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PRELIMINARY MONTHLY REPORT

VITAL STATISTICS

MARCH 1927

Published by authority of the Hon. James Malcolm, M. P.,
Minister of Trade and Commerce

OTTAWA

1927

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This bulletin gives a preliminary report on Births, Deaths and Marriages for the month of March, 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 March, 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 March, 1927 was 20,798, as against 21,356 for March of last year. This falling off was contributed to by all provinces with which comparisons can be instituted, except Saskatchewan.

There were altogether 21,279 confinements. Single confinements numbered 21,033 resulting in 20,331 children born alive and 702 children born dead. Twin births numbered 242; in 220 cases both infants were born alive while in 15 cases one only was born alive and in 7 cases both were born dead. There were four sets of triplets in which all the children were born alive.

Stillbirths reported in March were distributed as follows: Prince Edward Island 4; Nova Scotia 48; New Brunswick 29; Quebec 202; Ontario 276, Manitoba 51; Saskatchewan 62; Alberta 39; British Columbia 20; making a total of 731. 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 5.2 for March 1927. The rates for the same month in the preceding years were as follows: 1926, 6.8; 1925, 6.1; 1924, 6.0; 1923, 5.1; 1922, 5.7 and 1921, 5.2. 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 March 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 102.7 per 1,000 males born alive, while mortality among females was 88.7 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.

