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DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS  
DEMOGRAPHY BRANCH

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PRELIMINARY MONTHLY REPORT

VITAL STATISTICS

JUNE 1927

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Minister of Trade and Commerce

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OTTAWA

1927

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Identified the remains and all bone fragments collected by Dr. S. G. Smith, physician, and Dr. W. H. Thompson, surgeon, at the scene of the accident.

## DOMINION BUREAU OF STATISTICS

## DEMOGRAPHY BRANCH

Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F. R. S. C.  
Chief, Demography Branch: E. S. Macphail

This bulletin gives a preliminary report on Births, Deaths and Marriages for the month of June, 1927, for the nine provinces of Canada. Monthly reports for years previous to 1926 covered only what was termed the Registration Area of Canada which did not include the province of Quebec.

Since January, first 1926, Quebec province has joined in the scheme of national vital statistics so that since that time the Monthly Reports of the Bureau of Statistics cover all the provinces while the Annual Reports include the Yukon and Northwest Territories.

In comparing the figures for June, 1927 with those of the same month for previous years, it should be remembered that for previous years the reports represent final figures while those for 1927 are provisional. Attention is further directed to the fact that for 1926 and 1927 the figures for Quebec are included in all tables. To obtain a comparison for the Registration Area as constituted previous to 1926, the figures for Quebec should be deducted.

BIRTHS.

The total number of living births reported for the nine provinces of Canada in June, 1927 was 19,604 as against 19,464 for June of last year. Four of the provinces, however, New Brunswick, Quebec, Manitoba and Saskatchewan showed increases though the change in Manitoba was very slight.

There were altogether 19,946 confinements. Single confinements numbered 19,712 resulting in 19,159 children born alive and 553 children born dead. Twin births numbered 230, in 209 cases both infants were born alive while in 15 cases one only was born alive and in 6 cases both were born dead. There were four sets of triplets in which all the children were born alive.

Stillbirths reported in June were distributed as follows: Prince Edward Island 2; Nova Scotia 24; New Brunswick 20; Quebec 173; Ontario 227; Manitoba 45; Saskatchewan 33; Alberta 33; British Columbia 23; making a total of 580. Stillbirths are not counted either as births or as deaths.

MORTALITY

**MATERNAL MORTALITY** - The number of maternal deaths in each province is given by certain age groups in Table 4. The maternal mortality rate computed on the basis of 1,000 living births was 5.5 for June, 1927. The rates for the same month in the preceding years were as follows: 1926, 5.1; 1925, 5.7; 1924, 6.4; 1923, 5.5; 1922, 4.8; and 1921, 4.6. As already indicated the province of Quebec is included in this rate for 1926 and 1927 only.

**INFANT MORTALITY** - In Table 5 mortality of children under one year of age is given for the principal causes of death. Of the total number of infant deaths reported for June 84 per cent were attributable to the causes of death listed in the table. The mortality among male children under one year of age was 83.8 per 1,000 males born alive, while mortality among females was 70.2 per 1,000 females born alive.

**GENERAL MORTALITY** - Table 6 gives deaths among the population generally from certain specified causes, by provinces, while Table 7 gives similar information for cities of 30,000 population and over.

MARRIAGES

The number of marriages reported is shown by totals and percentages in Table 8.

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Table 1. Living births by provinces in June, 1921-27.

Year	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia.
1921	13,960	179	1,010	986	-	6,190	1,551	1,738	1,426	880
1922	13,798	192	1,024	925	-	6,128	1,457	1,871	1,358	843
1923	13,303	173	989	964	-	6,030	1,295	1,695	1,268	889
1924	13,344	190	989	929	-	6,286	1,259	1,738	1,199	754
1925	13,087	148	945	985	-	6,018	1,287	1,599	1,267	838
1926 (1)	19,464	140	920	892	6,873	5,788	1,179	1,673	1,171	828
1927 (1)	19,604	125	875	940	7,240	5,652	1,184	1,729	1,112	747
Equivalent annual birth rate per 1,000 population										
1921	26.5	24.6	23.5	31.6	-	25.7	30.9	27.9	25.5	20.4
1922	25.8	26.5	23.6	28.7	-	25.0	28.8	29.5	27.9	19.0
1923	24.6	23.9	22.6	29.7	-	24.2	25.4	26.3	25.9	19.5
1924	24.4	26.3	22.6	28.4	-	25.0	24.5	26.6	24.4	16.6
1925	25.6	20.7	21.4	29.7	-	23.6	24.7	24.0	25.6	18.2
1926 (1)	25.3	19.6	20.7	26.7	32.6	22.4	22.4	24.8	23.4	17.7
1927 (1)	25.1	(2)	19.6	27.8	33.8	21.6	22.3	25.2	21.9	15.8

