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DOMINION BUREAU OF STATISTICS - CANADA

VITAL STATISTICS BRANCH

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BIRTHS, DEATHS AND MARRIAGES IN THE FIRST QUARTER OF 1938.

Live births in Canada during the first quarter of 1938 numbered 54,711 (preliminary figures) giving an equivalent annual rate of 19.8 per 1,000 population, as compared with 53,214 births and a rate of 19.4 for the first quarter of 1937. There were 2,338 illegitimate births forming 4.3 per cent of all live births, as compared with 2,285 and the same rate. Stillbirths amounted to 1,569 or 2.8 per cent of all births as against 1,603 and a rate of 2.9 per cent.

Deaths totalled 28,395 with a rate of 10.3 per 1,000 population as compared with 32,242 and a rate of 11.8.

The natural increase for the quarter was 26,316 giving a rate of 9.5 per 1,000 population as against 20,972 or a rate of 7.6.

Deaths under one year of age numbered 3,939 and the infant mortality rate was 72 per 1,000 live births. These figures compared with 4,629 deaths and a rate of 87 in the corresponding period of 1937. Deaths under one month of age numbered 1,943 giving a rate of 36 per 1,000 live births as against 2,104 and a rate of 40. There were 243 maternal deaths as compared with 297, and the rate was 4.4 as against 5.6 per 1,000 live births.

The number of deaths assigned to certain causes in the first quarter of 1938 was as follows (the figures for the corresponding period of 1937 being given in parentheses in each case): Typhoid and paratyphoid fever, 62 (42); Small-pox, 2 (1); Measles, 95 (313); Scarlet fever, 78 (86); Whooping-cough, 155 (195); Diphtheria, 120 (76); Influenza, 1,053 (3,392); Infantile paralysis, 13 (9); Tuberculosis, 1,521 (1,785); Cancer, 2,868 (2,942); Cerebral haemorrhage, cerebral embolism and thrombosis, 542 (562); Diseases of the heart, 4,752 (4,689); Diseases of the arteries, 2,570 (2,691); Pneumonia, 2,570 (2,876); Diarrhoea and enteritis, 456 (395); Nephritis, 1,741 (1,839); Suicide, 219 (225); Homicide, 34 (40); Automobile accidents, 230 (225); Other violent deaths, 987 (954).

There were 12,684 marriages giving a rate of 4.6 as against 12,792 or a rate of 4.7 in the first quarter of 1937.



TABLE 1.

Summary of births, deaths and marriages, by provinces during the first quarter of 1938.

	Canada (1)	Prince Edward Is.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	54,711	463	2,765	2,696	18,813	15,782	3,242	4,264	3,699	2,987
Legitimate	52,373	436	2,609	2,580	18,136	15,010	3,102	4,120	3,520	2,860
Illegitimate	2,338	27	156	116	677	772	140	144	179	127
Stillbirths	1,569	15	81	90	553	493	81	86	101	69
Deaths (exclusive of stillbirths)	28,395	294	1,652	1,293	8,863	9,835	1,457	1,492	1,616	1,893
Deaths under 1 year of age	3,939	44	200	231	1,851	848	172	213	237	143
Deaths under 1 month of age	1,943	17	89	113	844	486	94	103	120	77
Deaths from puerperal causes	243	2	13	14	99	63	8	11	14	19
Marriages	12,684	96	727	506	3,061	4,676	842	703	1,093	980

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 2.

Infant mortality (under one year) from certain causes in Canada in the first quarter of 1938, compared with the first quarter of 1937.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1938	1937	1938	1937
7	Measles	32	91	58	171
8	Scarlet fever	2	3	4	6
9	Whooping-cough	103	115	188	216
10	Diphtheria	8	11	15	21
11	Influenza	225	584	411	1,097
15	Erysipelas	7	12	13	23
23-32	Tuberculosis	27	36	49	68
34	Syphilis	33	39	60	73
79	Simple meningitis	32	30	58	56
86	Convulsions	48	36	88	68
106	Bronchitis	24	29	44	54
107-109	Pneumonia	612	810	1,119	1,522
116-118	Diseases of the stomach	24	25	44	47
119	Diarrhoea and enteritis	299	266	547	500
122	Hernia, intestinal obstruction	19	12	35	23
157	Congenital malformations	337	346	616	650
158	Congenital debility	296	316	541	594
159	Premature birth	840	931	1,535	1,750
160	Injury at birth	262	243	479	457
161	Other diseases peculiar to early infancy	325	323	594	607
	Other specified causes	326	309	596	581
199,200	Unspecified or ill-defined causes	58	62	106	117
	All causes	3,939	4,629	7,200	8,699



TABLE 3.

