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PRELIMINARY MONTHLY REPORT

VITAL STATISTICS

APRIL 1927

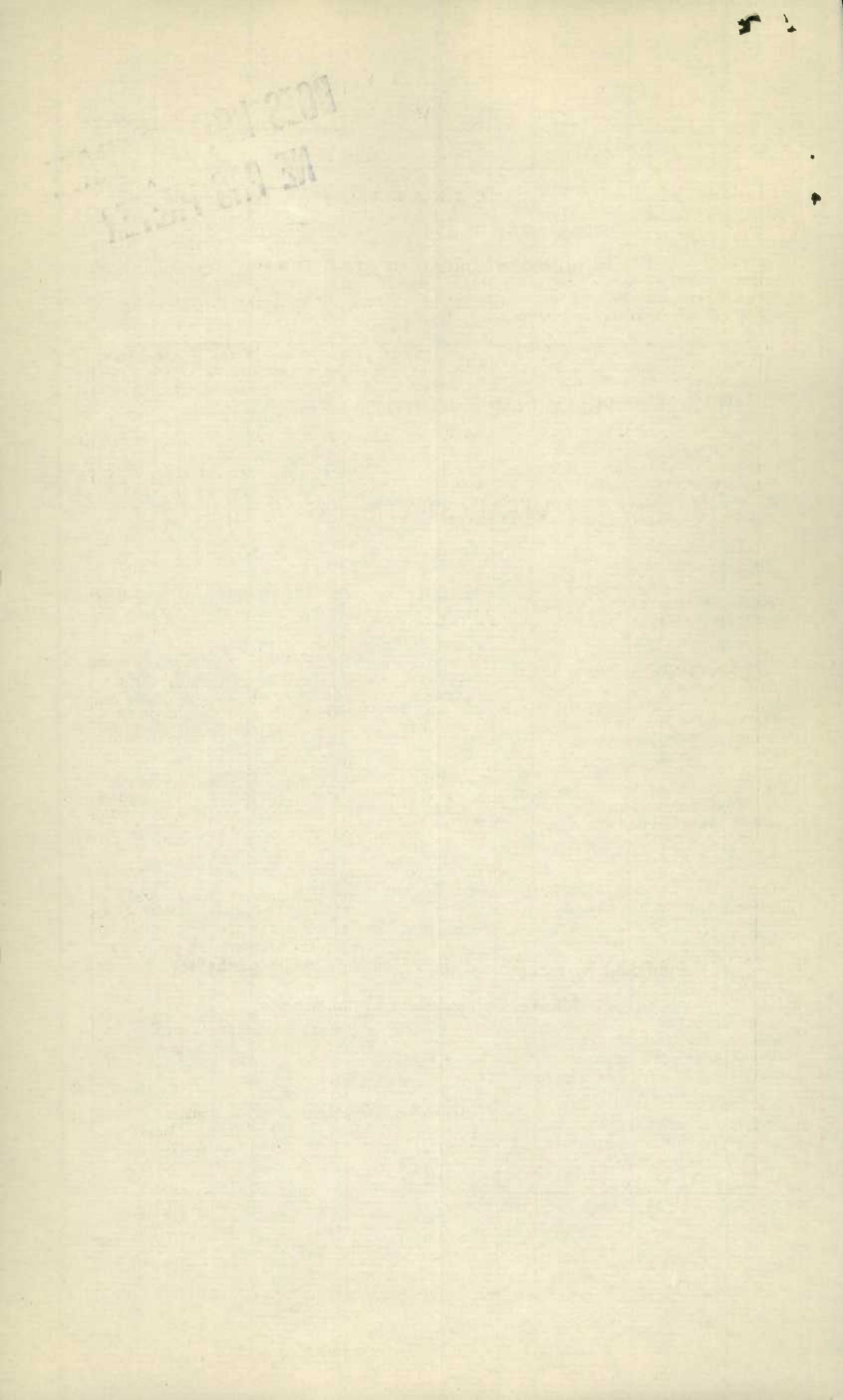
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1927



DOMINION BUREAU OF STATISTICS

DEMOGRAPHY BRANCH

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This bulletin gives a preliminary report on Births, Deaths and Marriages for the month of April, 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 April, 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 April, 1927 was 20,347, as against 21,064 for April of last year. This falling off was contributed to by all provinces.

There were altogether 20,672 confinements. Single confinements numbered 20,403 resulting in 19,840 children born alive and 563 children born dead. Twin births numbered 264 in 237 cases both infants were born alive while in 21 cases one only was born alive and in 6 cases both were born dead. There were five sets of triplets; in four instances the three children were born alive and in the fifth instance all were born dead.