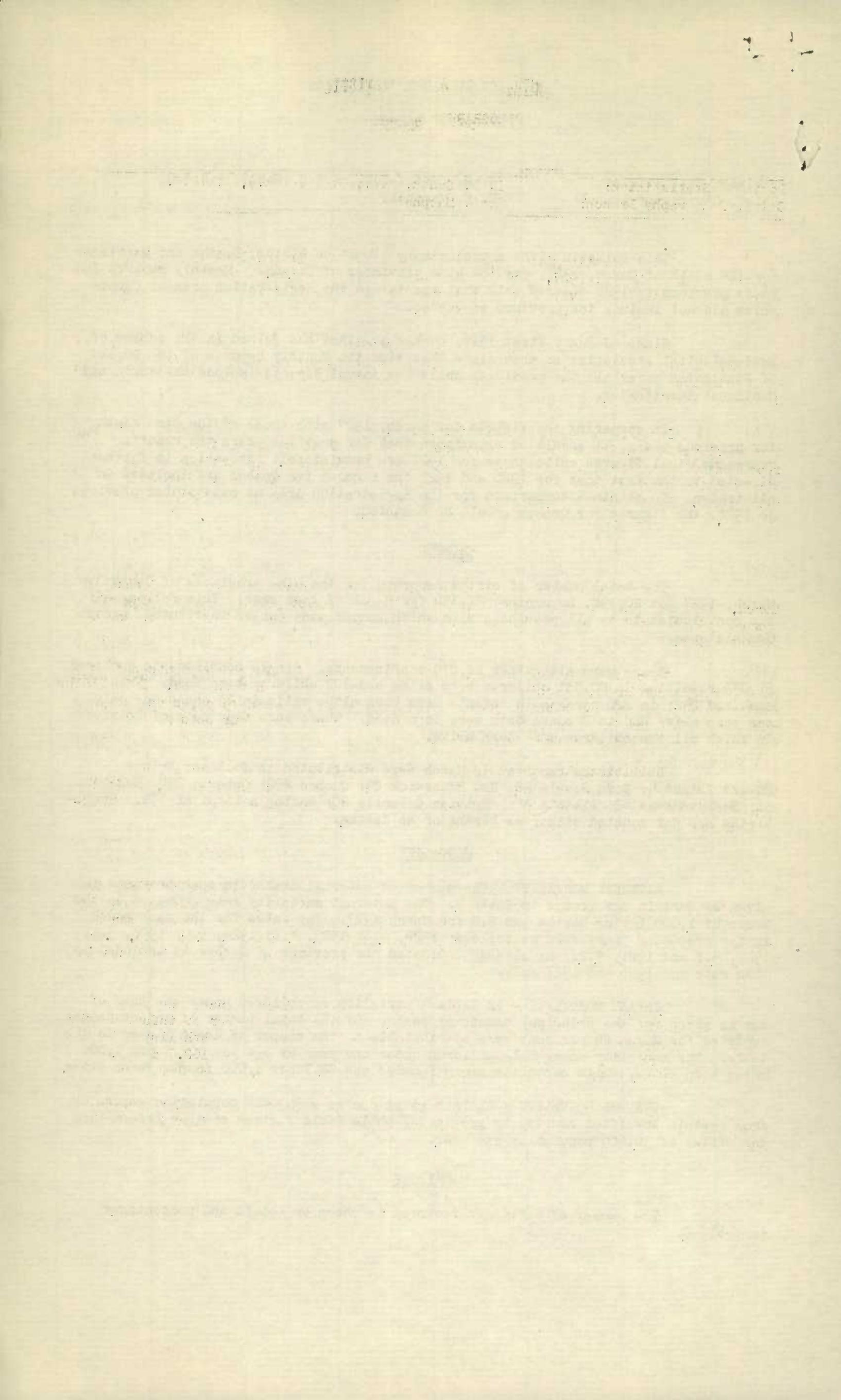


Table 1. Living births by provinces in March, 1921-27.

Year	Total	P. E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1921	15,261	180	1,133	1,063	-	6,769	1,686	2,051	1,474	905
1922	15,129	190	1,140	1,094	-	6,555	1,604	2,116	1,483	947
1923	14,254	177	1,044	1,035	-	6,396	1,492	1,905	1,362	843
1924	14,365	182	1,095	1,001	-	6,445	1,375	1,969	1,384	914
1925	14,160	163	997	1,010	-	6,514	1,295	1,893	1,328	960
1926 (1)	21,356	167	979	1,040	7,772	6,062	1,316	1,847	1,227	946
1927 (1)	20,798	(2) 125	944	960	7,496	6,024	1,265	1,879	1,219	886
Equivalent annual birth rate per 1,000 population.										
1921	28.0	23.9	25.5	32.9	-	27.2	32.5	31.9	29.5	20.3
1922	27.4	25.3	25.4	32.8	-	25.9	30.7	32.3	29.5	20.7
1923	25.5	23.7	23.1	30.7	-	24.9	28.3	28.6	26.9	17.9
1924	25.5	24.4	24.2	29.6	-	24.9	25.9	29.2	27.3	19.5
1925	24.7	22.1	21.9	29.5	-	24.7	24.1	27.5	25.9	20.1
1926 (1)	26.8	22.6	21.3	30.1	35.7	22.7	24.2	26.5	23.8	19.6
1927 (1)	25.8	(2)	20.5	27.5	33.9	22.3	23.0	26.5	23.3	18.1

(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, March, 1927.

Provinces	Total	Male	Female	Single Births	Pairs of Twins	No. Triplets
P. E. Island	125	91	61	119	3	-
Nova Scotia	944	436	458	918	13	-
New Brunswick	960	403	462	934	13	-
Quebec	7,496	3,652	3,644	7,307	93	1
Ontario	6,024	3,181	2,843	5,909	55	1
Manitoba	1,265	655	610	1,243	11	-
Saskatchewan	1,879	955	914	1,851	14	-
Alberta	1,219	595	623	1,195	9	2
British Columbia	836	433	453	870	8	-
Total	20,798	10,730	10,068	20,346	220	4

