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VITAL STATISTICS

SEPTEMBER 1927

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DEMOGRAPHY BRANCH

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This bulletin gives a preliminary report on Births, Deaths and Marriages for the month of September, 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 September, 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 births reported for the nine provinces of Canada in September, 1927 was 18,774 as against 19,145 for September of last year. The provinces of New Brunswick and Alberta showed an increase while the other provinces showed a decrease.

There were altogether 19,075 confinements. Single confinements numbered 18,818 resulting in 18,280 children born alive and 538 children born dead. Twin births numbered 253, in 233 cases both infants were born alive while in 16 cases one only was born alive and in 4 cases both were born dead. There were four sets of triplets in which all the children were born alive.

Stillbirths reported in September were distributed as follows: Prince Edward Island 4; Nova Scotia 34; New Brunswick 27; Quebec 159; Ontario 206; Manitoba 35; Saskatchewan 32; Alberta 36; British Columbia 29; making a total of 562. 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 4.1 for September, 1927. The rates for the same month in the preceding years were as follows: 1926, 5.6; 1925, 4.8; 1924, 5.0; 1923, 3.1; 1922, 4.1; and 1921, 4.3. 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 September, 88 per cent were attributable to the causes of death listed in the table. The mortality among male children under one year of age was 128.7 per 1,000 males born alive, while mortality among females was 106.2 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.

the first time in the history of the world, the
whole of the human race has been gathered
together in one place, and that is the
present meeting of the General Assembly.
The first thing that I would like to say is
that it is a great privilege and a great
responsibility to be here. We are here
not only as individuals, but as
representatives of our countries, and
we must therefore remember that
what we do here will affect not only
ourselves, but all the people in our
countries. We must therefore be
very careful in our actions, and
try to do what is best for all the
people in the world. We must
also remember that we are here
to work together, and to
find ways to improve the
lives of all the people in the
world. We must therefore
be open to suggestions, and
be willing to work together
to find solutions to the
problems that we face.
We must also remember that
we are here to represent our
countries, and to speak up for
the rights of our people. We
must therefore be
willing to stand up for
what is right, even if it
means going against
the wishes of some
of our fellow citizens.
We must also remember
that we are here to
work towards a better
future for all the people
in the world. We must
therefore be
willing to work
towards
a better
future
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world.

Table 1. Living births by provinces in September 1921-27.

-2-

Year	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1921	14,278	191	1,198	943	-	6,185	1,574	1,917	1,365	905
1922	13,622	143	1,102	962	-	5,973	1,466	1,832	1,263	881
1923	13,196	181	1,004	873	-	5,941	1,390	1,790	1,174	843
1924	12,999	145	966	861	-	5,931	1,263	1,836	1,230	767
1925	12,631	137	988	820	-	5,645	1,221	1,748	1,204	868
1926 (1)	19,145	140	947	797	6,735	5,611	1,266	1,704	1,127	818
1927 (1)	18,774 (2)	116	912	895	6,715	5,444	1,173	1,640	1,152	727
Equivalent annual birth rate per 1,000 population										
1921	27.1	26.2	27.8	30.2	-	25.7	31.4	30.8	28.2	21.0
1922	25.5	19.8	25.4	29.9	-	24.4	29.0	28.9	26.0	19.9
1923	24.4	25.0	22.9	26.9	-	23.9	27.2	27.8	24.0	18.5
1924	23.8	20.1	22.1	26.3	-	23.6	24.6	28.1	25.1	16.9
1925	22.8	19.2	22.4	24.8	-	22.1	23.5	26.3	24.3	18.8
1926 (1)	24.8	19.6	21.3	23.8	32.0	21.7	24.1	25.3	22.6	17.5
1927 (1)	24.0 (2)	20.4	26.5	31.4	20.8	22.1	23.9	22.7	22.7	15.4

(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, September, 1927.

Province	Total	Male	Female	Single Births	Pairs of Twins	No. Triplets
P.E. Island	116	58	58	112	2	-
Nova Scotia	912	474	438	886	13	-
New Brunswick	895	454	441	874	9	1
Quebec	6,715	3,530	3,185	6,526	93	1
Ontario	5,444	2,778	2,666	5,320	59	2
Manitoba	1,173	627	546	1,133	20	-
Saskatchewan	1,640	812	828	1,608	16	-
Alberta	1,152	621	531	1,130	11	-
British Columbia	727	368	359	707	10	-
Total	18,774	9,722	9,052	18,296	233	4