Stillbirths reported in April were distributed as follows: Prince Edward Island 1; Nova Scotia 34; New Brunswick 18; Quebec 178; Ontario 228; Manitoba 29; Saskatchewan 46; Alberta 35; British Columbia 20; making a total of 599. 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 5.8 for April, 1927. The rates for the same month in the preceding years were as follows: 1926, 6.5; 1925, 7.1; 1924, 6.4; 1923, 5.8; 1922, 4.7; and 1921, 6.6. 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 April 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 106.8 per 1,000 males born alive, while mortality among females was 80.2 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.

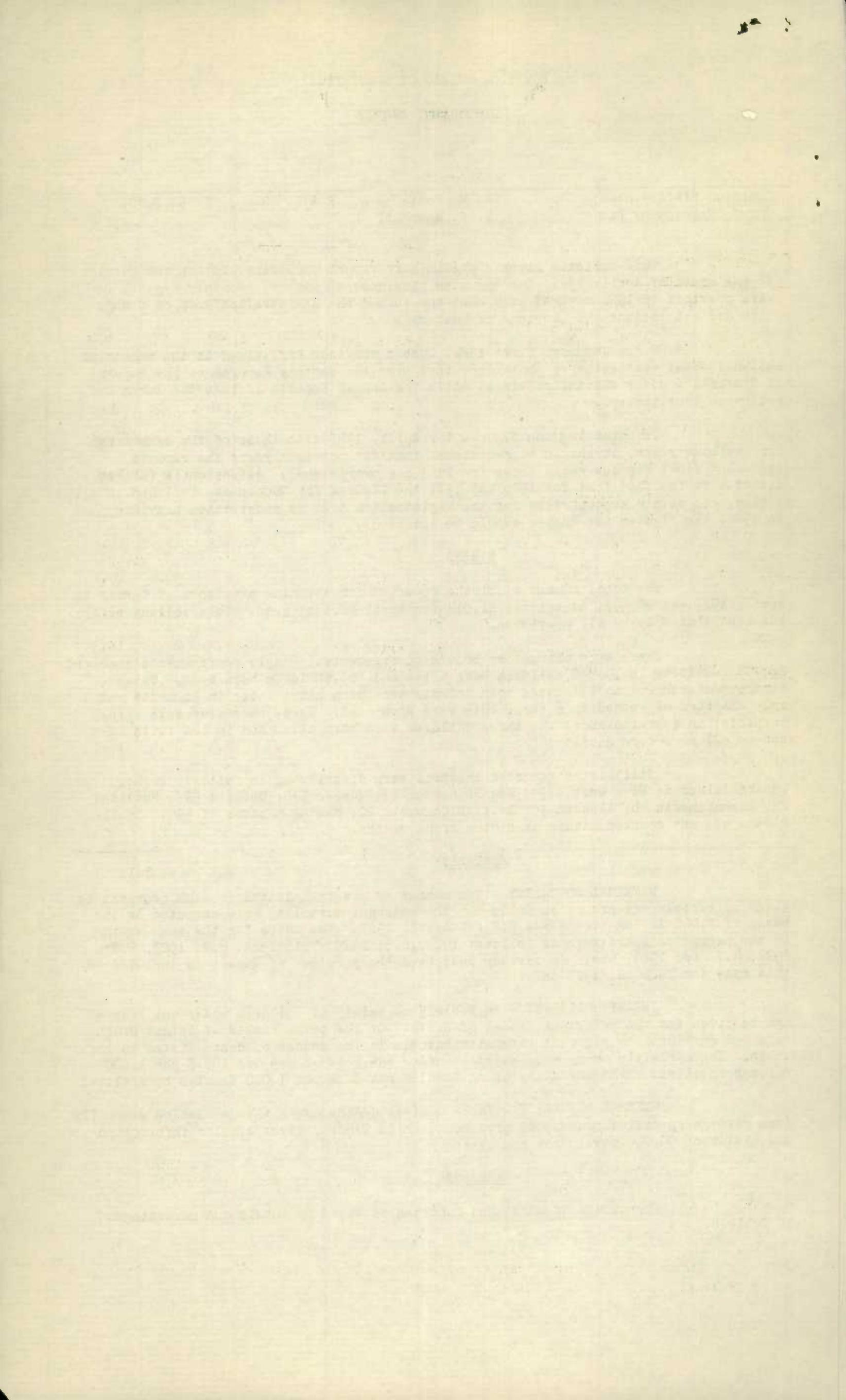


Table 1. Living births by provinces in April, 1921-27.

