-Baptiste	606.48	302.69	303.79	49.91
13	July 2	Young Hebrew Malbish Arumim Society	1,445.51	139.94	1,305.57	9.07
14	" 16	St-John Ambulance Association	964.74	290.06	674.68	30.07
15	" 30	Montefiore Hebrew Orphan Home	2,193.20	426.07	1,767.13	19.43
16	Aug. 15	Daughters of Israel Society	791.31	202.05	589.26	25.53
17	" 27	Hebrew Ladies Relief Society	1,256.17	355.86	900.31	28.33
18	Sept. 7	Greek Ladies Benevolent Society	406.93	62.07	344.86	15.25
19	" 10	School Children Milk Fund	1,144.39	337.47	806.92	29.49
20	" 14	Society for the Prevention of Cruelty to Animals	7,163.72	1,137.96	6,025.76	15.89
21	" 21	Ecole d'Hygiène Sociale Appliquée	1,038.00	220.93	817.07	21.28
22	" 28	Société de Secours aux Enfants Infirmes	11,278.89	1,013.51	10,265.38	8.99
23	Oct. 5	Navy League of Canada	710.10	102.43	607.67	14.43
24	" 12	Hellenic Ladies Philanthropic League	390.16	84.30	305.86	21.61
25	" 19	Vétérans Français de la Grande Guerre	177.49	54.08	123.41	31.03
26	Nov. 9	Greater Montreal Poppy Day Relief Fund	12,616.51	3,694.24	8,922.27	29.28
27	" 23	Institut Notre-Dame du Bon Conseil	448.22	35.45	412.77	7.90
		Total	$ 63,294.06	$ 11,366.07	$ 51,927.99	17.96%

QUEBEC PUBLIC CHARITIES ACT.

The proceeds from the "Amusement Tax and Surtax" applied to the making of the Quebec Public Charities Act during the year 1935 were as follows : —

Total revenue from the tax ..		$947,752.42
Government's share		605,487.43
City's share.. ..	$342,264.49	
Less administration expenses	29,016.34	
Net proceeds	$313,248.15	

The City disposed of it's share of the said proceeds as follows : —

For transportation of patients and paid to maternities, crèches and day nurseries	$ 134,463.78
To the Provincial Government for the maintenance of patients in the hospitals, hospices, orphanages, asylums..	1,262,135.59
To include the expenses of collection of the tax	29,016.34
Total	$1,425,615.71

The number of requests for hospitalization under the Quebec Public Charities Act, sent to our Division during the year 1935 was as follows : —

Applications for hospitalization in hospitals, sanatoria, homes and orphanages	35,029
Cases reconsidered	2,178
Under investigation on the 1st. of January 1935	1,238
Transferred to other Institutions	3,369
Total	41,814
Investigations made during the year	40,235
Under investigation on the 31st. of December 1935	1,579
The result of these investigations has been as followed : —	
Accepted cases	35,140
Cases refused	5,095

To these 35,140 cases accepted after investigation, we must include or add 16,879 cases accepted in the maternities, crèches, day nurseries, and schools for crippled children without investigations, making a total of 52,019 hospitalized persons and of 58,693 cases.

SUBSIDIES.

Subsidies and grants accorded by the City of Montreal in 1935 amounted to $182,455.37 distributed as follow : — As per contracts or resolutions for hospital purposes or charitable institutions :

Hospital ambulance service :

Notre Dame Hospital	$ 1,500.00
Montreal General Hospital	1,500.00
Royal Victoria Hospital	1,500.00
St. Luc Hospital	1,500.00
Hotel Dieu Hospital	500.00
St. Justine Hospital	500.00
Western Hospital	500.00
Ste-Jeanne d'Arc Hospital	500.00
Children's Memorial Hospital	500.00
Homoeopathic Hospital	200.00

Patronages and Homes :

Montreal Boys' Home	250.00
Salve Regina Boys' Home	200.00

Home :

Asile des vieillards des Petites Soeurs des Pauvres	1,000.00

Anti Tuberculosis Clinic :

Dispensaire de l'hôpital du Sacré-Coeur	800.00

Education and Assistance :

Ligue de la Sécurité publique	500.00
Institut des Aveugles de Nazareth	600.00
Institut des Sourdes-Muettes	400.00
Association Canadienne-Française des Aveugles	400.00
Montreal Association for the Blind	400.00
St. John Ambulance Brigade	100.00
Société de Secours aux Enfants Infirmes	300.00
Canadian National Institute for the Blind	400.00

Patronages and Homes :

Patronage St. Vincent de Paul ..	250.00
Maison d'Oeuvres Jean le Prévost	250.00

Children's Welfare :

Bien-Etre de la Jeunesse	250.00
Colonie de Vacances des Grèves	500.00
Summer Camp for Girls (Bruchési Institute)	500.00
Summer Camp for Boys (Bruchési Institute)	500.00
Colonie de Vacances Ste-Thérèse de l'Enfant-Jésus..	500.00
Colonie de Vacances de l'Aide aux Enfants Infirmes	300.00
Diocesan Camp Corporation of Montreal	250.00
Colonie de Vacances Jeanne d'Arc	200.00
Children's Hospital	195.00

Educational :

Ecole d'Hygiène sociale appliquée (Conditional)	605.00
Société d'Archéologie et Numismatique de Montréal	500.00

Anti Tuberculosis Clinics :

Institut Bruchési	6,000.00
Institut Bruchési (Dispensaire St-Denis)	1,000.00
Royal Edward Institute	6,000.00
Royal Edward Institute (Rosemont Dispensary)..	1,000.00

Homes, Orphanages and Asylums :

Assistance publique	2,500.00
Bon-Pasteur (Pénitentes)	300.00
Sheltering Home (Temporary Home for Women)	100.00

Fraternal Societies :

Montreal Sailors' Institute	250.00
Catholic Sailors' Club	250.00

Home Relief :

Baron de Hirsch Institute	1,500.00
Catholic Welfare Bureau	500.00
Protestant Relief Committee	500.00

Assistance (Women and Children) :

Maternal Assistance	3,000.00
Royal Victoria Hospital (Maternity)	1,500.00
Grey Nuns (Bureau of Adoption)	1,000.00

Night Refuges, Shelters :

L'Oeuvre des Sans-Foyers (Sister Bonneau)	500.00
Old Brewery Mission	500.00
Union Nationale Française	250.00

Propaganda :

Montreal Tourist and Convention Bureau	3,500.00

General Assistance :

Société Catholique de Protection et de Renseignements	500.00
Salvation Army	1,500.00

Special :

Jewish General Hospital	8,333.00
Montreal General Hospital	25,000.00
St. Mary's Hospital..	30,515.00
Hôpital St-Luc	50,200.00
Institut Neurologique	15,000.00
Society for the Prevention of Cruelty to Animals	1,500.00
Institut Bruchési (Camp David and Perron)	907.37
Total	$182,455.37

The value of the real estate owned by Charitable institutions and exempted from taxation, in 1935, was about $40,000,000. The real estate tax at $1.35 amounts to $540,000.00.

OUT-DOOR CLINICS.

Following negotiations between the various hospitals and the Civic Authorities on the opportunity of creating an organization to investigate the financiel circumstances of patients treated in the free outdoor clinics, the Director of the Department of Health was authorized on March 18th 1935 to set in operation through our Division of the Municipal Assistance the necessary organization for this purpose and since April 1st. 1935 hospitals operating out-door clinics and desirous of taking advantage of this innovation forward daily to our Division, on appropriate forms, the names of new patients and point out the cases

which, in their estimation, should be investigated. After checking through the files of our Social Service Record to verify if any information is not already available on these cases or their families and after appropriate investigation, if necessary, the institutions interested are informed of the result.

From April 1st. to December 31st. 1935, the following hospitals submitted 37,649 cases for which 4,971 investigations were requested.

The result of these investigations has been as follows :

Montreal General Hospital	9,772
Royal Victoria Hospital	3,848
Hôpital Notre-Dame	4,859
Western Hospital	3,362
Children's Memorial Hospital	2,603
Montreal Children's Hospital	2,040
Hôpital Ste-Jeanne d'Arc	479
Hôpital St-Luc	6,519
Jewish General Hospital	2,584
St. Mary's Hospital	1,086
Homeopathic Hospital	497
Total	37,649
Investigations requested	4,971
Investigations made	4,663
Under investigation on December 31st. 1935	306

RESULT OF INVESTIGATIONS.

Financial circumstances justifying treatment in out-door clinics	2,620
Should pay for medical services	1,336
Strangers in Montreal	305
Wrong addresses	340
Refused to give information	37
Assumed names	27
Total	4,663
Cases known to Social Service Record	2,053
Cases known to hospitals	784

SOCIAL SERVICE RECORD.

The number of record-cards of the Social Service Record on December 31st. 1935 was 192,214 : — 165,316 individual cards and 26,898 address-cards, not counting the cards of patients treated under the Quebec Public Charities Act in the various hospitals since a great number of years.

During 1935 we brought to the attention of the Unemployment relief Commission 866 cases requiring a reduction or a discontinuation of relief granted under the Unemployment Act.

The result has been as follows : —

Allocutions reduced or discontinued	691
Unchanged	68
Not getting relief or not located	41
Going to Soup Kitchens as well as getting relief	33
Required medical examination	32
Special case	1
Total	866

The weekly saving thus realized by this decreased allocation was $1,115.20.

ADMINISTRATION EXPENSES OF THE GENERAL OFFICE.

The expenses incurred for the administration of the General Office to the exclusion of the Refuge, in the course of the year 1935, were as follows : —

Salaries (permanent)	$29,131.85
Salaries (temporary)	7,141.34
Transportation	1,308.75
Incidentals	174.88
Furniture	181.74
Social Service Exchange	196.63
Total	$38,135.19

MEURLING MUNICIPAL REFUGE.

During the year 1935, there were 172,929 entries for lodging accommodation in the Meurling Refuge. Of this number 101 individuals were refused admission for good cause, so that the net number of lodgings given was 172,-828. These lodgings were given to 4,105 individuals, or an average of 42.1 times each individual.

The number of refugees who have been supplied with work or with situations amounted to 19,672; the average age of the persons lodged was 46.4 years.

The number of free meals given during the year 1935 was 366,467.

The number of trades represented was 30.

The total number of treatments given by our physicians was 34,549.

Number of diseases, 291.

LAUNDRY OF THE REFUGE.

752,204 pieces of linen were washed at the Laundry of the Refuge. On this number 7,140 pieces were belonging to different departments of the City Hall; 13,553 to the refugees; 731,511 to the Refuge.

EXPENSES.

The expenses incurred by the City for the service of the Meurling Municipal Refuge during the year 1935 were as follows : —

Salaries	$14,747.36
Heating	3,785.91
Lighting	828.23
Gas	159.93
Food, maintenance and linen	22,744.22
Repairs of the building	1,363.92
Total	$43,629.57

UNEMPLOYMENT CRISIS.

The Direct Relief has been distributed to the unemployed by the City through the "Unemployment Commission" composed of : — Mr. Brig.-Gen. E. de B. Panet, chairman; Messrs. Lt.-Colonel Kenneth M. Perry and Alphetus Mathieu; L. F. Philie, Director of Finances, and Albert Chevalier, Superintendent of the Municipal Assistance, members ex-officio.

Herewith will be found a table showing the Direct Relief distributed monthly to the families affected by the unemployment crisis, in the City of Montreal.

The total amount disbursed by the City, including the administration cost of the Unemployment Commission, for Direct Relief, during the year 1935, is $15,591,009.05 (for Direct Relief $14,933,201.83 and in administration expenses $657,807.22); the City was reimbursed by the Federal and Provincial Governments of a sum of $13,906,-049.28 including arears for the previous year.

Therefore, the City of Montreal has really disbursed from its budget the sum of $1,684,959.77.

TABLE SHOWING DIRECT RELIEF DISTRIBUTED IN THE CITY OF MONTREAL IN 1935.

Months	Families	Dependents	Single Persons	Homeless	Total	Meals	Lodgings
January	41,417	138,399	10,600	862	191,278	75,432	16,219
February	41,250	138,688	11,840	825	192,603	72,819	14,981
March	40,982	136,834	12,418	892	191,126	77,669	17,040
April	39,276	130,883	11,808	1,051	183,018	69,606	15,169
May	36,031	122,202	11,691	1,015	170,939	58,269	13,409
June	34,831	120,307	9,489	882	165,509	55,401	12,116
July	35,227	119,792	8,453	948	164,420	67,251	13,669
August	35,069	118,113	8,264	917	162,363	66,207	13,145
September	34,323	116,485	8,183	785	159,776	58,277	12,038
October	36,056	115,609	7,685	830	160,180	62,362	12,930
November	34,556	115,628	8,312	919	159,415	69,386	15,127
December	36,013	121,116	8,789	970	166,888	67,126	16,955
Total	445,031	1,494,056	117,532	10,896	2,067,515	799,805	172,828
Monthly average in 1935	37,086	124,505	9,794	908	172,293	66,650	14,402
Monthly average in 1934	41,740	135,216	7,117 (a)	4,422	184,942	282,555	59,537
Monthly average in 1933	42,934	152,689	.....	9,514	205,156	474,137	102,215

(a) Average of 6 months.
July to december 1934.

COOPERATION WITH THE POLICE DEPARTMENT.

During the year 1935 the Department of Police through its representatives connected with out Office, looked after the following cases : —

Cases reported before the Recorder's Court and the Police Court were as follows : —

Prisoners remanded for mental examination	161
Insane committed after examination	111
Declared responsible and disposed of by the Courts	49
Deserter declared responsible and handed over to the Immigration Department	1

Idiots or imbeciles patients escorted : —

To St. Ann's Hospital, Baie St-Paul, Que.	28

Backward children escorted to : —

La Jemmerais School, Que.	19

Patients and children escorted and handed over to their parents : —

From St. Ann's Hospital, Baie St-Paul, Que.	9
From La Jemmerais School, Que.	13

Patients transfered under escort from La Jemmerais School, to St-Jean-de-Dieu Hospital	3

Persons conducted for repatriation : —

To different railway stations	276
Repatriated under escort	6
Repatriation cases refused after investigation	105
Repatriation cases in abbeyance on December 31st. 1935	8

Cases of Deportation submitted to the Department of Immigration during the year, as follows : —

Undesirables and public charges deported	11
Deportation refused or procedure suspended	24
Under consideration on December 31st. 1935	9

Division of Medical Control

DIVISION OF MEDICAL CONTROL.

Doctor S. Boucher,

Director, Department of Health,

City Hall.

Sir : —

I beg to transmit the report of the work done by the Division of Medical Control in 1935.

Respectfully submitted,

J. A. BRIEN, M.D.,.

Superintendent, Division of Medical Control.

MUNICIPAL EMPLOYEES

Sick referred for examination.

Director of Services	0	
Department of Public Works	271	
Department of Finances	815	
Department of Health	499	
Assessors' Office	62	
City Clerks' Office	40	
City Attorneys' Office	23	
Auditors' Office	9	
Police Department	20	
		1,739

CANDIDATES APPLYING FOR A POSITION.

Referred for examination.

Mayor's Office	1
Director of Services	0
Department of Public Works	20
Department of Finances	26
Department of Health	17
Assessors' Office	2
City Clerks' Office	2
City Attorneys' Office	0
Auditors' Office	1
Police Department	2
	71

SPECIAL REPORTS — re: State of Health.

Director of Services	0
Department of Public Works	6
Department of Finances	11
Department of Health	22
Assessors' Office	1
City Clerk's Office	0
City Attorney's Office	0
Auditors' Office	0
Police Department	1
	41

The number of sick employees referred for examination in 1935 at the Division of Medical Control is less than in 1934 by 156. Aside a more healthy weather which prevails in 1935, the new by-law by which sick employees are allowed only 7 days off with pay, can account for the difference.

For the Public Works' Department, we had less examinations of inspectors, engineers and workers for the simple reason there was hardly any work going on in the sewers or in the cofferdam.

In those examinations (for cofferdam work) the heart, lungs and kidneys have to be in perfect condition and to reveal no lesions of any kind. Thanks to this caution no accident was reported in 1935 among workmen in compressed air.

NEGLECTED CHILDREN

Under the Law of Industrial Schools.

Referred for examination before being sent to industrial schools	312
Referred after coming out of industrial schools	304
	616

The closing in 1935 of the Montfort's orphanage has brought little changes for the hospitalization of those children. The younger ones were sent to Côte de Liesse orphanage and the other ones to Huberdeau Industrial School.

The little girls are still boarded at Laval des Rapides Institution.

According to their age the new applicants were taken by either one or the other of these Schools.

The children that used to leave every week on Monday and Tuesday, now leave on Friday. In 1935, 312 children took their departure for the Industrial Schools against 309, in 1934 : about the same number.

Out of this only two little girls were remanded on account of pediculosis. All the others were accepted on first medical examination and sent to the schools.

304 were discharged in 1935 against 372 in 1934. Only six of them were reported sick, but the medical examination proved nothing serious in their physical condition. The rest of them were returned to their families well satisfied and in very good health.

CHILDREN'S DEPARTURE — INDUSTRIAL SCHOOLS

Comparative chart for years 1933 - 1934 - 1935.

	1933	1934	1935
Children leaving	371	309	312
Accepted	363	308	310
Refused	...	...	...
Adjourned	8	1	2
Total	371	309	312
Vaccinated	360	305	304
Non vaccinated	11	4	8
Total	371	309	312

CHILDREN'S RETURN — INDUSTRIAL SCHOOLS

Comparative chart for years 1933 - 1934 - 1935.

	1933	1934	1935
Children's return	343	372	304
In good health	334	369	298
Unwell	9	3	6
Total	343	372	304

INCURABLES

Incurables referred for examination during year 1935 and who were disposed of as follows.

	Men	Women	Total
Number of requests	..	..	478
Examinations :			
At the office	..	..	144
At home	..	..	296
Discontinued	..	..	31
Deceased	..	..	7
Total	..	..	478
Pulmonary tuberculosis	99	82	181
Cancer	45	41	86
Incurable diseases	31	37	68
Home (chronic diseases)	88	34	122
Hospitals (acute diseases)	12	9	21
Total	..	..	478

HOUSING OF INCURABLES IN THE CITY BEDS.

Nobody, but the bona fide indigents are accepted in City beds. Any person applying for hospitalization, must swear that he has no means of paying, nor his father or mother, or, if married, his wife or children. If it is found out that one of the relatives can pay, the application is cancelled at once.

A very minute investigation is made in each case and any person caught in making false statement is liable of legal prosecution and forced to pay the hospitalization fee.

The beds at the City of Montreal disposal were classified as follows for 1935 : —

Sacred-Heart Hospital :

100 beds for pulmonary tuberculosis (50 men, 50 women).

75 beds for cancer or other incurables diseases requiring medical care. (In 1934, there was 100 beds for such cases.)

St-Henry's Home :

35 beds for paralytics (18 men, 17 women).
The 10 beds for poor men have been cut off.

Notre-Dame de la Merci Hospital, Bordeaux :

75 beds for poor old men or cripples (men).

St-Luke's Hospital :

10 beds for emergency cases (men-women).

Grey Nuns, St. Matthew St. :

40 beds for old people or cripples (20 men, 20 women).

There was quite a decrease in 1935 in the number of hospitalization requests for City beds. In fact, it is 121 less. For 1934, 599, and 478 for 1935.

The greatest part of the decrease comes mostly from chronic and acute disease cases.

Unfortunately, there was no regression from cancerous, pulmonary tuberculous or incurable cases.

The hospitalization requests for pulmonary tuberculous cases were of 181 in 1935 against 178 for 1934. There was 86 cancerous cases against 68 in 1934. Incurables 68 against 47. At the Homes 122 in 1935 against 262, and in the general hospitals 21 against 44 in 1934.

Of course the reason of that decrease lays in the fact that we didn't have in 1935 groups of old indigents, as in 1934, when Belmont and Vitre Refuges have closed their doors.

Let us hope that 1936 will still bring better results in the treatment of tuberculosis and cancer; and that our endeavours will meet with success.

FOOD ESTABLISHMENTS

MONTHLY CLASSIFICATION OF HEALTH CERTIFICATES, 1935.

Certificates	January	February	March	April	May	June	July	August	September	October	November	December	Total
Number of certificates issued	2324	1967	2589	3810	4593	3492	2644	2194	2198	3493	4435	2842	36,541
Number of certificates refused	74	66	83	104	110	99	101	83	88	112	122	78	1,120
CASES:—													
Pyorrhea	15	16	20	26	33	27	25	23	24	31	42	26	308
Tuberculosis	2	2	2	2	2	2	3	2	2	3	3	1	26
Uncleanliness	28	30	37	41	48	41	36	32	35	40	46	32	446
Cancer of the mouth	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2
Skin diseases	6	4	8	10	7	7	11	10	8	8	7	9	95
Venereal diseases	23	14	16	25	18	22	26	16	19	30	24	10	243
Total	74	66	83	104	110	99	101	83	88	112	122	78	1,120
Number of vaccinations	450	400	475	784	845	685	560	440	409	537	520	367	6,471
Number of verifications	423	357	423	713	803	637	532	403	391	503	500	326	6,011

MEDICAL EXAMINATION OF FOOD HANDLERS.

With reference to 1934, there is a decrease of 3,257 in the number of health certificates issued in 1935. The reason is that one of our doctors had to give his services to the Contagious Diseases Department during the fall and a good part of the winter; by the fact, we were delayed in issuing those certificates.

The number of certificates refused in 1935 on account of ill-health surpasses 1934 by 393. That means that our control gets more effective year by year. Veneral diseases are the main cause of represal.

The present economical conditions are certainly at the bottom of those increased veneral diseases.

HEALTH CERTIFICATES REFUSED DURING THE YEAR 1935 — ON ACCOUNT OF :

Pyorrhea :

Persons afflicted with pyorrhea are referred to their family physician or dentist for treatment. As soon as there is improvement in their condition, we permit them to resume their occupation with the promise they will continue their treatment until completely cured.

Tuberculosis :

All tuberculosis cases are prevented from working in food establishments. According to the gravity of their illness they are sent to the Bruchesi Institute or at the Cartierville Hospital, where the City of Montreal pays for one hundred (100) beds for patients of both sexes. All doubtfull cases have to be radiographied or furnish a certificate from an hospital.

Uncleanliness :

Cases of uncleanliness which cases we find especially amongst youngsters are really too many. They are prevented from working until their general appearance has improved; that is they must according to their case take a good hot bath with soap and brush; change their undergarments, clean and cut their finger-nails and hair if necessary. In all cases we examined, we insist upon strict corporal cleanliness especially that of the hands, finger-nails and forearms.

Skin Diseases :

Eczema or psoriasis of hands or arms which present an oozing or scaly appearance giving a repugnant sight all are excluded from working in food premises until completed healing or real improvement in the appearance of the spots.

Cancer of the Nose :

The same rule applies to cases of cancer of the nose or face which present the same repugnant sight. The staphylococcic or streptococcic diseases such as boils, carbuncles, if placed on arms or fore-arms prevent those suffering from such diseases to work on no account until completely cured.

Veneral Diseases (gonorrhea and syphilis) :

The gonorrhea or syphilis cases are excluded from all food establishments. They have to be treated until cured of their infection. The gonorrhea cases are permitted to resume their work again only after we have received two (2) negative reports from the Municipal Laboratory. The examination having been made at interval of fifteen (15) days. Persons suffering from syphilis are permitted to work when after having taken treatment for a certain

period, they bring a certificate from their treating physician, attesting that they are not contagious and that they take their intra-veinous injections regularly.

For more additional guarantee, every five (5) or six (6) months, those persons have to come at the Municipal Laboratory for a new blood test which is made at the Provincial Laboratory who sends us a report.

You may judge by these few notes that persons so afflicted who would be a constant danger for the Community and their fellow working companions are either cured or improved or at least bleached of their infection.