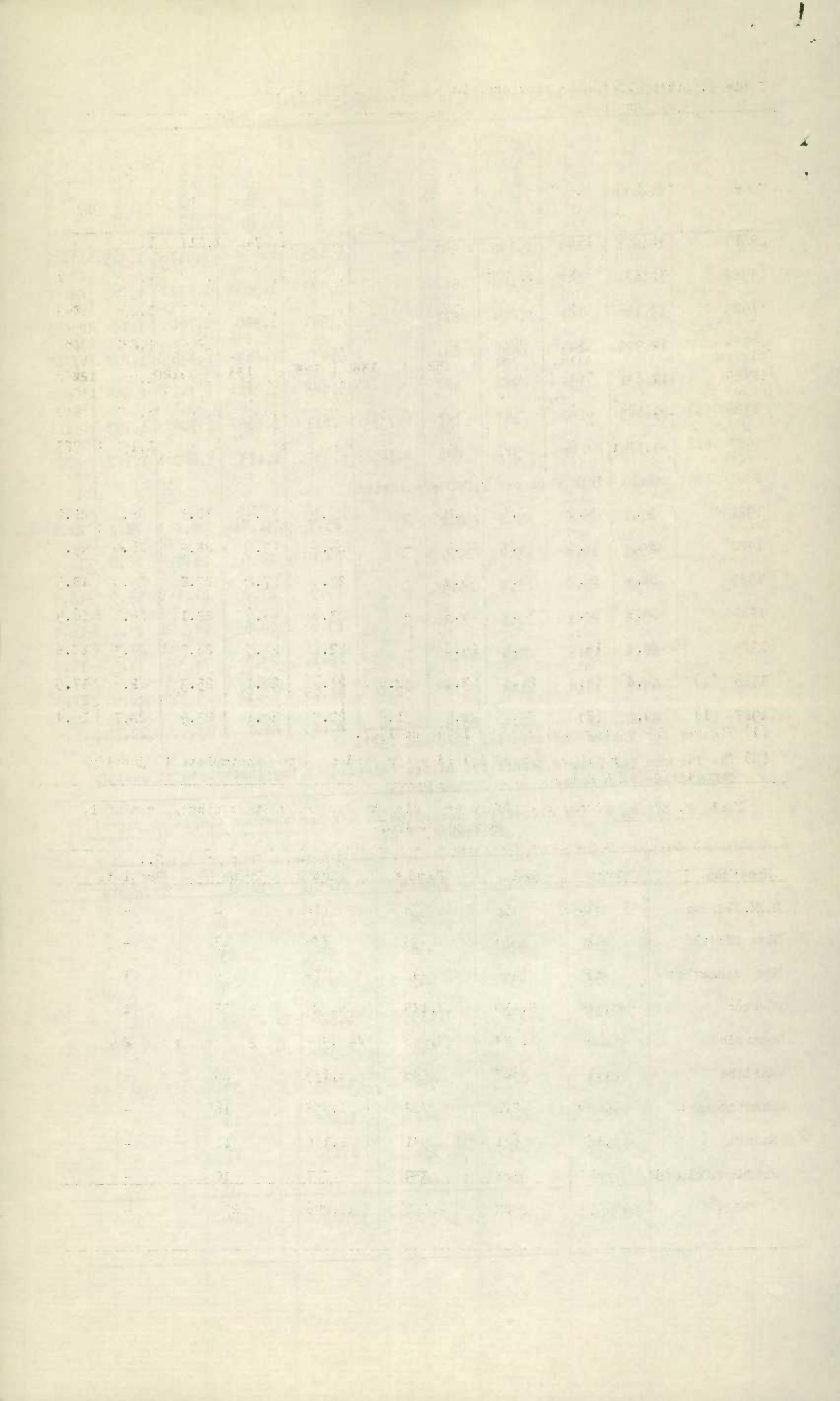


Table 3. Births in cities of 20,000 and over, September 1921-1927.