Year	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1921	14,767	189	1,094	1,014	-	6,603	1,656	1,886	1,445	880
1922	13,986	197	1,090	1,063	-	5,767	1,504	1,992	1,480	893
1923	13,602	168	950	994	-	6,105	1,466	1,798	1,252	869
1924	13,742	171	1,042	996	-	6,232	1,355	1,922	1,196	828
1925	13,605	138	1,052	1,048	-	6,135	1,278	1,737	1,338	879
1926 (1)	21,064	150	954	986	7,754	5,995	1,275	1,803	1,291	856
1927 (1)	20,347 ⁽²⁾	110	943	970	7,511	5,917	1,240	1,712	1,190	754
Equivalent annual birth rate per 1,000 population.										
1921	28.0	25.9	25.4	32.5	-	27.4	33.0	30.3	29.9	20.4
1922	26.2	27.1	25.1	33.0	-	23.5	29.7	31.4	30.4	20.2
1923	25.2	23.2	21.7	30.6	-	24.5	28.7	27.9	25.6	19.1
1924	25.2	23.7	23.8	30.5	-	24.8	26.4	29.4	24.4	18.3
1925	24.6	19.3	23.8	31.6	-	24.1	24.6	26.1	27.0	19.1
1926 (1)	27.3	21.0	21.5	29.5	36.8	23.2	24.3	26.7	25.8	18.3
1927 (1)	26.0	(2)	21.1	28.7	35.1	22.6	23.3	24.9	23.5	16.0

(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, April, 1927.

Provinces	Total	Male	Female	Single Births	Pairs of Twins	No Triplets
P. E. Island	110	53	57	106	2	-
Nova Scotia	943	501	442	931	6	-
New Brunswick	970	502	468	950	10	-
Quebec	7,511	3,824	3,687	7,299	103	2
Ontario	5,917	3,060	2,857	5,792	61	1
Manitoba	1,240	664	576	1,204	18	-
Saskatchewan	1,712	871	841	1,665	22	1
Alberta	1,190	586	604	1,174	8	-
British Columbia	754	382	372	740	7	-
Total	20,347	10,443	9,904	19,861	237	4