MUNICIPAL MEURLING REFUGE

Comparative table for the years 1933 - 1934 - 1935.

	1933	1934	1935
Number of refugees examined during the year	204,489	171,990	172,828
Disposable beds per night . .	708	708	708
Number of refugees per night	560	471	473
Number of sick refugees examined during the year . .	26,827	34,549	39,726
Number of sick refugees examined per night	73	94	108
Sleeping average per person	43	39	42
Average age.	43	50	46

MEURLING REFUGE

We pride ourselves on saying that of all similar institutions, not only in America but in the whole world, the Meurling Refuge stands high above in efficiency and cleanliness We don't want no other proof than the pro-

clamation of old adventurers who have been in most big cities the world over.

From a medical prospect, the year 1935 was a real success. It cant hardly be otherwise when somebody considers the cleanliness with which the refuge is kept and the cares given to every patient. Each refugee has to take a shower-bath with antiseptic soap before retiring; a clean towel and a night shirt being supplied to every one, who then go to sleep between white sheets changed and washed daily.

This is what any one may expect who knocks at the Meurling's door.

Epidemics as scabies and pediculosis are unknown at the Meurling. The very few cases that we had to treat, this year, were diagnosed on new comers, and cares given them brought a complete cure shortly.

The number of those who slept at the Meurling in 1935 was larger by a little more than a thousand, i.e. 178,-828 compared with 171,990 in 1934 and 204,489 in 1933. The reason why is that quite a lot of poor bachelors were living in the federal concentration camps.

The nightly average was 473. So 235 beds were inoccupied every day since there is 708 available.

There was 39,726 sick poor persons examined in 1935 against 34,549 in 1934, an increase of over 5,000. The average of the treated every night was 108 against 94 in 1934 and the average in the age came down from 50 years old to 46 this last year.

For the greatest part, consultations given to the refugees were of slight consequence, a few tablets for cough, constipation, headache, or few dressings for cuts, scratches,

etc.... The more serious cases are sent to the St. Luke's Hospital where empty beds are always available.

There is still the same half a score of old crippled and old refugees who refuses hospitalization at Notre-Dame de la Merci at Bordeaux. They are regular relics of the centre part of the City and more even of St. Paul street and Jacques-Cartier square, who don't want to leave the stamping ground of their youth.

So we keep doing our best to help them and to have them forget their old age and misery.

ANTIVARIOLIC VACCINATION

As a matter of efficiency, the vaccination office, till this year a division of the Contagious Diseases Department, has been transferred to the Medical Control Division.

We are often asked what is our method of vaccinating. After experimenting almost every way used by the doctors, as well in America as in Europe and Canada, this is how we proceed : — Disinfecting with pure alcohol the part where we want to vaccinate; then we lay down the lymph (vaccine) through which we make a light scarification : just enough to bring out a drop of serum which we mixed to the vaccine with the point of the needle or a tooth-pick. A small wad of cotton, kept in place by a small strip of adhesive plaster is put on the vaccination and left there for few hours. We advise to take it off at bedtime and thereafter to leave it exposed to the open air.

The results have been absolutely conclusive. In fact, the result was 100% for all the children that were vaccinated in our division and those vaccinations have been

verified. During the year only six cases proved by two and three successive vaccinations have been unsuccessful.

Among the adults from 20 to 27 years old and from 27 to 35 years showing one or more scars of successful vaccination, the proportion of success was respectively of 60.8% and 56.7%.

Unfortunately complete and precise statistics are impossible on account of the carelessness of many parents in bringing back their children to have their vaccination verified.

For the adults, we have a proportion of 22.3% on non verified vaccination.

Of course, we can conclude that the vaccination scar on the arm of their children is a good enough proof that the vaccination was successful and is the reason why they don't bring them back for verification.

ACTIVITIES OF MEDICO-LEGAL OFFICE FOR YEAR 1935

Number of workmen injured :	
Examinations at the Medico-Legal office	1,383
Examinations at home	30
First reports	239
Subsequent reports	216
Expert reports for the Legal Department :	
Examinations at the Medico-Legal office	52
Examinations at home	90
First reports	126
Subsequent reports	16
Examinations made at the Commission of Pensions :	
Examinations re : Admission	90
Examinations re : Retreated	51
Appearance before the Courts	20

TABLE OF MUNICIPAL EMPLOYEES DEAD DURING YEAR 1935.

Department of Public Works 8

Name	Age	Date	Illness
E. Bleau	60	4-2-35	Cardio-renal.
E. Rioux	71	22-6-35	Myocarditis.
J. B. Aubin	69	27-6-35	Prostatitis.
D. Carlton	65	4-9-35	Myocarditis.
C. Marcellin	63	8-10-35	Myocarditis.
G. Drouin	39	24-10-35	Jaundice & Paralysis.
G. Daigneault	38	17-12-35	Angina Pectoris.
T. Raynolds	73	16-12-35	Myocarditis.

Department of Finances 3

Name	Age	Date	Illness
A. Fontaine	50	21-6-35	Angina Pectoris.
H. Déry	45	10-7-35	Angina Pectoris.
J. H. Roy	49	8-9-35	Heart failure.

Department of Health 3

Name	Age	Date	Illness
O. Séguin	72	16-5-35	Myocarditis.
L. J. E. Leduc	50	6-9-35	Cardio-renal.
Dr. J. Lafleur	56	23-10-35	Angina pectoris.

Assessor's Office 2

Name	Age	Date	Illness
H. Viens	35	26-5-35	Aviation accident.
L. Prénoveau	32	2-6-35	Mastoiditis & Meningitis.

Mayor's Office 1

Name	Age	Date	Illness
C. Jobin	24	13-6-35	Appendicitis & Peritonitis.

In closing this report, I consider as my duty to express my thanks and gratitude to my assistants of the Medical Control, for their constant zeal and who during the year 1935, have acquitted themselves of their work in a manner entirely devoted and adequate.

My respectful sentiments to the Director of the Department of Health. My hearty thanks and deep gratitude to the Director and Superintendents of the different Division, with whom we are in daily relation, and on whose cooperation and help, we can always depend.

Division of Laboratories

DIVISION OF LABORATORIES.

Doctor S. Boucher, M.D., D.P.H., LL.D.,

Director, Department of Health,

City Hall Annex.

Dear Sir : —

I have the honor to submit herewith the annual report of the Division of Laboratories for the year ending December 31, 1935.

The total number of examinations made during the year was 53,168, divided as follows : 29,846 for the Division of Food Inspection, 1,178 for the Division of Sanitation, 1,821 for the Division of Contagious Diseases, 1,834 for the Division of Child Hygiene, 984 for the Division of Medical Control, 2,338 for the Police Department and 15,167 for the Physicians of the City.

To this we must add the preparation of five litres of convalescent serum, for the treatment of poliomyelitis.

A brief statement of the work performed by the Division under my supervision will be found in the following table.

Respectfully submitted,

A. BOLDUC, M.D.,

Superintendent, Division of Laboratories.

DIVISION OF LABORATORIES.

Analyses made during year 1935.

Specimens analyzed for the Department of Health.

Division of Food Inspection :

I. Solid Foods :

1° Natural :

Chopped meat (re-adulterations)	255
Coffee (bacteriological and chemical examination)	1
Eggs (pathological examination)	1
Fish (re-adulterations)	2
Ham (bacteriological examination)	2
Meat : bacteriological examination	6
examination for tubercle bacilli	3
pathological examination	7
re-adulterations	1
Oatmeal (physico-chemical examination)	1
Onions (bacteriological examination)	2
Oysters (re-adulterations)	7
Peaches (bacteriological examination)	2
Peas (re-colouring matters)	1
Pepper (physico-chemical examination)	2
Plums (bacteriological examination)	2
Pork (re-Trichinella spiralis)	38
Sugar (granulated) : physico-chemical examination	2
Tomatoes (bacteriological examination)	1

2° Canned :

Apples (bacteriological examination)	2
Corn (bacteriological examination)	2
Lobster (bacteriological examination)	2
Pears (bacteriological examination)	1
Pineapples (bacteriological examination)	1
Plums (bacteriological examination)	1
Tomatoes (bacteriological examination)	2

3° Prepared :

Biscuits (bacteriological examination)	2
Bologna sausage (bacteriological examination)	1
Candies (bacteriological and chemical examination)	3
Caviar (bacteriological examination)	3
Chocolate (bacteriological examination)	2
Cocoa powder (bacteriological examination)	54
Jams (bacteriological examination)	1
Jellied veal (bacteriological examination)	1
Pickled tongue (physico-chemical examination)	1
Sausage (re-adulterations)	366
Sausage (large) : re-Trichinella spiralis	17
Sausage seasoning (chemical examination)	1

II. Liquid Foods :

Milk and Cream :

1° Natural :

(a) Samples brought by our inspectors.

Bacteriological examination :

Plate count	7,824
B. Coli test	7,824

Chemical analysis :

Completed (1)	27
Summary (2)	2,284
Acidity test	3
Preservative test	2,277
pH and catalase tests (re-mastitis)	6

(b) Samples brought by citizens.

Summary chemical analysis plus preservative test	305

(1) Completed chemical analysis comprises specific gravity, butter fat, dry extract, defatted extract, water.

(2) Summary chemical analysis comprises specific gravity by "Quevenne" lacto-densimeter, butter fat by "Babcock" test, preservative test.

2° By-products :

Butter (bacteriological and chemical examination)	4
Cheese (bacteriological examination)	1
Cheese (re-adulterations)	1
Chocolate drink (bacteriological examination)	238
Chocolate drink (chemical examination)	3
Ice cream (bacteriological examination)	654
Ice cream (chemical examination)	11
Yoghourt (bacteriological examination)	2

Miscellaneous :

Brine (chemical examination) . .	1
Canned soup (bacteriological and chemical examination)	4
Carbonated beverages and spruce beers (bacteriological examination)	1,362
Carbonated beverages (chemical examination)	2
Edible oil (physico-chemical examination)	1

Ginger wine (chemical examination)	1	
Water from the Montreal Aqueduct (bacteriological examination)	778	
Water from various sources (bacteriological examination) . .	272	
Water from various sources chemical examination	1	

III. Biological examinations : (3)

Blood : re-Salmonella	5	
Widal test	1,068	
Stools : re-B. typhosum and B. paratyphosum A and B	2,044	
Urines : re-B. typhosum and B. paratyphosum A and B	2,044	
	———	29,846

Division of Sanitation :

Water from public swimming pools : bacteriological and chemical examinations	1,104	
Water from various sources : bacteriological and chemical examinations	69	
Soap (chemical examination) . .	5	
	———	1,178

(3) These tests are carried out for the detection of typhoid "germ carriers" among the employees of dairies and other food handlers.

Division of Contagious Diseases :

Blood : differential blood count (re-eosinophilia) ..	4	
test re-Brucella Abortus	58	
test re-B. dysenteriae ..	1	
test re-B. proteus X 19	1	
Widal test	58	
Rabies : research of Negri bodies	14	
Throat secretions : re-diphtheria (after culture)	1,627	
re-haemolytic streptococcus	8	
Stools : re-B. typhosum and B. paratyphosum A and B	22	
re-Entamoeba histolytica	7	
Urines : re-typhosum and B. paratyphosum A and B	21	
	———	1,821

Division of Child Hygiene :

Urines : chemical and microscopic examinations	1,834	
	———	1,834

Division of Medical Control :

Blood : determination of sugar	1	
Widal test	2	
Sputum (tuberculosis)	6	
Stools : re-B. typhosum and B. paratyphosum A and B	1	
Urethral and vaginal discharges (food handlers)	781	
Urines : re-B. typhosum and B. paratyphosum A and B	1	
chemical and microscopic examinations . .	192	
		984

Specimens analyzed for the Police Department :

Narcotic drugs	7	
Urethral and vaginal discharges (prostitutes)	2,331	
		2,338

Specimens analyzed for physicians :

Blood : bleeding time	7
coagulation time	8
culture	23

determination of cholesterol	14
determination of creatinin..	40
determination of sugar.. ..	596
determination of urea	318
determination of uric acid..	10
differential blood count.. ..	73
red and white cells count ..	80
test re-Brucella Abortus. ..	200
test re-B. dysenteriae.	8
van den Bergh's test	3
Widal test	200
Catgut (re-sterility)	3
Cerebro-spinal fluid	5
Chancre serum (re-Treponema pallidum)	1
Conjunctival discharge (re-Gonococcus)	1
Goat's milk	1
Maternal milk	23
Nasal discharge (re-leprosy)	7
Orchitic fluid	1
Pleural fluid	4
Renal calculus (identification)	1
Seminal fluid	1
Sputum (re-tuberculosis)	1,429

Stomachal discharge	1	
Stools : bacteriological examination (blood, protozoa, tubercle bacilli, worms, etc.)	50	
re-B. Typhosum and B. Paratyphosum A and B	95	
re-Entamoeba histolytica . .	94	
Taenias (identification)	3	
Throat swabs : re-diphtheria	115	
re-Hemolytic streptococcus	9	
re-Vincent's angina	31	
Urethral and vaginal discharges	750	
Urines : bacteriological examination (B. coli, gonococcus, tubercle bacilli, etc.)	288	
chemical and microscopic examinations	10,620	
re-B. Typhosum and B. Paratyphosum A and B . .	41	
Wounds pus	13	
	———	15,167
Total		53,168

CONTAGIOUS DISEASES — YEAR 1935.

Diseases	Number of specimens	Positive	Negative	Suspicious	Unsatisfactory	Percentage			
						Positive	Negative	Suspicious	Unsatisfactory
Diphtheria	1744	167	1574	1	2	9.57	90.25	0.06	0.12
Rabies	14	0	14	0	0	0.00	100.00	0.00	0.00
Tuberculosis	1551	245	1305	0	1	15.79	84.14	0.00	0.07
Typhoid fever:									
Physicians of the City	463	63	395	5	0	13.60	85.31	1.09	0.00
Detection of "germ carriers" (food handlers)	5156	123 (x)	5028	5	0	2.39	97.52	0.09	0.00
Gonorrhea:									
Physicians of the City	774	151	581	21	11	20.[illegible]	75.07	2.71	1.42
Food handlers	781	125	656	0	0	16.[illegible]	[illegible].00	0.00	0.00
Prostitutes †	2331	391	1940	0	0	16.73	83.[illegible]	0.00	0.00

(x) These positive results come from 118 Widal tests and 5 stools (4 positive to B. Typhosum and 1 positive to B. Paratyphosum B.).

(†) Women arrested in desorderly houses.

Bacteriological analyses of milk, cream, ice cream, oysters, water, etc.

Quantitative analysis (Standard plate count) :

Division of Food Inspection :

Pasteurized milk (delivered to consumers)	2,124	
Special milk (delivered to consumers)	1,945	
Chocolate drink	119	
Cocoa powder	27	
Cream	283	
Ice cream	327	
Yoghourt	1	
Controls in pasteurizing plants and special milk establishments	2,343	
Tests on washing of utensils	1,129	
Water from various sources, eggs, food sundries, oysters	136	
Water from the Montreal Aqueduct	389	
Carbonated beverages and spruce beers	671	
		9,494

Division of Sanitation :

Water from public swimming pools	368	
Water from various sources	34	
		402

Qualitative analysis : (Fermentation test for the detection of bacteria of the B. Coli group) in the above samples | 9,896 | 9,896

Total | | 19,792

BACTERIOLOGICAL ANALYSIS OF THE WATER FROM THE MONTREAL AQUEDUCT, YEAR 1935.

Month	Number of samples	Number of colonies	B. Coli 10c.c. portions
January	34	3,587	0/170
February	28	4,829	0/140
March	28	1,271	0/140
April	40	3,250	0/200
May	32	2,343	0/160
June	30	2,502	0/150
July	38	2,007	10/190
August	30	2,270	5/150
September	29	761	0/145
October	34	1,514	0/170
November	34	1,363	0/170
December	32	1,452	0/160
Total	389	27,149	15/1945
Mean		70	0.77%

BACTERIOLOGICAL ANALYSIS, 1935.

Pasteurized milk — Plate count.

Number of samples	Numeration					Percentage				
	Less than 10,000 colonies per c.c.	From 10,000 to 50,000 colonies per c.c.	From 50,000 to 100,000 colonies per c.c.	More than 100,000 colonies per c.c.	Samples void	Less than 10,000 colonies per c.c.	From 10,000 to 50,000 colonies per c.c.	From 50,000 to 100,000 colonies per c.c.	More than 100,000 colonies per c.c.	Samples void
From January to May (incl.):										
844	660	159	20	5	0	78.2	18.8	2.4	0.6	0.0
From June to September (incl.):										
690	522	140	14	14	0	75.6	20.2	2.1	2.1	0.0
From October to December (incl.):										
590	478	97	10	1	4	81.1	16.4	1.6	0.2	0.7
For the year:										
2124	1660	396	44	20	0	78.2	18.6	2.1	0.9	0.2

BACTERIOLOGICAL ANALYSIS, 1935. — (Continued)

Pasteurized milk — B. Coli group.

Number of samples	Fermentation Test					Percentage				
	B. Coli Group				Samples void	B. Coli Group				Samples void
	Present			Absent		Present			Absent	
	0.01 c.c.	0.1 c.c.	1 c.c.	1 c.c.		0.01 c.c.	0.1 c.c.	1 c.c.	1 c.c.	
From January to May (incl.):										
844	3	6	31	804	0	0.3	0.7	3.7	95.3	0.0
From June to September (incl.):										
690	20	34	75	561	0	2.9	4.9	10.8	81.4	0.0
From October to December (incl.):										
590	3	12	31	544	0	0.6	2.0	5.2	92.2	0.0
For the year:										
2124	26	52	137	1909	0	1.2	2.5	6.5	89.8	0.0

BACTERIOLOGICAL ANALYSIS, 1935. — (Continued)

Special milk — Plate count.

Number of samples	Numeration			Percentage		
	Less than 25.000 colonies per c.c.	More than 25.000 colonies per c.c.	Samples void	Less than 25.000 colonies per c.c.	More than 25.000 colonies per c.c.	Samples void
From January to May (incl.):						
829	784	45	0	94.7	5.3	0.0
From June to September (incl.):	(x)	(1)				
600	579	21	0	96.5	3.5	0.0
From October to December (incl.):						
516	494	18	4	95.8	3.5	0.7
For the year:						
1945	1857	84	4	95.5	4.3	0.2

(x) Less than 50.000. (1) More than 50.000.

BACTERIOLOGICAL ANALYSIS, 1935. — (Continued)

Special milk — B. Coli group.

Number of samples	Fermentation Test					Percentage				
	B. Coli Group				Samples void	B. Coli Group				Samples void
	Present			Absent		Present			Absent	
	0.01 c.c.	0.1 c.c.	1 c.c.	1 c.c.		0.01 c.c.	0.1 c.c.	1 c.c.	1 c.c.	
From January to May (incl.):										
829	5	14	98	712	0	0.6	1.7	11.8	85.9	0.0
From June to September (incl.):										
600	51	91	163	295	0	8.5	15.1	27.2	49.2	0.0
From October to December (incl.):										
516	8	13	90	405	0	1.6	2.5	17.4	78.5	0.0
For the year:										
1945	64	118	351	1412	0	3.2	6.1	18.1	72.6	0.0

Division of Statistics

DIVISION OF STATISTICS.

Dr. S. Boucher,

Health Department,

City Hall (Annex),

Montreal.

Dear Sir :—

I have the honor of submitting to you the report of the Division of Vital Statistics of the Department of Health of the City of Montreal for year 1935.

Respectfully submitted,

EUGENE GAGNON, M.D.,

Superintendent, Division of Vital Statistics.

A comparison of the main statistical facts of 1935 with those of the previous year, gives the following results:

		1934	1935	Increase or decrease in 1935
1.)	Population (Estimated)	855,000	863,000	+ 8,000
2.)	Births	18,433	17,361	— 1,072
	Rate per 1,000 of population . . .	21.56	20.12	— 1.44
3.)	Marriages	6,536	7,035	+ 499
	Rate per 1,000 of population . . .	7.64	8.15	+ 0.51
4.)	Deaths	8,955	9,162	+ 207
	Rate per 1,000 of population . . .	10.47	10.62	+ 0.15
5.)	Contagious diseases (Excluding tuberculosis) . . .	407	578	+ 171
	Rate per 1,000 of population . . .	0.48	0.67	+ 0.19
6.)	Tuberculosis all forms	713	647	— 66
	Rate per 1,000 of population . . .	0.83	0.75	— 0.08
7.)	Cancer	907	995	+ 88
	Rate per 1,000 of population . . .	1.06	1.15	+ 0.09
8.)	Violent deaths . .	386	420	+ 36
	Rate per 1,000 of population . . .	0.45	0.49	+ 0.04

		1934	1935	Increase or decrease in 1935
9.)	Deaths under 1 year	1,674	1,602	— 72
	Rate per 1,000 births	90.8	92.3	+ 1.5
10.)	Malformations and diseases of early infancy	767	686	— 81
	Rate per 1,000 births	41.6	39.5	— 2.1
11.)	Diarrhoea under 1 year	428	301	— 127
	Rate per 1,000 births	23.1	17.3	— 5.8

From these figures it is first to be noticed that the number of births and their rate per 1,000 of population are showing a marked decrease.

The number of marriages is increasing, but there is less fecundity and the birth rate is lowering from year to year.

There have been 207 more deaths registered in 1935 than in the previous year, which has slightly increased the death rate.

The larger proportion of increase is accounted for by communicable diseases, cancer and violence. On the other hand, tuberculosis and some of the infant diseases are going down. A notable progress is shown by diarrheal diseases. However, the infant mortality rate is slightly higher than in 1934, and the causes contributing to that increment may be found in table XII of the appendix.

BASIS OF COMPUTATION OF STATISTICAL DATA.

Unless it is otherwise stated in the title, all statistical tables of this report are made for the population having its usual residence in Montreal, whatever be the place of the occurence of the event. Births and deaths of non residents occurring in Montreal are excluded.

As regards the rules under which the selection is made, they have been printed in last year's report pages 256 & 257.

The following table shows the residence, the place of death and the place of burial of all persons whose death was reported to this office in 1935.

I.	RESIDENTS OF MONTREAL :		
	A) deceased and buried in Montreal	7,540	
	B) deceased in Montreal and buried elsewhere	1,065	8,605
	C) deceased elsewhere and buried in Montreal	504	
	D) deceased and buried elsewhere	53	557
	TOTAL :		9,162
II.	NON-RESIDENTS :		
	A) deceased and buried in Montreal	400	
I	B) deceased in Montreal and buried elsewhere	583	
	Total		983

From the above figures it is seen that the difference between the number of non-residents deceased in Montreal and the number of residents of Montreal deceased elsewhere is 426. If this number of deaths had been included in the total deaths, the mortality rate would have been increased by 0.49. It is really a small addition, but it must be remembered that the causes of deaths for the 983 non-residents are not the same as those causing the deaths of the 557 residents of Montreal who died outside of the City limits. It follows that by substituting one figure to the other, i.e. by including in our statistics the deaths of the non-residents and by excluding those of our residents deceased elsewhere, the accuracy of those statistics as regards the causes of deaths would be deeply modified and the rates of some of the causes calculated on the resident population would not give a real picture of the sanitary conditions of the City.

This is shown in the following table in which deaths are classified according to the abridged international classification.

That table shows at first, the number of deaths in Montreal, and the rate per 100,000 of population for each of the enumerated causes. Secondly it gives the same information for the residents of Montreal deceased either in Montreal or elsewhere.

In the last column is found the difference between the rates in columns 3 and 5.

