



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

Live births in Canada during the fourth quarter of 1938 numbered 53,542 (preliminary figures) giving an equivalent annual rate of 19.0 per 1,000 population as compared with 51,214 births and a rate of 18.3 in the fourth quarter of 1937. There were 1,930 illegitimate births forming 3.6 per cent of all live births, as compared with 1,803 and a rate of 3.5. Stillbirths amounted to 1,564 or 2.8 per cent of all births as against 1,453 and the same rate.

Deaths totalled 26,228 with a rate of 9.3 per 1,000 population as compared with 27,310 and a rate of 9.8.

The natural increase for the quarter was 27,314 giving a rate of 9.7 per 1,000 population, as against 23,904 or a rate of 8.5.

Deaths under one year of age numbered 3,374 and the infant mortality rate was 63 per 1,000 live births. These figures compared with 3,705 deaths and a rate of 72 in the corresponding period of 1937. Deaths under one month of age numbered 1,654 giving a rate of 31 per 1,000 live births as against 1,719 and a rate of 34. There were 205 maternal deaths as compared with 226 and the rate was 3.8 as against 4.4 per 1,000 live births.

The number of deaths assigned to certain causes in the fourth quarter of 1938 was as follows (the figures for the corresponding period of 1937 being given in parenthesis in each case): Typhoid and paratyphoid fever, 50 (149); Small-pox, 2 (-); Measles, 37 (155); Scarlet fever, 52 (78); Whooping-cough, 103 (201); Diphtheria, 143 (158); Influenza, 506 (637); Infantile paralysis, 18 (36); Tuberculosis, 1,382 (1,386); Cancer, 3,032 (3,051); Cerebral haemorrhage, cerebral embolism and thrombosis, 511 (516); Diseases of the heart, 4,478 (4,361); Diseases of the arteries, 2,526 (2,417); Pneumonia, 1,897 (1,991); Diarrhoea and enteritis, 601 (885); Nephritis, 1,598 (1,570); Suicide, 213 (223); Homicide, 19 (37); Automobile accidents, 499 (458); Other violent deaths, 1,000 (1,042).

There were 25,389 marriages giving a rate of 9.0 as against 24,686 or a rate of 8.8 in the fourth quarter of 1938.

The returns on hand at the Bureau of Statistics at the time of the issue of this report show the following figures for the whole of the year 1938, with 1937 figures in parentheses: Live births, 228,060 (220,235); Birth rate, 20.4 (19.8); Illegitimate births, 9,087 (8,574); per cent of total live births, 4.0 (3.9); Stillbirths, 6,366 (6,275); per cent of total births, 2.7 (2.8); Deaths 106,262 (113,824); death rate, 9.5 (10.2); Natural increase, 121,798 (106,411); Rate of natural increase, 10.9 (9.6); Deaths under one year, 14,431 (16,693); Rate per 1,000 live births, 63 (76); Deaths under one month, 7,223 (7,527); Rate per 1,000 live births, 32 (34); Maternal deaths, 957 (1,071); Rate per 1,000 live births 4.2 (4.9); Marriages, 88,337 (87,800); Marriage Rate, 7.9 (7.9).

Deaths from certain causes for the year 1938 as compared with the corresponding figures for 1937 were as follows:- Typhoid and paratyphoid fever, 206 (330); Small-pox, 3 (2); Measles, 250 (837); Scarlet fever, 200 (269); Whooping-cough, 493 (763); Diphtheria, 432 (369); Influenza, 2,350 (5,260); Infantile paralysis, 83 (200); Tuberculosis, 6,087 (6,669); Cancer, 11,980 (11,963); Cerebral haemorrhage, cerebral embolism and thrombosis, 1,999 (2,005); Diseases of the heart, 17,298 (16,840); Diseases of the arteries, 9,932 (9,609); Pneumonia, 7,397 (7,731); Diarrhoea and enteritis, 2,581 (4,216); Nephritis, 6,460 (6,530); Suicide, 944 (978); Homicide, 125 (138); Automobile accidents, 1,535 (1,633); Other violent deaths, 4,542 (4,609).

TABLE 1.

