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DEMOGRAPHY BRANCH

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VITAL STATISTICS

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## 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 May, 1929, for the nine provinces of Canada.

In comparing the figures for May, 1929, 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 1929 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 May, 1929, was 20,302, as against 21,046 for May of last year. The only provinces which showed increases were Nova Scotia and Manitoba.

There were altogether 20,659 confinements. Single confinements numbered 20,378, resulting in 19,775 children born alive and 603 children born dead. Twin births numbered 278; in 253 cases both infants were born alive while in 13 cases one only was born alive and in 12 cases both were born dead. There were three sets of triplets; in two cases all the children were born alive and in one case two children were born alive and one dead.

Stillbirths reported in May were distributed as follows: Prince Edward Island 3; Nova Scotia 20; New Brunswick 27; Quebec 189; Ontario 252; Manitoba 46; Saskatchewan 43; Alberta 25; British Columbia 26; making a total of 641. Stillbirths are not counted either as births or 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 5.4 for May, 1929. The rates for the same month in the preceding years were as follows: 1928, 5.3; 1927, 5.7; 1926, 5.6; 1925, 5.2; 1924, 6.3; 1923, 5.5; 1922, 5.7; and 1921, 5.0. 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 number of infant deaths reported for May, 86 per cent were attributable to the causes of death listed in the table. The mortality amongst children under one year of age was 91.5 per 1,000 live births; the rate for males was 101.6 per 1,000 and for females 81.2 per 1,000.

**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 May, 1921-29.

Year	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1921	14,941	187	1,101	981	(1)	6,773	1,560	1,327	1,480	932
1922	14,285	180	1,114	976	(1)	6,221	1,553	1,969	1,369	903
1923	13,809	187	993	923	(1)	6,218	1,421	1,875	1,363	829
1924	13,848	159	1,068	1,016	(1)	6,308	1,308	1,813	1,295	881
1925	13,929	154	1,021	1,000	(1)	6,466	1,317	1,842	1,258	871
1926	20,706	138	959	958	7,305	6,248	1,250	1,726	1,290	832
1927	21,012	137	985	979	7,785	5,926	1,182	1,806	1,346	866
1928	21,046	155	885	940	7,539	6,144	1,189	1,857	1,435	902
1929	20,302	139	958	889	7,297	5,908	1,224	1,774	1,238	875

Equivalent annual birth rate per 1,000 population.

1921	27.5	24.8	24.7	30.4	(1)	27.2	30.1	30.0	29.6	20.9
1922	25.8	24.0	24.8	29.3	(1)	24.6	29.7	30.1	27.2	19.7
1923	24.7	25.0	22.0	27.5	(1)	24.2	26.9	28.2	26.9	17.6
1924	24.6	21.3	23.6	30.1	(1)	24.3	24.6	26.9	25.5	18.8
1925	24.3	20.8	22.4	29.2	(1)	24.5	24.5	26.8	24.6	18.3
1926	26.0	18.7	20.9	27.7	33.6	23.4	23.0	24.8	25.0	17.2
1927	26.0	18.5	21.4	28.0	35.2	21.9	21.5	25.4	25.7	17.7
1928	25.8	21.3	19.1	26.8	33.6	22.5	21.4	25.8	26.8	18.3
1929	24.4	19.0	20.5	25.0	31.9	21.3	21.7	24.1	22.6	17.4

(1) Not included in Registration Area.

Table 2. Living Births Classified According to Sex and whether Single or Plural, May, 1929.

Province	Total	Male	Female	Single Births	Pairs of Twins	No. Triplets
P.E. Island	139	80	59	133	3	-
Nova Scotia	958	497	461	944	7	-
New Brunswick	889	442	447	867	11	-
Quebec	7,297	3,714	3,583	7,125	86	-
Ontario	5,908	2,980	2,928	5,756	76	-
Manitoba	1,224	593	631	1,188	18	-
Saskatchewan	1,774	919	855	1,720	27	-
Alberta	1,238	640	598	1,204	14	2
British Columbia	875	425	450	853	11	-
T O T A L	20,302	10,290	10,012	19,790	253	2



Table 3. Births in Cities of 20,000 and over, May, 1921-29.

