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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

DEMOGRAPHY BRANCH

PRELIMINARY MONTHLY REPORT

VITAL STATISTICS

APRIL 1928

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DOMINION BUREAU OF STATISTICS

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This bulletin gives a preliminary report on Births, Deaths and Marriages for the month of April, 1928, for the nine provinces of Canada.

In comparing the figures for April, 1928, 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 1928 are provisional. Attention is further directed to the fact that previous to 1926 the province of Quebec was not included in the Registration Area.

BIRTHS

The total number of births reported for the nine provinces of Canada in April, 1928, was 19,847, as against 20,929 for April of last year. The only provinces which showed an increase were Manitoba and Saskatchewan.

There were altogether 20,221 confinements. Single confinements numbered 19,936, resulting in 19,317 children born alive and 619 children born dead. Twin births numbered 284; in 250 cases both infants were born alive while in 27 cases one only was born alive and in 7 cases both were born dead. There was one set of triplets in which all the children were born alive.

Stillbirths reported in April were distributed as follows: Prince Edward Island 3; Nova Scotia 23; New Brunswick 15; Quebec 22⁴; Ontario 24⁴; Manitoba 41; Saskatchewan 44; Alberta 34; British Columbia 31; making a total of 660. 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 6.6 for April, 1928. The rates for the same month in the preceding years were as follows: 1927, 6.0; 1926, 6.6; 1925, 7.1; 1924, 6.4; 1923, 5.8; 1922, 4.7; and 1921, 6.6. As already indicated the province of Quebec previous to 1926 was not included in the Registration Area.

INFANT MORTALITY - In Table 5 mortality of children under one year of age is given for the principal causes of death. Of the total of infant deaths reported for April, 85 per cent were attributable to the causes of death listed in the table. The mortality among male children under one year of age was 103.6 per 1,000 males born alive, while mortality among females was 81.5 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.