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

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	53,542	452	2,549	2,624	18,357	15,484	3,205	4,158	3,809	2,904
Legitimate	51,612	439	2,417	2,531	17,840	14,800	3,101	4,036	3,659	2,789
Illegitimate	1,930	13	132	93	517	684	104	122	150	115
Stillbirths	1,564	10	67	69	587	512	91	89	79	60
Deaths (exclusive of stillbirths)	26,228	256	1,216	1,211	7,795	9,223	1,530	1,542	1,471	1,984
Deaths under 1 year of age	3,374	27	172	203	1,429	779	186	238	202	138
Deaths under 1 month of age	1,654	8	65	96	688	446	79	103	100	69
Deaths from puerperal causes	205	-	7	11	85	58	5	16	16	7
Marriages	25,389	217	1,136	914	5,885	8,051	2,062	2,701	2,636	1,787

(1) Exclusive of Yukon and the Northwest Territories.

Table 2.

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

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1938	1937	1938	1937
7	Measles	14	57	26	111
8	Scarlet fever	5	3	9	6
9	Whooping-cough	75	133	140	260
10	Diphtheria	4	7	7	14
11	Influenza	125	130	233	254
15	Erysipelas	3	2	6	4
23-32	Tuberculosis	33	30	62	59
34	Syphilis	17	45	32	88
79	Simple meningitis	30	35	56	68
86	Convulsions	29	28	54	55
106	Bronchitis	19	15	35	29
107-109	Pneumonia	462	410	863	801
116-118	Diseases of the stomach	9	23	17	45
119	Diarrhoea and enteritis	391	576	730	1,125
122	Hernia, intestinal obstruction	17	15	32	29
157	Congenital malformations	320	346	598	676
158	Congenital debility	250	249	467	486
159	Premature birth	733	816	1,369	1,593
160	Injury at birth	233	187	435	365
161	Other diseases peculiar to early infancy	274	253	512	494
	Other specified causes	298	290	557	566
199,200	Unspecified or ill-defined causes	33	55	62	107
	All Causes	3,374	3,705	6,302	7,234

TABLE 3.

Neo-natal mortality (under one month) from certain causes in Canada in the fourth quarter of 1938, compared with the fourth 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	2	2	4
8	Scarlet fever	1	-	2	-
9	Whooping-cough	5	5	9	10
10	Diphtheria	-	1	-	2
11	Influenza	11	15	21	29
15	Erysipelas	-	-	-	-
23-32	Tuberculosis	2	4	4	8
34	Syphilis	9	8	17	16
79	Simple meningitis	3	3	6	6
86	Convulsions	9	8	17	16
106	Bronchitis	3	3	6	6
107-109	Pneumonia	61	47	114	92
116-118	Diseases of the stomach	1	3	2	6
119	Diarrhoea and enteritis	29	55	54	107
122	Hernia, intestinal obstruction	1	2	2	4
157	Congenital malformations	194	215	362	420
158	Congenital debility	183	163	342	318
159	Premature birth	659	748	1,231	1,461
160	Injury at birth	217	178	405	348
161	Other diseases peculiar to early infancy	199	189	372	369
	Other specified causes	56	52	105	102
199,200	Unspecified or ill-defined causes	10	18	19	35
	All causes	1,654	1,719	3,089	3,357

TABLE 4.

Maternal mortality from certain causes in Canada in the fourth quarter of 1938, as compared with the fourth 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	27	28	50	55
141	Abortion without mention of septic conditions (haemorrhage included)	4	2	7	4
142,143	Ectopic gestation and other accidents of pregnancy (haemorrhage excluded)	13	12	24	23
144	Puerperal haemorrhage	27	33	50	64
145	Puerperal septicaemia (not specified as consequent upon abortion)	44	47	82	92
146	Puerperal albuminuria and eclampsia	34	44	64	86
147	Other toxaeemias of pregnancy	11	13	21	25
148	Puerperal phlegmasia alba dolens, embolism or sudden death	25	25	47	49
149,150	Other accidents of childbirth and other or unspecified conditions of the puerperal state	20	22	37	43
	All puerperal causes	205	226	383	441

TABLE 5.