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

Cities of 20,000 and over		1921	1922	1923	1924	1925	1926	1927
Montreal	Que.	-	-	-	-	-	1,883	1,809
Toronto	Ont.	1,253	1,181	1,135	1,145	1,075	974	1,058
Winnipeg	Man.	566	540	491	416	419	431	400
Vancouver	B.C.	288	263	272	257	261	290	275
Hamilton	Ont.	319	280	281	263	283	254	263
Ottawa	Ont.	272	284	298	287	260	273	260
Quebec	Que.	-	-	-	-	-	404	377
Calgary	Alta.	198	169	172	142	143	122	175
London	Ont.	120	138	123	139	136	122	102
Edmonton	Alta.	181	184	176	163	179	173	155
Halifax	N.S.	170	146	145	153	121	122	153
St. John	N.B.	118	111	108	131	107	94	101
Victoria	B.C.	81	97	60	77	70	67	61
Windsor	Ont.	99	120	144	145	174	175	203
Regina	Sask.	105	122	98	88	79	80	88
Brantford	Ont.	72	68	61	68	65	54	63
Saskatoon	Sask.	76	78	70	85	67	69	84
Verdun	Que.	-	-	-	-	-	78	85
Hull	Que.	-	-	-	-	-	89	92
Sherbrooke	Que.	-	-	-	-	-	69	78
Sydney	N.S.	43	47	37	47	60	31	40
Three Rivers	Que.	-	-	-	-	-	116	125
Kitchener	Ont.	61	43	58	50	64	52	63
Kingston	Ont.	66	60	56	52	40	52	40
Sault Ste. Marie	Ont.	62	48	68	77	62	56	43
Peterborough	Ont.	48	42	58	34	43	50	44
Fort William	Ont.	64	75	71	69	67	51	52

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

Age groups	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
15 - 19	4	-	-	-	2	1	1	-	-	-
20 - 24	18	-	1	1	7	5	-	2	1	1
25 - 29	22	-	2	-	6	7	2	1	2	2
30 - 39	51	-	1	2	11	16	6	9	2	4
40 - 49	13	-	3	-	5	4	1	-	-	-
50 and over	-	-	-	-	-	-	-	-	-	-
Total	108	-	7	3	31	33	10	12	5	7