Causes of deaths	Death occured Montreal		Deaths of residents in Montreal		Difference between column 3 and 5
	Number	Rate per 100,000 population	Number	Rate per 100,000 population	
1	2	3	4	5	6
1 Typhoid & Para. (1–)	28	3.24	24	2.78	– 0.46
2 Exanthematic typhus (3)	.....	.....	.....	.....	.....
3 Small-pox (6)	.....	.....	.....	.....	.....
4 Measles (7)	55	6.37	54	6.26	– 0.11
5 Scarlet fever (8)	57	6.60	48	5.56	– 1.04
6 Whooping-cough (9)	87	10.08	87	10.08	.....
7 Diphtheria (10)	25	2.90	21	2.43	– 0.47
8 Influenza (11)	203	23.52	204	23.64	+ 0.12
9 Plague (14)	.....	.....	.....	.....	.....
10 TBC of the respi. system (23)	576	66.74	546	63.27	– 3.47
11 Other forms of tb. (24 to 32)	122	14.14	101	11.70	– 2.44
12 Syphilis (34)	102	11.82	99	11.47	– 0.35
13 Malaria (38)	1	.12	.....	.....	+ 0.12
14 Other infectious and para. dis. (4, 5, 12, 13, 15 to 22, 33, 35 to 37, 39 to 44)	42	4.87	41	4.75	– 0.12
15 Cancer & mal. tum. (45 to 53)	1116	129.31	995	115.29	– 14.02
16 Tumors, non mal. (54(55)	71	8.23	56	6.49	– 1.74
17 Ch. rheu. and gout (57–58)	26	3.01	24	2.78	– 0.23
18 Diabetes mellitus (59)	209	24.22	203	23.52	– 0.70
19 Alcoholism ac. or chr. (75)	8	.93	9	1.04	+ 0.11
20 Other gen. dis. & chr. poison. (56, 60 to 74, 76, 77)	167	19.35	144	16.69	– 2.66
21 Prog. loc. ataxia and gen. par. of the insane (80 to 83)	45	5.21	70	8.11	+ 2.90
22 Cer. haemor., cer. embolism and thrombosis (82)	213	24.68	207	23.99	– 0.69
23 Other dis of the nervous sys. & of the org. of spec. sense (87 79, 81, 84 to 89)	209	24.22	219	25.38	+ 1.16
24 Diseases ofthe heart (90 to 95)	1422	164.77	1410	163.38	– 1.39
25 Other dis. of the circulatory system (96 to 103)	505	58.51	513	59.44	+ 0.93
26 Bronchitis (106)	25	2.90	23	2.67	– 0.23
27 Pneumonia (107 to 109)	690	79.95	679	78.68	– 1.27
28 Other dis. of the resp. sys. Tub. exc., 104, 105, 110 to 114	122	14.14	110	12.75	– 1.39
29 Diarr. and ent. (119, 120)	360	41.71	374	43.34	+ 1.63
30 Appendicitis (121)	166	19.23	120	13.90	– 5.33
31 Dis. of the liv. and biliary passages (124 to 127)	150	17.38	131	15.18	– 2.20
32 Other dis. of the dig. system (115 to 118, 122, 123, 128 to 129)	246	28.50	220	25.49	– 3.01
33 Nephritis (130 to 132)	977	113.20	949	109.96	– 3.24
34 Other dis. of the genito- urin. system (133 to 139)	171	19.81	138	15.99	– 3.82
35 Puerperal septicaemia (140–145)	42	4.87	36	4.17	– 0.70
36 Other dis. of pre., chibr. & puer. st. (141 to 144, 146 to 150)	51	5.91	50	5.79	– 0.12
37 Dis Skin & cel. tis. bones &) org. of loco. (151 to 156	60	6.95	59	6.84	– 0.11
38 Cong. deb. & malfor., pre. bit. & other dis. of early inf. 157 to161	716	82.96	686	79.49	– 3.47
39 Senility (163)	52	6.03	57	6.60	+ 0.57
40 Suicides (163 to 171)	54	6.26	54	6.26	.....
41 Homicides (172 to 175)	18	2.09	15	1.74	– 0.35
42 Violent or acc. deaths (suc. & hom. excp.) (176 to 198)	362	41.94	351	40.67	– 1.27
43 Cause of death not spec. or ill defined (199 to 200)	37	4.29	35	4.06	– 0.23
Total.....	9588	1110.96	9162	1061.63	–49.33

BIRTHS REGISTRATION.

In the report of the Health Department for year 1933, page 278, the procedure to be followed to register a birth and the method applied to the collection of birth statistics have been extensively explained; I refer to that report for this information.

I have a great pleasure in acknowledging the fact that nearly all the ministers of the churches have faithfully continued to send to this office the report of the births registered by them and I take this opportunity to offer them my most cordial thanks.

The number of births reported by the ministers of the churches in 1935 has been 16,965. I must state however, that a small number of them have made no reports; in some other instances, the reports were incomplete and by checking each report received with the entries made in the registry books deposited at the Protonotary's Office, we have found that 398 births registered had not been reported to us which is 2.3 per cent of all births registered during the year.

In the following table the churches are grouped according to religious denominations and the number of births reported to this office together with the number actually registered is given.

Denominations	Births reported	Births registered	Difference	Per cent of total
Roman Catholic churches :				
1°) French	12,626	12,784	158	1.24%
2°) English.	857	928	71	7.65%
3°) Others	624	633	9	1.58%
4°) Anglican churches . .	753	802	49	6.11%
5°) United churches	557	616	59	9.58%
6°) Presbyterian churches	196	207	11	5.31%
7°) Baptist churches. . . .	39	46	7	15.22%
8°) Greck Orthod. church.	130	132	2	1.51%
9°) Other protest. church.	125	133	8	6.01%
10°) Synagogues	642	666	24	3.60%
11°) Municipal registration	416	416	. .	. . . .
Total	16,965	17,363	398	2.29%

In the following table, the births are classified according to legitimacy, religious denominations of the parents, sex and racial origin

LEGITIMATE ANI

Classified according to religion

Legitimat

Religious Denominations	Grand total	TOTAL		Sex	French
		Male	Female		
Roman Catholics:					
French	11820	5998	5822	M F	5814 5630
English	911	468	443	M F	45 37
Others	628	308	320	M F	3 2
Anglicans	771	414	357	M F	22 20
United Church	593	307	286	M F	27 14
Presbyterian	204	105	99	M F	 1
Other Protestants	175	105	70	M F	10 3
Greek Orthodox	132	62	70	M F	....
Synagogues	666	404	262	M F	....
Municipal	387	146	241	M F	8 10
Total—Legitimate	16287	8317	7970	M F	5929 5717

ILLEGITIMATE BIRTHS.

sex and racial origin.

Births.

English	Scotch	Irish	Other British	Jews	Italian	Ruthenian Polish	Tzecho Slovak	Other races	Race unknown
31	13	43	.....	1	54	6	2	34	....
57	18	31	1	.....	43	4	4	34	....
104	28	256	5	.....	13	2	.....	15	....
87	35	259	6	.....	9	3	.....	7	....
1	.....	4	.....	.....	169	48	56	27	....
3	.....	6	.....	.....	156	54	71	28	....
302	33	20	15	.....	1	.....	1	20	....
247	31	24	14	.....	1	1	.....	19	....
131	59	27	15	1	2	5	7	33	....
129	49	28	17	.....	1	6	7	35	....
48	40	9	1	.....	3	1	.....	3	....
33	47	6	7	.....	3	.....	.....	2	....
30	3	3	1	.....	11	.....	4	43	....
29	5	1	.....	.....	4	.....	6	22	....
.....	.....	.....	.....	.....	.....	.....	6	56	....
.....	.....	.....	.....	.....	.....	.....	8	62	....
.....	.....	.....	.....	404	.....	.....	.....	.....	....
.....	.....	.....	.....	261	1	.....	.....	.....	....
61	23	7	4	18	1	3	2	19	....
56	15	7	8	122	1	4	2	16	....
708	199	369	41	424	254	65	78	250	....
641	200	362	53	383	219	72	98	225	....

LEGITIMATE AND

Classified according to religion

Illegitimate

Religious denominations	Grand total	TOTAL		Sex	French
		Male	Female		
Roman Catholics:					
French	964	502	462	M F	404 366
English	17	9	8	M F	2 1
Others	5	2	3	M F	1 2
Anglicans	31	18	13	M F	3 1
United Church	23	10	13	M F	....
Presbyterian	3	.....	3	M F	....
Other Protestants	1	.....	1	M F	....
Greek Orthodox	.....	.....	.....	M	....
Synagogues	.....	.....	.....	M F	....
Municipal	30	17	13	M F	4 2
Total—Illegitimate	1074	558	516	M F	414 372
Grand total	17361	8875	8486	M F	6343 6089

ILLEGITIMATE BIRTHS.

sex and racial origin.

Births.

English	Scotch	Irish	Other British	Jews	Italians	Rutherian Polish	Tzecho-Slovak	Other races	Race unknown
10	2	12	.....	.....	.....	2	.....	4	68
14	4	11	.....	.....	.....	3	2	4	58
2	.....	3	.....	.....	.....	.....	.....	.....	2
.....	.....	4	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	1	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	1
12	.....	1	.....	.....	.....	.....	.....	2	....
7	2	1	1	1	.....	.....	.....	.....	....
8	1	.....	1	.....	.....	.....	.....	.....	....
12	.....	.....	.....	.....	.....	.....	1	.....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	....
1	2	.....	.....	.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	....
1	.....	.....	.....	.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	....
.....	.....	.....	.....	.....	.....	.....	.....	.....	....
8	.....	.....	1	.....	.....	.....	.....	.....	4
3	.....	1	1	2	.....	.....	.....	1	3
40	3	16	2	.....	.....	2	.....	7	74
38	8	17	2	3	.....	3	3	5	65
748	202	385	43	424	254	67	78	257	74
679	208	379	55	386	219	75	101	230	65

Deaths.

The number of deaths in 1935 has been 9162 which is an increase of 207 over the previous year and a decrease of 1094 if comparison is made with year 1930.

The death rate per 1000 population has been 10.62 which may be considered a rather low rate. The following table gives an idea of the progress made since 1930.

NUMBER OF DEATHS PER MONTH 1930-1935.

Comparison of 1935 with the 5 previous years.

Month	1930	1931	1932	1933	1934	5 years Mean	1935
January	979	966	865	803	818	886	784
February	837	894	704	744	695	775	802
March	1,001	927	1,014	808	869	924	951
April	1,005	859	968	797	825	891	840
May	895	801	852	812	857	843	934
June	771	694	741	813	710	746	682
July	706	832	744	655	662	720	626
August	856	820	718	676	673	748	664
September	831	785	721	710	701	750	636
October	772	767	738	736	659	734	682
November	762	729	708	698	722	724	734
December	841	812	955	723	764	819	827
TOTAL	10,256	9,886	9,728	8,975	8,955	9,560	9,162
Mean	854.7	823.8	810.7	747.9	746.3	796.7	763.5
Per 1,000 of populat.	13.0	12.1	11.7	10.6	10.5	11.5	10.6

From this table, it is seen that when comparing 1935 to 1930 the death rate has decreased by 2.4 and by 0.9 if comparison is made with the mean rate of the five preceding years.

On the other hand, if the monthly number of deaths in 1935 is compared to the average of the five years 1930-1934, we find an increase in February, March, May, November and December, and an important decrease for the other months of the year.

By comparing deaths of the last three years as classified according to the international list of the causes of death, one takes into account the relative importance of each group of diseases and their tendency to increase or decrease. This is done in the following table in which the number of deaths for each group and the rates per 1000 population are indicated.

DEATHS BY VARIOUS GROUPS OF DISEASES.

Causes	Years			Per 1,000 of population		
	1933	1934	1935	1933	1934	1935
I—Epidemic diseases:						
Typhoid	31	17	24	0.04	0.02	0.03
Diphtheria	18	30	21	0.02	0.04	0.02
Influenza	158	61	204	0.19	0.07	0.24
Tuberculosis (pulmonary)	670	600	546	0.79	0.70	0.63
Other infectious diseases	333	412	430	0.39	0.48	0.50
Total	1210	1120	1225	1.43	1.31	1.42
II to V—General diseases:						
Cancer	931	907	995	1.10	1.06	1.15
Other general diseases	343	383	436	0.40	0.45	0.56
Total	1274	1290	1431	1.50	1.51	1.66
VI—Diseases of the nervous system	420	465	496	0.50	0.54	0.57
VII—Diseases of the circulatory system	1804	1882	1923	2.13	2.20	2.23
VIII—Diseases of the respiratory system	802	741	812	0.95	0.87	0.94
IX—Diseases of the digestive organs:						
Diarrhoea, 0 to 2 years	516	463	331	0.61	0.54	0.38
Other diseases of the digestive system	526	542	514	0.62	0.63	0.60
Total	1042	1005	845	1.23	1.17	0.98
X—Diseases of the genito-urinary system	937	1029	1087	1.11	1.20	1.26
XI—Puerperal state	92	97	86	0.11	0.11	0.10
XII—Diseases of the skin	38	33	45	0.04	0.04	0.05
XIII—Diseases of the bones	12	16	14	0.01	0.02	0.02
XIV—Congenital malformation	154	128	150	0.18	0.15	0.17
XV—Diseases of early infancy:						
Debility, etc. (158-160-161)	284	265	220	0.33	0.31	0.25
Premature birth	344	374	316	0.41	0.44	0.37
Total	628	639	536	0.74	0.75	0.62
XVI—Senility	65	67	57	0.08	0.08	0.07
XVII—Violent or accidental deaths:						
Suicides	54	57	54	0.06	0.07	0.06
Homicides	20	15	15	0.02	0.02	0.02
Other violent deaths	333	314	351	0.40	0.37	0.41
Total	407	386	420	0.48	0.46	0.49
XVIII—Cause of death not determined	90	57	35	0.11	0.06	0.04
Grand total	8975	8955	9162	10.60	10.47	10.62

From this table it is seen that the general death rate has been slightly increased and raised to the level of 1933.

Tuberculosis, gastro enteritis and the diseases of early infancy show a marked decrease.

The diseases showing the largest increase are cancer and the diseases of the genito urinary system.

An analysis of the statistical facts mentioned above shows that, notwithstanding a rapid decrease in infantile mortality, the general death rate has a tendency to be stabilized at a point a little under eleven per 1000 of population, the mean rate for the last three years being 10.6. In my opinion, this rate will not be greatly modified one way or the other in the course of the next few years.

This is deducted from the fact that in as much as the birth and infant mortality decrease, the mean age of the population is higher and what is gained in lowered deaths in the first years of life is lost in the higher age groups.

Dividing deaths in three age groups and calculating the rate per cent of those registered under 5 years, from 5 to 49 years, and over 50 years, one will find for each of the three year groups the following proportions for years 1914-1919, and for the 12 years between 1924-1935.

PERCENTAGE OF DEATHS FOR EACH OF THE THREE FOLLOWING AGE GROUPS.

Year	0 to 4 years	5 to 49 years	50 years and over	Total
1914 . . .	50.14	25.39	24.47	100.0
1919 . . .	44.10	27.51	28.39	100.0
1924 . . .	40.86	25.31	33.83	100.0
1925 . . .	37.01	26.53	36.46	100.0
1926 . . .	34.86	26.76	38.38	100.0
1927 . . .	32.72	30.35	36.93	100.0
1928 . . .	35.32	26.22	38.46	100.0
1929 . . .	33.37	26.77	39.86	100.0
1930 . . .	32.14	26.67	41.19	100.0
1931 . . .	30.27	26.94	42.79	100.0
1932 . . .	26.34	26.88	46.78	100.0
1933 . . .	24.72	26.01	49.27	100.0
1934 . . .	23.71	25.47	50.82	100.0
1935 . . .	22.30	25.18	52.52	100.0
Average . .	33.42	26.57	40.01	

This table shows that through all those years the percentage of the second group (5 to 49 years) has a remarkable stability. The mean percentage of the fourteen years is 26.57 per cent of the total yearly deaths and if we except year 1927, the variation over and under the mean numbers is less than two per cent. The high percentage shown in 1927 may be attributed to the typhoid fever epidemics which out of a total of 555 deaths has claimed 465 between the ages of 5 to 49 years. If deaths from typhoid fever are

excluded for that year, the percentage of this group is reduced to less than 27 or close to the average.

On the other hand, the two other age groups are highly variable. Since 1914, the first group has been lowered by more than 55 per cent, while the third one has more than doubled itself, and we have to go backward to year 1925 to find them on the same level. But since that date, the third group has been continually on the increase and has left the two others a long way behind. This is the result on one part of a marked lowering of infant mortality, and on the other of a slight increase of deaths of people over 50 years of age compared to the population of the same age.

In order to elucidate this fact, it is necessary to study the specific death rate according to age groups. This is done in the following table.

In this table, year 1935 is compared to years 1921 and 1931 which are the census years, and their choice was motivated by the fact that the population of each age group has been enumerated at the census. The population for 1935 is estimated and the distribution into the various age groups has been made according to the proportion of the total population contained in the groups enumerated in 1931. I must add that in 1921, the report of the Health Department do give the number of deaths for groups of five years up to 20 years and over that, for groups of ten years. We have therefore been obliged to follow the same division for years 1931 and 1935. However, since 1930, our reports show the number of deaths by age groups of five years up to 70 years, and the rate for subdivisions of the 10 years groups are indicated for years 1931-1935.

SPECIFIC DEATH RATES BY AGE GROUPS IN 1921-1931 AND 1935.

Age groups	Number of deaths for each group			Rate per 1,000 population in each age group		
	1921	1931	1935	1921	1931	1935
0 to 4 years .	4,154	2,992	2,043	59.69	36.66	24.30
5 to 4 years .	294	218	161	4.19	2.63	1.87
10 to 14 years .	150	117	123	2.40	1.52	1.46
15 to 19 years .	256	240	145	4.35	3.03	1.74
20 to 24 years .	—	304	230	—	3.80	2.73
25 to 29 years .	—	309	250	—	4.01	3.08
20 to 29 years .	613	613	480	5.50	3.90	2.90
30 to 34 years .	—	286	268	—	4.20	3.73
35 to 39 years .	—	346	331	—	5.65	5.13
30 to 39 years .	648	632	599	6.70	4.88	4.39
40 to 44 years .	—	400	380	—	7.52	6.78
45 to 49 years .	—	443	419	—	10.03	9.00
40 to 49 years .	648	843	799	6.69	8.66	7.79
50 to 54 years .	—	537	523	—	14.85	13.72
55 to 59 years .	—	525	637	—	20.57	23.68
50 to 59 years .	654	1,062	1,160	16.09	17.22	17.85
60 to 64 years .	—	628	679	—	31.89	32.71
65 to 69 years .	—	653	710	—	45.54	46.97
60 to 69 years .	922	1,281	1,389	40.26	37.64	38.72
70 to 79 years .	883	1,208	1,441	91.51	83.87	94.33
80 to 89 years .	429	592	720	187.83	169.24	195.28
90 years & over .	89	88	102	412.03	337.16	369.56
TOTAL . .	9,740	9,886	9,162	15.74	12.08	10.62

A study of this table shows that the death rate is the lowest between the ages of 10 and 15 years. It shows also a decrease of the death rate from year to year in all the groups up to 50 years. Over that age, there is a more or less marked increase, and it is this increasing trend of the mortality amongst the population of 50 years and over, which gives us the impression that the general mortality rate will not be lowered much under its present level.

Before concluding, I am glad to state that the staff of this division has worked faithfully throughout the year.

At the request of the public, the office issuing burial and transportation permits is now open from 9 A.M. till 11 P.M. on week days and on Sunday from 2 to 11 P.M. It has therefore been necessary to add a clerk to the staff.

Tables published as an appendix are arranged to show various aspects of statistical data; they are the same as those published since many years.

DIVISION OF STATISTICS.

TABLE I.

POPULATION (ESTIMATED).

	Number	Proportion per 1,000
French-Canadians	551,452	63.90%
British-Canadians	188,134	21.80%
Jews	51,348	5.95%
Other nationalities	72,061	8.35%
TOTAL	863,000	100.00%

TABLE II.

BIRTHS.

	Sex		Total	Proportion per 1,000 population
	M.	F.		
French-Canadians	6,342	6,089	12,431	22.36%
British-Canadians	1,378	1,321	2,699	14.35%
Jews	452	386	811	15.79%
Other nationalities	730	690	1,420	1.971%
Total	8,875	8,486	17,361	20.12%

TABLE III.

DEATHS.

(Still-births not included).

	Sex		Total	Proportion per 1,000 population
	M.	F.		
French-Canadians	3,274	3,021	6,295	11.41%
British-Canadians	952	941	1,893	10.06%
Jews	194	198	392	7.63%
Other nationalities	7	5	12	.....
TOTAL	4,792	4,370	9,162	10.62%

TABLE IV.

MARRIAGES.

	Total	Proportion per 1,000
French-Canadians	4,261	7.73%
British-Canadians	1,734	9.21%
Jews	599	11.66%
Other nationalities	441	6.12%
TOTAL	7,035	8.15%

TABLE V.

BIRTHS AND MARRIAGES.

(By place of registration).

	Births		Total	Marriages
Catholic Churches :	M.	F.		
French-Canadians	6,500	6,284	12,784	4,228
Irish-Canadians	477	451	928	465
Others	310	323	633	273
TOTAL	7,287	7,058	14,345	4,966
Protestant Churches :				
Anglicans	432	370	802	466
Presbyterians	105	102	207	162
United Churches	317	299	616	652
Baptists	27	19	46	49
Other protestants	78	53	131	83
TOTAL	959	843	1,802	1,412
Other denominations :				
Synagogues	404	262	666	599
Orthodox Churches	62	70	132	58
Births registered at the City Hall	163	253	416	...
TOTAL	629	585	1,214	657
GRAND TOTAL	8,875	8,486	17,361	7,035

TABLE VI.

DEATH BY CIVIL STATUS AND NATIONALITIES, YEAR 1935.

Civil status	French-Canadians		British-Canadians		Jews		Other nationalities and unknown nationalities		Total		Grand total	Per-cent
	M	F	M	F	M	F	M	F	M	F		
Married	1269 38.71	1029 34.04	448 47.05	336 35.71	109 56.18	83 41.91	160 43.01	95 45.49	1986 41.45	1543 35.31	3529 38.52%	38.52%
Single	453 13.83	454 15.03	187 19.65	171 18.17	26 13.40	16 8.09	73 19.62	16 7.59	739 15.42	657 15.04	1396 15.25%	15.25%
Widowers and widows	492 15.03	727 24.07	161 16.91	318 33.79	29 14.95	76 38.39	36 9.68	35 16.59	718 14.98	1156 26.44	1874 20.45%	20.45%
Unknown	17 0.52	2 0.07	9 0.95	3 0.32	.....	.....	5 1.34	.....	31 0.65	5 0.12	36 0.39%	0.39%
Children under 15 years	1043 31.86	809 26.79	147 15.44	113 12.01	30 15.47	23 11.61	98 26.35	64 30.33	1318 27.50	1009 23.09	2327 25.39%	25.39%
Total	3274 100.00	3021 100.00	952 100.00	941 100.00	194 100.00	198 100.00	372 100.00	210 100.00	4792 100.00	4370 100.00	9162 100.00%	100.00%

TABLE VII.

COMPARATIVE TABLE OF BIRTHS AND DEATHS.

	Births	Deaths	Excess of births over deaths	Natural inrease per 1,000 of population
French-Canadians	12,431	6,295	6,136	11.13%
British-Canadians	2,699	1,893	806	4.28%
Jews	811	392	419	8.16%
Other nationalities	1,420	570	850	11.79%
Not stated	....	12	...	.....
TOTAL	17,361	9,162	8,199	9.50%

TABLE VIII.

DEATHS OF CHILDREN UNDER 1 YEAR.