Cities of 20,000 and over		1921	1922	1923	1924	1925	1926	1927	1928	1929
Montreal	Que.	(1)	(1)	(1)	(1)	(1)	1,702	1,737	1,771	1,689
Toronto	Ont.	1,215	1,054	1,135	1,095	1,141	1,042	1,003	1,090	1,121
Winnipeg	Man.	547	490	475	401	430	360	390	392	399
Vancouver	B.C.	276	274	242	268	283	271	276	335	311
Hamilton	Ont.	302	282	290	256	268	262	226	253	257
Ottawa	Ont.	287	297	258	274	274	244	232	283	245
Quebec	Que.	(1)	(1)	(1)	(1)	(1)	353	370	414	395
Calgary	Alta.	161	184	143	141	125	124	135	164	191
London	Ont.	159	130	121	131	108	96	112	148	111
Edmonton	Alta.	203	162	136	157	157	187	184	184	181
Halifax	N.S.	159	159	132	125	133	122	137	125	129
St. John	N.B.	102	102	109	111	114	94	95	92	108
Victoria	B.C.	82	72	64	75	75	57	62	59	66
Windsor	Ont.	131	117	149	151	168	214	178	140	136
Regina	Sask.	106	97	79	81	105	97	104	117	111
Brantford	Ont.	84	62	58	55	47	54	60	60	59
Saskatoon	Sask.	73	87	61	88	73	77	97	83	79
Verdun	Que.	(1)	(1)	(1)	(1)	(1)	74	77	90	108
Hull	Que.	(1)	(1)	(1)	(1)	(1)	93	111	86	76
Sherbrooke	Que.	(1)	(1)	(1)	(1)	(1)	53	62	53	80
Sydney	N.S.	33	47	42	41	41	47	46	41	38
Three Rivers	Que.	(1)	(1)	(1)	(1)	(1)	117	132	124	113
Kitchener	Ont.	61	61	59	59	66	55	68	56	68
Kingston	Ont.	56	44	47	41	47	48	42	46	51
Sault Ste. Marie	Ont.	82	55	50	68	63	51	62	65	45
Peterborough	Ont.	40	51	34	45	53	43	48	59	54
Fort William	Ont.	56	66	55	71	74	62	45	70	60

(1) Not included in Registration Area.

Table 4. Maternal Mortality, May, 1929, by age groups.

Age Groups	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Under 15	1	-	-	-	1	-	-	-	-	-
15 - 19	2	-	-	-	1	-	-	-	1	-
20 - 24	24	-	-	-	7	11	-	3	2	1
25 - 29	27	-	2	1	6	8	1	3	2	4
30 - 39	45	-	1	2	19	11	2	6	-	4
40 - 49	10	-	-	-	4	3	-	2	1	-
50 and over	-	-	-	-	-	-	-	-	-	-
<b>T O T A L</b>	<b>109</b>	-	<b>3</b>	<b>3</b>	<b>38</b>	<b>33</b>	<b>3</b>	<b>14</b>	<b>6</b>	<b>9</b>



Table 5. Mortality of Children under One year of Age for Certain Principal Causes of Death by Sex in each Province, May, 1929.