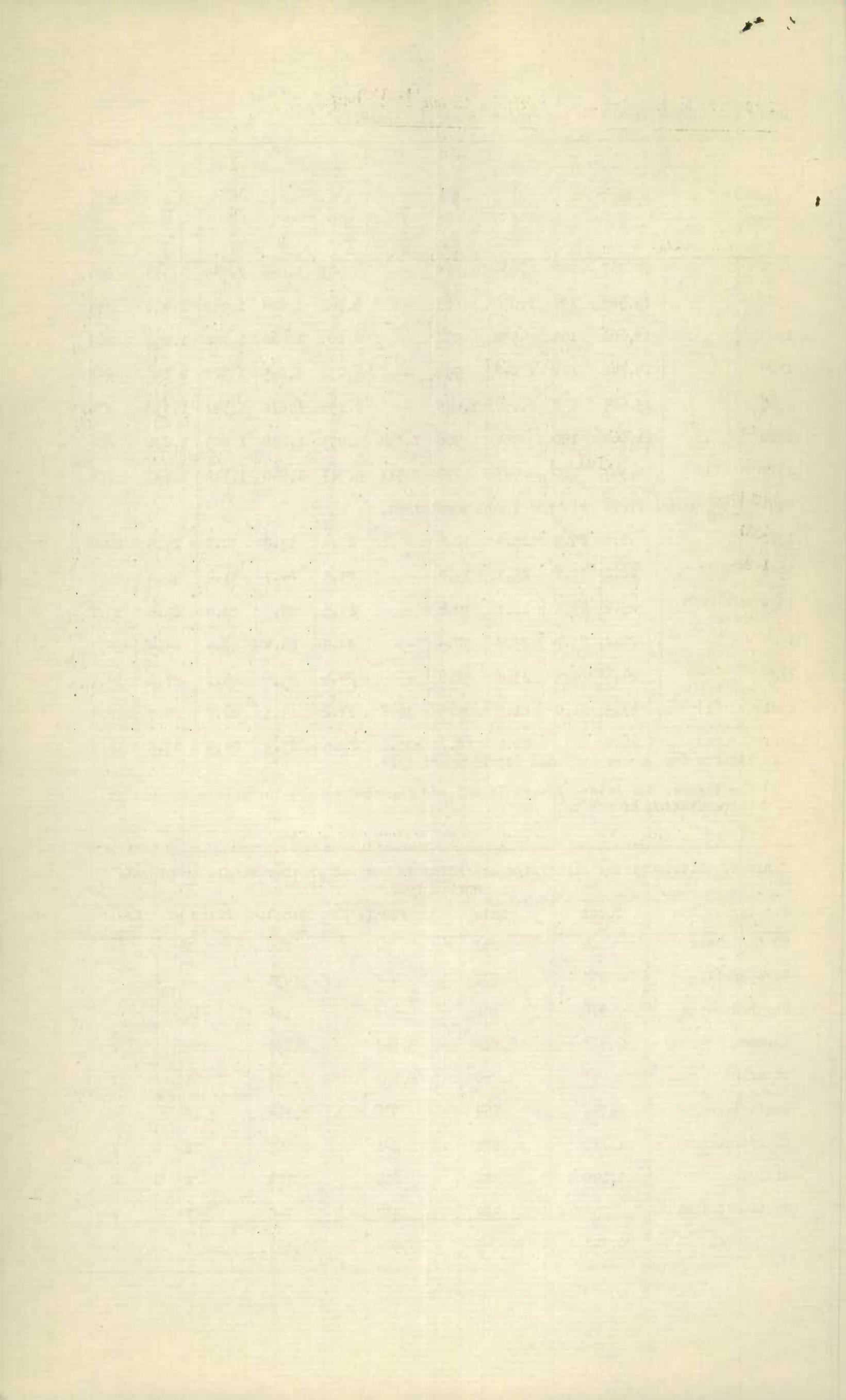


Table 3. Births in cities of 20,000 and over, April 1921-1927.

Cities of 20,000 and over		1921	1922	1923	1924	1925	1926	1927
Montreal	Que.	-	-	-	-	-	1,737	1,645
Toronto	Ont.	1,145	999	1,131	1,074	991	1,009	945
Winnipeg	Man.	558	506	453	424	432	386	384
Vancouver	B.C.	279	263	264	240	263	228	235
Hamilton	Ont.	282	262	263	243	261	214	257
Ottawa	Ont.	294	279	291	250	265	259	246
Quebec	Que.	-	-	-	-	-	395	381
Calgary	Alta.	217	171	151	120	151	132	137
London	Ont.	128	108	114	127	112	127	109
Edmonton	Alta.	204	197	141	150	192	151	183
Halifax	N.S.	160	149	126	138	116	118	115
St. John	N.B.	105	122	124	120	117	100	101
Victoria	B.C.	88	83	67	65	57	69	55
Windsor	Ont.	118	108	138	150	168	150	184
Regina	Sask.	99	108	87	99	56	90	114
Brantford	Ont.	71	63	44	60	32	35	63
Saskatoon	Sask.	70	102	79	83	71	86	81
Verdun	Que.	-	-	-	-	-	83	79
Hull	Que.	-	-	-	-	-	77	97
Sherbrooke	Que.	-	-	-	-	-	48	61
Sydney	N.S.	35	46	46	46	26	45	37
Three Rivers	Que.	-	-	-	-	-	127	106
Kitchener	Ont.	55	47	66	64	52	65	60
Kingston	Ont.	45	43	38	66	48	41	45
Sault Ste. Marie	Ont.	62	59	52	53	50	45	61
Peterborough	Ont.	50	42	40	44	52	47	48
Fort William	Ont.	63	51	66	58	69	55	52

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

Age groups	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Under 15	-	-	-	-	-	1	-	-	-	-
15 - 19	5	-	-	-	1	4	-	-	-	-
20 - 24	23	-	2	2	8	3	1	2	3	2
25 - 29	24	-	2	-	9	6	3	2	-	2
30 - 39	51	-	2	-	14	16	2	7	6	4
40 - 49	15	-	-	1	7	3	-	2	1	1
50 and over	-	-	-	-	-	-	-	-	-	-
Total	119	-	6	3	39	33	6	13	10	9