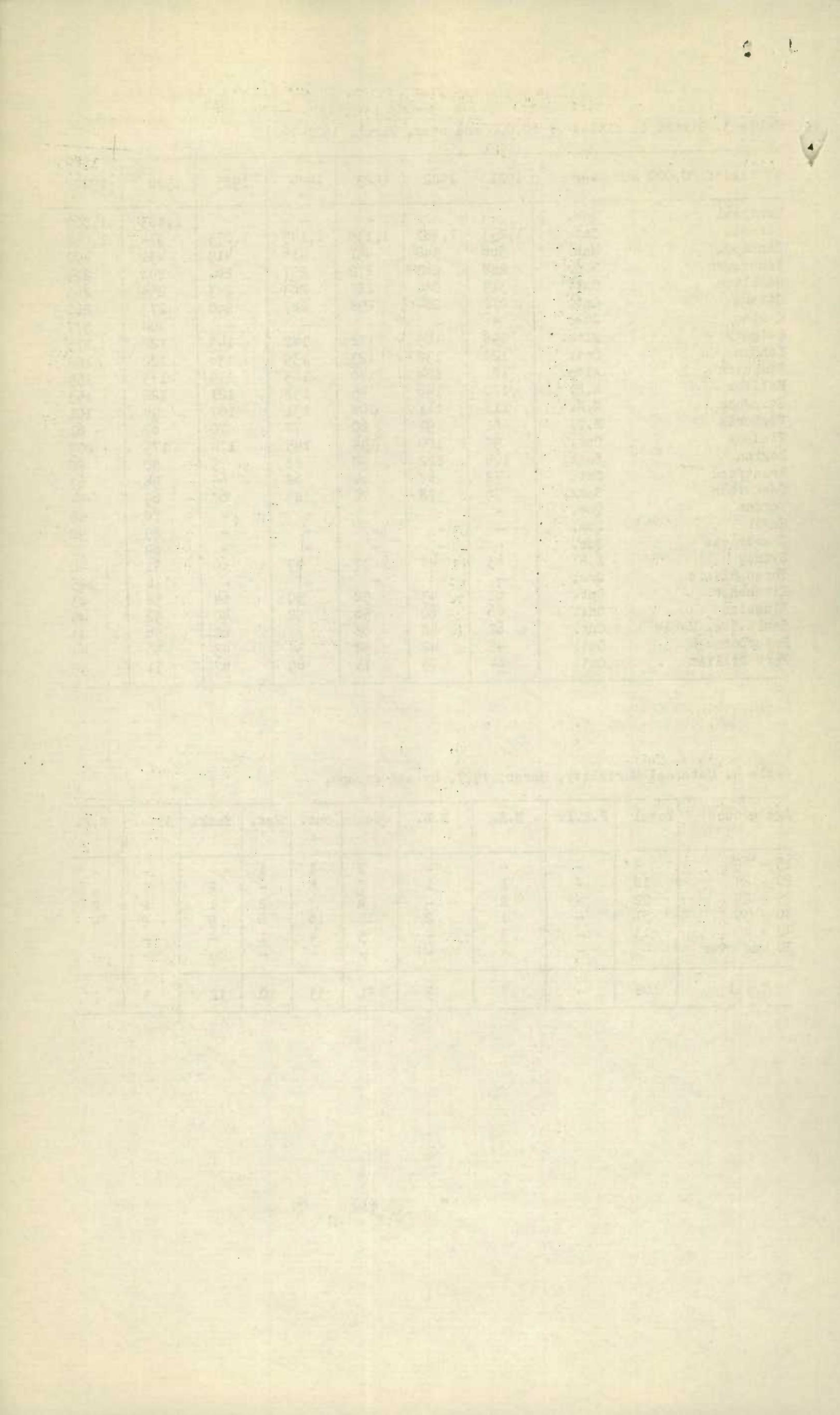


Table 5. Mortality of children under one year of age for certain principal causes of death by sex in each province, March, 1927.

Causes of death	Total		P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
	M.	F.									
7. Measles	15					11	2	-			1
9. Whooping cough	10					5	3	-			2
1-6,8,10,12-30,39-42, other epidemic, endemic and infec- tious diseases(1)	17	20		3	1	8	3	1	1	1	
11. Influenza	25	27		1	1	14	6	1	3	1	1
31-37.Tuberculosis	78	57		3	1	31	12	10	12	8	1
38. Syphilis	13	9		1	1	29	7	2	1	1	1
71A.Meningitis(simple)	14	10		1	1	5	3	1	3	1	1
80. Convulsions	26	22		4	2	4	2	2	7	4	2
99. Bronchitis	8	9		1	1	4	1	-	2	1	1
100,101.Pneumonia	151	120	1	20	7	48	35	13	17	8	3
113.Diarrhoea and enteritis	98	102	3	7	4	45	34	11	10	6	1
118.Hernia, intes- tinal obstruction	5	2		1	1	75	8	3	5	2	1
159.Congenital malformations	56	57		5	1	19	23	3	4	1	8
160.Congenital debility	115	87	1	14	6	53	27	3	11	5	3
161.Premature birth, injury at birth	288	211		10	12	103	95	13	28	18	8
Other specified causes	177	136	6	3	3	94	50	8	15	16	6
204,205.Unspecified or ill-defined causes	9	6	2	-	4	63	50	9	13	16	9
Total males	1,102	893	13	65	41	454	271	64	104	66	24
Total females			3	37	36	435	194	48	65	48	27
Total both sexes	1,995		16	102	77	889	465	112	169	114	51
(1921	98.1	161.1		115.6	124.2	-	99.6	82.4	95.6	97.0	59.6
Rate per	(1922	99.0	78.9	128.1	110.6	-	93.5	102.2	88.8	116.0	83.4
1,000	(1923	116.3	124.3	143.7	117.9	-	105.2	126.0	134.4	119.7	99.6
living	(1924	86.8	98.9	98.6	90.9	-	86.3	76.4	84.8	91.8	82.1
births	(1925	86.9	73.6	96.3	78.2	-	87.7	93.4	91.9	98.6	47.9
(1926 (2)	104.7	47.9	71.5	106.7	139.1	84.0	92.7	88.3	97.0	56.0	
(1927 (2)	95.9	(3)	108.1	80.2	118.6	77.2	88.5	89.9	93.5	57.6	

(1) Comprises typhoid, small-pox, 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.