Causes of Death	Total	Provinces								Alberta	British Columbia	
		P.E.I.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan				
7. Measles	M. 8 F. 11	-	-	-	3	2	1	-	1	2	1	
9. Whooping cough	M. 12 F. 20	-	1	1	5	2	2	1	1	3	-	
1-6,8,10,12-30,39-42 Other epidemic, endemic and infectious diseases(1)	M. 26 F. 17	-	1	-	9	8	2	3	2	-	1	
11. Influenza	M. 36 F. 24	-	3	3	18	6	2	2	2	1	-	
31.-37. Tuberculosis	M. 16 F. 9	-	-	1	9	2	1	2	1	-	-	
38. Syphilis	M. 5 F. 8	-	-	-	2	1	1	-	-	-	1	
71A. Meningitis(Simple)	M. 14 F. 15	-	-	-	11	1	-	-	2	-	-	
80. Convulsions	M. 19 F. 15	-	1	1	8	3	-	-	1	3	-	
99. Bronchitis	M. 10 F. 5	-	3	-	6	4	3	1	2	2	1	
100. 101. Pneumonia	M. 109 F. 100	1	4	3	54	29	4	8	2	4	3	
113. Diarrhoea and enteritis	M. 128 F. 88	1	2	-	93	18	2	5	7	12	-	
116. Hernia, Intestinal obstruction	M. 5 F. 4	-	-	-	2	3	-	-	2	-	-	
159. Congenital malformations	M. 64 F. 49	2	3	2	16	26	3	7	4	-	1	
160. Congenital debility	M. 153 F. 104	-	9	7	96	22	10	5	2	2	2	
161. Premature birth injury at birth	M. 294 F. 217	1	13	14	103	94	19	23	18	9	7	
Other specified causes	M. 135 F. 124	3	4	17	50	34	9	10	6	2	2	
204-205. Unspecified or ill-defined causes	M. 11 F. 3	-	-	4	3	2	1	1	-	-	-	
Total Males	1,545	8	42	54	481	258	60	68	53	21	-	
Total Females	813	5	30	40	365	213	33	63	43	17	-	
Total Both Sexes	1,858	13	73	94	846	471	93	131	96	38	-	
(1921)	73.8	64.2	71.8	95.8	(2)	73.1	76.3	66.4	85.1	52.6	-	
Rate per 1,000 living births	(1922)	75.4	100.0	81.7	83.0	(2)	72.7	76.0	70.6	90.6	59.8	-
(1923)	65.6	58.8	94.7	99.7	(2)	83.9	78.8	89.6	91.7	70.0	-	
(1924)	77.5	69.2	75.8	75.8	(2)	77.0	94.0	76.1	81.1	57.9	-	
(1925)	76.0	84.4	78.4	96.0	(2)	67.6	90.4	85.2	89.8	49.4	-	
(1926)	105.5	94.2	92.3	110.6	144.7	80.3	84.0	90.4	76.7	68.5	-	
(1927)	87.2	51.1	79.2	89.9	115.1	67.8	58.4	77.5	70.6	65.8	-	
(1928)	88.1	51.6	72.3	86.2	122.7	70.3	68.1	61.4	80.8	39.9	-	
(1929)	91.5	93.5	79.3	105.7	115.9	79.7	76.0	73.8	77.5	43.4	-	

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

(2) Not included in Registration Area.