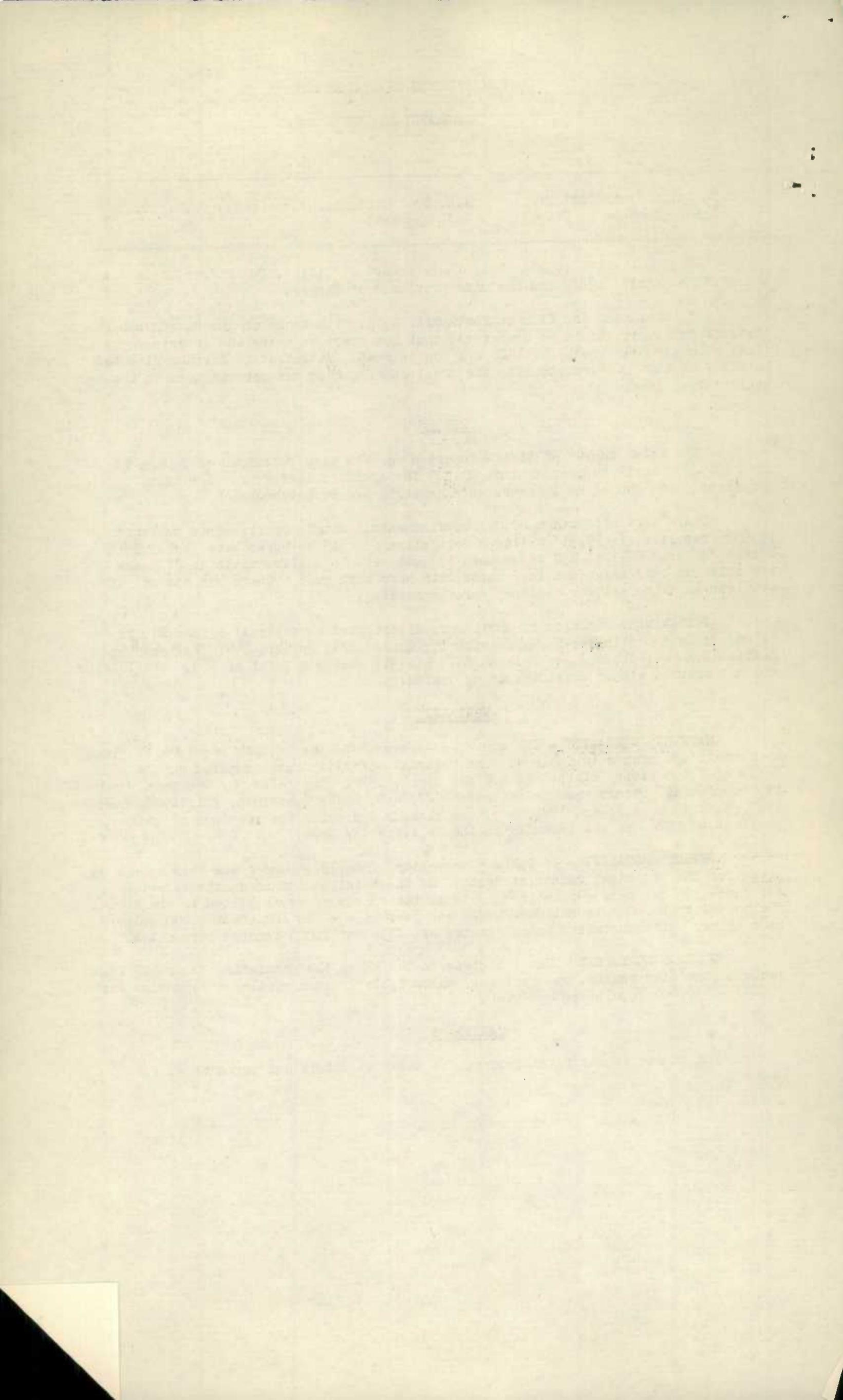


Table 1. Living births by provinces in April, 1921-28.

Year	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1921	14,767	189	1,094	1,014	(1)	6,603	1,656	1,886	1,445	880
1922	13,986	197	1,090	1,063	(1)	5,767	1,504	1,992	1,480	893
1923	13,602	168	950	994	(1)	6,105	1,466	1,798	1,252	869
1924	13,742	171	1,042	996	(1)	6,232	1,355	1,922	1,196	828
1925	13,605	138	1,052	1,048	(1)	6,135	1,278	1,737	1,338	879
1926	21,064	150	954	986	7,754	5,995	1,275	1,803	1,291	856
1927	20,929	149	974	1,009	7,643	6,024	1,241	1,784	1,299	806
1928	19,847	123	908	902	7,199	5,578	1,355	1,807	1,192	783
Equivalent annual birth rate per 1,000 population										
1921	28.0	25.9	25.4	32.5	(1)	27.4	33.0	30.3	29.9	20.4
1922	26.2	27.1	25.1	33.0	(1)	23.5	29.7	31.4	30.4	20.2
1923	25.2	23.2	21.7	30.6	(1)	24.5	28.7	27.9	25.6	19.1
1924	25.2	23.7	23.8	30.5	(1)	24.8	26.4	29.4	24.4	18.3
1925	24.6	19.3	23.8	31.6	(1)	24.1	24.6	26.1	27.0	19.1
1926	27.3	21.0	21.5	29.5	36.8	23.2	24.3	26.7	25.8	18.3
1927	26.8	20.8	21.8	29.9	35.7	23.0	23.3	26.0	25.6	17.1
1928	25.1	17.4	20.3	26.5	33.2	21.1	25.2	25.9	23.0	16.4
(1) Not included in Registration Area										

Table 2. Living births classified according to sex and whether single or plural, April, 1928.