	Births	Deaths from 0 to 1 year	Proportion per 1,000
French-Canadians	12,431	1,282	103.1%
British-Canadians	2,699	173	64.1%
Jews	811	44	54.3%
Other nationalities	1,420	93	65.5%
Unknown	....	10	.....
TOTAL	17,361	1,602	92.8%

TABLE IX.

BIRTHS, MARRIAGES, AND DEATHS.

From 1872 to 1935 inclusively.

Years	Populations	Deaths	Proportion per 1000	Births	Proportion per 1000	Marriages	Proportion per 1000
Average from:							
1872 to 1883	134,505	4,131	30.71	6,057	45.29	1,327	9.88
1884 to 1888	180,951	5,589	30.88	7,653	42.29	1,826	10.09
1889 to 1893	219,802	5,527	25.14	9,292	42.27	2,143	9.75
1894 to 1898	244,794	6,010	24.55	9,796	40.05	2,033	8.30
1899 to 1903	272,603	6,873	25.21	9,925	36.41	2,483	9.11
1904 to 1908	339,158	7,782	22.94	12,481	36.80	3,503	10.33
1909 to 1913	459,281	9,937	21.63	17,705	38.50	4,930	10.73
1914 to 1918	533,501	11,103	20.81	20,373	38.18	6,128	9.61
1919 to 1923	618,561	10,477	16.96	20,704	33.48	6,864	10.12
1924 to 1928	690,300	9,983	14.46	21,124	30.60	6.287	9.11
1929 to 1933	809,000	10,269	12.69	20,107	24.85	6,383	7.89
1930 to 1934	830,075	9,560	11.52	19,411	23.75	6,424	7.74
1935	863,000	9,162	10.62	17,361	20.12	7,035	8.15

TABLE

DEATHS FROM C

DISEASES	January			February			March			April			May		
	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total
Measles	...	2	2	...	3	3	2	5	7	2	5	7	...	1	1
Whooping cough	2	8	10	3	8	11	5	3	8	...	4	4	...	4	4
Influenza	1	2	3	2	4	6	4	9	13	2	5	7	1	2	3
Tuberculosis	1	2	3	1	...	1	...	1	1	...	3	3	...	1	1
Syphilis	2	...	2	1	1	2	7	...	7	3	...	3	5	...	5
Other epidemic diseases	1	2	3	...	...	...	...	1	1	2	1	3	2	1	3
General diseases (Nos. 45 to 77)	...	1	1	...	...	...	2	...	2	1	1	2	...	1	1
Meningitis	...	1	1	...	...	...	1	...	1	1	...	1	...	1	1
Convulsions	...	1	1	...	...	...	1	...	1	...	1	1	...	...	...
Other diseases of the nervous system	1	...	1	2	4	6	2	3	5	3	5	8	2	4	6
Diseases of the circulatory system	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...
Bronchitis	1	...	1	...	...	...	3	...	3	2	...	2	...	...	...
Broncho-pneumonia	7	1	8	12	9	21	27	18	45	26	12	38	35	18	53
Pneumonia	3	1	4	2	3	5	1	1	2	2	4	6	...	1	1
Other diseases of the respiratory system	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1
Diseases of the stomach	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
Diarrhoea	18	2	20	17	8	25	17	5	22	21	6	27	17	7	24
Other diseases of the digestive system	...	...	...	2	2	4	...	1	1	...	1	1	1	1	2
Diseases of the genito-urinary system	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...
Diseases of the skin, etc., (Nos. 151 to 156)	...	...	...	...	1	1	...	...	...	3	...	3	1	1	2
Malformations	14	1	15	11	1	12	12	...	12	14	1	15	6	1	7
Congenital debility	3	...	3	3	...	3	7	...	7	5	...	5	8	...	8
Premature birth	34	...	34	35	...	35	41	...	41	36	...	36	35	...	35
Result of confinement	4	...	4	6	...	6	1	...	1	7	...	7	8	...	8
Other diseases peculiar to early infancy	6	...	6	4	...	4	8	...	8	9	...	9	4	...	4
External causec	...	1	1	...	1	1	1	...	1	2	...	2	1	...	1
Ill-defined causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	98	26	124	102	45	147	145	47	192	141	50	191	126	45	171

YEAR, IN 1935.

Total	July			August			September			October			November			December			Grand total		
	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total	0 to 6 mos.	6 to 12 mos.	Total
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	16	20
2	1	1	2	1	2	3	4	3	7	3	2	5	1	1	2	...	4	4	21	41	62
1	1	...	1	...	...	...	...	...	...	...	1	1	...	1	1	...	1	1	11	26	37
1	...	3	3	1	...	1	...	...	...	...	1	1	...	1	1	...	...	...	3	13	16
2	3	2	5	4	...	4	4	1	5	2	...	2	7	...	7	1	...	1	40	5	45
..	1	...	1	2	...	2	...	...	...	...	...	...	1	...	1	2	2	4	11	7	18
..	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	2	5	4	9
2	...	...	...	...	...	...	...	1	1	2	...	2	1	...	1	...	...	...	7	3	10
..	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	2	...	2	4	2	6
5	1	3	4	1	...	1	...	...	...	1	...	1	2	2	4	4	...	4	22	23	45
..	1	...	1	2	...	2	...	1	1	1	...	1	1	...	1	1	...	1	7	2	9
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	....	6
12	1	1	2	7	4	11	9	3	12	8	2	10	14	6	20	10	7	17	164	85	249
2	...	...	...	...	...	...	...	...	...	2	1	3	1	1	2	2	...	2	14	13	27
2	...	...	...	...	1	1	1	...	1	1	...	1	1	...	1	1	...	1	6	3	9
..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	3	....	3
16	22	6	28	29	21	50	31	14	45	17	4	21	10	5	15	5	3	8	215	86	301
1	...	...	...	...	...	...	2	...	2	3	1	4	...	...	...	1	...	1	10	6	16
..	...	...	...	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	3	1	4
..	1	...	1	...	3	3	2	...	2	...	...	...	1	1	2	1	1	2	9	7	16
17	5	1	6	4	1	5	9	...	9	12	1	13	14	2	16	14	2	16	130	13	143
9	2	...	2	4	...	4	4	...	4	8	...	8	4	...	4	8	...	8	65	....	65
22	22	...	22	17	...	17	10	...	10	22	...	22	18	...	18	24	...	24	316	....	316
4	6	...	6	7	...	7	10	...	10	4	...	4	6	...	6	3	...	3	66	....	66
10	6	...	6	8	...	8	14	...	14	12	...	12	4	...	4	4	...	4	89	....	89
1	...	2	2	2	...	2	1	...	1	...	...	...	1	1	2	1	...	1	10	5	15
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	....	....	....
09	73	19	92	90	32	122	102	24	126	98	13	111	89	21	110	86	21	107	1241	361	1602

TA

DEATHS OF ILLEGITIM

By causes, ages

Place of death	Crèche de la Miséricorde					Crèche St. Paul					L'Aide à la Femme			
Causes	0 to 3 mos.	3 mos. to 6 mos.	6 mos. to 1 year	Over 1 year	Total	0 to 3 mos.	3 mos. to 6 mos.	6 mos. to 1 year	Over 1 year	Total	0 to 3 mos.	3 mos. to 6 mos.	6 mos. to 1 yea	Over 1 year
Whooping-cough	....	5	23	5	33	....	....	....	1	1	4	....	3	4
Diphtheria	....	....	....	....	.....	....	....	....	....	.....	....	....	....	....
Grippe	1	1	1	3	6	....	....	....	....	.....	....	....	2	....
Syphilis	16	1	3	1	21	....	....	1	....	1	1	1	1	....
Tuberculosis	....	....	....	....	.....	....	....	....	2	2	1	....	....	....
Meningitis	....	....	....	....	.....	....	....	....	....	.....	....	....	....	....
Bronchitis	....	....	....	....	.....	....	....	....	....	.....	....	....	....	....
Broncho-pneumonia	15	10	18	5	48	1	1	1	2	5	2	....	3	1
Pneumonia	1	....	....	....	1	....	....	....	....	.....	1	1	2	....
Diarrhoea	12	2	1	....	15	....	1	....	3	4	7	4	1	....
Malformation	15	....	1	....	16	....	1	....	....	1	2	....	1	....
Premature birth	18	1	....	....	19	....	....	....	....	.....	7	....	....	....
Congenital debility	8	1	....	....	9	....	....	....	....	.....	....	....	....	....
Other diseases of early infancy	20	....	....	....	20	....	....	....	....	.....	1	....	....	....
Infanticide	....	....	....	....	.....	....	....	....	....	.....	....	....	....	....
Other causes	18	4	6	2	30	....	1	....	....	1	3	1	....	1
Total	124	25	53	16	218	1	4	2	8	15	29	7	13	6
Per cent	56.9	11.4	24.3	7.4	100.0	6.7	26.7	13.3	53.3	100.0	52.7	12.7	23.7	10.9

Number of births at "Misericordia" 596
Number of deaths at "Misericordia" 202
Proportion per 1,000 births 338.9

DREN IN 1935.

of death.

rotestant stitutions			Private boarding houses and maternities					Other places					Grand total				
6 mos. to 1 year	Over 1 year	Total	0 to 3 mos.	3 mos. to 6 mos.	6 mos. to 1 year	Over 1 year	Total	0 to 3 mos.	3 mos. to 6 mos.	6 mos. to 1 year	Over 1 year	Total	0 to 3 mos.	3 mos. to 6 mos.	6 mos. to 1 year	Over 1 year	Total
....	....	.....	....	....	....	....	.....	....	1	....	....	1	4	6	26	10	46
....	....	.....	....	....	....	....	.....	....	....	....	....	.....	....	....	....	....	.....
....	....	.....	....	....	....	....	.....	1	....	....	....	1	2	1	3	3	9
....	....	1	1	....	....	....	1	1	1	1	....	3	20	3	6	1	30
....	....	.....	....	....	....	....	.....	....	....	1	....	1	1	....	1	2	4
....	....	.....	....	....	....	....	.....	....	....	....	....	.....	....	....	....	....	.....
....	....	.....	....	....	....	....	.....	1	....	....	....	1	1	....	....	....	1
1	....	5	....	....	....	....	.....	2	3	....	....	5	23	15	23	8	69
....	1	1	....	....	....	....	.....	1	....	....	....	1	3	1	2	1	7
1	....	3	....	1	....	....	1	2	2	1	....	5	22	11	4	3	40
....	....	1	....	....	....	....	.....	2	....	....	....	2	20	1	2	....	23
....	....	2	5	....	....	....	5	14	....	....	....	14	46	1	....	....	47
....	....	.....	1	....	....	....	1	5	1	....	....	6	14	2	....	....	16
....	....	2	3	....	....	....	3	4	1	....	....	5	30	1	....	....	31
....	....	.....	....	....	....	....	.....	3	....	....	....	3	3	....	....	....	3
....	....	1	....	....	....	....	.....	1	....	1	3	5	23	6	7	6	42
2	1	16	10	1	....	....	11	37	9	4	3	53	212	48	74	34	368
12.5	6.3	100.0	90.9	9.1	....	....	100.0	69.9	17.0	7.6	5.5	100.0	57.6	13.0	20.1	9.3	100.0

TABLE XII.

TOTAL OF DEATHS FROM 0 TO 1 YEAR, FROM DIFFERENT CAUSES, YEARS 1934 AND 1935.

Causes	1934			1935		
	0 to 6 months	6 to 12 months	Total	0 to 6 months	6 to 12 months	Total
Measles	1	11	12	4	16	20
Whooping cough	32	31	63	21	41	62
Influenza	11	6	17	11	26	37
Tuberculosis	.....	6	6	3	13	16
Syphilis	27	3	30	40	5	45
Other epidemic diseases	14	7	21	11	7	18
General diseases (Nos. 45 to 77)	5	1	6	5	4	9
Meningitis	9	5	14	7	3	10
Convulsions	5	4	9	4	2	6
Other diseases of the nervous system	11	9	20	22	23	45
Diseases of the circulatory system	4	1	5	7	2	9
Bronchitis	3	1	4	6	.....	6
Broncho-pneumonia	109	87	196	164	85	249
Pneumonia	20	15	35	14	13	27
Other diseases of the respiratory system	6	6	12	6	3	9
Diseases of the stomach	1	1	2	3	.....	3
Diarrhoea	294	134	428	215	86	301
Other diseases of the digestive system	11	5	16	10	6	16
Diseases of the genito-urinary system	1	1	2	3	1	4
Diseases of the skin (Nos. 151 to 156)	6	2	8	9	7	16
Malformation (No. 157)	112	3	115	130	13	143
Debility, icterus, etc. (Nos. 158 to 161)	186	.....	186	154	.....	154
Premature birth (No. 159)	374	.....	374	316	.....	316
Result of confinement (No. 160)	79	.....	79	66	.....	66
External causes	9	5	14	10	5	15
Ill-defined causes	.....	.....	.....	.....	.....	.....
Total	1330	344	1674	1241	361	1602

TABLE XII a.

DEATHS FROM 0 TO 1 YEAR.

Legitimate and illegitimate children.

Rate per 1,000 births, 1914-1935.

Years	Number of births		Number of deaths 0 to 1 year		Rate per 1,000 births		Total Mortality	(*)
	Legitimate	Illegitimate	Legitimate	Illegitimate	Legitimate	Illegitimate	per 1,000 births	
1	2	3	4	5	6	7	8	9
1914.....	20,637	749	3,660	541	177.3	722.3	196.4	4.1
1915.....	19,945	747	3,233	546	162.1	730.9	182.6	4.5
1916.....	19,084	675	3,134	538	164.2	797.0	185.8	4.9
1917.....	19,038	626	2,872	616	150.8	984.0	177.3	6.5
1918.....	19,654	719	3,256	646	165.7	898.4	191.5	5.4
Average....	19,872	703	3,231	577	162.9	820.8	185.1	5.0
1919.....	19,159	800	2,945	698	153.7	872.5	177.5	5.7
1920.....	20,305	875	3,375	697	166.3	796.6	192.2	4.8
1921.....	20,221	925	2,599	690	128.5	745.9	155.6	5.8
1922.....	19,663	1,057	2,538	766	129.1	724.7	159.4	5.6
1923.....	19,435	1,092	2,238	819	115.2	750.0	148.9	6.5
Average....	19,757	950	2,739	734	138.6	772.6	167.7	5.6
1924.....	20,386	1,114	2,273	878	111.5	788.1	146.5	7.1
1925.....	20,805	1,171	2,221	469	106.8	400.8	122.4	3.8
1926.....	19,986	1,112	2,088	433	104.5	389.4	119.5	3.7
1927.....	19,893	847	2,031	394	102.1	465.2	116.9	4.5
1928.....	19,374	933	2,488	431	128.4	461.9	143.7	3.6
Average....	20,089	1,035	2,220	521	110.5	503.4	129.8	4.6
1929.....	19,417	998	2,239	462	115.3	462.9	132.3	4.0
1930.....	19,974	1,019	2,162	458	108.4	449.4	124.8	4.1
1931.....	19,634	1,065	1,824	521	92.9	489.2	113.3	5.3
1932.....	18,965	1,032	1,525	454	80.4	439.9	98.9	5.4
1933.....	17,388	1,043	1,316	501	75.7	480.3	98.6	6.3
Average....	19,076	1,031	1,813	479	95.0	464.6	113.9	5.0
Average 20 years..	19,697	930	2,501	578	127.0	621.5	149.3	4.9
1934.....	17,495	938	1,375	299	78.6	318.8	90.8	4.1
1935.....	16,288	1073	1,268	334	77.8	311.3	92.3	4.0

(*) Quotient obtained by dividing the figures of column 7 by those of column 6.

TABLE XIII.

STILLBIRTHS, LEGITIMATE AND ILLEGITIMATE IN 1935.

Causes of deaths, period of gestation and sex.

Causes of morti-natality	6½ months			7 months			8 months			At full term			Grand total		
	M	F	Tt.	M	F	Tt.	M	F	Tt.	M	F	Tt.	M	F	Tt.
I — Foetal mortality during "gestation":															
Foetus born at full term or before term	....	....	....	5	1	6	2	2	4	6	3	9	13	6	19
1=Syphilis and other chronic diseases	2	1	3	7	10	17	16	12	28	20	14	34	45	37	82
2=Toxaemia of pregnancy	....	2	2	4	13	17	4	5	9	22	11	33	30	31	61
3=Malformation incompatible with life	....	1	1	2	7	9	5	7	12	14	10	24	21	25	46
4=Other causes and causes not specified															
II — Mortality from premature birth:	....	1	1	....	....	....	1	....	1	....	....	....	1	1	2
5=Maternal exertion (over-work)															
6=Traumatism causing premature birth	....	1	1	1	2	3	3	....	3	2	....	2	6	3	9
7=Abnormal placental insertion	3	2	5	7	8	15	5	7	12	....	1	1	15	18	33
8=Acute diseases and infections	2	2	4	3	4	7	2	6	8	....	....	....	7	12	19
9=Chronic infection (syphilis)	1	1	2	1	2	3	....	3	3	1	....	1	3	6	9
10=Other causes and causes not specified	3	1	4	6	10	16	9	5	14	....	....	....	18	16	34
III —Foetal mortality during "parturition":															
Foetus born at full term or before term															
11=Abnormal presentation and prolapsed cord.	....	....	....	....	....	....	1	....	1	26	12	38	27	12	39
12=Obstacles to parturition	....	....	....	....	....	....	....	....	....	99	53	152	99	53	152
13=Other causes and causes not specified	....	....	....	1	....	1	....	1	1	17	14	31	18	15	33
Total	11	12	23	37	57	94	48	48	96	207	118	325	303	235	538

TABLE XIII a.

PREMATURE, BORN UNDER SIX AND A HALF MONTHS GESTATION AND NOT INCLUDED IN STILLBIRTHS STATISTICS.

Causes of mortinatality	Under 4 months				4 months			5 months			Grand total			
	M	F	Un.	Tt.	M	F	Tt.	M	F	Tt.	M	F	Un.	Tt.
I — Foetal mortinatality during "gestation":														
Syphilis and other chronic diseases	....	....	....	....	2	....	2	3	4	7	5	4	....	9
Toxaemia of pregnancy	8	1	2	11	12	2	14	15	15	30	35	18	2	55
Malformation incompatible with life	....	....	....	....	1	....	1	....	3	3	1	3	....	4
Other causes and causes not specified	1	....	....	1	2	....	2	3	....	3	6	....	....	6
II — Mortinatality from premature birth:														
Maternal exertion (overwork-)	3	1	2	6	3	1	4	5	2	7	11	4	2	17
Traumatism causing premature birth	6	1	....	7	11	6	17	13	12	25	30	19	....	49
Abnormal placenta insertion	4	....	4	8	7	3	10	10	11	21	21	14	4	39
Acute diseases and infections	3	....	1	4	10	8	18	13	11	24	26	19	1	46
Chronic infection (syphilis)	2	....	....	2	7	2	9	1	4	5	10	6	....	16
Other causes and causes not specified	12	2	4	18	9	6	15	35	24	59	56	32	4	92
III — Foetal mortinatality during "parturition":														
Abnormal presentation and prolapsed cord	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Obstacles to parturition	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other causes and causes not specified	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total	39	5	13	57	64	28	92	98	86	184	201	119	13	333

TAB

DEATHS BY AC

AGES		Legitimates					
		French-Canadians	British-Canadians	Jews	Other nationalities	Unknown	
Premature children	M	111	21	4	11	.....	
	F	97	14	3	7	.....	
From 0 to 1 month	M	117	24	12	15	1	
	F	103	19	11	4	1	
From 1 month to 6 months	M	186	18	6	25	.....	
	F	131	26	4	10	.....	
From 6 months to 1 year	M	136	21	2	10	.....	
	F	102	10	.....	6	.....	
Total under 1 year	M	550	84	24	61	1	
	F	433	69	18	27	1	
From 1 year to 2 years	M	88	13	2	10	.....	
	F	70	9	.....	8	.....	
From 2 years to 3 years	M	47	3	.....	6	.....	
	F	41	4	.....	4	.....	
From 3 years to 4 years	M	33	3	1	1	.....	
	F	16	1	.....	2	.....	
From 4 years to 5 years	M	15	7	1	1	.....	
	F	17	2	.....	2	.....	
Total under 5 years	M	733	110	28	79	1	
	F	577	85	18	43	1	
From 5 years to 9 years	M	68	15	1	6	.....	
	F	53	10	.....	8	.....	
From 10 years to 14 years	M	48	10	1	5	.....	
	F	42	8	3	6	.....	
From 15 years to 19 years	M	61	12	4	6	.....	
	F	51	7	.....	4	.....	
From 20 years to 24 years	M	65	18	4	10	.....	
	F	103	13	8	9	.....	
From 25 years to 29 years	M	74	19	8	10	.....	
	F	106	19	6	8	.....	
From 30 years to 34 years	M	87	17	2	19	.....	
	F	101	19	8	15	.....	
From 35 years to 39 years	M	105	18	4	18	.....	
	F	125	44	6	11	.....	
From 40 years to 44 years	M	115	42	9	33	.....	
	F	123	35	8	15	.....	
From 45 years to 49 years	M	134	48	8	32	.....	
	F	128	42	15	12	.....	
From 50 years to 54 years	M	180	80	11	33	1	
	F	136	61	14	7	.....	
From 55 years to 59 years	M	208	101	17	34	.....	
	F	173	77	17	10	.....	
From 60 years to 64 years	M	227	99	31	31	1	
	F	175	74	27	14	.....	
From 65 years to 69 years	M	220	88	26	22	.....	
	F	224	94	24	12	.....	
From 70 years to 79 years	M	507	190	30	16	.....	
	F	441	208	32	17	.....	
From 80 years to 89 years	M	227	66	9	8	.....	
	F	281	111	9	9	.....	
90 years and over	M	21	7	1	.....	.....	
	F	45	24	1	3	.....	
Total over 5 years	M	2347	830	166	283	2	
	F	2307	846	178	160	.....	
Grand total	M	3080	940	194	362	3	
	F	2884	931	196	203	1	

IV.

- YEAR 1935.

Illegitimates						Sex			
French-Canadians	British-Canadians	Jews	Other nationalities	Unknown	Total	Male	Female	Grand total	Percentage of total deaths
28	3	.....	.....	.....	31				
14	1	.....	.....	1	16	178	137	315	3.44%
33	2	.....	1	2	38				
24	1	1	1	2	29	207	167	374	4.08%
75	4	1	1	2	82				
57	4	.....	1	1	64	317	235	552	6.03%
42	2	.....	1	.....	45				
26	3	.....	.....	.....	29	214	147	361	3.94%
178	11	.....	3	4	196				
121	9	2	2	4	138	916	686	1602	17.49%
13	1	.....	.....	.....	14				
16	1	.....	.....	.....	17	127	104	231	2.52%
....	.....	.....	.....	.....	.....				
....	.....	.....	.....	.....	.....	56	49	105	1.15%
1	.....	.....	.....	.....	1				
....	.....	.....	.....	.....	.....	39	19	58	0.63%
2	.....	.....	.....	.....	2				
....	.....	.....	.....	.....	.....	26	21	47	0.51%
194	12	.....	3	4	213				
137	10	2	2	4	155	1164	879	2043	22.30%
....	.....	.....	.....	.....	.....	90	71	161	1.76%
....	.....	.....	.....	.....	.....	64	59	123	1.34%
....	.....	.....	.....	.....	.....	83	62	145	1.58%
....	.....	.....	.....	.....	.....	97	133	230	2.51%
....	.....	.....	.....	.....	.....	111	139	250	2.73%
....	.....	.....	.....	.....	.....	125	143	268	2.93%
....	.....	.....	.....	.....	.....	145	186	331	3.61%
....	.....	.....	.....	.....	.....	199	181	380	4.15%
....	.....	.....	.....	.....	.....	222	197	419	4.57%
....	.....	.....	.....	.....	.....	305	218	523	5.71%
....	.....	.....	.....	.....	.....	360	277	637	6.95%
....	.....	.....	.....	.....	.....	389	290	679	7.41%
....	.....	.....	.....	.....	.....	356	354	710	7.75%
....	.....	.....	.....	.....	.....	743	698	1441	15.73%
....	.....	.....	.....	.....	.....	310	410	720	7.86%
....	.....	.....	.....	.....	.....	29	73	102	1.11%
....	.....	.....	.....	.....	.....	3628	3491	7119	77.70%
194	12	.....	3	4	213				
137	10	2	2	4	155	4792	4370	9162	100.00%

TABLE XV.