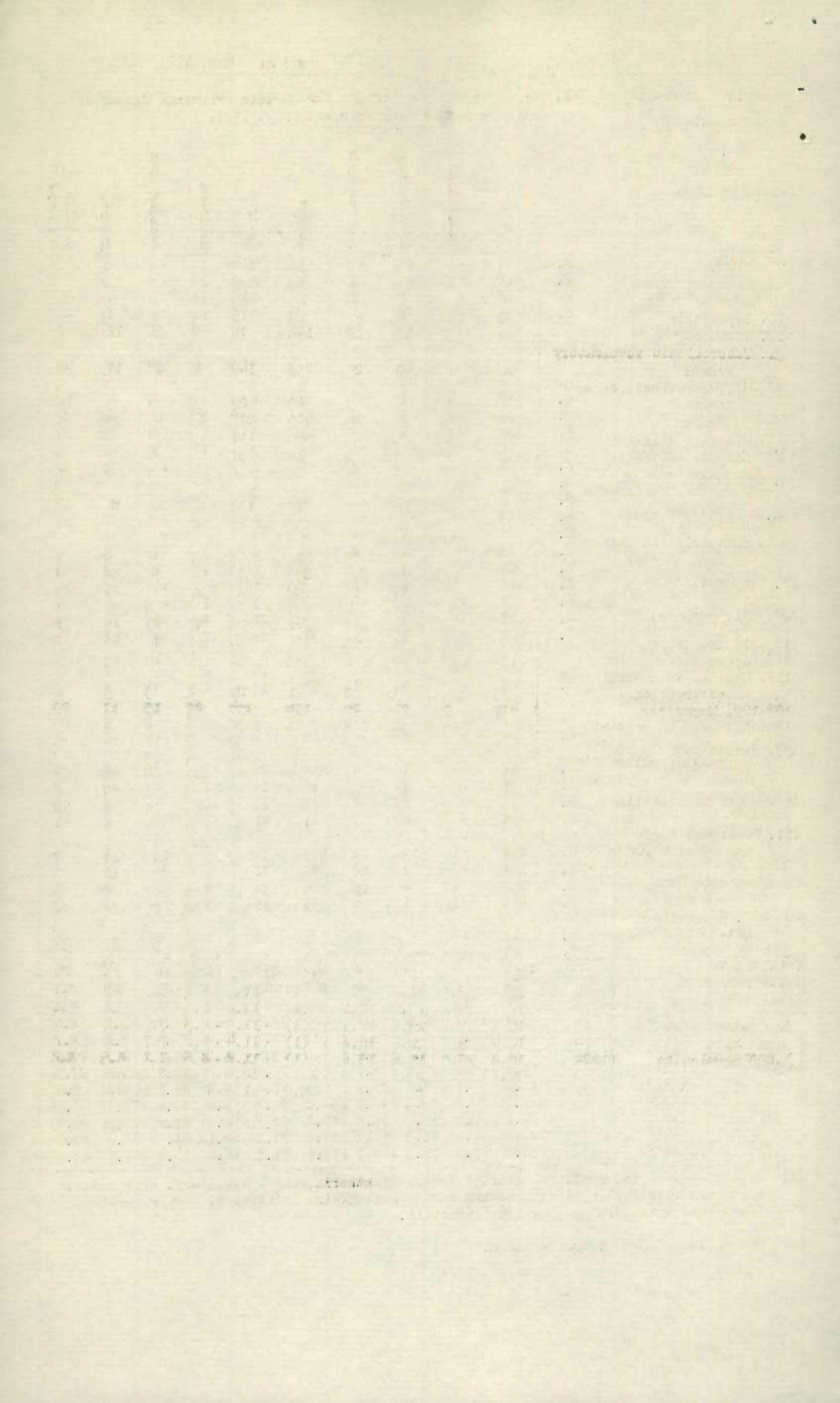


Table 6. Deaths from Certain Specified Causes by Provinces, May, 1929.