Province	Total	Male	Female	Single Births	Pairs of Twins	No. Triplets
P.E. Island	123	59	64	121	1	-
Nova Scotia	908	438	470	892	8	-
New Brunswick	902	461	441	870	16	-
Quebec	7,199	3,716	3,483	7,019	90	-
Ontario	5,578	2,872	2,706	5,457	59	1
Manitoba	1,355	683	672	1,307	24	-
Saskatchewan	1,807	926	881	1,751	28	-
Alberta	1,192	626	566	1,164	14	-
British Columbia	783	389	394	763	10	-
Total	19,847	10,170	9,677	19,344	258	1

Table 3. Births in cities of 20,000 and over, April, 1921-28.

Cities of 20,000 and over		1921	1922	1923	1924	1925	1926	1927	1928
Montreal	Que.	(1)	(1)	(1)	(1)	(1)	1,737	1,711	1,636
Toronto	Ont.	1,145	999	1,131	1,074	991	1,009	979	838
Winnipeg	Man.	553	506	453	424	432	386	384	424
Vancouver	B.C.	279	263	264	240	263	228	235	200
Hamilton	Ont.	282	262	263	243	261	214	258	238
Ottawa	Ont.	294	279	291	250	265	259	252	258
Quebec	Que.	(1)	(1)	(1)	(1)	(1)	395	383	384
Calgary	Alta.	217	171	151	120	151	132	137	148
London	Ont.	128	108	114	127	112	127	113	107
Edmonton	Alta.	204	197	141	150	192	151	192	178
Halifax	N.S.	160	149	126	133	116	118	115	102
St. John	N.B.	105	122	124	120	117	100	111	98
Victoria	B.C.	88	83	67	65	57	69	55	65
Windsor	Ont.	118	108	138	150	163	150	186	140
Regina	Sask.	99	108	87	99	56	90	114	123
Brantford	Ont.	71	63	44	60	32	35	62	53
Saskatoon	Sask.	70	102	79	83	71	86	85	80
Verdun	Que.	(1)	(1)	(1)	(1)	(1)	83	86	88
Hull	Que.	(1)	(1)	(1)	(1)	(1)	77	100	54
Sherbrooke	Que.	(1)	(1)	(1)	(1)	(1)	48	63	66
Sydney	N.S.	35	46	46	46	26	45	37	39
Three Rivers	Que.	(1)	(1)	(1)	(1)	(1)	127	107	119
Kitchener	Ont.	55	47	66	64	52	65	60	64
Kingston	Ont.	45	43	38	66	48	41	45	42
Sault Ste. Marie	Ont.	62	59	52	53	50	45	62	61
Peterborough	Ont.	50	42	40	44	52	47	48	50
Fort William	Ont.	63	51	66	58	69	55	52	86

(1) Not included in Registration Area.

Table 4. Maternal Mortality, April, 1928 by age groups.

Age Groups	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Under 15	-	-	-	-	-	-	-	-	-	-
15 - 19	8	-	-	-	1	4	-	2	-	1
20 - 24	19	-	1	1	5	7	2	1	2	-
25 - 29	31	-	1	-	14	8	-	4	2	2
30 - 39	58	-	2	2	23	18	4	7	1	1
40 - 49	14	-	1	3	-	4	1	3	1	1
50 and over	-	-	-	-	-	-	-	-	-	-
Total	130	-	5	6	43	41	7	17	6	5

Table 5. Mortality of children under one year of age for certain principal causes of death by sex in each province, April, 1928.