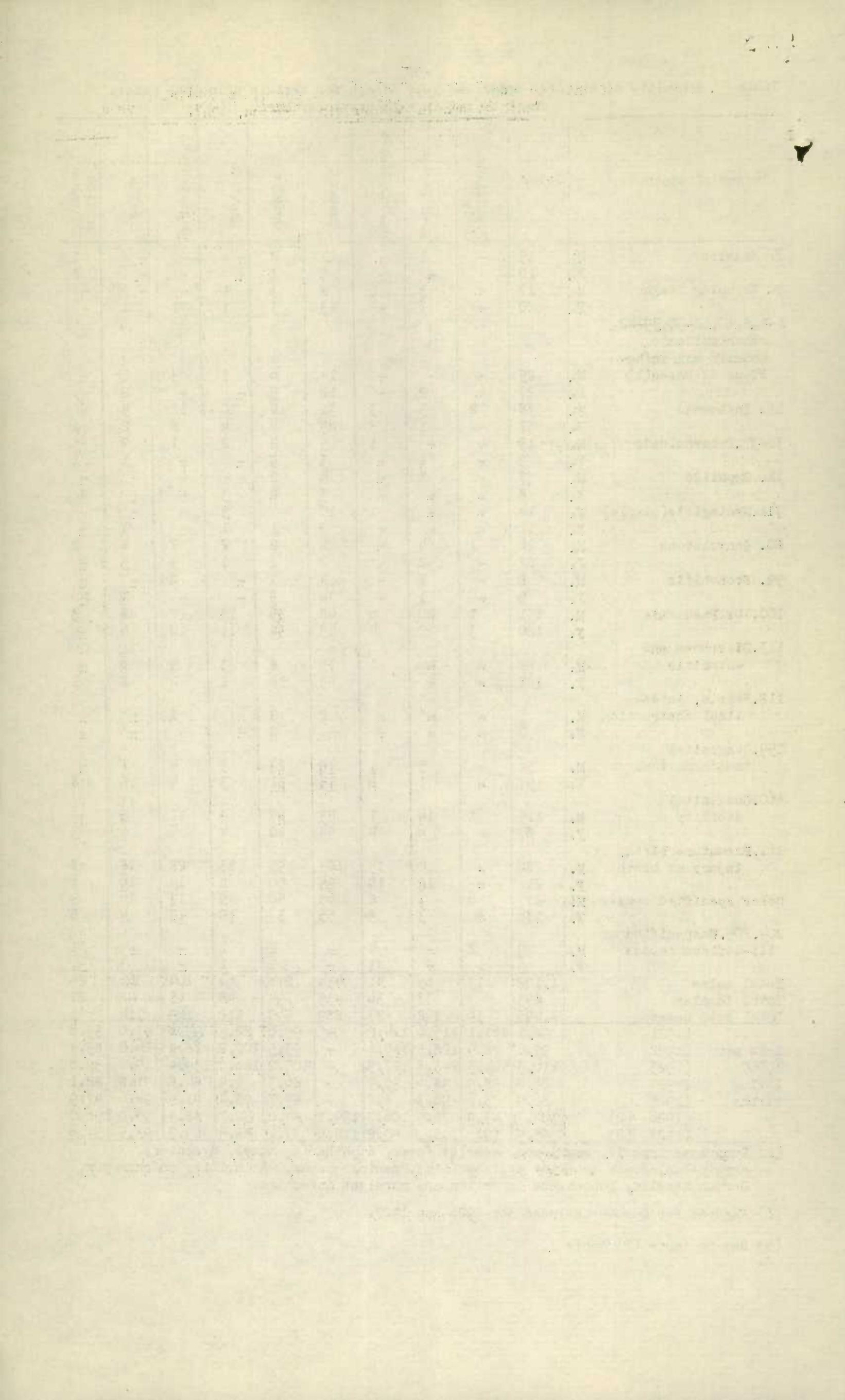


Table 6. Deaths from certain specified causes by provinces, March, 1927.