DEATHS BY AGES, NATIONALITIES AND MONTHS, FOR 1935.

	Nationalities:	French-Canadians		British-Canadians		Jews		Other nationalities		Unknown		Grand total	
		Deaths	%	Deaths	%	Deaths	%	Deaths	%	Deaths	%	Deaths	%
January:	Under 5 years	121	23.18	21	13.21	3	8.82	14	20.90	2	100.00	161	20.54
	Over 5 years	401	76.82	138	86.79	31	91.18	53	79.10	.....	.....	623	79.46
	Total	522	100.00	159	100.00	34	100.00	67	100.00	2	100.00	784	100.00
February:	Under 5 years	152	27.69	21	11.73	6	15.39	8	22.86	.....	.....	187	23.32
	Over 5 years	397	72.31	158	88.27	33	84.61	27	77.14	.....	.....	615	76.68
	Total	549	100.00	179	100.00	39	100.00	35	100.00	.....	.....	802	100.00
March:	Under 5 years	212	31.32	23	12.57	6	18.19	18	31.03	.....	.....	259	27.24
	Over 5 years	465	68.68	160	87.43	27	81.81	40	68.97	.....	.....	692	72.76
	Total	677	100.00	183	100.00	33	100.00	58	100.00	.....	.....	951	100.00
April:	Under 5 years	182	31.98	33	17.65	11	23.40	12	33.33	1	100.00	239	28.45
	Over 5 years	387	68.02	154	82.35	36	76.60	24	66.67	.....	.....	601	71.55
	Total	569	100.00	187	100.00	47	100.00	36	100.00	1	100.00	840	100.00
May:	Under 5 years	187	29.88	16	8.08	4	8.51	14	22.95	2	100.00	223	23.88
	Over 5 years	439	70.12	182	91.92	43	91.49	47	77.05	.....	.....	711	76.12
	Total	626	100.00	198	100.00	47	100.00	61	100.00	2	100.00	934	100.00
June:	Under 5 years	113	24.20	16	11.43	2	7.69	8	17.02	.....	.....	139	20.38
	Over 5 years	354	75.80	124	88.57	24	92.31	39	82.98	2	100.00	543	79.62
	Total	467	100.00	140	100.00	26	100.00	47	100.00	2	100.00	682	100.00
July:	Under 5 years	100	23.87	8	5.92	2	6.66	8	19.05	.....	.....	118	18.85
	Over 5 years	319	76.13	127	94.08	28	93.34	34	80.95	.....	.....	508	81.15
	Total	419	100.00	135	100.00	30	100.00	42	100.00	.....	.....	626	100.00

TABLE XV.

DEATHS BY AGES, NATIONALITIES AND MONTHS, FOR 1935 — (Continued).

	Nationalities:	French-Canadians		British-Canadians		Jews		Other nationalities		Unknown		Grand total	
		Deaths	%	Deaths	%	Deaths	%	Deaths	%	Deaths	%	Deaths	%
August:	Under 5 years	122	25.69	13	9.92	2	11.11	8	21.63	3	100.00	148	22.29
	Over 5 years	353	74.31	118	90.08	16	88.89	29	78.37	.....	.....	516	77.71
	Total	475	100.00	131	100.00	18	100.00	37	100.00	3	100.00	664	100.00
September:	Under 5 years	109	23.49	25	2.72	3	12.50	6	16.67	2	100.00	145	22.80
	Over 5 years	355	76.51	85	77.28	21	87.50	30	83.33	.....	.....	491	77.20
	Total	464	100.00	110	100.00	24	100.00	36	100.00	2	100.00	636	100.00
October:	Under 5 years	117	24.74	12	8.57	1	4.00	7	15.91	.....	.....	137	20.09
	Over 5 years	356	75.26	128	91.43	24	96.00	37	84.09	.....	.....	545	79.91
	Total	473	100.00	140	100.00	25	100.00	44	100.00	.....	.....	682	100.00
November:	Under 5 years	116	23.43	14	9.46	6	17.14	11	19.64	.....	.....	147	20.03
	Over 5 years	379	76.57	134	90.54	29	82.86	45	80.36	.....	.....	587	79.97
	Total	495	100.00	148	100.00	35	100.00	56	100.00	.....	.....	734	100.09
December:	Under 5 years	110	19.68	15	8.19	2	5.88	13	25.49	.....	.....	140	16.93
	Over 5 years	449	80.32	168	91.81	32	94.12	38	74.51	.....	.....	687	83.07
	Total	559	100.00	183	100.00	34	100.00	51	100.00	.....	.....	827	100.00
Total:	Under 5 years	1641	26.07	217	11.46	48	12.24	127	22.28	10	83.33	2043	22.30
	Over 5 years	4654	73.93	1676	88.54	344	87.76	443	77.72	2	16.67	7119	77.70
Grand total		6295	100.00	1893	100.00	392	100.00	570	100.00	12	100.00	9162	100.00

TABLE

DEATHS BY CIVIL STATUS

WARDS	0 to 6 months	6 months to 1 year	1 year to 4 years	5 years to 14 years	15 to 49 years			
					Married	Widowed	Single	Unknown
Ahuntsic	15	7	5	4	15	1	14	.....
Bourget	48	8	16	7	35	.....	21	.....
Crémazie	23	10	4	2	45	7	27	.....
Delorimier	53	7	17	15	59	3	38	.....
Hochelaga	44	12	11	13	33	1	16	.....
Lafontaine	14	1	.....	5	9	.....	13	.....
Laurier	20	5	7	5	16	1	18	.....
Maisonneuve	35	5	15	13	32	1	29	.....
Mercier	25	14	18	12	30	1	18	.....
Montcalm	30	7	9	11	24	1	13	.....
Mount Royal	7	5	5	1	20	2	12	.....
Notre-Dame de Grâces	33	5	9	9	57	4	26	.....
Papineau	25	8	12	5	27	3	22	.....
Préfontaine	47	15	14	10	32	3	18	.....
Rosemount	59	20	29	17	53	1	33	.....
St. Andrew	17	5	3	2	23	3	22	1
St. Ann	22	7	7	8	27	2	9	.....
Ste. Cunégonde	30	9	10	4	32	.....	21	.....
St. Denis	22	12	11	7	32	3	26	.....
St. Edward	44	9	24	15	39	1	30	.....
St. Eusèbe	44	12	12	8	32	3	14	.....
St. Gabriel	31	5	12	9	31	2	13	.....
St. George	9	3	2	.....	16	2	21	2
St. Henry	53	17	24	18	54	3	21	.....
St. James	42	11	11	6	33	3	29	.....
St. John	36	7	16	9	42	1	22	.....
St. Jean Baptiste	31	6	10	8	49	2	27	.....
St. Joseph	8	5	4	2	14	3	16	.....
St. Lawrence	10	4	5	5	26	4	22	1
St. Louis	19	3	4	5	31	6	21	1
St. Mary	22	8	12	8	24	1	14	.....
St. Michael	10	5	7	4	32	2	25	.....
St. Paul	33	10	18	12	39	1	22	.....
Ville Marie	13	5	6	2	12	2	17	.....
Villeray	67	23	41	22	72	1	49	.....
Unknown	20	1	.....	.....	1	.....	7	.....
Institutions	180	65	31	1	2	.....	26	1
Total	1241	361	441	284	1150	74	793	6

XVI.

AND BY WARDS, IN 1935.

50 to 69 years				70 years and over				Total				Grand total
Married	Widowed	Single	Unknown	Married	Widowed	Single	Unknown	Married	Widowed	Single	Unknown	
30	11	5	.....	23	26	1	.....	68	38	51	.....	157
60	23	6	.....	21	48	4	.....	116	71	110	.....	297
29	17	18	1	10	21	4	.....	84	45	188	1	218
92	31	9	.....	54	54	6	1	205	8	46	1	440
41	12	5	.....	18	29	5	.....	92	42	106	.....	240
27	10	3	.....	17	16	4	.....	53	26	40	.....	119
38	17	1	.....	10	30	1	.....	64	48	57	.....	169
58	30	7	.....	23	40	7	.....	113	71	111	.....	295
30	5	4	.....	15	18	4	.....	75	24	95	.....	194
36	9	4	.....	11	22	1	.....	71	32	75	.....	178
14	6	3	.....	7	17	4	1	41	25	37	1	104
111	29	12	.....	53	63	14	1	221	96	108	1	426
42	14	3	.....	19	25	4	.....	88	42	79	.....	209
26	10	2	.....	16	14	.....	.....	74	27	106	.....	207
63	24	10	.....	31	44	6	1	147	69	174	1	391
45	16	24	.....	25	52	19	.....	93	71	92	1	257
41	9	12	.....	17	26	6	.....	85	37	71	.....	193
29	17	8	.....	15	34	5	.....	76	51	87	.....	214
43	14	7	1	26	41	2	1	101	58	87	2	248
62	18	8	.....	35	43	2	.....	136	62	132	.....	330
36	16	1	.....	17	26	1	.....	85	45	92	.....	222
39	10	7	.....	18	24	4	.....	88	36	81	.....	205
32	12	20	1	11	18	14	.....	59	32	69	3	163
63	8	5	.....	23	44	7	.....	140	55	145	.....	340
58	23	14	.....	21	23	4	.....	112	49	117	.....	278
48	11	3	.....	17	28	.....	.....	107	40	93	.....	240
70	27	11	.....	45	52	7	.....	164	81	100	.....	345
18	8	10	1	15	13	6	1	47	24	51	2	124
52	24	30	2	17	36	15	1	95	64	91	4	254
44	29	9	.....	9	25	5	.....	84	60	66	...1	211
23	11	4	.....	15	29	2	.....	62	41	70	.....	173
52	27	6	.....	30	44	6	.....	114	73	63	.....	250
40	5	5	.....	20	32	1	.....	99	38	101	.....	238
22	8	9	2	15	11	2	1	49	21	54	3	127
81	36	11	1	42	78	7	.....	195	115	220	1	531
3	5	8	5	3	7	4	3	7	12	40	8	67
6	7	37	1	11	58	78	4	19	65	418	6	508
1604	589	341	15	775	1211	262	15	3529	1874	3723	36	9162

TABLE

DEATHS OF CHILDREN UNDER FIVE YEARS,

By sex and by

WARDS	DEATHS						
	Grand total	0 to 1 year		Total from 0 to 1 year	Percentage of total deaths	1 to 5 years	
		M	F			M	F
Ahuntsic	157	13	9	22	14.0	4	1
Bourget	297	34	22	56	18.9	9	7
Crémazie	218	24	9	33	15.2	1	3
Delorimier	440	34	26	60	13.6	8	9
Hochelaga	240	25	31	56	23.3	3	8
Lafontaine	119	7	8	15	12.6	.....	.....
Laurier	169	12	13	25	14.8	6	1
Maisonneuve	295	19	21	40	13.6	9	6
Mercier	194	23	16	39	20.1	9	9
Montcalm	178	20	17	37	20.8	6	3
Mount Royal	104	9	3	12	16.3	3	2
Notre-Dame-de-Grâces	426	22	16	38	8.9	5	4
Papineau	209	18	15	33	15.7	8	4
Préfontaine	207	30	32	62	29.9	10	4
Rosemount	391	51	28	79	20.2	12	17
St. Andrew	257	19	3	22	8.5	21	4
St. Ann	193	18	11	29	15.0	5	2
Ste. Cunégonde	214	19	20	39	18.2	5	5
St. Denis	248	18	16	34	13.7	2	9
St. Edward	330	34	19	53	16.1	16	8
St. Eusèbe	222	30	26	56	25.2	10	2
St. Gabriel	205	24	12	36	17.6	7	5
St. George	163	7	5	12	7.3	2	.....
St. Henry	340	33	37	70	20.6	14	10
St. James	278	29	24	53	19.1	6	5
St. John	240	24	19	43	17.9	9	7
St. Jean Baptiste	345	24	13	37	10.8	7	3
St. Joseph	124	9	4	13	10.5	3	1
St. Lawrence	254	10	4	14	5.5	5	.....
St. Louis	211	13	9	22	10.4	1	3
St. Mary	173	15	15	30	17.3	5	7
St. Michael	250	8	7	15	6.0	2	5
St. Paul	238	22	21	43	13.8	7	11
Ville Marie	127	8	10	18	14.1	5	1
Villeray	531	53	37	90	16.9	26	15
Unknown	67	12	9	21	31.3	.....	.....
Institutions	508	146	99	245	48.2	16	15
Total	9162	916	686	1602	17.5	248	193

XVII.

COMPARED TO THE TOTAL OF DEATHS

wards, in 1935.

DEATHS									
Total from 1 to 5 years	Percentage of total deaths	0 to 5 years		Total from 0 to 5 years	Percentage of total deaths	Over 5 years		Total over 5 years	Percentage of total deaths
		M	F			M	F		
5	3.2	17	10	27	17.2	61	69	130	82.8
16	5.4	43	29	72	24.2	105	120	225	75.8
4	1.8	25	12	37	17.0	122	59	181	83.0
17	3.9	42	35	77	17.5	186	177	363	82.5
11	4.6	28	39	67	27.9	85	88	173	72.1
.....	.....	7	8	15	12.6	57	47	104	87.4
7	4.1	18	14	32	19.0	74	63	137	81.0
15	5.1	28	27	55	18.7	128	112	240	81.3
18	9.3	32	25	57	29.4	85	52	137	70.6
9	5.1	26	20	46	25.9	64	69	132	74.1
5	4.8	12	5	17	16.3	41	46	87	83.7
9	2.1	27	20	47	11.1	190	189	379	88.9
12	5.7	26	19	45	21.5	88	76	164	78.5
14	6.8	40	36	76	36.7	62	69	131	63.3
29	7.4	63	45	108	27.6	131	152	283	72.4
25	9.7	21	4	25	9.7	97	135	232	90.3
7	3.6	23	13	36	18.7	91	66	157	81.3
10	4.7	24	25	49	22.9	93	72	165	77.1
11	4.4	20	25	45	18.5	96	107	203	81.5
24	7.3	50	27	77	23.3	109	144	253	76.7
12	5.4	40	28	68	30.6	73	81	154	69.4
12	5.9	31	17	48	23.4	65	92	157	76.6
2	1.2	9	5	14	8.6	91	58	149	91.4
24	7.1	47	47	94	27.6	123	123	246	72.4
11	3.9	35	29	64	23.1	107	107	214	76.9
16	6.7	33	26	59	24.6	98	83	181	75.4
10	2.9	31	16	47	13.6	167	131	298	86.4
4	3.2	12	5	17	13.8	71	36	107	86.2
5	2.0	15	4	19	7.5	137	98	235	92.5
4	1.9	14	12	26	12.3	81	104	185	87.7
12	6.9	20	22	42	24.3	66	65	131	75.7
7	2.8	10	12	22	8.8	115	113	228	91.2
18	7.6	29	32	61	25.6	92	85	177	74.4
6	4.7	13	11	24	18.9	59	44	103	81.1
41	7.7	79	52	131	24.7	181	219	400	75.3
.....	.....	12	9	21	31.3	39	7	46	68.7
31	6.1	162	114	276	54.3	98	134	232	45.7
441	4.8	1164	879	2043	22.3	3628	3491	7119	77.7

TABLE

DEATHS BY CERTAIN

WARDS	Typhoid fever	Measles	Scarlet fever	Whooping cough	Diphtheria	Influenza	Tuberculosis, pulmonary	Tuberculosis, other forms	Other contagious diseases	Cancer
Ahuntsic	2	1	1	1	.....	4	5	2	2	24
Bourget	.....	.....	2	2	1	8	19	2	2	28
Crémazie	1	1	.....	2	1	3	33	2	6	24
Delorimier	.....	2	1	2	.....	6	23	6	4	51
Hochelaga	2	4	.....	3	2	6	15	1	4	20
Lafontaine	.....	.....	.....	.....	.....	.....	5	2	.....	14
Laurier	1	.....	.....	1	1	4	16	1	2	18
Maisonneuve	2	4	.....	.....	1	5	15	5	3	37
Mercier	.....	5	.....	3	.....	8	10	1	7	18
Montcalm	.....	1	1	1	.....	5	7	5	.....	19
Mount Royal	.....	3	.....	.....	.....	1	6	.....	3	14
Notre-Dame de Grâces	1	.....	1	1	.....	10	17	5	4	61
Papineau	1	.....	1	.....	1	3	15	1	2	21
Préfontaine	.....	5	1	1	.....	9	10	3	4	22
Rosemount	2	6	2	6	.....	12	28	6	1	46
St. Andrew	.....	.....	1	.....	.....	.....	11	4	2	40
St. Ann	.....	2	1	3	2	.....	10	3	3	27
Ste. Cunégonde	.....	.....	2	.....	.....	4	11	3	5	15
St. Denis	1	.....	2	.....	1	9	10	3	1	28
St. Edward	1	1	5	1	1	9	21	.....	4	27
St. Eusèbe	.....	2	1	2	2	6	13	1	4	24
St. Gabriel	.....	1	2	1	4	4	7	1	4	20
St. George	.....	1	.....	.....	.....	2	16	3	3	20
St. Henry	1	2	5	3	2	15	24	3	3	44
St. James	.....	1	1	4	.....	7	21	7	4	33
St. John	1	1	3	.....	.....	7	19	1	3	24
St. Jean Baptiste	.....	.....	1	.....	.....	13	22	2	1	45
St. Joseph	.....	1	.....	.....	.....	3	18	1	6	10
St. Lawrence	1	1	2	1	2	.....	16	2	3	31
St. Louis	2	2	.....	1	.....	2	14	2	5	25
St. Mary	.....	3	.....	1	.....	4	11	2	1	15
St. Michael	1	.....	2	1	.....	9	12	3	4	45
St. Paul	2	.....	4	.....	.....	4	13	2	2	16
Ville Marie	.....	.....	.....	.....	.....	2	5	1	2	11
Villeray	2	4	6	1	.....	6	30	10	3	44
Unknown	.....	.....	.....	1	.....	.....	4	.....	1	3
Institutions	.....	.....	.....	44	.....	14	14	5	32	31
Total	24	54	48	87	21	204	546	101	140	995

VIII.

ISEASES, BY WARDS, IN 1935.

Diabetis	Cerebral hemorrhage	Endocarditis and myocarditis	Pneumonia	Enteritis	Nephritis	Puerperal state	Diseases of early infancy	Deaths by violence			Other diseases	Total
								Suicide	Homicide	Others		
3	.....	13	6	3	26	2	7	.....	.....	7	48	157
7	2	33	8	21	46	2	14	.....	.....	14	86	297
3	1	19	6	8	14	.....	7	9	1	13	64	218
17	11	49	6	11	58	8	34	1	1	19	130	440
5	5	26	5	16	23	2	23	.....	.....	7	71	240
3	1	15	2	2	15	.....	9	2	.....	2	47	119
2	2	9	4	7	15	.....	7	.....	1	7	71	169
6	6	26	9	11	40	6	17	1	.....	8	93	295
3	2	13	9	10	15	.....	12	2	.....	13	63	194
1	5	16	2	7	24	3	15	1	.....	7	58	178
2	5	10	8	2	9	2	2	.....	.....	6	31	104
13	14	47	15	3	33	4	16	2	1	16	162	426
1	3	21	7	10	26	1	11	2	.....	9	73	209
3	2	16	10	21	22	7	20	.....	1	6	44	207
6	9	28	12	21	30	1	28	.....	.....	16	131	391
12	9	30	2	2	19	.....	11	5	.....	12	97	257
7	3	21	7	5	22	2	4	2	.....	7	62	193
5	3	30	12	8	24	.....	18	.....	.....	5	69	214
9	7	24	8	15	27	5	10	1	.....	9	78	248
5	9	42	11	13	30	3	25	1	.....	14	107	330
5	.....	18	7	14	23	2	14	1	1	8	74	222
8	4	22	8	10	15	4	13	.....	.....	6	71	205
3	4	16	3	2	14	.....	2	2	.....	9	63	163
8	2	26	6	12	41	6	26	1	.....	12	98	340
4	3	31	8	20	35	2	12	1	.....	6	78	278
5	4	19	7	12	21	3	13	3	.....	12	82	240
12	5	44	7	14	53	2	17	3	1	9	94	345
3	3	13	3	3	13	.....	4	.....	.....	10	33	124
7	6	30	10	3	21	1	5	3	1	10	98	254
5	2	26	3	2	18	6	10	2	1	12	71	211
2	7	16	7	14	18	2	11	1	.....	9	49	173
7	4	28	7	4	22	1	3	2	.....	5	90	250
3	3	25	14	12	26	2	14	1	.....	11	84	238
2	2	15	5	5	12	2	6	1	1	3	52	127
12	11	59	25	20	62	5	34	4	.....	21	172	531
...	.....	2	2	2	8	.....	10	.....	5	6	23	67
4	3	49	7	29	29	.....	52	.....	.....	5	190	508
303	162	927	278	374	949	86	536	54	15	351	3007	9162

TABLE XIX.

DEATHS BY AGES, QUARTERS OR SEASONS, IN 1935.

AGES	1st quarter (Winter)				2nd quarter (Spring)				3rd quarter (Summer)				4th quarter (Autumn)				Total for year
	January	February	March	Total 1st quarter	April	May	June	Total 2nd quarter	July	August	September	Total 3rd quarter	October	November	December	Total 4th quarter	
From 0 to 1 month.....	69	64	83	216	83	63	54	200	42	39	44	125	46	50	52	148	689
From 1 to 6 months.....	29	38	62	129	58	63	37	158	31	51	58	140	52	39	34	125	552
From 6 months to 1 year.....	26	45	47	118	50	45	18	113	19	32	24	75	13	21	21	55	361
From 1 to 2 years.....	19	24	38	81	24	27	16	67	15	15	11	41	10	13	19	42	231
From 2 to 3 years.....	7	7	15	29	12	15	8	35	7	6	5	18	5	12	6	23	105
From 3 to 4 years.....	6	5	9	20	8	3	4	15	2	1	1	4	7	7	5	19	58
From 4 to 5 years.....	5	4	5	14	4	7	2	13	2	4	2	8	4	5	3	12	47
Total under 5 years.....	161	187	259	607	239	223	139	601	118	148	145	411	137	147	140	424	2043
Over 5 years.....	623	615	692	1930	601	711	543	1855	508	516	491	1515	545	587	687	1819	7119
GRAND TOTAL.....	784	802	951	2537	840	934	682	2456	626	664	636	1926	682	734	827	2243	9162
" " in 1934....	818	695	869	2382	825	857	710	2392	662	673	701	2036	659	722	764	2145	8955
" " in 1933....	803	744	808	2355	797	812	813	2422	655	676	710	2041	736	698	723	2157	8975
" " in 1932....	865	704	1014	2583	968	852	741	2561	744	718	721	2183	738	708	955	2401	9728
" " in 1931....	966	894	927	2787	859	801	694	2354	832	820	785	2437	767	729	812	2308	9886
" " in 1930....	979	837	1001	2817	1005	895	771	2671	706	856	831	2393	772	762	841	2375	10256
" " in 1929....	1079	853	901	2833	961	1001	759	2721	819	865	823	2507	862	781	900	2543	10604

TABLE XX.

