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BIRTHS, DEATHS AND MARRIAGES IN THE FOURTH QUARTER OF 1939.

Live births in Canada during the fourth quarter of 1939 numbered 52,618 (preliminary figures) giving an equivalent annual rate of 18.5 per 1,000 population as compared with 54,433 births and a rate of 19.3 for the fourth quarter of 1938. There were 1,752 illegitimate births forming 3.3 per cent of all live births, as compared with 2,009 and a rate of 3.7. Stillbirths amounted to 1,489 or 2.8 per cent of all births as against 1,604 and a rate of 2.9 per cent.

Deaths totalled 26,166 with a rate of 9.2 per 1,000 population as compared with 26,617 and a rate of 9.4.

The natural increase for the quarter was 26,452 giving a rate of 9.3 per 1,000 population, as against 27,816 or a rate of 9.9.

Deaths under one year of age numbered 3,092 and the infant mortality rate was 59 per 1,000 live births. These figures compared with 3,435 deaths and a rate of 63 in the corresponding period of 1938. Deaths under one month of age numbered 1,533 giving a rate of 29 per 1,000 live births as against 1,684 and a rate of 31. There were 222 maternal deaths as compared with 213 and the rate was 4.2 as against 3.9 per 1,000 live births.

The number of deaths assigned to certain causes in the fourth quarter of 1939 was as follows (the figures for the corresponding period of 1938 being given in parentheses in each case): Typhoid and paratyphoid fever, 47 (51); Small-pox, - (2); Measles, 33 (37); Scarlet fever, 40 (53); Whooping-cough, 166 (105); Diphtheria, 99 (144); Influenza, 496 (515); Infantile paralysis, 16 (18); Tuberculosis, 1,308 (1,407); Cancer, 3,125 (3,066); Cerebral haemorrhage, cerebral embolism and thrombosis, 499 (525); Diseases of the heart, 4,707 (4,530); Diseases of the arteries, 2,714 (2,556); Pneumonia, 1,527 (1,922); Diarrhoea and enteritis, 518 (609); Nephritis, 1,594 (1,619); Suicide, 233 (217); Homicide, 29 (21); Automobile accidents, 555 (506); Other violent deaths, 1,065 (1,023).

There were 35,265 marriages giving a rate of 12.4 as against 25,460 or a rate of 9.0 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 1939, with 1938 figures in parentheses: Live births, 228,621 (229,446); Birth rate, 20.2 (20.5); Illegitimate births, 9,020 (9,228); per cent of total live births, 3.9 (4.0); Stillbirths, 6,349 (6,426); per cent of total births, 2.7 (2.7); Deaths, 108,739 (106,817); Death rate, 9.6 (9.5); Natural increase, 119,882 (122,629); Rate of natural increase, 10.6 (11.0); Deaths under one year, 13,891 (14,517); Rate per 1,000 live births, 61 (63); Deaths under one month, 7,018 (7,268); Rate per 1,000 live births, 31 (32); Maternal deaths, 965 (968); Rate per 1,000 live births, 4.2 (4.2); Marriages, 103,567 (88,438); Marriage rate, 9.2 (7.9).

Deaths from certain causes for the year 1939 as compared with the corresponding figures for 1938 were as follows:- Typhoid and paratyphoid fever, 180 (207); Small-pox, 1 (3); Measles, 197 (250); Scarlet fever, 165 (202); Whooping-cough, 537 (496); Diphtheria, 335 (434); Influenza, 3,944 (2,362); Infantile paralysis, 56 (83); Tuberculosis, 5,960 (6,126); Cancer, 12,388 (12,038); Cerebral haemorrhage, cerebral embolism and thrombosis, 2,054 (2,016); Diseases of the heart, 18,537 (17,373); Diseases of the arteries, 10,864 (9,970); Pneumonia, 6,578 (7,432); Diarrhoea and enteritis, 2,360 (2,590); Nephritis, 6,536 (6,492); Suicide, 973 (948); Homicide, 122 (127); Automobile accidents, 1,580 (1,545); Other violent deaths, 4,474 (4,585).

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TABLE 1.

Summary of births, deaths and marriages by provinces, during the fourth quarter of 1939.

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	52,618	463	2,583	2,516	18,076	14,602	3,144	4,269	3,928	3,037
Legitimate	50,866	446	2,449	2,428	17,620	14,042	3,030	4,138	3,799	2,914
Illegitimate	1,752	17	134	88	456	560	114	131	129	123
Stillbirths	1,489	9	78	70	575	475	76	70	90	46
Deaths (exclusive of stillbirths)	26,166	278	1,326	1,240	7,764	9,085	1,505	1,568	1,461	1,939
Deaths under 1 year of age	3,092	27	152	222	1,326	681	152	233	175	124
Deaths under 1 month of age	1,533	15	66	92	589	412	83	116	88	72
Deaths from puerperal causes	222	3	10	8	79	64	10	15	21	12
Marriages	35,265	256	1,778	1,262	8,371	11,120	2,980	3,752	3,180	2,566