Neo-natal mortality (under one month) from certain causes in Canada in the first quarter of 1938 compared with the first quarter of 1937.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1938	1937	1938	1937
7	Measles	1	7	2	13
8	Scarlet fever	-	-	-	-
9	Whooping-cough	3	-	5	-
10	Diphtheria	-	1	-	2
11	Influenza	18	79	33	148
15	Erysipelas	1	5	2	9
23-32	Tuberculosis	2	4	4	8
34	Syphilis	13	10	24	19
79	Simple meningitis	8	6	15	11
86	Convulsions	11	14	20	26
106	Bronchitis	4	5	7	9
107-109	Pneumonia	63	112	115	210
116-118	Diseases of the stomach	6	7	11	13
119	Diarrhoea and enteritis	28	29	51	54
122	Hernia, intestinal obstruction	2	-	4	-
157	Congenital malformations	223	211	408	397
158	Congenital debility	215	235	393	442
159	Premature birth	756	832	1,382	1,563
160	Injury at birth	254	235	464	442
161	Other diseases peculiar to early infancy	259	243	473	457
	Other specified causes	65	53	119	100
199,200	Unspecified or ill-defined causes	11	16	20	30
	All causes	1,943	2,104	3,551	3,954

TABLE 4.

Maternal mortality from certain causes in Canada in the first quarter of 1938, compared with the first quarter of 1937.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1938	1937	1938	1937
140	Abortion with septic conditions	24	32	44	60
141	Abortion without mention of septic conditions (haemorrhage included)	21	15	38	28
142,143	Ectopic gestation and other accidents of pregnancy (haemorrhage excluded)	16	12	29	23
144	Puerperal haemorrhage	25	29	46	54
145	Puerperal septicaemia (not specified as consequent upon abortion)	51	79	93	148
146	Puerperal albuminuria and eclampsia	48	54	88	101
147	Other toxaeimias of pregnancy	8	10	15	19
148	Puerperal phlegmasia, alba dolens, embolism or sudden death (not specified as septic)	19	25	35	47
149,150	Other accidents of childbirth and other or unspecified conditions of the puerperal state	31	41	57	77
	All puerperal causes	243	297	444	558



TABLE 5.

Deaths at all ages from certain specified causes by provinces,  
during the first quarter of 1938.

Int. List No.	Causes of death	Canada (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1,2	Typhoid fever	62	1	2	3	43	7	-	1	2	3
6	Small-pox	2	-	1	-	1	-	-	-	-	-
7	Measles	95	-	9	4	40	8	1	8	18	7
8	Scarlet fever	78	-	3	-	34	16	4	7	14	-
9	Whooping-cough	155	-	3	-	112	14	8	4	4	10
10	Diphtheria	120	-	7	8	85	6	1	6	6	1
11	Influenza	1,053	5	57	22	449	271	62	55	87	45
16	Infantile paralysis	13	-	1	1	4	2	1	1	2	1
23-32	Tuberculosis	1,521	16	96	76	666	300	76	76	63	152
45-53	Cancer	2,868	34	159	100	793	1,080	176	140	158	228
82	Cerebral haemorrhage, cerebral embolism and thrombosis	542	6	50	49	120	222	19	23	25	28
90-95	Diseases of the heart	4,752	41	255	192	1,112	1,997	263	262	257	373
96,97	Diseases of the arteries	2,570	19	163	87	478	1,261	146	124	108	184
99,102	Pneumonia	2,570	55	183	171	739	845	130	144	172	131
107-109	Diarrhoea and enteritis	456	2	17	11	271	74	22	28	20	11
119,120	Nephritis	1,741	13	83	53	794	508	62	63	75	90
130-132	Puerperal causes	243	2	13	14	99	63	8	11	14	19
163-171	Suicides	219	-	9	8	33	89	13	15	18	34
173-175	Homicides	34	-	1	-	9	13	2	4	5	-
	Automobile accidents	230	1	12	13	32	118	8	2	15	29
	Other violent deaths	987	5	49	37	232	396	51	45	76	96
	Other specified causes	7,889	87	455	394	2,659	2,529	398	464	467	436
199,200	Unspecified or ill-defined causes	195	7	24	50	58	16	6	9	10	15
	All causes	28,395	294	1,652	1,293	8,863	9,835	1,457	1,492	1,616	1,893

(1) Exclusive of Yukon and the Northwest Territories.

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