(1) Figures for Quebec included for 1926 and 1927.

(2) The figures for Prince Edward Island are regarded as too incomplete to justify computation of a rate.

Table 2. Living births classified according to sex and whether single or plural, June, 1927.

Province	Total	Male	Female	Single Births	Pairs of Twins	No Triplets
P. E. Island	125	65	60	119	3	-
Nova Scotia	875	448	427	868	2	1
New Brunswick	940	495	445	916	12	-
Quebec	7,240	3,717	3,523	7,076	79	2
Ontario	5,652	2,965	2,687	5,538	57	-
Manitoba	1,184	595	589	1,159	11	1
Saskatchewan	1,729	849	880	1,679	25	-
Alberta	1,112	598	514	1,090	11	-
British Columbia	747	391	356	729	9	-
Total	19,604	10,123	9,481	19,174	209	4

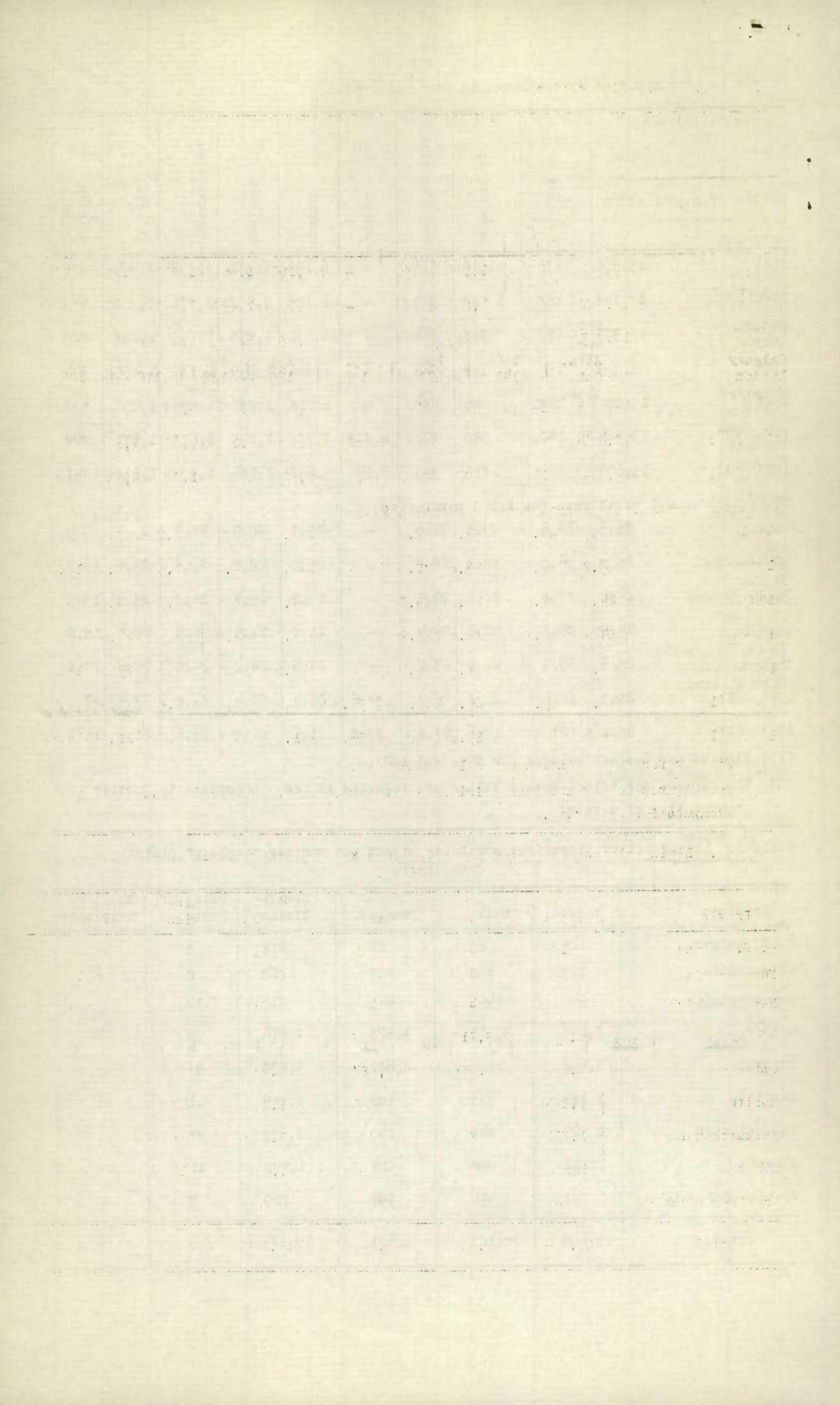


Table 3. Births in cities of 20,000 and over, June 1921-1927.

Cities of 20,000 and over		1921	1922	1923	1924	1925	1926	1927
Montreal	Que.	-	-	-	-	-	1,587	1,582
Toronto	Ont.	1,159	1,134	1,102	1,132	1,003	968	893
Winnipeg	Man.	578	524	451	381	415	405	396
Vancouver	B.C.	276	252	278	273	253	261	233
Hamilton	Ont.	297	241	259	287	276	242	268
Ottawa	Ont.	252	287	265	282	250	222	245
Quebec	Que.	-	-	-	-	-	344	407
Calgary	Alta.	160	164	151	153	150	127	152