Cities of 20,000 and over		1921	1922	1923	1924	1925	1926	1927
Montreal	Que.	-	-	-	-	-	1,561	1,447
Toronto	Ont.	1,085	998	1,032	985	990	936	906
Winnipeg	Man.	512	501	433	396	374	374	329
Vancouver	B.C.	290	229	244	233	271	284	210
Hamilton	Ont.	303	245	267	269	201	255	229
Ottawa	Ont.	268	246	250	258	246	234	230
Quebec	Que.	-	-	-	-	-	351	367
Calgary	Alta.	181	152	138	128	133	120	122
London	Ont.	98	118	108	124	111	97	110
Edmonton	Alta.	160	194	150	153	143	154	170
Halifax	N.S.	146	147	120	116	140	147	109
St. John	N.B.	102	97	114	99	89	84	100
Victoria	B.C.	83	69	70	63	68	61	46
Windsor	Ont.	119	117	121	157	187	172	158
Regina	Sask.	117	97	95	96	95	88	101
Brantford	Ont.	72	66	66	49	60	45	63
Saskatoon	Sask.	77	62	70	62	81	68	72
Verdun	Que.	-	-	-	-	-	72	82
Hull	Que.	-	-	-	-	-	72	87
Sherbrooke	Que.	-	-	-	-	-	59	60
Sydney	N.S.	28	48	52	37	43	31	44
Three Rivers	Que.	-	-	-	-	-	99	105
Kitchener	Ont.	52	36	50	42	53	58	44
Kingston	Ont.	41	50	54	51	43	43	58
Sault Ste. Marie	Ont.	48	50	52	57	64	40	43
Peterborough	Ont.	56	54	58	49	43	49	54
Fort William	Ont.	62	58	65	65	51	56	52

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

Age groups	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Under 15	2	-	-	-	-	-	-	-	-	-
15 - 19	4	-	1	-	1	-	-	-	1	1
20 - 24	16	-	3	-	5	4	-	2	2	-
25 - 29	19	-	2	1	5	6	3	-	2	-
30 - 39	26	-	2	1	9	11	1	-	1	1
40 - 49	12	-	2	2	4	1	-	-	1	2
50 and over	-	-	-	-	-	-	-	-	-	-
Total	77	-	10	4	24	22	4	2	7	4

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

Causes of Death	Total		P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
7. Measles	M 4 F 3	- - -	- -	1	1	2	1	- - -	- - -	- - -	- - -
9. Whooping cough	M 30 F 24	- - -	2	1	2	14 12	6 5	- - -	1 1	1 1	5 1
1-6,8,10,12-30,39-42, other epidemic, en- demic and infectious diseases.(1)	M 16 F 10	- - -	- -	- -	10	9 5	2 2	1 1	1 1	1 1	- - -
11. Influenza	M 2 F 2	- - -	- -	1	- -	1 2	2 2	1 1	1 1	1 1	- - -
31-37. Tuberculosis	M 5 F 6	- - -	- -	1	- -	3 4	5 5	- - -	- - -	- - -	- - -
38. Syphilis	M 6 F 4	- - -	- -	- -	- -	2	1 1	- - -	1 1	- - -	- - -
71A. Meningitis(simple)	M 20 F 16	- - -	- -	1	3	15 13	2 1	- - -	- - -	- - -	- - -
80. Convulsions	M 14 F 10	- - -	- -	- -	- -	7 4	3 2	3 2	3 3	1 1	- - -
99. Bronchitis	M 2 F 1	- - -	- -	- -	- -	2 1	- -	- -	- -	- -	- - -
100, 101 Pneumonia	M 43 F 48	- - -	7	2	6	16 20	9 7	3 7	4 3	1 2	1 1
113. Diarrhoea and enteritis	M 529 F 414	- -	26	29	362	74	15	12	8	6	3
118. Hernia, Intestinal obstruction	M 7 F 2	- -	-	1	2	3	-	-	-	-	1
159. Congenital Malformations	M 45 F 52	- -	2	1	12 14	19 18	1	5	4	1	1
160. Congenital debility	M 111 F 88	- -	9	3	59 48	23 15	6	8	1	2	1
161. Premature birth, injury at birth	M 242 F 165	- -	8	9	86 56	84 63	19 7	14 11	17 10	5 3	5 4
Other specified causes	M 160 F 113	- -	11	4	93 50	29 25	1 6	13 6	5 9	5 9	4 2
204-205. Unspecified or ill-defined causes	M 15 F 3	- -	6	3	2	-	1	2	-	-	1
Total males	1,251	1	61	66	692	259	46	62	41	23	
Total females	961	4	60	48	504	206	38	58	34	9	
Total both sexes	2,212	5	121	114	1,195	465	84	120	75	72	

(1921	108.7	62.8	112.7	214.2	-	125.5	87.0	67.8	85.7	47.5	
Rate per 1,000	(1922	100.2	90.9	85.3	179.8	-	90.2	126.9	109.2	80.0	67.0
living births	(1923	82.3	38.7	80.7	120.3	-	69.7	84.9	103.9	103.1	64.1
(1924	82.6	55.2	128.4	181.2	-	72.5	68.1	76.3	73.2	52.2	
(1925	103.2	51.1	64.8	151.2	-	117.6	117.1	93.8	74.8	55.3	
(1926 (2)	118.3	50.0	76.0	139.3	183.4	79.7	70.3	94.5	85.2	57.5	
(1927 (2)	117.8	-	132.7	127.4	178.1	85.4	71.6	73.2	65.1	44.0	

(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.