Causes of death	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1. Typhoid fever	120	-	-	2	107	3	5	-	1	2
7. Measles	68	-	2	3	42	11	2	1	1	7
8. Scarlet fever	42	-	2	5	16	9	1	6	2	1
9. Whooping cough	71	-	6	3	40	14	3	2	2	1
10. Diphtheria	73	-	3	1	26	24	4	7	6	3
11. Influenza	535	4	21	23	153	155	56	60	39	24
31. Tuberculosis, respiratory system	628	6	59	29	260	146	32	21	32	43
32-37. Tuberculosis, other organs	127	1	9	10	47	29	7	7	10	7
43-49. Cancer	655	11	49	26	156	258	42	35	28	50
57. Diabetes mellitus	79	-	1	3	19	42	6	2	1	5
58. Anaemia chlorosis	90	-	9	4	18	45	5	2	3	4
71. Meningitis	78	-	4	3	48	10	6	3	2	2
74. Cerebral haemorrhage, apoplexy	248	2	20	10	42	116	17	18	12	11
75-76. Paralysis	114	4	7	5	52	27	3	5	6	5
80. Infantile convulsions (under 5 years of age)	56	1	6	-	18	5	3	14	7	2
87-90. Diseases of the heart	1,071	8	51	36	290	460	55	49	43	79
91. Diseases of the arteries	415	1	20	20	76	224	24	7	13	30
99. Bronchitis	55	1	10	1	21	12	1	6	1	2
100-101. Pneumonia	851	12	63	38	253	297	60	56	42	30
113-114. Diarrhoea and enteritis	250	-	1	4	193	26	6	10	9	1
117. Appendicitis	114	3	7	7	35	34	5	9	8	6
118. Hernia, intestinal obstruction	73	1	2	1	25	33	4	3	1	4
128-129. Nephritis	443	4	25	17	169	167	10	22	9	20
135. Diseases of the prostate	69	-	5	4	12	40	-	1	3	4
143-150. Puerperal causes	108	-	7	3	31	33	10	12	5	7
159. Congenital malformations	116	-	6	3	34	45	6	8	6	8
160-163. Diseases of early infancy	830	3	44	40	346	222	34	72	46	23
164. Senility (old age)	225	7	47	28	44	59	14	7	11	8
165-174. Suicides	73	-	2	4	4	34	4	4	8	13
188A. Railroad accidents	20	-	-	1	3	10	-	1	2	3
188B. Street car accidents	5	-	-	-	2	3	-	-	-	-
188C. Automobile accidents	30	-	-	2	6	16	3	-	1	2
188D-E-F. Other traffic accidents	31	-	1	1	2	10	-	5	2	10
175-203. Violent deaths (suicides and traffic accidents excepted)	218	1	8	9	60	84	15	16	10	15
All other causes	1,360	15	67	55	466	440	86	80	76	75
Total	9,341	85	564	400	3,116	3,143	529	551	446	507
(1921)	11.8	19.7	13.8	15.8	-	13.2	9.6	8.2	9.1	8.7
(1922)	13.0	16.3	16.3	15.7	-	13.9	11.0	8.8	11.1	12.7
Equivalent annual death rate per 1,000 population	(1923)	14.0	23.5	17.6	19.1	-	15.0	11.4	11.0	10.6
(1924)	11.2	14.4	14.8	12.5	-	12.1	8.3	8.3	9.7	10.5
(1925)	11.1	16.9	14.2	13.0	-	12.2	9.5	7.5	8.9	9.1
(1926) (1)	13.0	10.7	12.9	13.7	16.2	13.6	10.0	8.1	9.1	9.7
(1927) (1)	11.6	11.5	12.2	11.5	14.1	11.6	9.6	7.8	8.5	10.4