London	Ont.	141	127	135	125	122	112	105
Edmonton	Alta.	207	188	163	150	172	158	127
Halifax	N.S.	146	132	133	116	122	109	124
St. John	N.B.	115	96	124	99	130	93	106
Victoria	B.C.	73	72	73	53	57	52	71
Windsor	Ont.	128	96	128	168	176	176	138
Regina	Sask.	108	94	92	95	70	83	105
Brantford	Ont.	70	73	68	54	44	59	53
Saskatoon	Sask.	83	86	60	69	72	72	87
Verdun	Que.	-	-	-	-	-	9 <sup>1</sup>	83
Hull	Que.	-	-	-	-	-	71	73
Sherbrooke	Que.	-	-	-	-	-	60	66
Sydney	N.S.	32	39	48	50	41	44	39
Three Rivers	Que.	-	-	-	-	-	113	106
Kitchener	Ont.	58	45	44	58	43	65	59
Kingston	Ont.	49	39	54	53	49	42	38
Sault Ste. Marie	Ont.	58	57	38	71	52	40	37
Peterborough	Ont.	41	44	40	48	42	50	52
Fort William	Ont.	51	59	66	57	59	59	44

Table 4. Maternal Mortality, June, 1927, by age groups.

Age groups	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Under 15	9	-	-	-	-	-	-	-	-	-
15 - 19	9	-	1	-	4	3	-	-	-	1
20 - 24	12	-	-	-	4	3	1	1	2	1
25 - 29	27	-	1	3	8	8	3	1	2	1
30 - 39	53	-	2	5	20	12	5	3	3	3
40 - 49	7	-	1	2	3	1	-	-	-	-
50 and over	-	-	-	-	-	-	-	-	-	-
Total	108	-	5	10	39	27	9	5	7	6

DIMINISHES

Table 5. Mortality of children under one year of age for certain principal causes of death by sex in each province, June, 1927.