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

Causes of death	Total	P.E.I.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	
1. Typhoid fever	54		1	5	27	6	4	4	6	1	
7. Measles	13	1	1	1	7	-	1	1	1	-	
8. Scarlet fever	33	1	-	4	15	-	1	3	3	-	
9. Whooping cough	91	8	4	4	45	16	2	4	9	1	
10. Diphtheria	76	-	-	2	28	32	7	5	2	5	
11. Influenza	71	1	9	4	23	22	3	4	2	5	
31. Tuberculosis, respiratory system	420	4	27	29	165	110	17	20	23	25	
32-37. Tuberculosis, other organs	99	-	7	4	44	18	5	8	4	9	
43-49 Cancer	663	7	59	24	172	252	43	26	27	53	
57. Diabetes mellitus	83	-	3	3	20	37	5	8	4	3	
58. Anaemia chlorosis	53	-	2	2	14	23	1	1	6	4	
71. Meningitis	65	1	4	5	43	10	-	-	1	1	
74. Cerebral haemorrhage, apoplexy	201	2	13	16	37	89	8	14	8	14	
75-76. Paralysis	96	2	9	3	45	21	8	1	3	4	
80. Infantile convulsions (under 5 years of age)	35	-	3	-	15	8	1	6	2	-	
87-90. Diseases of the heart	827	8	43	46	204	366	52	34	37	37	
91. Diseases of the arteries	380	1	18	8	71	211	18	16	19	18	
99. Bronchitis	22	-	-	3	12	6	1	-	-	-	
100-101. Pneumonia	313	3	20	13	116	97	19	18	14	13	
113-114. Diarrhoea and enteritis	1,222	-	85	61	768	187	42	43	30	6	
117. Appendicitis	128	-	1	4	51	26	9	17	14	6	
118. Hernia, intestinal obstruction	80	-	4	2	28	30	5	6	1	4	
128-129. Nephritis	423	5	28	16	162	136	22	18	12	24	
135. Diseases of the prostate	48	-	4	1	15	25	1	-	-	2	
143-150. Puerperal causes	77	-	10	4	24	22	4	2	7	4	
159. Congenital malformations	113	1	5	4	32	44	7	11	6	3	
160-163. Diseases of early infancy	722	3	39	35	309	203	36	48	36	13	
164. Senility (old age)	164	4	28	20	37	50	6	10	2	7	
165-174. Suicides	67	-	4	2	9	26	4	3	6	13	
188A. Railroad accidents	36	-	1	1	9	14	2	3	2	3	
188B. Street car accidents	7	-	1	-	3	1	-	-	2	1	
188C. Automobile accidents	125	1	2	4	32	58	6	7	8	7	
188D-E-F. Other traffic accidents	29	-	-	-	5	9	2	2	3	8	
175-203. Violent deaths (suicides and traffic accidents excepted)	339	-	23	8	94	116	20	39	14	25	
All other causes	1,230	8	71	57	398	399	75	69	88	65	
Total	8,405	52	532	395	3,079	2,679	436	451	394	387	
Equivalent annual death rate per 1,000 population	(1921)	10.5	13.0	11.8	16.6	-	12.0	8.3	6.6	7.9	6.8
	(1922)	9.8	9.8	10.4	13.9	-	10.0	9.7	8.7	8.3	8.4
	(1923)	9.1	8.3	10.3	11.3	-	9.6	7.7	8.0	7.9	7.7
	(1924)	9.3	9.8	11.3	14.2	-	9.8	7.5	6.9	7.8	8.6
	(1925)	9.7	7.6	10.1	11.5	-	10.9	9.0	7.5	7.3	8.4
	(1926) (1)	10.6	7.3	10.4	11.9	14.2	10.2	7.3	7.4	7.9	8.4
	(1927) (1)	10.8	-	11.9	11.7	14.4	10.2	8.2	6.8	7.8	8.2