DEATHS FROM CERTAIN CONTAGIOUS DISEASES, BY MONTHS, YEAR 1935.

Causes of death	January	February	March	April	May	June	July	August	September	October	November	December	Total
Typhoid fever	.....	1	.....	1	3	1	1	3	5	3	5	.....	23
Paratyphoïd	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Small-pox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles	7	4	16	13	9	4	.....	.....	.....	.....	.....	1	54
Scarlet fever	4	3	7	6	9	4	1	.....	2	3	5	4	48
Diphtheria	2	1	2	.....	1	2	1	2	2	.....	7	1	21
Whooping cough	12	17	11	6	5	4	3	5	9	7	4	4	87
Meningitis C. S.	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Erysipelas	3	.....	1	3	4	1	.....	2	.....	.....	.....	3	17
Poliomyelitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mumps	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Varicella	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	2
German measles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuberculosis of the lungs	33	54	57	58	54	42	45	39	36	40	43	45	546
Tuberculosis, other forms	10	7	12	8	10	5	9	10	10	5	6	9	101
Enteritis	24	36	25	33	28	19	36	66	53	25	18	11	374
Influenza	12	47	44	27	13	6	4	.....	3	14	18	16	204
Total	107	170	175	157	136	88	100	128	120	97	106	95	1479

TABLE XXI.

DEATHS FROM CERTAIN DISEASES.

Average number and proportion per 100,000 population for each period of 5 years, from 1876 to 1935.

Periods of years	(*)	Typhoid	Smallpox	Whooping cough	Scarlet fever	Diphtheria	Tuberculosis		Cancer	Diarrhoea	Bright's disease
							Pulmonary	Other forms			
1876-1880	No	81	510	30	35	173	417	.....	46	492	.....
	Rate	59.7	376.1	22.1	25.8	127.6	307.5	.....	33.3	362.8	.....
1881-1885	No	95	634	42	38	214	434	.....	58	523	.....
	Rate	61.9	413.1	27.4	24.7	139.4	282.7	.....	40.7	340.7	.....
1886-1890	No	82	15	59	15	304	513	.....	84	699	.....
	Rate	41.0	7.5	29.5	7.5	151.9	256.3	.....	42.4	349.3	.....
1891-1895	No	50	.....	40	155	114	547	.....	106	806	.....
	Rate	21.8	.....	17.4	67.6	49.7	238.5	.....	46.2	351.4	.....
1896-1900	No	68	5	47	62	182	680	.....	163	663	.....
	Rate	26.6	1.9	18.4	24.3	71.3	266.3	.....	63.5	359.6	.....
1901-1905	No	91	3	68	70	89	616	168	181	1070	126
	Rate	31.7	1.0	23.7	24.4	31.0	214.7	57.0	63.1	373.0	42.7
1906-1910	No	156	.....	85	67	114	683	186	247	1822	232
	Rate	40.0	.....	21.8	17.2	29.3	175.3	47.7	63.4	467.6	59.5
1911-1915	No	108	1	66	90	157	969	183	341	2249	402
	Rate	21.9	0.2	13.4	18.2	31.8	176.2	37.1	69.1	455.9	81.5
1916-1920	No	89	1	63	69	174	929	194	422	1844	509
	Rate	16.1	0.2	11.4	12.5	31.5	168.4	35.2	76.5	334.3	92.2
1921-1925	No	55	.....	45	78	134	785	165	532	1382	612
	Rate	8.4	.....	6.9	11.9	20.4	119.6	25.2	81.1	210.7	93.3
1926-1930	No	139	.....	37	46	143	798	157	681	1028	726
	Rate	18.4	.....	4.9	6.1	18.9	105.7	20.8	90.2	136.2	96.2
1931	No	32	.....	30	20	71	766	121	852	974	741
	Rate	3.9	.....	3.7	2.4	8.7	93.6	14.8	104.1	119.0	90.5
1932	No	37	.....	47	24	53	722	112	853	731	889
	Rate	4.4	.....	5.6	2.9	6.4	86.7	13.4	102.4	87.8	106.7
1933	No	31	.....	2	26	18	670	141	931	582	787
	Rate	3.7	.....	0.2	3.1	2.1	79.1	16.6	109.9	68.7	92.9
1934	No	17	.....	34	38	30	600	113	907	500	892
	Rate	2.0	.....	4.0	4.4	3.5	70.2	13.2	106.1	58.5	104.3
1935	No	24	.....	54	48	21	546	101	1051	374	916
	Rate	2.8	.....	6.3	5.6	2.4	63.3	11.7	121.8	43.3	106.1

(*) In this column, "No" indicates the average number and "Rate" the proportion per 100,000 of population for each of the diseases.

TABLE XXII.

DEATHS FROM CERTAIN DISEASES BY NATIONALITIES, IN 1935.

Population	551,457	188,134	51,348	72,061	863,000
Causes of death	French-Canadians	English-Canadians	Jews	Other nationalities or unknown	Total
Typhoid	17— 70.8%	1— 4.2%	3— 12.5%	3— 12.5%	24—100.0%
Measles	48— 88.8%	4— 7.4%	1— 1.9%	1— 1.9%	54—100.0%
Scarlet fever	36— 75.0%	6— 12.5%	1— 2.1%	5— 10.4%	48—100.0%
Whooping cough	68— 78.2%	13— 14.9%	0— 0.0%	6— 6.9%	87—100.0%
Diphtheria	14— 66.7%	1— 4.7%	0— 0.0%	6— 28.6%	21—100.0%
Influenza	164— 80.4%	29— 14.2%	2— 0.9%	9— 4.5%	204—100.0%
Tuberculosis, pulmonary	363— 66.5%	92— 16.8%	19— 3.5%	72— 13.2%	546—100.0%
Tuberculosis, other forms	70— 69.3%	20— 19.8%	0— 0.0%	11— 10.9%	101—100.0%
Other contagious diseases	28— 68.3%	6— 14.6%	4— 9.8%	3— 7.3%	41—100.0%
Cancer	604— 60.7%	267— 26.8%	68— 6.9%	56— 5.6%	995—100.0%
Diabetis	124— 61.1%	51— 25.1%	16— 7.9%	12— 5.9%	203—100.0%
Cerebral hemorrhage embolism	126— 60.8%	67— 32.3%	4— 1.9%	10— 4.0%	207—100.0%
Diseases of the heart	881— 62.4%	378— 26.8%	88— 6.3%	63— 4.5%	1410—100.0%
Pneumonia	470— 69.2%	129— 19.0%	32— 4.7%	48— 7.1%	679—100.0%
Enteritis	317— 84.7%	29— 7.7%	9— 2.4%	19— 5.1%	374—100.0%
Nephritis	775— 81.6%	124— 13.1%	19— 2.0%	31— 3.3%	949—100.0%
Diseases of early infancy	538— 78.4%	87— 12.7%	21— 3.1%	40— 5.8%	686—100.0%
Violent deaths and accidental	205— 58.4%	87— 24.8%	13— 3.7%	46— 13.1%	351—100.0%
Total	4848— 69.5%	1391— 19.9%	300— 4.3%	441— 6.3%	6980—100.0%
Other causes of death	1447— 66.3%	502— 23.0%	92— 4.2%	141— 6.5%	2182—100.0%
Grand total	6295— 68.7%	1893— 20.6%	392— 4.3%	582— 6.4%	9162—100.0%

TABLE

CLASSIFICATION OF DEATHS BY CAUSES,

Causes of death	French-Canadians						British-Canadians					
	0 to 1 year		1 to 5 years		Over 5 years		0 to 1 year		1 to 5 years		Over 5 years	
	M	F	M	F	M	F	M	F	M	F	M	F
Typhoid and paratyphoid fevers	....	....	....	....	6	11	....	....	....	....	....	1
Measles	11	8	14	13	1	1	....	....	3	....	....	1
Scarlet fever	2	1	12	12	7	2	1	1	2	2	....	....
Whooping-cough	31	18	12	7	....	....	3	6	2	2	....	....
Diphtheria	....	....	3	6	1	4	....	....	....	....	....	1
Grippe and influenza	21	15	22	9	39	58	1	....	2	....	11	15
Tuberculosis, all forms	4	8	5	7	198	211	2	....	5	2	56	47
Syphilis	23	15	3	1	22	12	4	1	....	....	6	1
Other infectious and parasitic diseases	6	5	....	1	8	8	....	....	1	....	3	2
Cancer and malignant tumors	....	....	2	2	289	311	....	....	1	....	131	135
Diabetis	....	....	....	....	42	82	....	....	....	....	13	38
Other tumors and other general diseases	3	2	6	5	58	73	1	2	....	....	23	35
Diseases of the nervous system	26	27	14	12	138	116	2	5	1	1	50	57
Diseases of the circulatory system	4	5	3	1	586	576	....	....	....	....	264	285
Diseases of the respiratory system	127	91	56	41	133	123	16	16	4	9	42	61
Diseases of the digestive system	157	116	27	28	174	146	13	9	3	....	62	37
Diseases of the genito-urinary system	1	2	2	4	435	426	....	....	....	....	79	72
The puerperal state	....	....	....	....	....	63	....	....	....	....	....	11
Diseases of the skin and cellular tissue	8	4	1	2	16	11	2	....	....	....	6	3
Congenital malformation and early infancy	299	236	....	1	1	1	48	37	....	....	....	2
Old age	....	....	....	....	14	19	....	....	....	....	7	13
Violent and accidental deaths	5	1	17	8	163	47	2	1	3	1	70	27
Ill-defined causes of deaths	....	....	....	....	16	6	....	....	....	....	7	2
Total	728	554	199	160	2347	2307	95	78	27	17	830	846

XII a.

GES, SEX AND NATIONALITIES, IN 1935.

Jews						Other nationalities or unknown						Total		
0 to 1 year		1 to 5 years		Over 5 years		0 to 1 year		1 to 5 years		Over 5 years		M	F	Grand total
M	F	M	F	M	F	M	F	M	F	M	F			
..	....	....	....	2	1	....	....	....	....	2	1	10	14	24
1	....	....	....	....	....	....	....	1	....	....	....	31	23	54
..	....	1	....	....	....	....	....	3	1	....	1	28	20	48
..	....	....	....	....	....	2	2	....	2	....	....	50	37	87
..	....	....	....	....	....	....	....	....	1	3	2	7	14	21
..	....	1	....	1	....	....	....	1	1	1	6	100	104	204
..	....	....	....	12	7	....	2	1	3	55	22	338	309	647
..	....	....	....	1	....	1	1	....	....	8	....	68	31	99
..	1	....	....	1	2	....	1	....	....	1	1	20	21	41
..	....	....	....	29	39	....	....	....	1	32	23	484	511	995
..	....	....	....	9	7	....	....	....	....	9	3	73	130	203
..	....	....	....	4	2	1	....	1	....	10	7	107	126	233
..	....	....	....	10	5	1	....	1	1	19	10	262	234	496
..	....	....	....	50	74	....	....	....	....	42	33	949	974	1923
6	7	1	....	12	11	20	8	3	4	11	10	431	381	812
5	2	1	....	11	7	11	7	3	1	19	6	486	359	845
..	....	....	....	11	14	1	....	....	....	24	16	553	534	1087
..	....	....	....	....	2	....	....	....	....	....	10	.....	86	86
..	1	....	....	....	1	1	....	1	....	2	....	37	22	59
12	8	....	....	....	1	28	11	....	1	....	....	388	298	686
..	....	....	....	1	1	....	....	....	....	....	2	22	35	57
..	1	....	....	11	3	3	2	3	....	45	7	322	98	420
..	....	....	....	1	1	....	....	....	....	2	....	26	9	35
24	20	4	....	166	178	69	34	18	16	285	160	4792	4370	9162

TABLE

DEATHS OF NON-RESIDENTS

Causes of death	French-Canadians						British-Canadians					
	0 to 1 year		1 to 5 years		Over 5 years		0 to 1 year		1 to 5 years		Over 5 years	
	M	F	M	F	M	F	M	F	M	F	M	F
I—Infectious and parasitic diseases:												
Tuberculosis of the lungs	....	....	....	....	26	33	....	....	....	....	10	4
Tuberculosis, other forms	1	....	....	2	6	4	....	....	4	1	2	2
Other infectious and parasitic diseases	22	....	5	2	12	5	....	....	1	1	8	6
II—Cancers and other tumors	....	1	3	1	57	36	....	....	....	1	31	36
III—Rhumatismal diseases, etc	....	....	....	1	2	5	....	....	....	....	6	7
IV—Diseases of the blood, etc	....	....	1	....	5	5	....	....	....	....	7	1
V—Chronic poisoning, etc	....	....	....	....	1	1	....	....	....	....	....	1
VI—Diseases of the nervous system	2	....	....	3	9	3	....	....	....	....	8	9
VII—Diseases of the circulatory system	1	....	....	....	41	24	....	....	....	....	32	21
VIII—Diseases of the respiratory system	3	2	5	5	10	6	1	2	....	1	15	11
IX—Diseases of the digestive system	4	3	5	3	42	36	2	2	....	....	28	10
X—Diseases of the genito-urinary system	....	....	....	....	41	23	....	1	1	....	15	10
XI—The puerperal state	....	....	....	....	....	9	....	....	....	....	....	4
XII—Diseases of the skin, etc	....	....	....	....	1	....	....	....	....	....	1	....
XIII—Diseases of the bones	....	....	....	....	....	2	....	....	....	....	1	....
XIV—Congenital malformation	1	2	....	1	....	2	1	3	....	....	....	....
XV—Diseases of the early infancy	7	9	....	....	....	....	4	6	....	....	....	....
XVI—Old age	....	....	....	....	....	1	....	....	....	....	....	1
XVII—Violent and accidental deaths	2	....	1	1	33	6	....	....	1	....	16	4
XVIII—Ill-defined causes of deaths	....	....	....	....	....	....	....	....	....	....	2	1
Total	23	17	20	19	286	201	9	14	7	4	182	128

XXIII.

OF MONTREAL, IN 1935.

Jews						Other nationalities or unknown						Total		
0 to 1 year		1 to 5 years		Over 5 years		0 to 1 year		1 to 5 years		Over 5 years		M	F	Grand total
M	F	M	F	M	F	M	F	M	F	M	F			
...	....	....	....	....	....	....	....	....	....	6	2	42	39	81
...	....	....	....	....	2	....	1	....	....	....	1	13	13	26
...	....	....	....	....	1	....	....	....	1	....	....	28	16	44
...	....	....	....	1	1	....	....	....	....	3	5	95	81	176
...	....	....	....	....	2	....	....	....	....	....	....	8	15	23
...	....	....	....	....	....	....	....	....	....	....	....	13	6	19
...	....	....	....	....	....	....	....	....	....	....	....	1	2	3
...	....	....	....	3	....	....	....	....	....	1	....	24	15	39
...	....	....	....	3	2	....	....	....	....	6	2	83	49	132
1	....	....	....	....	....	1	....	....	....	....	....	36	27	63
...	....	....	....	....	....	1	....	....	....	1	2	83	56	139
...	....	....	....	2	....	....	....	....	....	5	1	64	35	99
...	....	....	....	....	1	....	....	....	....	....	....	.....	14	14
...	....	....	....	1	1	....	....	....	....	....	....	3	1	4
...	....	....	....	....	....	....	....	....	....	....	....	1	2	3
1	....	....	....	....	....	1	....	....	....	....	....	4	8	12
2	....	....	....	....	....	1	2	....	....	....	....	14	17	31
....	....	....	....	....	....	....	....	....	....	....	....	.....	2	2
....	....	....	1	1	....	....	....	....	....	2	2	56	14	70
....	....	....	....	....	....	....	....	....	....	....	....	2	1	3
4	....	....	1	11	10	4	3	....	1	24	15	570	413	983

TABLE XXIV.

DEATHS IN MONTREAL, CLASSIFIED ACCORDING TO THE PLACE OF DEATH (domiciles, hospitals, homes, etc.)

RESIDENTS AND NON-RESIDENTS.

Place of death	Residents		Non-residents		Total		Grand Total
	Male	Fem.	Male	Fem.	Male	Fem.	
Domiciles	2098	2248	25	28	2123	2276	4399
GENERAL HOSPITALS:							
1—Notre Dame Hospital	255	221	56	37	311	258	569
2—St. Luc Hospital	220	149	24	12	244	161	405
3—Pasteur Hospital	50	37	3	1	53	38	91
4—Hotel Dieu Hospital	127	125	63	36	190	161	351
5—Du Sacre Coeur Hospital	151	159	43	45	194	204	398
6—Ste Jeanne d'Arc Hospital	68	102	9	11	77	113	190
7—Ste Justine Hospital	263	188	46	35	309	223	532
8—Misericorde Hospital	10	26	5	5	15	31	46
9—Montreal General Hospital	159	69	54	26	213	95	308
10—Montreal General Hospital West	43	21	24	18	67	39	106
11—Royal Victoria General Hospital	156	135	88	69	244	204	448
12—Royal Victoria Maternity	19	23	3	2	22	25	47
13—Children Memorial Hospital	72	52	10	13	82	65	147
14—Montreal Children Hospital	13	7	.....	.....	13	7	20
15—Homeopathic Hospital	27	19	11	8	38	27	65
16—Catherine Booth	3	2	.....	1	3	3	6
17—St. Mary's Hospital	40	47	13	7	53	54	107
18—Alexandra Hospital	14	14	4	6	18	20	38
19—Jewish Hospital	48	54	8	5	56	59	115
20—Private Hospital & Maternities	10	11	5	3	15	14	29
21—Others	11	13	6	2	17	15	32
Total General Hospitals	1759	1474	475	342	2234	1816	4050
INFANT HOMES:							
1—Misericorde	132	85	.....	.....	132	85	217
2—St. Paul	6	9	.....	.....	6	9	15
3—Aide à la Femme	31	24	.....	.....	31	24	55
4—Boarding Homes	1	.....	.....	.....	1	.....	1
Total	170	118	.....	.....	170	118	288

TABLE XXIV.

DEATHS IN MONTREAL, CLASSIFIED ACCORDING TO THE PLACE OF DEATH (domiciles, hospitals, homes, etc.)

RESIDENTS AND NON-RESIDENTS — (Continued).

Place of death	Residents		Non-residents		Total		Grand Total
	Male	Fem.	Male	Fem.	Male	Fem.	
OTHER HOMES:							
1—Notre-Dame de la Merci	150	.....	15	.....	165	.....	165
2—Aide à la Femme	.....	41	.....	5	.....	46	46
3—Convalescent Homes	.....	2	.....	5	.....	7	7
4—Others	156	157	32	30	188	187	375
Total	306	200	47	40	353	240	593
MISCELLANEOUS:							
1—Religious communities	7	49	.....	.....	7	49	56
2—Public places	120	22	17	3	137	25	162
3—Penal establishments:							
A) Bordeaux Hospital	11	.....	5	.....	16	.....	16
B) Others	8	1	1	.....	9	1	10
Total	146	72	23	3	169	75	244
MONTREAL RESIDENTS deceased elsewhere:							
St. Jean de Dieu Asylum	96	81	.....	.....	96	81	177
Verdun Insane Asylum	31	31	.....	.....	31	31	62
T. B. C. Sanatoria	9	11	.....	.....	9	11	20
Other hospitals	95	89	.....	.....	95	89	184
Other places	82	46	.....	.....	82	46	128
Total	313	258	.....	.....	313	258	571

SUMMARY.

Domiciles	2098	2248	25	28	2123	2276	4399
General Hospitals	1759	1474	475	342	2234	1816	4050
Infant homes	170	118	.....	.....	170	118	288
Other homes	306	200	47	40	353	240	593
Miscellaneous	146	72	23	3	169	75	244
Montreal residents deceased elsewhere	313	258	.....	.....	313	258	571
GRAND TOTAL	4792	4370	570	413	5362	4783	10145

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
	I.—Infectious and Parasitic Diseases.															
1	Typhoid fever (typhus abdominalis)	23	10	13	....	....	....	....	....	....	....	....	1	....	....	1
2	Paratyphoid fever (paratyphus)	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....
3	Typhus exanthematic	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	Relapsing fevers	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	Undulant fever	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
6	Smallpox:															
	a) variola major	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	b) variola minor, alastrim	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	c) not specified	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	Measles	54	31	23	2	2	10	6	18	13	1	1	...	1	....	....
8	Scarlet fever	48	28	20	....	....	3	2	18	15	6	2	...	1	....	....
9	Whooping cough	87	50	37	11	10	25	16	14	11	...	...	....	....	....	....
10	Diphtheria	21	7	14	....	....	....	....	3	7	3	7	1	...	....	....
11	Grippe or influenza:															
	a) with pneumonic complications stated	165	81	84	5	3	13	8	23	8	4	1	...	2	1	1
	b) without stated pulmonary complications	39	19	20	3	....	1	4	3	2	2	2	...	3	....	....
12	Cholera	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	Dysentery:															
	a) amoebic	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	b) bacillary	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	c) other or unspecified	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	Plague:															
	a) bubonic	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	b) pneumonic	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	c) septicemic	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	d) not otherwise defined	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
15	Erysipelas	17	9	8	2	4	1	...	1	...	....	....	....	....	....	....
16	Acute poliomyelitis and acute polioencephalitis	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
17	Lethargica or epidemic encephalitis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
18	Meningitis cerebrospinal epidemic	1	....	1	....	....	....	....	....	1	....	....	....	....	....	....
19	Glanders and farcy	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	Malignant pustule (bacillus anthracis)	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
21	Rabies	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	Tetanus	2	2	....	....	....	....	....	....	....	....	....	2	....	....	....
23	Tuberculosis of the lungs	546	297	249	....	1	5	3	2	4	2	1	2	1	16	18
24	Tuberculosis of the meninges and of the central nervous system	38	12	26	....	2	...	2	5	7	1	2	...	4	2	3
25	Tuberculosis of intestines and peritoneum (including mesenteric ganglia)	21	4	17	....	....	....	1	....	....	....	....	1	1	....	1
26	Tuberculosis of the spine	8	5	3	....	....	....	....	....	....	1	1	....	....	....	....
27	Tuberculosis of the bones and joints (spine excepted)	5	3	2	....	....	....	....	....	....	....	....	....	....	1	....
28	Tuberculosis of the skin and subcutaneous tissue	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

XXV.

TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935.