Causes of death	Total	M.	F.	P.E.	Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
7. Measles		111	2	-	-	-	2	9	-	-	-	-	-
9. Whooping cough		25	30	-	-	1	1	16	32	-	-	2	1
1-6,8,10,12-30,39-42, other epidemic, endemic and infec- tious diseases (1)		18	11	-	-	-	1	7	4	2	1	1	2
11. Influenza		7	8	-	-	1	2	3	3	1	1	1	1
31-37. Tuberculosis		10	12	-	-	1	2	3	3	1	1	1	1
38. Syphilis		5	6	-	-	1	1	4	1	1	1	1	1
71A. Meningitis (simple)		16	7	1	-	-	-	7	2	1	1	1	-
80. Convulsions		17	11	-	-	-	-	6	3	1	1	1	1
99. Bronchitis		6	5	-	-	-	-	4	1	1	1	1	-
100,101 Pneumonia		64	47	-	-	4	3	27	16	4	5	3	5
113. Diarrhoea and enteritis		122	105	-	-	2	1	95	11	4	2	5	2
118. Hernia, Intestinal obstruction		5	2	-	-	-	-	2	2	-	1	-	-
159. Congenital Malformations		53	46	-	-	3	2	14	18	3	7	2	2
160. Congenital debility		103	86	-	1	9	3	69	15	2	3	3	2
161. Premature birth, injury at birth		247	133	-	12	6	7	94	90	4	22	11	7
Other specified causes		137	98	-	-	13	10	68	27	6	9	9	5
204,205, Unspecified or ill-defined causes		1	7	-	-	-	2	-	1	-	-	1	-
Total males		848	1	35	38	428	197	27	50	34	28		
Total females		666	2	31	30	340	146	31	35	34	17		
Total both sexes		1514	3	66	68	768	343	58	95	68	45		
Rate per 1,000 living births	(1921)	66.2	50.3	87.1	73.0	-	62.5	69.6	74.3	56.8	55.7		
	(1922)	67.4	46.9	58.6	86.5	-	67.2	74.8	57.7	76.6	56.9		
	(1923)	69.1	63.6	78.9	101.7	-	66.0	47.1	68.4	86.0	54.0		
	(1924)	72.1	42.1	81.9	61.4	-	71.3	85.8	67.9	81.7	53.4		
	(1925)	66.9	57.6	61.4	94.4	-	65.5	60.6	65.7	70.2	58.5		
	(1926 (2))	89.5	42.9	75.0	94.2	123.8	71.0	58.5	59.2	85.4	65.2		
	(1927 (2))	77.2	(3)	75.4	72.3	106.1	60.7	49.0	54.9	61.2	60.2		

(1) Comprises typhoid, smallpox, scarlet fever, diphtheria, mumps, dysentery, erysipelas, acute anterior poliomyelitis, meningococcus meningitis, chicken-pox, German measles, gonococcus infection and purulent infection.

(2) Figures for Quebec included for 1926 and 1927.

(3) See footnote (2) Table 1.

... 1901-1902 1902-1903 1903-1904 1904-1905 1905-1906 1906-1907 1907-1908

1908-1909 1909-1910 1910-1911 1911-1912 1912-1913 1913-1914 1914-1915

Table 6. Deaths from certain specified causes by provinces, June, 1927.