Causes of death	Total	M	F	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
7. Measles	6	5	1	-	1	1	6	-	1	1	1	1
9. Whooping cough	15	15	1	1	1	1	9	9	1	1	1	1
1-6,8,10,12-30,39-42, other epidemic, endemic and infectious diseases (1)	20	14	2	2	2	2	7	9	1	1	1	1
11. Influenza	15	14	1	1	1	1	10	4	1	1	1	1
31-37. Tuberculosis	31	31	1	1	1	1	16	3	1	1	1	1
38. Syphilis	7	4	1	1	1	1	3	1	1	1	1	1
71A. Meningitis (Simple)	16	14	1	1	1	1	15	1	1	1	1	1
80. Convulsions	17	11	2	2	2	2	4	2	1	1	1	1
99. Bronchitis	10	5	1	1	1	1	2	1	1	1	1	1
100. 101. Pneumonia	145	133	6	6	3	5	74	27	9	6	4	5
113. Diarrhoea and enteritis	132	83	6	1	2	2	102	9	2	6	4	1
118. Hernia, Intestinal obstruction	9	1	1	1	1	1	2	1	1	1	5	1
159. Congenital Malformations	61	48	1	1	3	2	22	17	3	7	2	4
160. Congenital debility	127	96	8	6	5	5	19	16	3	5	5	1
161. Premature birth injury at birth	261	208	1	1	9	5	102	73	12	33	21	5
Other specified causes	169	104	1	2	12	5	79	49	16	21	14	11
204,205. Unspecified or ill-defined causes	4	2	1	1	3	1	1	1	1	1	1	1
Total males	1,054	789	3	3	47	39	543	205	43	80	62	32
Total females					32	30	390	169	45	58	37	25
Total both sexes	1,843		6		79	69	933	374	88	138	99	57
(1921	84.3	100.5	85.0	91.7	(2)	87.2	78.5	73.2	98.3	61.4		
Rate per 1,000	(1922	99.0	55.8	104.6	92.2	(2)	97.6	111.0	113.5	104.7	57.1	
living births	(1923	98.3	101.2	104.2	117.7	(2)	94.7	90.0	105.7	115.8	67.9	
	(1924	86.1	70.2	84.5	91.4	(2)	82.8	90.8	95.2	99.5	61.6	
	(1925	80.2	43.5	106.5	91.6	(2)	72.7	89.2	99.0	78.5	45.5	
	(1926	114.5	146.7	92.2	124.7	148.8	89.4	112.9	97.1	93.0	57.2	
	(1927	92.5	80.5	95.5	110.0	116.2	73.4	75.7	77.9	84.7	58.3	
	(1928	92.9	48.8	87.0	76.5	129.6	67.0	64.9	76.4	83.1	72.8	

(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) Not included in Registration Area.

Table 6. Deaths from certain specified causes by provinces, April, 1928.