Causes of Death	Total	P.E. Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1. Typhoid fever	42	-	1	1	24	8	5	2	2	-
7. Measles	63	-	2	3	30	14	22	8	8	3
8. Scarlet fever	48	1	3	2	20	8	6	5	3	-
9. Whooping cough	53	1	7	2	16	16	5	2	5	1
10. Diphtheria	71	1	2	-	32	19	5	4	8	1
11. Influenza	301	3	17	12	142	78	8	21	12	8
31. Tuberculosis respiratory system	586	6	40	25	253	143	35	22	17	45
32.-37. Tuberculosis, other organs	144	1	9	9	68	29	5	4	9	10
45-49. Cancer	740	6	51	29	190	272	62	44	34	52
57. Diabetes mellitus	101	1	5	-	30	41	9	4	4	7
58. Anaemia chlorosis	62	1	3	3	12	31	3	3	5	1
71. Meningitis	96	2	3	4	65	10	3	3	4	2
74. Cerebral haemorrhage, apoplexy	252	3	18	7	64	113	13	10	12	12
75-76. Paralysis	94	-	1	3	53	25	-	6	4	2
80. Infantile convulsions (Under 5 years of age)	50	-	6	1	18	8	6	5	5	1
87-90. Diseases of the heart	1,199	10	72	40	293	539	72	58	38	77
91. Diseases of the arteries	526	2	32	16	82	285	20	23	21	45
99. Bronchitis	50	2	3	4	21	9	5	3	2	1
100-101. Pneumonia	774	4	51	37	288	228	47	43	45	31
113-114. Diarrhoea and enteritis	290	1	8	3	195	54	6	12	10	1
117. Appendicitis	130	1	4	8	43	31	4	14	16	9
118. Hernia, intestinal obstruction	73	-	3	2	22	28	4	3	5	6
128-129. Nephritis	479	9	22	20	194	154	25	15	17	23
135. Diseases of prostate	66	-	2	4	16	30	6	2	1	5
143-150. Puerperal causes	109	-	3	3	38	33	3	14	6	9
159. Congenital malformations	124	2	6	2	38	48	5	13	7	3
160-163. Diseases of early infancy	892	3	37	57	382	240	45	64	42	22
164. Senility (old age)	209	3	28	29	71	53	6	9	5	5
165-174. Suicides	93	-	5	1	6	41	11	10	7	12
188A. Railroad accidents	31	1	1	1	3	14	3	4	-	4
188B. Street car accidents	6	-	-	-	2	3	-	-	1	-
188C. Automobile accidents	105	-	3	2	27	48	5	5	8	7
188D.-E.-F. Other traffic accidents	35	-	-	2	6	11	2	3	2	9
175-196, 201-203. Other accidents	326	4	17	13	103	104	17	21	25	22
197-199. Homicides	18	-	1	-	4	4	3	5	-	1
All other causes	1,368	13	52	63	460	484	74	90	57	75
T O T A L	9,612	80	517	408	3,311	3,256	534	548	447	510
(1921	10.4	13.7	11.7	13.6	(1)	11.5	8.8	7.6	8.9	8.1
(1922	10.7	14.1	15.0	12.1	(1)	11.8	8.5	7.9	9.1	9.1
Equivalent annual death rate per 1,000 population	1923	10.7	11.0	13.6	12.9	(1)	11.9	8.3	7.9	9.0
(1924	10.4	9.7	12.6	12.6	(1)	11.4	9.2	7.7	8.0	9.0
(1925	10.2	13.0	11.6	13.6	(1)	11.2	8.6	7.7	8.5	8.2
(1926	12.3	11.0	13.8	14.8	16.6	12.6	9.3	8.1	8.8	10.1
(1927	11.5	9.3	11.8	12.7	15.2	11.3	7.7	7.1	8.2	9.9
(1928	11.6	10.3	11.7	12.4	14.4	12.3	8.7	7.3	9.7	9.6
(1929	11.6	10.9	11.1	11.5	14.5	11.7	9.5	7.4	8.1	10.2

(1) Not included in Registration Area.



Table 7. Deaths by Certain Specified Causes in Cities of 30,000 and over, May, 1920.