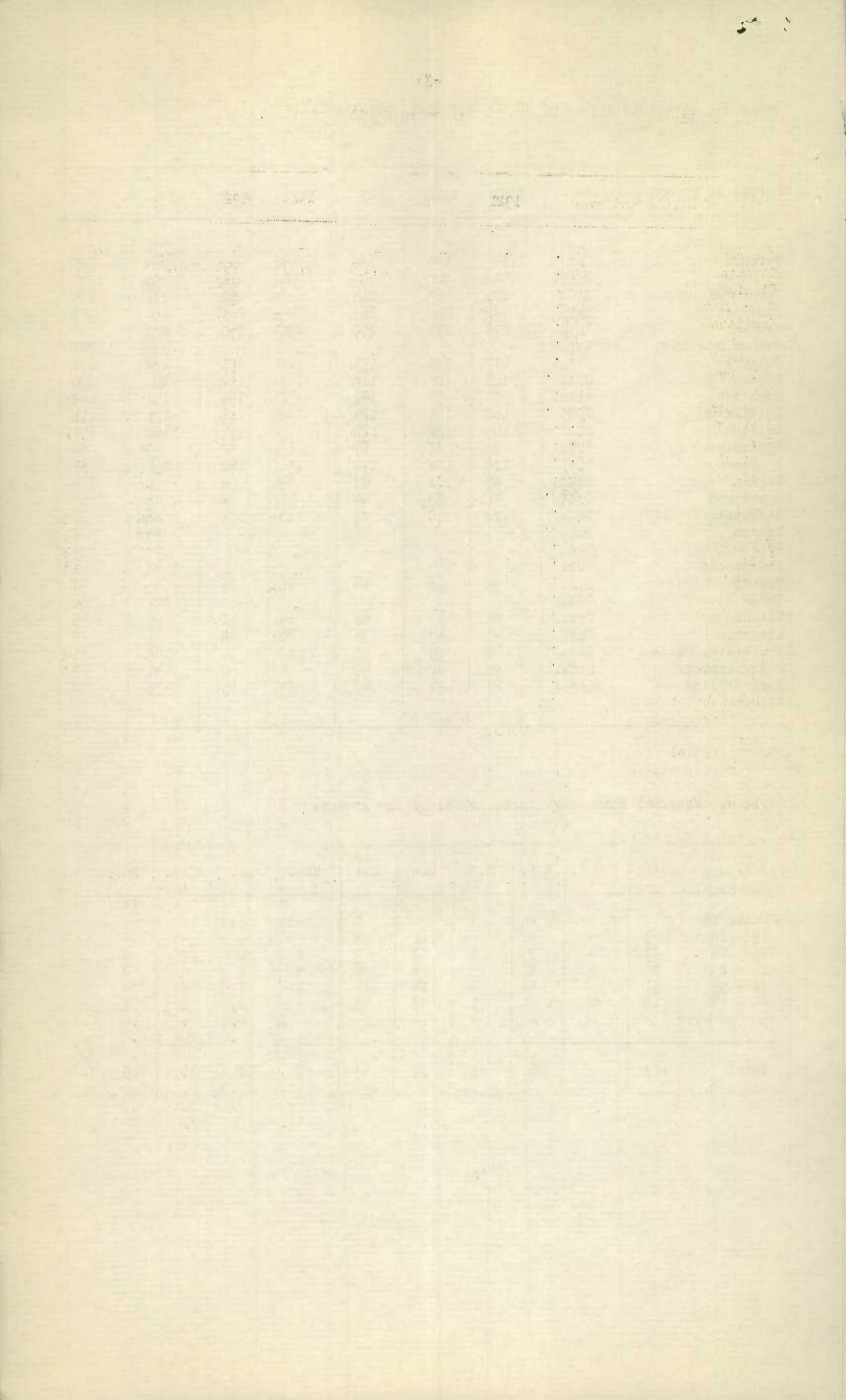


Table 5. Mortality of children under one year of age for certain principal causes of death by sex in each province, April, 1927.