Causes of Death	Total	P.E.I.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	
1. Typhoid fever	32	-	-	18	8	1	1	3	1	1	
7. Measles	54	1	1	41	6	1	3	-	-	1	
8. Scarlet fever	34	-	2	1	8	2	3	-	-	1	
9. Whooping cough	59	-	6	1	29	12	3	4	4	-	
10. Diphtheria	57	-	7	9	23	8	2	1	4	3	
11. Influenza	374	4	25	23	128	130	11	23	21	9	
31. Tuberculosis, respiratory system	610	6	37	29	289	126	29	16	25	53	
32-37. Tuberculosis, other organs	138	-	11	7	49	36	9	8	8	10	
43-49. Cancer	656	5	43	33	147	272	43	40	32	41	
57. Diabetes mellitus	92	1	3	2	28	36	6	1	8	7	
58. Anaemia chlorosis	78	-	3	5	20	36	1	4	5	4	
71. Meninitis	67	1	3	4	43	7	-	2	3	4	
74. Cerebral haemorrhage, apoplexy	278	5	22	14	49	131	20	11	8	18	
75-76. Paralysis	87	2	5	2	41	25	1	3	3	5	
80. Infantile convulsions (under 5 years of age)	39	1	5	2	12	12	3	1	2	1	
87-90. Diseases of the heart	1,091	8	78	49	250	501	64	51	45	45	
91. Diseases of the arteries	523	3	25	17	87	293	27	16	16	39	
99. Bronchitis	45	-	2	1	14	11	7	5	2	3	
100-101. Pneumonia	893	8	45	35	350	283	45	49	37	41	
113-114. Diarrhoea and enteritis	280	-	10	2	206	32	6	13	6	5	
117. Appendicitis	103	1	4	4	29	31	7	12	11	4	
118. Hernia, intestinal obstruction	66	-	3	2	22	14	4	8	9	4	
128-129. Nephritis	496	2	30	14	197	162	19	21	15	36	
135. Diseases of the prostate	59	-	1	2	16	32	1	-	3	4	
143-150. Puerperal causes	130	-	5	6	43	41	7	17	6	5	
159. Congenital malformations	119	1	4	3	47	35	7	12	5	5	
160-163. Diseases of early infancy	814	4	39	30	370	180	42	77	50	22	
164. Senility (old age)	187	5	38	26	44	48	7	7	4	8	
165-174. Suicides	65	-	4	5	8	19	3	4	10	12	
188A. Railroad accidents	28	-	2	1	8	12	-	-	2	3	
188B. Street car accidents	7	-	-	-	3	2	1	-	-	1	
188C. Automobile accidents	47	-	-	-	12	18	5	6	2	4	
188D-E-F. Other traffic accidents	28	-	-	1	3	5	4	1	6	8	
175-203. Violent deaths (suicides and traffic accidents excepted)	271	-	18	7	61	95	20	18	17	35	
All other causes	1,315	10	49	59	444	448	72	80	59	94	
Total	9,222	68	530	396	3,148	3,115	480	518	431	536	
(1921)	11.4	15.0	13.7	16.8	(1)	12.5	9.0	7.4	9.6	8.7	
(1922)	12.4	14.5	14.0	13.7	(1)	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	(1)	13.4	9.9	9.4	10.0	9.2
(1924)	11.3	11.9	12.9	13.7	(1)	12.3	9.3	9.4	9.0	9.7	
(1925)	11.0	14.1	13.6	14.1	(1)	11.9	9.7	8.2	8.7	9.2	
(1926)	15.1	10.9	16.9	17.2	20.4	14.5	10.9	9.2	11.3	9.9	
(1927)	12.3	14.1	12.4	14.3	15.5	12.2	8.3	7.6	9.5	10.1	
(1928)	11.7	9.6	11.8	11.6	14.5	11.8	8.9	7.4	8.3	11.2	

(1) Not included in Registration Area.

Table 7. Deaths by certain specified causes in cities of 30,000 and over, April, 1928.