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

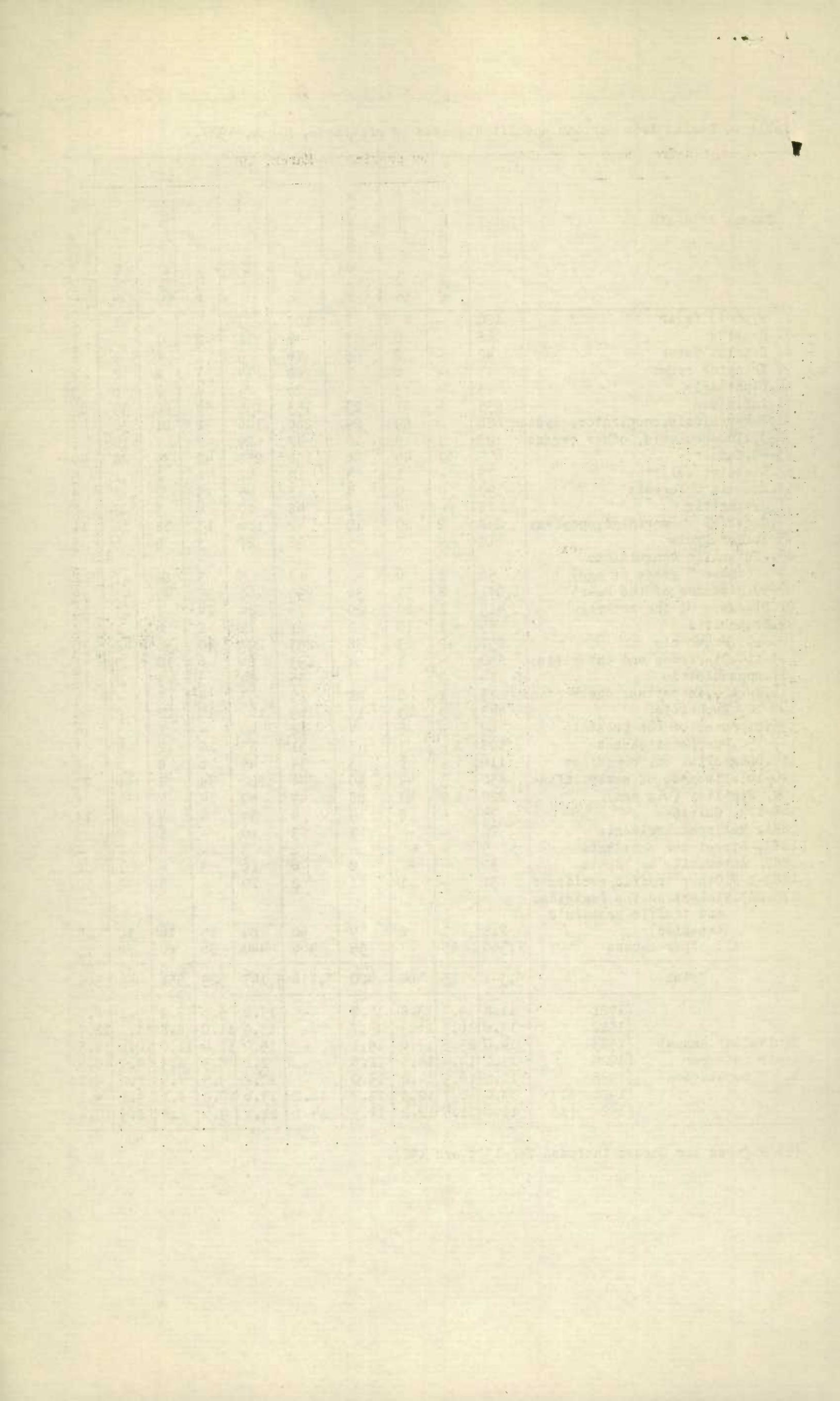


Table 7. Deaths by certain specified causes in cities of 30,000 and over, March, 1927.