Causes of death	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
7. Measles	M. 14 F. 8	- 1	- 1	2 1	9 3	1 1	- 1	- 1	1 -	1 1
9. Whooping cough	M. 27 F. 30	- 1	- 1	1 5	17 15	5 7	1 -	1 1	1 1	1 1
1-6, 8, 10, 12-30, 39-42, other epidemic, endemic and infec- tious diseases(1)	M. 27 F. 17	- 1	- 1	- 1	15 12	8 3	- 5	1 1	2 1	1 1
11. Influenza	M. 41 F. 31	- 1	- 1	2 6	17 11	5 2	5 1	5 1	4 3	1 1
31-37. Tuberculosis	M. 12 F. 15	- 1	- 1	1 1	6 10	- 1	1 1	1 1	2 1	1 1
38. Syphilis	M. 8 F. 5	- 1	- 1	- 1	5 4	3 1	- 1	- 1	- 1	- 1
71A. Meningitis(simple)	M. 17 F. 13	- 1	- 1	1 1	10 10	2 3	- 1	1 -	- 1	- 1
80. Convulsions	M. 35 F. 22	- 1	- 1	4 3	17 6	7 5	4 1	2 3	1 3	1 1
99. Bronchitis	M. 8 F. 7	- 1	- 1	1 -	4 3	3 3	- 1	- 1	- 1	- 1
100, 101 Pneumonia	M. 137 F. 99	- 1	- 1	9 5	14 7	44 37	41 25	12 5	7 9	4 4
113. Diarrhoea and enteritis	M. 125 F. 69	- 1	- 1	2 1	89 47	15 7	6 3	4 3	4 6	2 -
118. Hernia, Intestinal obstruction	M. 7 F. 4	- 1	- 1	- 1	3 2	1 1	- 1	2 -	1 1	- -
159. Congenital Malformations	M. 45 F. 40	- 1	- 1	1 3	11 8	22 15	3 1	4 6	- 5	1 1
160. Congenital debility	M. 121 F. 97	- 1	- 1	7 6	63 63	24 10	7 3	15 4	1 2	2 1
161. Premature birth, injury at birth	M. 307 F. 210	- 1	- 9	18 9	11 9	117 95	90 54	15 10	28 13	15 16
Other specified causes	M. 174 F. 125	- 2	- 2	5 15	11 57	72 26	49 4	10 6	10 6	10 11
204, 205, Unspecified or ill-defined causes	M. 10 F. 2	- -	- 1	2 1	1 1	1 -	- -	1 -	3 -	- -
Total males	1,115	7	57	53	500	277	64	82	45	30
Total females	794	4	36	52	384	164	30	51	57	16
Total both sexes	1,909	11	93	105	884	441	94	133	102	46
(1921)	84.3	100.5	85.0	91.7	-	87.2	78.5	73.2	98.3	61.4
Rate per 1,000	(1922)	99.0	55.8	104.6	92.2	-	97.6	111.0	113.5	104.7
living births	(1923)	98.3	101.2	104.2	117.7	-	94.7	90.0	105.7	67.9
(1924)	86.1	70.2	84.5	91.4	-	82.8	90.8	95.2	99.5	61.6
(1925)	80.2	43.5	106.5	91.6	-	72.7	89.2	99.0	78.5	45.5
(1926) (2)	114.5	146.7	92.2	124.7	148.8	89.4	112.9	97.1	93.0	57.2
(1927) (2)	93.8	(3)	98.6	108.2	117.7	74.5	75.8	77.7	85.7	61.0

(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.

(3) See footnote (2) Table 1.