Deaths at all ages from certain specified causes by provinces during the fourth 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	50	-	-	5	21	12	7	5	1	3
6	Small-pox	2	-	-	-	-	-	-	2	-	-
7	Measles	37	-	1	-	26	3	-	3	2	2
8	Scarlet fever	52	-	-	1	26	13	2	4	3	3
9	Whooping-cough	103	-	2	11	43	16	14	3	7	7
10	Diphtheria	143	-	8	16	95	2	7	8	6	1
11	Influenza	506	2	17	16	193	146	35	35	29	33
16	Infantile paralysis	18	-	-	1	6	5	2	-	3	1
23-32	Tuberculosis	1,382	17	70	85	603	299	74	62	56	116
45-53	Cancer	3,032	33	146	111	798	1,114	200	172	167	291
82	Cerebral haemorrhage, cerebral embolism and thrombosis	511	8	35	43	117	196	25	25	29	33
90-95	Diseases of the heart	4,478	29	190	173	1,068	1,928	264	231	243	352
96,97, 99,102)	Diseases of the arteries	2,526	34	115	96	459	1,189	167	139	127	200
107-109	Pneumonia	1,897	18	109	149	474	647	116	115	138	131
119,120	Diarrhoea and enteritis	601	6	22	22	296	116	41	51	34	13
130-132	Nephritis	1,598	28	66	44	693	486	38	74	64	105
140-150	Puerperal causes	205	-	7	11	85	58	5	16	16	7
163-171	Suicides	213	1	9	4	22	78	21	26	20	32
173-175	Homicides	19	-	-	-	6	7	1	2	-	3
	Automobile accidents	499	4	24	17	168	198	19	12	25	32
	Other violent deaths	1,000	7	51	37	241	365	55	56	67	121
	Other specified causes	7,209	65	336	342	2,294	2,330	431	495	429	487
199,200	Unspecified or ill-defined causes	147	4	8	29	61	15	6	8	5	11
	ALL CAUSES	26,228	256	1,216	1,211	7,795	9,223	1,530	1,542	1,471	1,984

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 6.

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

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	228,060	1,957	11,614	11,399	77,985	65,375	13,478	18,065	15,819	12,368
Legitimate	218,973	1,872	10,895	10,964	75,464	62,339	12,975	17,445	15,143	11,876
Illegitimate	9,087	85	719	435	2,521	3,036	503	620	676	492
Stillbirths	6,366	60	308	313	2,355	2,013	347	365	350	255
Deaths (exclusive of stillbirths)	106,262	1,015	5,750	4,864	32,586	36,862	5,893	6,003	5,861	7,428
Deaths under 1 year of age	14,431	112	719	851	6,480	3,244	750	915	811	549
Deaths under 1 month of age	7,223	48	344	426	2,968	1,887	369	467	424	290
Deaths from puerperal causes	957	5	42	52	406	251	39	46	68	48
Marriages	88,337	591	4,060	3,363	25,036	30,080	6,262	5,853	6,960	6,132

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 7.

Deaths at all ages from certain specified causes by provinces during the year 1938.

Int. List No.	Cause of death	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
1,2	Typhoid fever	206	1	7	18	102	39	11	8	12	8
6	Small-pox	3	-	1	-	-	-	-	2	-	-
7	Measles	250	1	15	7	133	31	3	19	30	11
8	Scarlet fever	200	-	4	2	99	48	6	12	25	4
9	Whooping-cough	493	-	6	21	270	88	31	18	30	29
10	Diphtheria	432	-	23	31	302	11	16	27	18	4
11	Influenza	2,350	13	132	63	951	618	137	151	174	111
16	Infantile paralysis	83	-	1	4	16	25	11	7	15	4
23-32	Tuberculosis	6,087	80	390	339	2,615	1,236	349	269	279	530
45-53	Cancer	11,980	136	652	459	3,189	4,466	774	640	680	984
82	Cerebral haemorrhage, cerebral embolism and thrombosis	1,999	28	181	160	431	789	81	110	102	117
90-95	Diseases of the heart	17,298	142	821	676	4,127	7,348	961	980	895	1,348
96,97)	Diseases of the arteries	9,932	96	557	391	1,835	4,741	601	502	455	754
99,102)	Pneumonia	7,397	101	472	506	2,055	2,493	408	426	486	450
107-109	Diarrhoea and enteritis	2,581	17	98	107	1,344	508	161	170	116	60
130-132	Nephritis	6,460	81	316	187	2,881	1,899	217	267	243	369
140-150	Puerperal causes	957	5	42	52	406	251	39	46	68	48
163-171	Suicides	944	3	42	20	134	359	91	77	99	119
173-175	Homicides	125	-	2	4	26	44	7	13	14	15
	Automobile accidents	1,535	6	66	58	413	677	80	48	77	110
	Other violent deaths	4,542	26	234	172	1,184	1,668	266	257	266	469
	Other specified causes	29,807	262	1,633	1,441	9,879	9,462	1,626	1,922	1,747	1,835
199,200	Unspecified or ill-defined causes	601	17	55	146	194	61	17	32	30	49
	ALL CAUSES	106,262	1,015	5,750	4,864	32,586	36,862	5,893	6,003	5,861	7,428

(1) Exclusive of Yukon and the Northwest Territories.

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