Causes of death	Montreal	Toronto	Winnipeg	Vancouver	Hamilton	Ottawa	Quebec	Calgary	London	Edmonton	Halifax	St. John	Victoria	Windsor	Regina
1. Typhoid fever	79	-	1	1	1	1	-	-	-	-	-	-	1	-	-
7. Measles	4	1	-	6	1	-	-	-	-	-	-	-	-	-	-
8. Scarlet fever	2	2	1	1	1	1	1	1	1	-	-	-	1	1	1
9. Whooping cough	7	2	-	1	1	-	2	-	-	-	3	-	-	-	-
10. Diphtheria	14	9	1	2	-	3	-	-	1	1	-	-	-	-	-
11. Influenza	20	19	3	4	2	9	9	3	8	3	2	-	3	1	2
31. Tuberculosis, respiratory system	92	15	7	14	2	8	19	2	3	5	10	3	4	1	1
32-37. Tuberculosis, other organs	12	7	4	2	1	2	4	1	1	-	1	2	1	1	1
43-49. Cancer	56	69	18	14	13	12	18	4	9	12	8	6	10	2	3
57. Diabetes mellitus	5	13	1	3	1	-	2	-	-	-	3	1	-	-	-
58. Anaemia, chlorosis	7	4	1	3	1	-	-	-	1	2	-	2	-	-	-
71. Meningitis	10	2	-	2	2	-	6	-	1	-	-	-	-	-	-
74. Cerebral haemorrhage, apoplexy	17	15	4	4	6	4	2	2	3	3	1	1	-	-	2
75-76. Paralysis	10	4	-	2	2	2	-	-	3	1	1	-	-	-	1
80. Infantile convulsions (under 5 yrs. of age)	5	1	-	-	-	-	2	-	-	2	-	1	1	-	-
87-90. Diseases of the heart	105	95	13	19	14	26	14	5	7	7	8	8	15	5	4
91. Diseases of the arteries	28	51	7	10	6	6	3	3	10	4	9	3	2	-	-
99. Bronchitis	2	1	-	-	-	-	1	-	-	-	-	-	-	1	-
100-101. Pneumonia	83	56	12	19	22	7	6	4	14	3	9	2	1	7	4
115-114. Diarrhoea and enteritis	56	4	1	-	2	1	17	1	-	-	-	-	-	1	-
117. Appendicitis	8	8	-	1	2	3	2	-	-	1	1	1	1	-	-
118. Hernia, intestinal obstruction	11	4	2	3	2	4	-	-	-	-	-	1	1	1	-
128-129. Nephritis	78	21	5	5	9	11	12	2	9	1	2	1	2	5	3
135. Diseases of the prostate	4	9	-	1	3	2	2	-	2	3	-	3	-	-	-
143-150. Puerperal causes	7	9	4	1	5	-	1	-	1	-	3	-	-	-	1
159. Congenital malformations	11	8	2	4	4	2	2	-	-	-	2	1	1	1	1
160-163. Diseases of early infancy	72	54	9	7	7	11	9	3	2	3	6	3	1	6	4
164. Senility (old age)	7	5	-	1	-	1	3	-	1	1	3	3	1	1	-
165-174. Suicides	1	9	2	6	1	-	-	2	2	1	-	1	-	-	1
188A. Railroad accidents	2	1	-	-	-	-	-	1	-	1	-	-	-	-	-
188B. Street car accidents	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188C. Automobile accidents	4	7	2	1	-	-	-	1	1	-	-	-	-	4	-
188D-E-F. Other traffic accidents	-	1	-	-	-	-	-	-	1	-	-	-	2	-	-
175-203. Violent deaths (suicides and traffic accidents excepted)	25	15	8	5	10	-	1	4	1	2	3	1	-	-	-
All other causes	140	107	32	33	16	18	24	16	8	15	14	9	3	11	8
Total	986	628	140	175	137	136	162	56	88	72	86	56	50	49	36

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

Number and rate -	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Total marriages -										
1921	3,761	26	190	193	-	1,861	384	403	406	298
1922	2,607	23	178	130	-	1,243	259	310	256	208
1923	2,612	13	157	87	-	1,333	247	265	259	251
1924	2,853	19	173	141	-	1,363	255	351	301	250
1925	2,428	15	142	109	-	1,204	220	267	260	211
1926 (1)	3,024	35	140	111	351	1,202	257	359	320	249
1927 (1)	3,264	22	156	126	394	1,268	287	371	333	307
Equivalent annual rate per 1,000 population										
1921	6.9	3.5	4.3	6.0	-	7.5	7.4	6.3	8.1	6.7
1922	4.7	3.1	4.0	3.9	-	4.9	5.0	4.7	5.1	4.5
1923	4.7	1.7	3.5	2.6	-	5.2	4.7	4.0	5.1	5.3
1924	5.1	2.5	3.8	4.2	-	5.3	4.8	5.2	5.9	5.3
1925	4.2	2.0	3.1	3.2	-	4.6	4.1	3.9	5.1	4.4
1926 (1)	3.8	4.7	3.1	3.2	1.6	4.5	4.7	5.1	6.2	5.2
1927 (1)	4.0	3.0	3.4	3.6	1.8	4.7	5.2	5.2	6.4	6.3

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

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