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
2	3	2	2	1	...	...	3	1	2	1	...	...	...	...	...	1	1	...	...	1	...	...	1	...	...	1
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
																										6
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	c)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
																										11
2	1	...	...	...	5	1	3	3	1	3	5	3	1	2	3	2	3	2	6	8	17	9	13	...	3	a)
2	...	1	1	...	...	1	...	1	1	...	...	1	1	...	2	...	1	...	...	1	1	2	1	1	1	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
																										13
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	c)
																										14
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	c)
..	...	1	...	...	1	...	1	...	...	1	...	...	1	...	...	1	...	...	...	2	...	...	...	...	1	d)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	17
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
																										22
26	52	26	38	36	31	30	30	29	23	32	10	20	6	29	10	18	5	9	1	15	11	...	3	...	1	23
2	3	...	1	2	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	24
..	6	...	1	1	1	...	1	1	1	...	1	...	2	1	...	...	1	...	...	...	...	...	...	...	...	25
..	...	...	2	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
..	...	...	2	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	27
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
29	Tuberculosis of the lymphatic system	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...
30	Tuberculosis of the genito-urinary system	7	5	2	...	...	...	...	...	...	...	...	...	...	...	...
31	Tuberculosis, other sites	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...
32	Disseminated tuberculosis:															
	a) acute	13	6	7	...	...	1	1	4	1	1	...	...	1	...	...
	b) chronic	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...
	c) unstated	3	2	1	...	...	...	...	...	...	...	...	...	...	1	...
33	Leprosy	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	Syphilis:															
	a) congenital	49	31	18	25	15	3	2	3	1	...	...	...	...	...	...
	b) acquired	22	17	5	...	...	...	...	...	...	...	...	...	...	...	...
	c) not stated	28	20	8	...	...	...	...	...	...	...	...	...	...	...	...
35	Gonococcal and other venereal diseases	4	1	3	1	1	...	...	...	...	...	...	...	...	...	...
36	Purulent infection and septicœmia (non puerperal):															
	a) septicœmia	5	...	5	...	...	...	...	...	...	...	...	...	1	...	...
	b) pyaemia or pyohemia	5	4	1	...	...	...	...	...	...	1	...	...	...	1	1
	c) gas gangrene	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	Yellow fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38	Malaria:															
	a) intermittent fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	b) malarial cachexia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	Other diseases from protozoal parasites	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	Ankylostomiasis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	Hydatid tumour:															
	a) of the liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	b) other sites	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
42	Other diseases from helminths	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	Mycoses	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
44	Other infectious or parasitic diseases	4	2	2	2	1	...	1	...	...	...	...	...	...	...	...
	Total	1225	652	573	51	39	62	46	94	70	22	18	7	15	23	25
	II.—Cancers and other Tumors															
45	Cancer and other malignant tumors of the buccal cavity and the pharynx	76	71	5	...	...	...	...	...	...	...	...	...	...	...	...
46	Cancer and malignant tumor of peritoneum and digestive tract:															
	a) oesophagus	29	23	6	...	...	...	...	...	...	...	...	...	...	...	...
	b) stomach and duodenum	186	112	74	...	...	...	...	...	...	...	...	...	...	...	...
	c) rectum	44	17	27	...	...	...	...	...	...	...	...	...	...	...	1
	d) liver and bile ducts	62	26	36	...	...	...	...	...	...	...	...	...	...	...	...
	e) pancreas	26	21	5	...	...	...	...	...	...	...	...	...	...	...	...
	f) peritoneum	4	1	3	...	...	...	...	...	...	...	...	...	...	...	...
	g) others	118	57	61	...	...	...	...	...	...	...	...	...	...	1	...
	Cancer and malignant tumor of respiratory organs	47	38	9	...	...	...	...	...	...	...	...	...	...	...	...

XXV.

TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
				1						1									1							29
1		1		1		1	1		1									1								30
																										31
																										32
	2		1										1													a)
			1													1										b)
										1									1							c)
																										33
																										34
						2		3	1	1		4	1	4	1	3			1							a)
	1					4	4	2		3	1	6			2	2		1		1		1				b)
			1																							c)
	1				1																					35
																										36
			1		2		1																			a)
1														1												b)
																										c)
																										37
																										38
																										a)
																										b)
																										39
																										40
																										41
																										a)
																										b)
										1																42
																										43
																										44
38	69	31	51	44	41	39	45	42	30	45	17	35	13	37	19	28	11	13	11	28	29	12	18	1	6	
																										45
		1							1		4		6	1	10		14	1	14	1	16	2	5			
																										46
													3		7	1	6	3	3	2	3		1			a)
					2	3		3	2	7	7	8	7	14	8	15	5	27	13	28	26	7	4			b)
			2	1		1		1	3	1	2	3	1	2	8	5	4	3	3		1		2			c)
				1	1		1	1	1	1	6	4		5	3	3	8	5	5	5	9	1	2			d)
								2		3		2		4	1	3	2	2	2	5						e)
							1					1					1		1							f)
	2			2	4	2		2	6		5	4	4	8	6	8	4	10	11	18	15	2	4			g)
			1			1	1	4	1	2		10		4		4	3	4	1	9	1		1			47

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
48	Cancer and malignant tumor of the uterus	116	....	116	....	....	....	....	....	....	....	....	....	....	....	....
49	Cancer and malignant tumor: other female genital organs	24	....	24	....	....	....	....	....	....	....	....	....	....	....	....
50	Cancer and malignant tumor of the breast	99	2	97	....	....	....	....	....	....	....	....	....	....	....	....
51	Cancer and malignant tumor of male genito-urinary organs	77	77	....	....	....	....	....	3	....	....	....	....	....	....	....
52	Cancer and malignant tumor of the skin	6	4	2	....	....	....	....	....	....	....	....	....	....	....	....
53	Cancer and malignant tumor of other organs not stated	81	35	46	....	....	....	....	....	3	1	....	....	2	1	1
54	Tumors (non-malignant):															
	a) female genital organs	23	....	23	....	....	....	....	....	....	....	....	....	....	....	....
	b) other organs	15	5	10	....	....	....	....	1	1	....	....	....	....	....	....
55	Tumors whose character is not specified:															
	a) female genital organs	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	b) other organs	18	13	5	....	....	....	....	....	....	1	....	1	....	....	....
	Total	1051	502	549	....	....	....	....	4	4	2	....	1	2	2	2
	III.—Rhumatic Diseases, Diseases of the Nutrition of Endocrin Glands and other General Diseases.															
56	Acute articular rhumatic fever	27	15	12	....	....	....	....	2	....	5	5	2	3	2	1
57	Chronic rhumatism, osteoarthritis	24	15	9	....	....	....	....	....	....	....	....	....	....	....	....
58	Gout	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
59	Diabetes mellitus	203	73	130	....	....	....	....	....	....	1	1	1	3	....	1
60	Scurvy:															
	a) infantile scurvy (Barlow's disease)	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....
	b) scurvy	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
61	Beriberi	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
62	Pellagra	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
63	Rickets	3	2	1	....	....	....	....	2	1	....	....	....	....	....	....
64	Osteomalacie	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
65	Disease of the pituitary gland (hypophysis)	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
66	Disease of the thyroid gland and parathyroid glands:															
	a) goitre	4	....	4	....	....	....	....	....	....	....	....	....	....	....	....
	b) exophthalmic goitre	13	1	12	....	....	....	....	....	....	....	....	....	....	....	....
	c) myxoedema and cretinism	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....
	d) tetany	2	....	2	....	1	....	....	....	1	....	....	....	....	....	....
	e) others	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
67	Diseases of the thymus	7	4	3	2	2	1	....	1	1	....	....	....	....	....	....

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TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
..	...	...	3	...	6	...	13	...	18	...	13	...	13	...	18	...	11	...	7	...	13	...	1		...	48
..	1	...	...	...	2	...	3	...	1	...	6	...	5	...	1	...	2	...	1	...	1	...	1	...	...	49
..	...	...	1	...	4	...	2	...	12	...	13	...	6	...	16	...	5	...	15	1	14	1	9	...	...	50
..	...	2	...	...	...	...	...	2	...	4	...	4	...	7	...	10	...	13	...	23	...	8	...	1	...	51
..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1	1	...	1	...	...	52
2	1	1	...	1	2	2	2	2	4	3	5	3	4	3	4	6	4	3	4	6	8	1	1	...	1	53
																										54
..	1	...	1	...	1	...	6	...	2	...	2	...	2	...	4	...	2	...	1	...	1	...	...	...	...	a)
..	1	...	...	...	...	...	1	...	...	...	1	...	3	2	2	1	...	1	...	...	...	...	1	...	...	b)
																										55
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	2	1	...	...	...	3	...	...	...	1	...	1	...	1	...	2	...	...	2	2	1	...	...	...	...	b)
2	8	5	8	5	22	12	30	18	50	26	60	50	46	67	72	78	55	86	69	117	93	26	27	1	1	
1	...	...	...	...	2	2	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	56
..	...	1	...	1	...	1	...	...	...	...	...	1	1	1	...	4	3	...	1	2	3	4	1	...	...	57
																										58
1	1	1	1	...	1	2	2	3	1	2	10	5	11	4	22	15	13	9	21	27	32	2	10	...	...	59
																										60
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	61
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	63
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	64
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	65
																										66
..	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	1	...	...	...	...	...	...	a)
..	1	...	...	...	1	...	1	1	2	...	...	...	3	...	2	...	...	1	1	...	1	...	...	...	...	b)
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	c)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	d)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	e)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 yea		1 to 4 years		5 to 9 year		10 to 14 years		15 to 19 year	
					M	F	M	F	M	F	M	F	M	F	M	F
68	Diseases of adrenals, Addison's disease (not tubercular)	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
69	Other general diseases	6	3	3	....	....	....	....	....	....	....	....	....	....	....	....
	Total	295	117	178	2	3	2	...	5	3	6	6	3	6	2	2
	IV.—Diseases of the Blood and of the Hematopoietic Organs.															
70	Haemorrhage:															
	a) primitive purpuras	4	1	3	....	....	....	....	....	....	....	....	....	....	....	....
	b) haemophilia	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
71	Anaemia:															
	a) pernicious progressive anaemia	31	13	18	....	....	1	1	...	...	...	1	...	1	...	1
	b) others	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....
72	Leukaemia:															
	a) leucocythaemia	23	13	10	....	....	....	....	1	...	1	...	1	1	1	...
	b) lymphadenoma	6	4	2	....	....	....	....	...	...	1	...	...	...	...	...
73	Diseases of the spleen	3	2	1	....	....	....	....	...	1	...	...	...	...	1	...
74	Other diseases of the blood and of the hematopoietic organs	4	....	4	....	....	....	....	....	....	....	....	....	1	....	....
	Total	73	34	39	....	....	1	1	1	1	2	1	1	3	2	1
	V.—Chronic Poisoning and Intoxication.															
75	Chronic or acute alcoholism	9	8	1	....	....	....	....	....	....	....	....	....	....	....	....
76	Other chronic poisoning by organic substances:															
	a) professional	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	b) others	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....
77	Chronic poisoning by mineral substances:															
	a) professional	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	b) others	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	12	11	1	....	....	....	....	....	....	....	....	....	....	....	....
	VI.—Diseases of the Nervous System and Sense Organs.															
78	Encephalitis (non epidemic):															
	a) abcess of brain	2	1	1	....	....	....	....	....	....	....	....	....	....	1	...
	b) others	5	2	3	....	....	....	....	....	1	....	....	....	....	....	....
79	Meningitis simple	36	25	11	5	2	3	...	7	3	...	2	2	...	2	...
80	Progressive locomotor ataxia	20	15	5	....	....	....	....	....	....	....	....	....	....	....	....
81	Other diseases of the spinal cord	11	4	7	....	....	....	....	....	....	....	....	....	....	....	....

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TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	68
...	...	...	...	1	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...	1	1	...	...	...	...	69
3	2	2	1	2	5	5	4	4	4	3	11	6	17	6	25	19	17	11	24	30	37	6	11	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	...	1	...	...	...	...	70 a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
...	...	...	1	1	...	...	1	1	1	...	1	...	1	...	1	4	1	3	3	3	1	...	3	...	...	71 a)
...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
1	...	1	...	...	...	...	...	1	1	...	1	2	2	1	3	2	...	...	2	1	...	...	...	...	...	72 a)
...	...	1	...	1	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	73
...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	74
1	1	2	1	3	1	...	4	2	2	1	2	3	4	2	4	6	2	3	6	4	2	...	3	...	...	
...	...	1	...	1	...	...	...	1	...	1	...	...	1	1	...	...	...	3	...	...	...	...	...	...	...	75
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76 a)
...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	b)
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77 a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
...	...	1	...	1	...	1	...	1	...	2	...	...	1	2	...	...	...	3	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	78 a)
...	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	b)
...	2	4	...	...	1	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	79
...	...	...	...	...	...	1	...	...	...	2	...	4	1	3	...	2	1	...	2	3	1	...	...	...	...	80
...	...	...	...	...	...	...	1	1	1	...	1	1	1	...	3	1	...	...	...	1	...	...	...	...	...	81

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
82	Cerebral haemorrhage, embolism, cerebral thrombosis:															
	a) cerebral haemorrhage	162	78	84	....	....	...	1	...	...	...	...	...	...	...	...
	b) embolism or cerebral thrombosis	37	15	22	....	....	...	...	...	...	...	...	...	...	...	...
	c) hemiplegia and causes not specified	8	4	4	....	....	...	...	...	...	...	...	...	...	...	...
83	General paralysis	50	37	13	....	....	...	...	...	...	...	...	...	...	...	...
84	Dementia praecox and other psychosis:															
	a) dementia praecox	3	3	...	....	....	...	...	...	...	...	...	...	...	1	...
	b) other psychosis	15	5	10	....	....	...	...	...	...	...	...	...	...	...	...
85	Epilepsy	23	12	11	....	1	...	...	...	...	1	...	...	2	2	1
86	Infantile convulsions (under 5 years of age)	13	4	9	....	4	1	1	3	4	...	...	...	...	...	...
87	Other diseases of the nervous system:															
	a) chorea	1	1	....	....	....	...	...	...	...	1	...	...	...	...	...
	b) neuritis	.....	...	...	....	....	...	...	...	...	...	...	...	...	...	...
	c) paralysis agitans	11	6	5	....	....	...	...	...	...	...	...	...	...	...	...
	d) insular sclerosis	9	4	5	....	....	...	...	...	...	...	...	...	...	...	...
	e) others	7	3	4	....	....	...	...	...	1	1	1	...	...	1	1
88	Diseases of the eye and annexa	.....	...	...	....	....	...	...	...	...	...	...	...	...	...	...
89	Diseases of the ear and of the mastoid sinus:															
	a) otitis	55	28	27	7	11	9	9	5	4	2	3	2	...	2	...
	b) others	28	15	13	2	1	2	2	1	1	2	1	1	2	...	...
	Total	496	262	234	14	19	15	13	16	14	7	7	5	4	9	2
	VII.—Diseases of the Circulatory System.															
90	Pericarditis	.....	...	...	....	....	...	...	...	...	...	...	...	...	...	...
91	Acute endocarditis	31	14	17	1	3	1	...	1	...	2	...	...	2	2	2
92	Chronic endocarditis, including valvular disease	390	184	206	....	....	...	...	...	...	2	3	3	5	5	7
93	Diseases of the myocardium:															
	a) acute myocarditis	12	3	9	....	....	...	1	...	1	...	...	...	1	...	...
	b) chronic myocarditis and degeneration of myocardium	490	245	245	....	....	...	...	...	...	...	...	1	...	1	1
	c) unstated	4	2	2	....	....	...	...	...	...	...	...	...	...	...	...
94	Diseases of the coronary arteries and angina pectoris	283	169	114	....	....	...	...	...	...	1	...	...	...	...	...
95	Other diseases of the heart:															
	a) functional diseases of the heart	43	19	24	....	....	...	...	1	...	...	...	1	...	...	...
	b) others and unstated	157	70	87	....	....	...	...	1	...	...	1	2	...	1	...
96	Anevrism, except aneurism of the heart	9	7	2	....	....	...	...	...	...	...	...	...	...	...	...
97	Arteriosclerosis, except diseases of the coronary arteries	449	207	242	....	....	...	...	...	...	...	...	...	...	...	...
98	Gangrene:															
	a) senile	15	9	6	....	....	...	...	...	...	...	...	...	...	...	...
	b) others	4	2	2	....	....	...	...	...	...	...	...	...	...	...	...
99	Other diseases of the arteries	14	8	6	....	....	...	...	...	...	...	...	...	...	...	...

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TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																										82
1	...	1	1	...	...	1	1	1	3	4	4	4	8	7	7	9	11	14	13	23	21	13	11	...	3	a)
..	...	...	...	...	...	...	...	1	...	1	2	1	3	...	1	1	3	3	1	5	6	3	5	...	1	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	3	2	...	...	c)
..	...	2	...	3	...	2	...	8	2	5	1	4	2	3	3	4	2	4	1	2	2	...	...	...	...	83
																										84
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	a)
..	1	...	...	...	...	...	...	2	2	1	3	1	1	1	1	...	2	...	...	...	...	...	...	...	...	b)
2	...	2	1	2	1	1	1	...	1	1	1	...	1	...	...	...	...	...	...	1	1	...	...	...	...	85
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	86
																										87
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
..	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	...	...	1	1	2	1	1	1	...	...	c)
1	...	...	1	...	...	...	1	1	1	...	1	1	...	...	...	1	...	...	...	...	1	...	...	...	...	d)
..	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	e)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	88
																										89
..	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
1	1	1	...	1	1	1	...	2	...	1	1	...	2	...	...	...	1	...	...	...	...	...	...	...	...	b)
6	5	10	3	8	4	8	5	16	10	16	14	18	21	15	17	19	21	22	18	38	34	20	19	...	4	
																										90
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91
..	3	2	1	3	...	1	3	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	92
4	6	3	6	10	6	7	12	10	9	7	11	17	10	16	10	21	16	20	21	38	50	18	30	3	4	93
..	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2	1	3	...	...	...	...	a)
..	1	...	...	1	3	8	3	8	3	14	13	14	14	29	18	20	19	34	32	72	66	40	61	3	11	b)
..	1	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	c)
..	...	1	...	1	...	3	...	12	4	9	4	22	12	32	13	28	20	18	9	37	34	5	16	...	2	94
																										95
..	...	1	1	...	1	...	...	1	1	1	2	1	2	3	2	2	2	1	5	3	4	4	3	...	1	a)
1	2	2	1	...	...	2	3	1	3	6	5	7	2	6	7	6	9	6	13	19	24	9	15	1	2	b)
..	...	...	...	...	...	1	...	...	1	4	...	1	...	...	1	...	...	...	...	1	...	...	...	...	...	96
..	...	...	...	...	...	...	1	2	1	...	...	7	5	14	9	26	26	21	24	77	88	55	72	5	16	97
																										98
..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	6	4	2	1	...	...	a)
..	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	b)
..	1	...	1	1	...	...	...	...	...	...	...	2	...	...	1	...	...	1	...	4	1	...	2	...	...	99

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
100	Diseases of the veins: varix, hemorrhoids, phlebitis, etc....	10	5	5	...	...	...	...	...	...	...	...	...	...	1	...
101	Diseases of the lymphatic system (lymphangitis, etc.).....	3	2	1	2	1	...	...	...	...	...	...	...	...	...	...
102	Idiopathic anomalies of blood pressure.....	8	2	6	...	...	...	...	...	...	...	...	...	...	...	...
103	Other diseases of the circulatory system.....	1	1	....	...	...	...	...	...	...	...	...	...	...	...	...
	Total.....	1923	949	974	3	4	1	1	3	1	5	4	7	8	10	10
	VIII.—Diseases of the Respiratory System.															
104	Diseases of the nasal fossae and annexa.....	7	3	4	1	1	...	...	...	...	1	...	...	...	...	...
105	Diseases of the larynx.....	7	4	3	....	1	...	...	2	2	...	...	...	...	...	...
106	Bronchitis:															
	a) acute.....	14	8	6	2	4	...	...	1	...	...	1	...	...	...	...
	b) chronic.....	9	6	3	...	...	...	...	...	...	1	...	...	...	...	...
	c) unstated.....	.....	....	....	...	...	...	...	...	...	...	...	...	...	...	...
107	Broncho-pneumonia, including capillary bronchitis.....	401	217	184	99	65	50	35	31	37	1	2	2	...	1	...
108	Lobar pneumonia.....	207	113	94	3	2	4	2	18	5	4	5	1	2	3	2
109	Pneumonia not specified.....	71	31	40	3	6	5	2	6	6	...	...	2	1	...	...
110	a) Pleurisy.....	7	1	6	...	1	...	...	...	...	...	...	...	...	...	...
	b) Purulent pleurisy.....	31	18	13	1	....	1	1	4	1	3	3	...	1	...	...
111	Congestion, oedema, embolism, hemorrhagic infarct of lung..	28	12	16	....	1	...	1	2	1	...	...	...	...	...	1
112	Asthma.....	15	10	5	....	....	...	...	...	...	...	...	...	...	...	...
113	Pulmonary emphysema.....	1	....	1	....	....	...	...	...	...	...	...	...	...	...	...
114	Other diseases of the respiratory system, except tuberculosis:															
	a) pneumonia, including occupational diseases of the lungs.....	2	1	1	....	....	...	...	...	...	...	...	...	...	...	...
	b) others, including gangrene of the lung.....	12	7	5	....	....	...	...	...	2	...	...	...	1	...	1
	Total.....	812	431	381	109	81	60	41	64	54	10	11	5	5	4	4
	XI.—Diseases of the Digestive System.															
115	Diseases of the buccal cavity and annexa, including pharynx, tonsils and adenoids.....	26	17	9	2	2	3	1	4	2	2	1	1	...	...	...
116	Diseases of the oesophagus.....	2	2	....	....	....	...	...	1	...	...	...	...	...	...	...
117	Ulcer of the stomach or duodenum:															
	a) stomach.....	38	32	6	....	....	...	...	...	...	...	1	...	...	...	...
	b) duodenum.....	16	13	3	....	....	...	...	...	...	...	...	...	...	...	...

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TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
...	...	...	...	...	...	2	1	...	...	...	1	1	...	1	...	...	...	...	1	...	2	...	...	...	...	100
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	101
...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	1	...	1	...	2	...	...	1	...	...	...	102
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	103
5	14	11	11	18	10	25	23	37	23	41	38	72	47	102	62	103	95	102	110	258	276	134	201	12	36	
..	1	...	1	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	104
..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	105
..	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	1	...	...	...	106 a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	1	1	1	...	...	1	1	...	...	...	106 b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	106 c)
..	...	...	1	4	4	2	3	1	2	3	1	...	3	4	1	6	6	2	1	4	14	6	9	1	...	107
2	...	1	3	3	6	7	4	10	5	8	5	6	6	13	9	11	4	3	10	13	17	3	5	...	2	108
..	...	1	2	2	...	1	...	...	1	1	2	...	2	3	...	...	1	2	4	5	10	...	...	...	3	109
..	...	...	...	...	...	...	...	...	2	...	1	...	1	1	...	...	...	...	1	...	...	...	...	...	...	110a
3	...	2	...	1	1	...	2	1	...	1	1	...	...	1	2	...	...	...	...	...	1	...	...	...	...	110 b)
1	1	...	...	...	...	...	...	...	...	1	1	...	1	1	...	3	...	...	2	2	4	2	2	...	1	111
..	...	...	1	...	...	...	1	...	...	1	...	...	...	2	...	1	1	1	...	3	1	1	...	1	1	112
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	113
																										114
..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	114 a)
..	...	...	1	1	...	...	...	2	...	2	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	114 b)
6	2	5	9	11	12	10	10	14	10	17	12	7	13	28	15	25	13	10	18	30	48	14	16	2	7	
..	...	...	...	2	...	...	1	...	1	...	1	1	...	...	...	...	...	1	...	...	...	1	...	...	...	115
..	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	116
																										117
..	1	...	...	1	...	2	...	5	...	4	...	8	...	6	2	...	...	3	1	3	1	...	...	...	...	117 a)
..	...	1	...	...	...	2	...	2	...	1	...	2	1	3	1	1	...	1	1	...	...	...	...	...	...	117 b)

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
118	Other diseases of the stomach (except cancer)	48	28	20	1	2	...	...	2	2	...	...	...	...	...	...
119	Diarrhoea and enteritis (under 2 years):															
	a)	242	135	107	90	67	36	27	9	13	...	...	...	...	...	...
	b)	38	27	11	16	4	7	5	4	2	...	...	...	...	...	...
	c)	51	27	24	20	18	7	4	...	2	...	...	...	...	...	...
120	Diarrhoea, enteritis and intestinal ulceration (2 years and over):															
	a) diarrhoea, enteritis	43	20	23	....	....	...	...	5	4	3	2	1	1	...	...
	b) intestinal ulceration	.....	....	....	....	....	...	...	...	...	...	...	...	...	...	...
121	Appendicitis	120	72	48	....	....	...	1	6	3	9	7	13	7	11	4
122	Hernia, intestinal obstruction:															
	a) hernia	25	12	13	....	....	...	...	...	...	...	...	...	...	...	...
	b) intestinal obstruction	48	25	23	4	1	...	1	2	1	3	1	...	...	...	...
123	Other diseases of the intestine	6	4	2	....	1	...	...	...	...	...	...	...	...	1	...
124	Cirrhosis of the liver:															
	a) alcoholic	5	4	1	....	....	...	...	...	...	...	...	...	...	...	...
	b) not returned as alcoholic	66	37	29	....	....	...	...	...	...	...	...	...	...	...	...
125	Other diseases of the liver (including yellow atrophy)	9	3	6	....	....	...	...	...	...	...	...	...	...	...	...
126	Biliary calculi	30	14	16	....	....	...	...	...	...	...	...	...	...	...	...
127	Other diseases of the gall bladder and its ducts	21	9	12	....	....	...	...	1	...	...	...	...	...	...	...
128	Diseases of the pancreas	6	2	4	....	....	...	...	...	...	...	...	...	...	...	...
129	Peritonitis without stated cause.	5	3	2	....	....	...	...	...	...	1	1	...	...	...	...
	Total	845	486	359	133	95	53	39	34	29	18	13	15	8	12	4
	X.—Diseases of the Genito-Urinary System.															
130	Acute nephritis	33	17	16	....	1	...	...	1	2	1	1	...	...	1	1
131	Chronic nephritis	914	450	464	....	....	...	...	1	1	2	3	4	1	1	2
132	Nephritis not specified	2	1	1	....	....	...	...	...	...	...	...	...	...	...	...
133	Other diseases of the kidneys:															
	a) pyelitis	22	9	13	....	....	...	1	...	...	...	...	...	...	...	...
	b) others	8	3	5	....	....	...	...	...	1	...	...	...	...	...	...
134	Calculi of the urinary passages:															
	a) renal calculi and of the urinary passages	7	4	3	....	....	...	...	...	...	...	...	...	...	...	...
	b) vesical calculi	1	1	....	....	....	...	...	...	...	...	...	...	...	...	...
	c) calculi under other qualifications	.....	....	....	....	....	...	...	...	...	...	...	...	...	...	...
135	Diseases of the bladder except tumors:															
	a) cystitis	2	1	1	....	....	...	...	...	...	...	...	...	...	...	...
	b) others	1	....	1	....	....	...	...	...	...	...	...	...	...	...	...
136	Diseases of the urethra, urinary abcess, etc.:															
	a) stricture of the urethra	3	3	....	....	....	...	...	...	...	...	...	...	...	...	...
	b) others	3	3	....	....	....	...	...	...	...	...	...	...	...	...	...
137	Diseases of the prostate	57	57	....	....	....	...	...	...	...	...	...	...	...	...	...
138	Non-venereal diseases of the male genital organs	4	4	....	2	....	...	...	...	...	...	...	...	...	...	...