Causes of Death	Montreal	Toronto	Winnipeg	Vancouver	Hamilton	Ottawa	Quebec	Calgary	London	Edmonton	Halifax	St. John	Victoria	Windsor	Regina
1. Typhoid fever	3	-	1	-	-	1	1	-	-	-	-	-	-	-	-
7. Measles	7	2	4	2	-	2	-	-	-	-	-	1	-	1	-
8. Scarlet fever	10	2	-	-	-	1	1	-	1	1	1	1	-	-	-
9. Whooping cough	5	4	-	-	-	-	1	-	-	-	1	1	-	1	-
10. Diphtheria	14	3	2	-	1	2	4	2	2	-	-	-	-	1	1
11. Influenza	18	11	-	3	4	2	10	2	4	-	-	-	2	2	1
31. Tuberculosis, respiratory system	87	22	10	17	1	4	18	1	2	7	6	1	4	5	3
32-37. Tuberculosis, other organs	23	7	1	3	2	3	5	2	-	4	4	3	1	1	-
43-49. Cancer	86	65	28	25	11	19	13	5	9	7	7	4	6	5	4
57. Diabetes mellitus	13	7	2	3	2	2	2	1	-	2	2	-	1	-	-
58. Anaemia, chlorosis	3	3	-	-	2	1	2	3	-	-	-	1	-	-	-
71. Meningitis	20	-	1	1	1	-	4	-	-	2	-	-	-	-	-
74. Cerebral haemorrhage, apoplexy	16	14	4	3	7	5	2	1	2	1	3	1	1	-	-
75-76. Paralysis	3	10	-	1	-	2	4	-	2	-	1	-	-	-	-
80. Infantile convulsions (Under 5 years of age)	2	1	1	1	-	-	2	-	-	-	-	-	-	-	-
87.-90. Diseases of the heart	109	126	21	25	14	20	14	4	15	10	6	5	11	4	6
31. Diseases of the arteries	31	56	5	23	8	13	2	4	7	4	12	2	4	4	2
99. Bronchitis	2	2	-	-	-	-	2	1	-	-	1	-	-	-	-
100-101. Pneumonia	91	57	14	6	14	12	18	7	6	9	9	7	1	3	-
113-114. Diarrhoea and enteritis	73	10	3	-	4	8	9	1	1	2	1	-	-	1	1
117. Appendicitis	12	5	1	6	-	2	2	4	1	3	1	2	1	-	4
118. Hernia, intestinal obstruction	13	2	-	3	2	-	1	-	1	1	-	1	-	3	-
128-129. Nephritis	86	15	10	12	12	11	16	4	6	2	2	3	4	5	-
135. Diseases of the prostate	5	6	1	4	2	3	1	1	1	-	1	-	-	-	1
143-150. Puerperal causes	15	6	1	3	4	-	3	1	-	1	1	1	1	1	2
159. Congenital malformations	15	12	4	1	2	2	3	-	1	2	2	-	-	1	3
160-163. Diseases of early infancy	78	41	14	4	11	17	17	12	3	3	5	7	1	9	3
164. Senility (old age)	9	6	1	-	1	-	6	-	2	1	4	1	1	-	-
165-174. Suicides	4	13	3	4	1	1	-	2	1	1	-	-	-	-	1
188A. Railroad accidents	3	1	2	-	1	-	-	-	1	-	-	-	-	-	1
188B. Street car accidents	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-
188C. Automobile accidents	15	10	3	4	2	3	1	2	1	1	1	-	-	-	1
188D.-E.-F. Other traffic accidents	1	1	-	1	1	1	1	2	-	-	1	-	-	-	-
175-196, 201-203. Other accidents	29	16	4	7	1	6	4	1	2	3	4	-	1	-	1
197-199. Homicides	2	1	-	-	-	-	-	-	1	-	-	-	-	-	-
All other causes	168	127	24	37	28	22	44	11	13	13	12	6	4	5	16
T O T A L	1,072	666	165	199	139	165	213	73	85	81	88	49	44	52	50

Table 8. Marriages reported in May, 1921-29.

Number and rate	Total	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
Total Marriages -										
1921	3,227	26	215	207	(1)	1,689	324	247	270	249
1922	2,871	30	224	167	(1)	1,425	316	218	247	244
1923	2,966	29	194	164	(1)	1,513	312	258	262	234
1924	2,957	20	205	153	(1)	1,560	279	226	242	272
1925	2,851	13	190	172	(1)	1,480	276	197	231	292
1926	4,199	17	174	160	1,333	1,489	273	238	210	305
1927	4,378	23	192	183	1,468	1,523	253	237	220	279
1928	4,597	24	220	196	1,420	1,577	272	280	305	303
1929	4,701	19	207	159	1,390	1,705	301	291	310	319
Equivalent annual rate per 1,000 population										
1921	5.9	3.5	4.8	6.4	(1)	6.8	6.3	3.8	5.4	5.6
1922	5.2	4.0	5.0	5.0	(1)	5.6	6.0	3.3	4.9	5.3
1923	5.3	3.9	4.3	4.9	(1)	5.9	5.9	3.9	5.2	5.0
1924	5.2	2.7	4.5	4.5	(1)	6.0	5.3	3.3	4.8	5.8
1925	5.0	1.8	4.2	5.0	(1)	5.6	5.1	2.9	4.5	6.1
1926	5.3	2.3	3.8	4.6	6.1	5.6	5.0	3.4	4.1	6.3
1927	5.4	3.1	4.2	5.2	6.6	5.6	4.6	3.3	4.2	5.7
1928	5.6	3.3	4.7	5.6	6.7	5.8	4.9	3.9	5.7	6.1
1929	5.7	2.6	4.4	4.5	6.1	6.1	5.3	4.0	5.6	6.4

(1) Not included in Registration Area.

12/11/29.

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