Causes of death

	Montreal	Toronto	Winnipeg	Vancouver	Hamilton	Ottawa	Quebec	Calgary	London	Edmonton	Halifax	St. John	Victoria	Windsor	Regina
1. Typhoid fever	2	1	1	1	2	-	-	-	-	1	-	-	-	-	-
7. Measles	25	1	-	-	-	1	-	-	2	4	-	1	-	-	1
8. Scarlet fever	4	1	-	-	1	1	-	-	-	-	-	1	-	-	-
9. Whooping cough	3	3	1	-	-	5	-	-	-	-	-	4	-	-	-
10. Diphtheria	11	2	2	1	-	1	3	2	-	-	2	1	1	-	-
11. Influenza	18	14	2	2	2	5	10	5	5	4	1	1	-	5	1
31. Tuberculosis, respiratory system	103	14	5	14	3	6	11	-	7	6	7	2	7	1	1
32-37. Tuberculosis, other organs	17	6	6	4	5	1	4	1	-	2	3	2	4	2	2
43-49. Cancer	65	66	18	15	13	15	12	7	11	6	5	3	4	5	6
57. Diabetes mellitus	13	7	3	3	1	1	2	1	2	2	-	-	-	-	-
58. Anaemia, chlorosis	4	4	-	1	1	-	-	-	1	1	1	2	1	2	-
71. Meningitis	6	1	-	2	-	1	4	1	-	1	1	1	1	-	1
74. Cerebral haemorrhage, apoplexy	17	27	6	9	7	6	5	2	3	3	4	2	3	1	1
75-76. Paralysis	6	4	1	-	1	-	-	-	3	-	-	-	-	-	-
80. Infantile convulsions (Under 5 years of age)	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-
87-90. Diseases of the heart	84	78	26	7	16	25	12	10	18	4	5	11	7	6	5
91. Diseases of the arteries	30	71	10	17	9	8	3	4	10	-	4	2	3	8	1
99. Bronchitis	6	3	-	1	-	-	1	-	-	-	-	-	-	1	-
100-101. Pneumonia	168	76	13	13	13	7	23	6	8	3	4	6	1	9	4
113-114. Diarrhoea and enteritis	77	1	-	1	3	1	11	-	-	-	2	-	1	1	-
117. Appendicitis	5	7	4	3	-	4	4	3	-	2	-	1	3	3	3
118. Hernia, intestinal obstruction	10	3	1	-	1	3	3	2	-	1	1	1	2	1	2
128-129. Nephritis	85	31	6	12	4	8	11	2	11	4	8	1	2	4	2
135. Diseases of the prostate	2	13	-	2	1	1	3	2	2	-	-	1	1	-	-
143-150. Puerperal causes	10	10	2	-	3	4	6	1	-	1	1	-	1	2	2
159. Congenital malformations	13	4	1	-	1	2	5	1	-	1	2	-	-	-	1
160-163. Diseases of early infancy	76	27	13	5	4	3	22	7	-	3	2	3	2	3	4
164. Senility (old age)	7	4	3	-	1	3	3	-	1	1	1	1	1	-	-
165-174. Suicides	6	5	3	5	2	-	-	2	1	-	1	1	2	-	-
188A. Railroad accidents	1	-	-	1	1	-	-	-	-	-	-	-	-	1	-
188B. Street car accidents	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-
188C. Automobile accidents	8	5	4	2	1	-	1	1	1	-	-	-	-	-	1
188D-E-F. Other traffic accidents	1	-	2	1	2	-	-	1	-	1	-	-	-	-	-
175-203. Violent deaths (suicides and traffic accidents excepted)	21	13	5	5	6	2	3	1	7	1	2	1	2	2	-
All other causes	153	106	28	26	25	32	34	22	12	9	7	7	8	10	5
Total	1,060	608	168	154	130	145	198	85	105	59	63	54	45	68	42

Table 8. Marriages reported in April, 1921-28.

Number and rate	Total	E.I.	T.S.	M.B.	Que.	Ont.	Man.	Sask.	Alta.	F.C.
Total marriages -										
1921	4,009	29	271	255	(1)	2,077	357	346	353	321
1922	3,423	24	204	168	(1)	1,728	300	369	350	280
1923	3,707	21	217	226	(1)	1,901	336	376	341	289
1924	3,580	16	199	190	(1)	1,962	266	322	306	319
1925	3,471	21	185	200	(1)	1,872	256	303	296	338
1926	4,946	29	142	205	1,494	1,775	265	380	331	325
1927	4,775	20	175	178	1,377	1,717	274	326	328	380
1928	5,449	17	217	196	1,470	1,921	325	483	405	415
Equivalent annual rate per 1,000 population										
1921	7.6	4.0	6.3	8.2	(1)	8.6	7.1	5.6	7.3	7.4
1922	6.4	3.3	4.7	5.2	(1)	7.1	5.9	5.8	7.2	6.3
1923	6.9	2.9	5.0	7.0	(1)	7.6	6.6	5.8	7.0	6.3
1924	6.6	2.2	4.5	5.8	(1)	7.8	5.2	4.9	6.2	7.0
1925	6.3	2.9	4.2	6.0	(1)	7.3	4.9	4.6	6.0	7.3
1926	6.4	4.1	3.2	6.1	7.1	6.9	5.0	5.6	6.6	7.0
1927	6.1	2.8	3.9	5.3	6.4	6.6	5.2	4.7	6.5	8.0
1928	6.9	2.4	4.8	5.8	6.8	7.3	6.1	6.9	7.6	8.7

(1) Not included in Registration Area.

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