Causes of death	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1. Typhoid fever	155	-	1	1	140	6	3	3	-	1
7. Measles	60	-	7	4	34	11	2	4	2	2
8. Scarlet fever	41	-	4	5	16	9	1	2	2	1
9. Whooping cough	73	-	2	4	45	13	1	2	1	1
10. Diphtheria	80	-	1	5	38	24	7	4	4	4
11. Influenza	151	1	15	5	59	47	8	6	4	6
31. Tuberculosis, respiratory system	550	9	53	29	218	125	25	37	21	33
32-37. Tuberculosis, other organs	135	1	6	4	57	34	5	11	11	6
43-49 Cancer	625	3	36	22	154	264	44	29	38	35
57. Diabetes mellitus	88	-	8	4	38	31	6	6	6	3
58. Anaemia chlorosis	84	1	3	3	19	43	1	5	3	6
71. Meningitis	76	3	2	4	43	18	2	1	1	2
74. Cerebral haemorrhage, apoplexy	244	5	24	11	52	109	12	12	5	14
75.-76. Paralysis	111	-	4	11	53	34	4	2	2	1
80. Infantile convulsions (under 5 years of age)	39	-	7	3	14	4	1	7	3	2
87-90. Diseases of the heart	934	10	60	46	254	111	42	38	32	41
91. Diseases of the arteries	434	2	19	13	87	252	21	7	11	22
99. Bronchitis	45	-	2	4	21	11	-	1	5	-
100-101. Pneumonia	491	8	40	26	191	147	18	28	14	19
113-114. Diarrhoea and enteritis	300	-	6	4	232	24	9	8	14	3
117. Appendicitis	88	-	2	6	20	35	3	8	8	6
118. Hernia, intestinal obstruction	79	-	9	4	16	32	3	8	4	3
128-129. Nephritis	424	6	30	14	166	125	16	22	15	30
135. Diseases of the prostate	49	-	3	4	13	22	3	5	1	3
143-150. Puerperal causes	108	-	5	10	39	27	9	5	7	6
159. Congenital malformations	107	-	6	6	27	40	8	9	9	2
160-163. Diseases of early infancy	742	1	37	40	339	196	25	52	30	22
164. Senility (old age)	192	3	29	23	58	57	5	5	5	7
165-174. Suicides	58	-	2	-	6	25	5	5	7	8
188A. Railroad accidents	40	-	4	-	7	23	1	4	-	1
188B. Street car accidents	7	-	1	-	1	3	1	1	1	-
188C. Automobile accidents	93	-	3	4	32	41	2	3	1	7
188D-E-F. Other traffic accidents	26	-	-	-	4	8	1	5	1	7
175-203. Violent deaths (suicides and traffic accidents excepted)	371	2	18	16	100	138	14	29	25	29
All other causes	1,199	7	61	49	449	396	56	55	64	62
Total	8,299	62	510	384	3,032	2,785	363	419	351	393
(1921)	9.1	9.9	11.1	11.7	-	9.9	8.0	6.6	8.0	7.0
(1922)	9.4	12.7	10.5	10.9	-	10.2	8.7	6.9	7.5	8.3
Equivalent annual death rate per 1,000 population	(1923)	9.4	11.3	12.0	11.7	-	10.4	7.0	6.5	7.5
(1924)	9.6	8.2	11.1	12.0	-	10.9	8.1	6.3	7.7	8.3
(1925)	9.2	9.2	10.4	11.8	-	10.2	8.1	6.0	7.2	8.5
(1926 (1))	10.9	8.0	11.3	11.5	13.8	11.0	7.8	6.9	7.4	9.1
(1927 (1))	10.6	8.7	11.4	11.4	14.2	10.6	6.8	6.1	6.9	8.3

(1) Figures for Quebec included for 1926 and 1927.



Table 7. Deaths by certain specified causes in cities of 30,000 and over, June, 1927.