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ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No of 1929
I	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
						1	3	2	1	5	...	4	1	3	...	4	2	2	2	4	3	...	4	...	...	118
																										119
																										a)
																										b)
																										c)
																										120
	2	1	2	...	...	...	1	1	1	2	...	1	1	...	1	2	2	2	2	1	...	1	4	...	...	a)
																										b)
6	5	3	8	1	1	4	4	3	1	1	3	4	1	5	2	3	...	1	...	2	...	...	1	...	...	121
							1	1	...	...	1	1	2	2	3	1	...	3	3	3	3	1	...	...	...	122 a)
			1	1	1	...	3	...	1	...	3	2	2	2	1	4	2	...	...	5	4	2	1	...	...	b)
						1	...	...	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	123
										1	...	1	...	1	...	1	1	...	...	...	...	...	...	...	...	124 a)
		1	2	...	2	2	2	3	2	1	2	7	2	4	3	8	4	4	7	6	1	1	2	...	...	b)
			1				1	...	1	...	...	2	...	...	...	...	...	...	...	1	1	...	2	...	...	125
				2	2	1	2	1	2	...	...	1	4	3	3	1	2	2	...	3	1	...	...	...	...	126
		1	...	...	...	1	1	1	2	1	1	...	...	1	2	...	...	1	2	1	3	1	1	...	...	127
			1	...	...	...	1	1	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	128
							1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	129
6	8	7	15	7	6	14	21	20	12	17	11	35	15	30	20	26	13	21	18	30	17	8	15	...	...	
1	...	3	1	1	...	...	...	...	1	3	2	1	...	1	1	...	...	...	1	2	4	2	...	...	1	130
2	2	4	4	4	7	7	15	15	18	14	20	39	28	37	35	49	49	49	62	146	128	67	77	9	12	131
										1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	132
			1	...	1	1	1	2	2	2	1	...	3	2	...	1	2	...	1	1	...	...	...	...	...	133 a)
1										1	1	...	1	1	...	...	1	...	...	...	1	...	...	...	...	b)
																										134
										1	1	...	1	...	...	2	1	1	...	...	...	...	...	...	...	a)
																				1	...	...	...	...	...	b)
																										c)
																										135
																1	...	...	...	...	1	...	...	...	...	a)
					1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
										1	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	136
																1	...	1	...	1	...	...	...	...	...	a)
										1	...	3	...	2	...	4	...	16	...	22	...	8	...	1	...	137
								1	...													1	...			13

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
139	Non-venereal diseases of the female genital organs:															
	a) fallopian tube and parametrium	22	....	22	....	....	....	....	....	....	....	....	....	....	....	....
	b) uterus	7	....	7	....	....	....	....	....	....	....	....	....	1	....	....
	c) mammae	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
	d) others	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	1087	553	534	2	1	...	1	2	4	3	4	4	2	2	5
	XI.—The Puerperal State.															
140	Abortion, with septic conditions	12	....	12	....	....	....	....	....	....	....	....	....	....	....	1
140b	By-self	6	....	6	....	....	....	....	....	....	....	....	....	....	....	....
141	Abortion, without mention of septic conditions, including haemorrhages	4	....	4	....	....	....	....	....	....	....	....	....	....	....	....
141b	By-self	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
142	Ectopic gestation	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
143	Other accidents of gestation (haemorrhages not included)	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
144	Puerperal haemorrhage:															
	a) placenta proevia	4	....	4	....	....	....	....	....	....	....	....	....	....	....	....
	b) other haemorrhages	6	....	6	....	....	....	....	....	....	....	....	....	....	....	....
145	Septicaemia and puerperal sepsis (not returned as result of abortion):															
	a) Puerperal septicaemia and puerperal pyaemia	18	....	18	....	....	....	....	....	....	....	....	....	....	....	2
	b) puerperal tetanus	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
146	Puerperal albuminuria and eclampsia	14	....	14	....	....	....	....	....	....	....	....	....	....	....	....
147	Other forms of toxaemia of pregnancy	6	....	6	....	....	....	....	....	....	....	....	....	....	....	....
148	Phlegmasia alba dolens, embolism or sudden death (not returned as septic):															
	a) phlegmasia alba dolens and thrombosis	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
	b) embolism and sudden death	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
149	Other accidents of pregnancy	12	....	12	....	....	....	....	....	....	....	....	....	....	....	....
150	Other stated diseases or conditions not mentioned (puerperal state)	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	86	....	86	....	....	....	....	....	....	....	....	....	....	....	3
	XII.—Diseases of the Skin and Cellular Tissue.															
	Furunculosis	11	7	4	....	....	1	...	...	1	...	...	1	...	...	...
151	Phlegmon	23	13	10	3	2	...	1	1	...	...	...	...	...	...	...
152	Other diseases of the skin,															
153	annexa, and of the cellular tissue	11	6	5	2	1	3	1	...	1	...	...	...	...	...	...
	Total	45	26	19	5	3	4	2	1	2	...	...	1	...	...	...

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TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
..	2	...	4	...	3	...	2	...	5	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	139
..	1	...	1	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	c)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	d)
4	5	7	11	5	14	8	18	18	27	24	28	43	33	43	38	58	54	68	65	173	134	79	77	10	13	
..	1	...	2	...	4	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	140a
..	2	...	1	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	140b
..	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141a
..	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141b
..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142
..	...	...	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	143
..	...	...	3	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	144
..	3	...	5	...	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
..	5	...	3	...	3	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	145
..	1	...	3	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	146
..	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	147
..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	148
..	...	...	4	...	4	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149
..	12	...	26	...	21	...	17	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150
..	...	1	...	...	...	...	...	...	...	...	1	1	1	2	...	1	...	...	1	...	...	...	...	...	...	151
..	...	...	1	2	...	...	2	1	...	...	...	...	...	2	1	2	...	1	1	1	2	...	...	...	...	152
..	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	153
..	...	1	1	2	1	...	2	1	...	1	1	1	1	4	1	3	...	1	2	1	3	...	...	...	...	

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
	XIII.—Diseases of the bones and Organs of Locomotion.															
154	Osteomyelitis	6	5	1	....	....	....	....	1	....	1	....	1	1	....	..
155	Other diseases of the bones except tuberculosis	6	4	2	....	....	....	....	..	....	....	....	....	....	1	..
156	Diseases of the joints and other organs of locomotion:															
	a) joints, except tuberculosis and rhumatism	1	1	....	1	....	....	....	....	....	....	....	....	....	....	..
	b) other organs of locomotion	1	1	....	....	....	1	....	....	....	....	....	....	....	....	..
	Total	14	11	3	1	....	1	....	1	....	1	....	1	1	1	..
	XIV.—Congenital Malformation.															
157	Congenital malformation (still-born not included):															
	a) congenital hydrocephalus	23	11	12	10	8	1	2	....	1	....	1	....	....	....	..
	b) spina bifida and meningocele	24	15	9	12	9	3	....	....	....	....	....	....	....	....	..
	c) congenital malformations of the heart	70	40	30	34	27	5	....	....	....	1	1	....	....	....	..
	d) monstrosity	7	2	5	2	5	....	....	....	....	....	....	....	....	....	..
	e) others	26	16	10	15	8	1	1	....	1	....	....	....	....	....	..
	Total	150	84	66	73	57	10	3	....	2	....	2	1	....	....	..
	XV.—Diseases of Early Infancy															
158	Congenital debility	65	37	28	37	28	....	....	....	....	....	....	....	....	....	..
159	Premature birth	316	179	137	179	137	....	....	....	....	....	....	....	....	....	..
160	Consequences of birth:															
	a) Caesarean operation stated	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	..
	b) ceasarean operation not stated	66	34	32	34	32	....	....	....	....	....	....	....	....	....	..
161	Other diseases peculiar to early infancy:															
	a) atelectasis	6	4	2	4	2	....	....	....	....	....	....	....	....	....	..
	b) icterus neonatorum	25	13	12	13	12	....	....	....	....	....	....	....	....	....	..
	c) sclerema and others	58	37	21	37	21	....	....	....	....	....	....	....	....	....	..
	Total	536	304	232	304	232	....	....	....	....	....	....	....	....	....	..
	XVI.—Old Age.															
162	Senility:															
	a) with senile dementia	9	4	5	....	....	....	....	....	....	....	....	....	....	....	..
	b) without senile dementia	48	18	30	....	....	....	....	....	....	....	....	....	....	....	..
	Total	57	22	35	....	....	....	....	....	....	....	....	....	....	....	..

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TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	154
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1	...	1	...	...	155
																										156
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	1	1	...	1	...	...	
																										157
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	c)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	d)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	e)
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
																										158
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	159
																										160
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
																										161
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	c)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
																										162
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	2	1	2	1	...	a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	6	7	9	15	2	6	b)
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	2	7	9	10	17	3	6	

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m to 1 yea		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
	XVII.—Violent Deaths and Accidental.															
163	Suicide by solid or liquid poisons and corrosive substances	10	6	4	....	....	....	....	....	....	....	....	....	....	....	....
164	Suicide by poisonous gases	8	7	1	....	....	....	....	....	....	....	....	....	....	....	....
165	Suicide by hanging or strangulation	15	14	1	....	....	....	....	....	....	....	....	....	....	....	....
166	Suicide by drowning	4	3	1	....	....	....	....	....	....	....	....	....	....	....	....
167	Suicide by firearms	11	11	....	....	....	....	....	....	....	....	....	....	....	....	....
168	Suicide by cutting or piercing instruments	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....
169	Suicide by jumping from high places	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
170	Suicide by crushing	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
171	Suicides by other means	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....
172	Infanticide (under one year):															
	a) immediately after birth	5	3	2	3	2	....	....	....	....	....	....	....	....	....	....
	b) others, under one year	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
173	Homicide by firearms (one year and over)	4	1	3	....	....	....	....	....	....	....	....	....	....	1	1
174	Homicide by cutting and piercing instruments (one year and over)	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....
175	Other homicides of persons of one year and over	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	a) Criminal abortion	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	b) Others	4	3	1	....	....	....	....	....	....	....	....	....	....	....	....
176	Poisoning by venomous animals	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
177	Poisoning by food	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
178	Accidental absorption of poisonous gas	9	8	1	....	....	....	....	....	....	....	....	....	....	....	....
179	Other acute accidental poisoning (not by gas)	9	6	3	....	....	2	....	1	1	....	....	....	....	....	....
180	Conflagration	11	8	3	....	....	....	....	1	....	1	....	1	1	....	....
181	Accidental burns (conflagration excepted)	28	20	8	....	....	1	....	12	5	....	....	....	....	....	....
182	Accidental mechanical suffocation	9	7	2	2	2	1	....	2	....	....	....	1	....	....	....
183	Accidental drowning	71	64	7	....	....	....	....	1	....	2	....	4	....	6	1
184	Accidental injury by firearms, except combatants in battle	7	6	1	....	....	....	....	....	....	....	....	....	....	2	....
185	Accidental injury by cutting or piercing instruments, except combatants in battle	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
186	Accidental injury by fall, crushing, land slide	61	34	27	....	....	1	....	2	2	....	2	2	2	1	....
186	1) Accidental injury in mining and quarrying	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	2) Accidental injury by machinery	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	3a) Railway accidents	8	6	2	....	....	....	....	....	....	....	....	....	....	....	1
	3b) Tramway accidents	12	9	3	....	....	....	....	....	....	....	....	....	....	....	....
	3c) Automobile and motorcycle accidents	89	67	22	....	....	....	....	3	1	11	2	3	2	4	1
	3d) Accidents by other means of transportation by land	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....
	3e) Accident by water transportation	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

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TO THE INTERNATIONAL NOMENCLATURE

ages, year 1935 — (Continued).

20 to 24 years		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
...	...	1	1	...	...	...	1	...	...	1	...	2	2	2	...	...	...	...	...	...	...	...	...	...	...	163
...	1	2	...	...	...	...	...	1	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	164
...	...	2	...	3	...	1	...	2	...	2	...	3	...	1	...	...	1	...	...	...	...	...	...	...	...	165
...	...	...	...	...	1	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	166
1	...	2	...	2	...	1	...	...	...	...	...	2	...	1	...	...	...	1	...	1	...	...	...	...	...	167
...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	168
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	169
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	170
...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	171
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	172
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	b)
...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	173
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	174
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	175
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	a,
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	b)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	176
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	177
...	...	1	...	2	...	2	...	...	...	1	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	178
...	...	...	...	...	1	...	...	1	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	179
1	1	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	180
1	...	2	...	...	1	...	...	1	1	2	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	181
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	182
13	2	6	...	1	...	6	1	5	...	2	...	8	...	4	...	1	...	3	2	2	1	...	...	...	...	183
...	1	1	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	184
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	185
...	...	1	...	3	1	4	...	4	3	1	1	2	1	1	...	5	2	3	5	3	7	1	1	...	...	186
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	186 1)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2)
1	...	...	...	...	...	1	...	...	...	1	...	2	...	1	...	...	...	...	...	...	...	1	...	...	...	3a)
...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	1	...	1	...	4	1	...	2	...	...	3b)
4	...	7	1	4	1	2	2	2	1	5	...	8	2	2	1	5	2	3	3	4	3	...	...	...	...	3c)
1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	3d)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3e)

TABLE

CLASSIFICATION OF DEATHS ACCORDING

By causes, sex and

No. of 1929	International Classification	Total	M	F	0 to 5 months		6 m. to 1 year		1 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years	
					M	F	M	F	M	F	M	F	M	F	M	F
	3f) Accidental injury by aerial transportation	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	3g) Accidental injury by elevators	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....
187	Cataclysm	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
188	Injury by animals	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
189	Hunger or thirst	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....
190	Excessive cold	5	4	1	....	....	....	....	....	....	....	....	....	....	....	....
191	Excessive heat	3	1	2	....	....	....	....	....	....	....	1	....	....	....	....
192	Lightning	1	1	....	....	....	....	....	....	....	....	....	....	....	1	....
193	Accidental injury by electric currents (lightning excepted)	5	5	....	....	....	....	....	....	....	....	....	2	....	1	....
194	Other accidents: a) foreign body	4	4	....	....	....	....	....	1	....	....	....	....	....	....	....
	b) others	5	4	1	....	....	....	....	....	....	....	....	....	....	....	....
195	Violent death of unstated nature or unknown cause	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
196	War injuries	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
197	Execution of civilians by belligerent armies	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
198	Execution (sentence of death)	4	3	1	....	....	....	....	....	....	....	....	....	....	....	....
	Total	420	322	98	5	5	5	...	23	9	14	5	13	5	16	4
	XVIII.—Ill-defined Causes of Death.															
199	Sudden death	33	24	9	....	....	....	....	....	....	....	....	....	....	....	....
200	Cause of death unstated or not specified	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	35	26	9	....	....	....	....	....	....	....	....	....	....	....	....
	Total M	.....	4792	....	702	....	214	....	248	....	90	....	64	....	83	....
	Total F	.....	....	4370	....	539	....	147	....	193	....	71	....	59	....	62
	Grand total	.....	9162		1241		361		441		161		123		145	
	Special classification for accidents (included in above table)															
	Elevators	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....
	Other machines	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	Collision: Railroad and automobile	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....
	Collisions: Railroad and other vehicles	.....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Other railroad accidents	8	6	2	....	....	....	....	....	....	....	....	....	....	....	1
	Collisions: Tramways and automobile	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....
	Collisions: Tramways and other vehicles	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	Other tramway accidents	13	10	3	....	....	....	....	....	....	....	....	....	....	....	....
	Collisions: Automobile and automobile	7	5	2	....	....	....	....	....	....	....	....	....	....	1	....
	Collisions: Automobile and other vehicles	6	6	....	....	....	....	....	....	....	....	....	....	....	1	....
	Other automobile accidents	67	48	19	....	....	....	....	3	1	11	2	3	2	2	1
	Motorcycle accidents	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....
		1	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	117	90	27	....	....	....	....	3	1	11	2	3	2	4	2

XV.

O THE INTERNATIONAL NOMENCLATURE

ges, year 1935 — (Continued).

0 to 4 ars		25 to 29 years		30 to 34 years		35 to 39 years		40 to 44 years		45 to 49 years		50 to 54 years		55 to 59 years		60 to 64 years		65 to 69 years		70 to 79 years		80 to 89 years		Over 90 years		No. of 1929
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5		28	2	19	6	22	7	25	6	26	3	32	7	20	2	17	5	12	10	19	13	1	4	...	...	
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133		...	139	...	143	...	186	...	181	...	197	...	218	...	277	...	290	...	354	...	698	...	410	...	73	
30		250		268		331		380		419		523		637		679		710		14 41		720		102		
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METEOROLOGICAL SERVICE OF

Observations made at McGill Observatory, Montreal,

Height above

Month	Thermometer					*Barometer			
	† Mean	(a) Deviation from years means	Maximum	Minimum	Mean daily range	† Mean	Maximum	Minimum	Mean daily range
January	9.15	—4.31	43.7	—16.8	17.56	30.159	30.89	29.35	.414
February	15.87	+0.74	36.6	— 6.4	15.93	30.051	30.80	29.41	.334
March	27.84	+1.86	55.0	3.1	14.23	30.048	30.77	29.41	.360
April	42.94	+1.93	79.2	22.0	14.27	29.933	30.35	29.30	.175
May	52.57	—2.33	80.2	31.3	16.43	29.962	30.38	29.35	.193
June	65.17	+0.58	81.8	50.7	14.87	29.905	30.25	29.46	.169
July	72.37	+3.09	89.1	55.6	16.42	29.948	30.29	29.53	.160
August	69.09	+2.44	88.8	50.5	16.14	29.984	30.30	29.48	.142
September	56.28	—2.46	77.7	41.7	14.26	30.004	30.34	29.40	.193
October	48.27	+1.52	73.1	29.3	14.47	30.129	30.68	29.38	.267
November	37.50	+4.15	64.2	17.3	10.80	30.144	30.64	29.49	.242
December	16.09	—3.35	37.8	— 6.3	8.57	30.029	30.72	29.53	.231
Quantity for 1935	.....	.....	.....	.....	.....	.....	.....	.....	.....
Means for 1935	42.76	+0.32	67.27	22.67	14.50	30.025	.....	.....	0.246
Means for 58 years ending Dec. 31st, 1935	42.44	.....	.....	.....	.....	29.981	.....	.....	0.234

* Barometer readings reduced to sea level and 32° F. † The monthly Thermometer and Barometer means are from bi-hourly reading from self recording instruments. (a) "+" indicates that the temperature has been higher. ‡ Humidity relative, saturation being 100. Means of reading every two hours from recording hygrometer. § For 54 years only. The anemometer and wind vane are exposed at the summit of Mount Royal, 54 feet above the ground and 807 feet above sea level.

The greatest heat was 89.1 (Fah.) above zero, on July 5th, the greatest cold was 16.8 below zero on Jan. 27th. Te extreme range of temperature

ANADA, ABSTRACT FOR YEAR 1935.

an. — Latitude 45° 30′ N. — Longitude 74° 35′ W.
a level 187′.

† Mean relative humidity	Wind		Per cent possible sunshine	Precipitation						
	Resultant direction	Mean velocity M. P. H.		Inches rain	No. of days on which rain or sleet fell	Inches snow	Inches of rain and melted snow	No. of days on which snow fell	No. of days on which rain and snow fell	No. of days on which rain or snow fell
79.2	..	.....	40.1	2.26	6	30.4	5.31	14	.....	20
77.1	.....	.....	34.7	0.89	2	13.4	2.29	14	1	15
75.0	.....	.....	43.4	0.92	8	7.4	1.78	10	4	14
66.7	.....	.....	37.4	3.29	12	0.8	3.88	4	4	12
65.9	.....	.....	47.9	2.23	12	0.0	2.23	.....	.....	12
70.3	.....	.....	40.3	5.09	16	.....	5.09	.....	.....	16
77.6	.....	.....	61.6	5.58	13	.....	5.58	.....	.....	13
76.2	.....	.....	66.0	4.00	11	.....	4.00	.....	.....	11
77.8	.....	.....	40.5	5.46	14	.....	5.46	.....	.....	14
79.2	.....	.....	41.3	2.22	10	Traces	2.22	.....	.....	10
82.2	.....	.....	23.6	2.62	12	1.8	2.80	2	0	14
79.0	.....	.....	24.2	0.26	3	13.6	1.81	12	2	13
....	.....	.....	.....	34.82	119	67.4	42.45	56	11	164
75.5	.....	.....	41.75	.....	.....	.....	.....	.....	.....	.....
74.1	.....	.....	43.67	29.57	108	114.2	41.39	77	16	172

as therefore 105.9 degrees. The greatest range in one day was 34.4 on ar. 17th, the least range was 2.6 on Nov. 14. The warmest day was July h when teh mean temperature was 80.5 above zero. The coldest day as Jan. 27, when the mean temperature was 12.3 below zero. Hail on 0 ys. Fog on 5 days. Thunderstorms on 18 days. Auroras observed nihts. rst freezing weather on Oct. 16. The greatest rainfall in one day was 87 inches on Juy 23; in 2 hours 20 min.. The heaviest snowfall was on n. 17, wehn 8.1 inces fell in 13 hours. — Note : Yearly means are averages Monthly means.

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