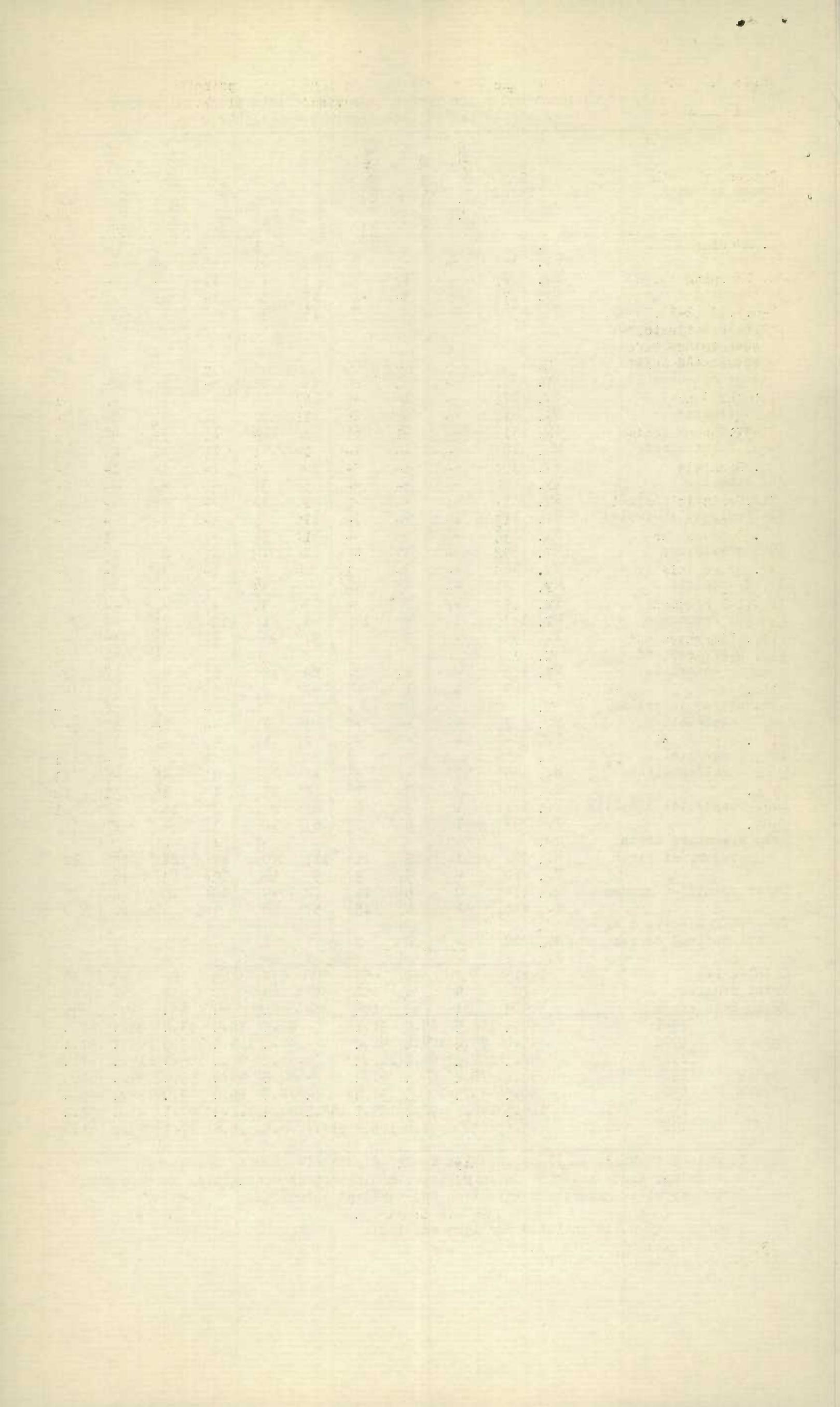


Table 6. Deaths from certain specified causes by provinces, April, 1927.

Causes of death	Total	P.E.	Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	
1. Typhoid fever	221	-	-	2	1	202	11	1	1	1	1	
7. Measles	67	1	4	5	79	7	4	3	4	-	4	
8. Scarlet fever	31	1	2	-	14	4	2	4	4	3	1	
9. Whooping cough	91	-	5	10	52	15	1	4	3	1	-	
10. Diphtheria	78	-	9	-	38	20	7	3	3	1	-	
11. Influenza	392	3	26	20	115	137	21	40	21	9	9	
31. Tuberculosis, respiratory system	640	4	52	40	278	131	36	26	29	44	44	
32-37. Tuberculosis, other organs	126	1	8	5	47	26	8	7	13	11	-	
43-49. Cancer	665	3	46	31	163	268	30	35	44	45	-	
57. Diabetes mellitus	90	-	8	2	25	39	5	4	4	3	3	
58. Anaemia chlorosis	78	-	2	2	22	34	4	6	2	6	-	
71. Meningitis	68	1	3	3	43	12	2	3	1	-	-	
74. Cerebral haemorrhage, apoplexy	253	6	16	20	40	118	13	14	10	16	-	
75-76. Paralysis	117	3	9	3	47	37	5	6	3	4	-	
80. Infantile convulsions (under 5 years of age)	74	-	7	1	32	14	5	8	4	3	-	
87-90. Diseases of the heart	1,002	13	71	38	232	483	40	38	41	46	-	
91. Diseases of the arteries	445	2	16	15	73	240	23	15	22	39	-	
99. Bronchitis	56	-	4	4	20	20	3	1	3	1	-	
100-101. Pneumonia	839	12	53	65	258	307	39	38	33	34	-	
113-114. Diarrhoea and enteritis	262	1	6	3	180	37	10	10	11	11	-	
117. Appendicitis	124	-	3	2	43	39	6	10	15	6	-	
118. Hernia, intestinal obstruction	82	-	1	3	26	26	4	7	8	7	-	
128-129. Nephritis	435	3	29	16	166	162	11	19	12	17	-	
135. Diseases of the prostate	57	1	-	3	14	25	4	2	3	5	-	
143-150. Puerperal causes	119	-	6	3	39	33	6	13	10	9	-	
159. Congenital malformations	92	1	3	5	22	40	4	10	5	2	-	
160-163. Diseases of early infancy	872	7	42	49	396	202	42	70	43	21	-	
164. Senility (old age)	231	12	26	31	61	78	2	10	8	3	-	
165-174. Suicides	72	1	3	3	8	29	4	10	7	7	-	
188A. Railroad accidents	29	-	3	2	2	10	1	1	5	5	-	
188B. Street car accidents	1	-	-	-	-	-	1	-	-	-	-	
188C. Automobile accidents	47	-	-	-	15	17	3	3	2	7	-	
188D-E-F. Other traffic accidents	16	-	-	-	6	3	1	1	-	5	-	
175-203. Violent deaths (suicides and traffic accidents excepted)	253	2	18	2	56	88	20	19	20	28	-	
All other causes	1,432	14	63	80	522	467	75	63	71	77	-	
Total	9,457	92	546	467	3,297	3,179	443	504	459	470	-	
(1921)	11.4	15.0	13.7	16.8	-	12.5	9.0	7.4	9.6	8.7	-	
(1922)	12.4	14.5	14.0	13.7	-	13.2	10.9	11.2	12.0	9.0	-	
Equivalent annual death rate per 1,000 population	(1923)	12.3	13.5	15.5	15.9	-	13.4	9.9	9.4	10.0	9.2	-
(1924)	11.3	11.9	12.9	13.7	-	12.3	9.3	9.4	9.0	9.7	-	
(1925)	11.0	14.1	13.6	14.1	-	11.9	9.7	8.2	8.7	9.2	-	
(1926 (1))	15.1	10.9	16.9	17.2	20.4	14.5	10.9	9.2	11.3	9.9	-	
(1927 (1))	12.1	12.9	12.2	13.8	15.4	12.1	8.3	7.3	9.1	9.9	-	