Causes of death	Montreal	Toronto	Winnipeg	Vancouver	Hamilton	Ottawa	Quebec	Calgary	London	Edmonton	Halifax	St. John	Victoria	Windsor	Regina
1. Typhoid fever	112	-	-	1	-	-	1	-	-	-	-	-	-	-	-
7. Measles	5	2	-	1	1	-	-	-	-	-	-	-	-	-	-
8. Scarlet fever	2	1	-	1	-	-	2	-	-	-	1	1	-	-	-
9. Whooping cough	11	2	1	-	-	2	2	-	-	-	1	1	-	-	-
10. Diphtheria	21	8	4	-	-	1	1	-	3	5	5	-	-	1	1
11. Influenza	6	6	1	3	2	-	10	1	6	-	2	-	1	-	1
31. Tuberculosis, respiratory system	63	10	4	5	3	6	14	3	5	5	9	3	3	-	2
32-37. Tuberculosis, other organs	14	11	1	4	-	1	7	1	1	3	1	-	1	1	-
43-49. Cancer	59	60	17	14	20	8	7	2	8	14	6	2	1	1	3
57. Diabetes mellitus	10	6	1	2	3	1	2	2	-	-	2	1	-	3	1
58. Anaemia, chlorosis	5	5	-	3	-	2	1	2	3	-	1	-	1	1	-
71. Meningitis	7	3	-	1	2	-	2	-	1	-	4	2	2	1	1
74. Cerebral haemorrhage, apoplexy	14	14	2	4	7	6	4	-	-	1	1	-	2	1	2
75-76. Paralysis	13	3	-	-	-	1	-	1	1	-	-	3	-	-	-
80. Infantile convulsions (under 5 years of age)	2	-	-	-	-	-	2	-	-	1	-	1	-	-	-
87-90. Diseases of the heart	87	68	22	9	22	10	12	5	19	3	13	5	5	2	1
91. Diseases of the arteries	42	60	10	7	8	7	3	2	8	3	3	4	5	-	-
99. Bronchitis	4	-	-	-	-	1	2	-	-	1	-	1	-	-	-
100-101. Pneumonia	46	33	7	7	10	4	17	2	4	2	6	5	-	3	-
113-114. Diarrhoea and enteritis	89	2	1	1	-	-	18	1	-	1	-	2	-	1	-
117. Appendicitis	5	5	2	4	2	3	2	2	1	1	-	1	-	2	1
118. Hernia, intestinal obstruction	8	3	2	1	2	3	3	-	3	2	2	2	-	1	1
128-129. Nephritis	77	19	2	12	4	5	11	2	7	3	4	2	2	2	3
135. Diseases of the prostate	2	4	1	2	1	3	2	-	1	1	2	-	-	-	-
143-150. Puerperal causes	18	6	6	2	5	2	2	-	-	1	2	1	-	1	-
159. Congenital malformations	9	11	5	1	2	1	-	2	2	1	1	1	-	2	-
160-163. Diseases of early infancy	70	27	9	2	5	10	14	4	9	3	5	3	2	6	-
164. Senility (old age)	6	2	-	1	-	1	1	-	2	-	1	5	1	-	-
165-174. Suicides	2	9	-	2	-	2	1	-	1	2	-	1	-	-	-
188A. Railroad accidents	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-
188B. Street car accidents	-	1	1	-	-	1	-	1	-	-	1	-	-	1	-
188C. Automobile accidents	17	7	2	2	2	-	1	1	-	-	-	3	1	2	1
188D-E-F. Other traffic accidents	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-
175-203. Violent deaths (suicides and traffic accidents excepted)	21	20	5	8	4	2	6	-	2	1	-	2	-	-	1
All other causes	138	80	18	22	20	20	35	10	11	16	13	13	8	10	4
Total	987	488	126	122	125	101	185	45	98	63	80	62	28	48	25

Table 8. Marriages reported in June, 1921-27.

Number and rate	Total	P.E.I	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Total marriages -										
1921	6,875	56	379	465	-	3,738	671	556	528	482
1922	6,002	64	351	331	-	3,385	509	464	439	459
1923	6,170	48	402	351	-	3,606	490	422	362	489
1924	6,095	46	373	386	-	3,466	458	439	437	490
1925	5,721	35	337	368	-	3,127	466	437	462	489
1926 (1)	8,780	43	337	363	2,553	3,466	540	499	453	526
1927 (1)	9,397	50	365	347	2,737	3,792	513	546	491	556
Equivalent annual rate per 1,000 population										
1921	13.1	7.7	8.8	14.9	-	15.5	13.4	8.9	10.9	11.2
1922	11.2	8.8	8.1	10.3	-	13.8	10.1	7.3	9.0	10.4
1923	11.4	6.6	9.2	10.8	-	14.5	9.6	6.6	7.4	10.7
1924	11.2	6.4	8.5	11.8	-	13.8	8.9	6.7	8.9	10.8
1925	10.3	4.9	7.6	11.1	-	12.3	9.0	6.6	9.3	10.6
1926 (1)	11.4	6.0	7.6	10.9	12.1	13.4	10.3	7.4	9.1	11.3
1927 (1)	12.0	7.0	8.2	10.3	12.8	14.5	9.6	7.9	9.7	11.8

(1) Figures for Quebec included for 1926 and 1927.

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