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

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

Causes of death	Montreal	Toronto	Winnipeg	Vancouver	Hamilton	Ottawa	Quebec	Calgary	London	Edmonton	Halifax	St. John	Victoria	Windsor	Regina
1. Typhoid fever	7	1	2	-	-	-	-	-	-	2	-	-	-	1	-
7. Measles	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
8. Scarlet fever	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
9. Whooping cough	9	2	-	1	-	3	2	-	-	1	-	-	-	-	-
10. Diphtheria	15	10	3	-	-	4	2	-	1	1	-	2	-	2	-
11. Influenza	3	3	-	1	-	4	4	-	2	1	-	1	-	3	-
31. Tuberculosis, respiratory system	56	15	3	5	2	7	10	2	2	1	4	1	-	3	-
32-37. Tuberculosis, other organs	11	6	2	6	2	1	3	-	1	1	2	1	-	1	2
43-49. Cancer	58	58	17	24	8	9	14	3	12	6	9	9	6	6	4
57. Diabetes mellitus	8	9	1	1	3	1	2	2	3	1	-	1	-	1	1
58. Anaemia, chlorosis	4	5	1	-	1	1	1	1	-	-	-	-	-	-	-
71. Meningitis	6	2	-	-	-	-	2	2	1	2	-	-	-	-	-
74. Cerebral haemorrhage, apoplexy	11	6	2	1	5	3	2	1	2	1	3	4	3	1	1
75-76. Paralysis	5	4	2	-	1	5	1	-	-	-	1	-	-	-	-
80. Infantile convulsions (under 5 years of age)	3	1	-	-	-	2	2	-	1	-	-	-	-	-	-
87-90. Diseases of the heart	67	64	19	11	9	21	6	7	12	7	6	9	1	1	-
91. Diseases of the arteries	20	41	7	6	3	6	1	2	6	-	6	-	-	5	-
99. Bronchitis	5	-	-	-	-	1	1	-	-	-	-	-	-	-	-
100-101 Pneumonia	38	22	5	3	4	4	13	1	5	2	5	3	4	-	-
113-114. Diarrhoea and enteritis	152	34	19	-	9	10	47	1	2	3	2	2	3	3	9
117. Appendicitis	16	6	5	2	-	-	5	2	2	5	1	1	1	5	1
118. Hernia, intestinal obstruction	10	7	2	2	2	2	2	-	2	-	1	1	1	1	1
128-129. Nephritis	68	16	7	11	3	6	10	4	7	5	5	4	1	3	-
135. Diseases of the prostate	6	-	-	2	-	3	1	-	2	-	2	-	-	-	-
143-150. Puerperal causes	7	8	2	3	1	-	1	1	-	3	1	1	1	1	1
159. Congenital malformations	7	6	1	1	2	5	5	1	2	1	-	1	-	2	-
160-163. Diseases of early infancy	71	37	11	3	6	14	15	2	2	4	6	5	1	11	5
164. Senility (old age)	4	2	1	1	-	3	2	-	-	1	3	2	-	1	-
165-174. Suicides	6	4	1	5	2	1	-	-	-	-	-	-	1	-	-
188A. Railroad accidents	2	-	-	1	-	-	1	-	-	1	-	-	-	1	1
188B. Street car accidents	3	1	-	-	-	-	-	1	-	1	-	-	-	-	-
188C. Automobile accidents	13	19	4	3	2	7	2	1	1	-	1	-	1	1	1
188D-E-F. Other traffic accidents	1	1	-	-	-	-	1	1	-	1	-	-	2	-	1
175-203. Violent deaths (suicides and traffic accidents excepted)	25	14	9	4	2	4	6	-	2	2	5	-	1	1	1
All other causes	119	85	18	22	19	21	23	9	12	19	9	7	3	7	4
Total	838	489	145	119	86	144	184	44	83	67	68	57	22	62	31

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

Number and rate	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Total marriages -										
1921	5,096	72	432	399	-	2,863	407	271	309	343
1922	5,011	66	370	351	-	2,877	380	272	326	369
1923	5,337	53	413	417	-	3,181	346	256	267	404
1924	4,883	53	343	399	-	2,868	311	238	283	388
1925	5,022	51	375	397	-	2,915	313	237	310	424
1926 (1)	7,659	62	368	436	2,279	3,127	357	253	312	465
1927 (1)	7,333	55	340	379	2,175	3,012	357	266	291	458
Equivalent annual rate per 1,000 population										
1921	9.7	9.9	10.0	12.8	-	11.9	8.1	4.4	6.4	8.0
1922	9.4	9.1	8.5	10.9	-	11.7	7.5	4.3	6.7	8.3
1923	9.9	7.3	9.4	12.8	-	12.8	6.8	4.0	5.5	8.9
1924	8.9	7.3	7.8	12.2	-	11.4	6.1	3.6	5.8	8.6
1925	9.1	7.1	8.5	12.0	-	11.4	6.0	3.6	6.3	9.2
1926 (1)	9.9	8.7	8.3	13.0	10.8	12.1	6.8	3.7	6.2	10.0
1927 (1)	9.4	7.7	7.6	11.2	10.2	11.5	6.7	3.9	5.7	9.7

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

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