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

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

Causes of death

	Montreal	Toronto	Winnipeg	Vancouver	Hamilton	Ottawa	Quebec	Calgary	London	Edmonton	Halifax	St. John	Victoria	Judson	Regina
1. Typhoid fever	167	1													1
7. Measles	7	1													
8. Scarlet fever	3														
9. Whooping cough	11														
10. Diphtheria	13	10													
11. Influenza	14	16													
31. Tuberculosis, respiratory system	98	17													
32-37. Tuberculosis, other organs	12	5													
43-49. Cancer	56	52													
57. Diabetes mellitus	12	6													
58. Anaemia, chlorosis	5	7													
71. Meningitis	9	1													
74. Cerebral haemorrhage, apoplexy	13	18													
75-76. Paralysis	13	8													
80. Infantile convulsions (under 5 years of age)	8	1													
87-90. Diseases of the heart	78	83													
91. Diseases of the arteries	22	56													
99. Bronchitis	4	5													
100-101. Pneumonia	86	56													
113-114. Diarrhoea and enteritis	52	4													
117. Appendicitis	14	9													
118. Hernia, intestinal obstruction	11	7													
128-129. Nephritis	77	25													
135. Diseases of the prostate	4	5													
143-150. Puerperal causes	16	9													
159. Congenital malformations	6	7													
160-163. Diseases of early infancy	77	35													
164. Senility (old age)	5	7													
165-174. Suicides	5	5													
188A. Railroad accidents	-	-													
188B. Street car accidents	-	-													
188C. Automobile accidents	11	7													
188D-E-F. Other traffic accidents	2	-													
175-203. Violent deaths (suicides and traffic accidents excepted)	14	15	2	9	4	2	4	4	4	2	2	-	3	-	-
All other causes	165	98	35	28	20	24	23	13	18	12	14	13	4	12	6
Total	1,090	576	135	155	127	137	166	48	89	84	82	56	41	60	33

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

Number and rate -	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Total marriages -										
1921	4,009	29	271	255	-	2,077	357	346	353	321
1922	3,423	24	204	168	-	1,728	300	369	350	280
1923	3,707	21	217	226	-	1,901	336	376	341	289
1924	3,580	16	199	190	-	1,962	266	322	306	319
1925	3,471	21	185	200	-	1,872	256	303	296	338
1926 (1)	4,946	29	142	205	1,494	1,775	265	380	331	325
1927 (1)	4,742	20	175	178	1,368	1,716	274	317	314	380
Equivalent annual rate per 1,000 population										
1921	7.6	4.0	6.3	8.2	-	8.6	7.1	5.6	7.3	7.4
1922	6.4	3.3	4.7	5.2	-	7.1	5.9	5.8	7.2	5.3
1923	6.9	2.9	5.0	7.0	-	7.6	6.6	5.8	7.0	6.3
1924	6.6	2.2	4.5	5.8	-	7.8	5.2	4.9	6.2	7.0
1925	6.3	2.9	4.2	6.0	-	7.3	4.9	4.6	6.0	7.3
1926 (1)	6.4	4.1	3.2	6.1	7.1	6.9	5.0	5.6	6.6	7.0
1927 (1)	6.1	2.8	3.9	5.3	6.4	5.6	5.2	4.6	6.2	6.0

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

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