(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 1939, compared with the fourth quarter of 1938.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1939	1938	1939	1938
7	Measles	7	14	13	26
8	Scarlet fever	6	5	11	9
9	Whooping-cough	116	77	220	141
10	Diphtheria	13	4	25	7
11	Influenza	108	126	205	231
15	Erysipelas	2	3	4	6
23-32	Tuberculosis	25	33	48	61
34	Syphilis	19	20	36	37
79	Simple meningitis	28	31	53	57
86	Convulsions	33	30	63	55
106	Bronchitis	10	19	19	35
107-109	Pneumonia	347	471	659	865
116-118	Diseases of the stomach	25	10	48	18
119	Diarrhoea and enteritis	323	395	614	726
122	Hernia, intestinal obstruction	13	17	25	31
157	Congenital malformations	359	330	682	606
158	Congenital debility	248	254	471	467
159	Premature birth	677	742	1,287	1,363
160	Injury at birth	211	236	401	434
161	Other diseases peculiar to early infancy	240	284	456	522
	Other specified causes	245	300	466	551
199,200	Unspecified or ill-defined causes	37	34	70	62
	All causes	3,092	3,435	5,876	6,311

TABLE 3.

Neo-natal mortality (under one month) from certain causes in Canada in the fourth quarter of 1939 compared with the fourth quarter of 1938.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1939	1938	1939	1938
7	Measles	2	1	4	2
8	Scarlet fever	1	1	2	2
9	Whooping-cough	3	5	6	9
10	Diphtheria	-	-	-	-
11	Influenza	12	11	23	20
15	Erysipelas	1	-	2	-
23-32	Tuberculosis	3	2	6	4
34	Syphilis	6	10	11	18
79	Simple meningitis	2	3	4	6
86	Convulsions	10	9	19	17
106	Bronchitis	1	3	2	6
107-109	Pneumonia	48	62	91	114
116-118	Diseases of the stomach	6	1	11	2
119	Diarrhoea and enteritis	24	28	46	51
122	Hernia, intestinal obstruction	-	1	-	2
157	Congenital malformations	215	201	409	369
158	Congenital debility	159	185	302	340
159	Premature birth	608	668	1,155	1,227
160	Injury at birth	198	220	376	404
161	Other diseases peculiar to early infancy	179	206	340	378
	Other specified causes	45	57	86	105
199,200	Unspecified or ill-defined causes	10	10	19	18
	All causes	1,533	1,684	2,913	3,094

TABLE 4.

Maternal mortality from certain causes in Canada in the fourth quarter of 1939, compared with the fourth quarter of 1938.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1939	1938	1939	1938
140	Abortion with septic conditions	29	27	55	50
141	Abortion without mention of septic conditions (haemorrhage included)	6	4	11	7
142,143	Ectopic gestation and other accidents of pregnancy (haemorrhage excluded)	14	14	27	26
144	Puerperal haemorrhage	25	29	48	53
145	Puerperal septicaemia (not specified as consequent upon abortion)	43	46	82	85
146	Puerperal albuminuria and eclampsia	40	35	76	64
147	Other toxaeemias of pregnancy	11	12	21	22
148	Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	32	26	61	48
149,150	Other accidents of childbirth and other or unspecified conditions of the puerperal state	22	20	42	37
	All puerperal causes	222	213	422	391

TABLE 5.

Deaths at all ages from certain specified causes by provinces, during the fourth quarter of 1939.

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	47	-	-	2	30	4	3	7	1	-
6	Small-pox	-	-	-	-	-	-	-	-	-	-
7	Measles	33	-	-	1	19	8	-	1	3	1
8	Scarlet fever	40	1	1	-	22	10	1	2	2	1
9	Whooping-cough	166	2	15	7	79	7	16	27	11	2
10	Diphtheria	99	-	1	6	73	1	6	9	3	-
11	Influenza	496	3	16	18	222	125	22	33	41	16
16	Infantile paralysis	16	-	2	-	6	5	3	-	-	-
23-32	Tuberculosis	1,308	15	85	73	590	218	85	42	53	147
45-53	Cancer	3,125	34	176	132	779	1,144	205	198	206	251
82	Cerebral haemorrhage, cerebral embolism and thrombosis	499	6	39	38	91	210	24	29	25	37
90-95	Diseases of the heart	4,707	58	227	188	1,140	1,935	262	261	263	373
96,97,) 99,102)	Diseases of the arteries	2,714	18	136	111	494	1,297	165	147	137	209
107-109	Pneumonia	1,527	28	88	96	445	532	79	100	68	91
119,120	Diarrhoea and enteritis	518	11	9	44	273	99	21	28	19	14
130-132	Nephritis	1,594	18	68	54	737	443	63	66	56	89
140-150	Puerperal causes	222	3	10	8	79	64	10	15	21	12
163-171	Suicides	233	1	7	6	30	87	22	17	28	35
173-175	Homicides	29	-	1	2	2	5	1	5	4	9
	Automobile accidents	555	5	26	32	135	233	22	29	30	43
	Other violent deaths	1,065	7	58	49	232	399	69	59	69	123
	Other specified causes	7,029	66	356	333	2,229	2,243	421	488	409	484
199,200	Unspecified or ill-defined causes	144	2	5	40	57	16	5	5	12	2
	ALL CAUSES	26,166	278	1,326	1,240	7,761	9,085	1,505	1,568	1,461	1,939

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 6.

Summary of births, deaths and marriages by provinces, during the year 1939.

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	228,621	2,105	11,700	11,228	79,503	63,945	13,583	17,930	16,323	12,304
Legitimate	219,601	2,008	10,969	10,823	76,846	61,075	13,074	17,281	15,716	11,809
Illegitimate	9,020	97	731	405	2,657	2,870	509	649	607	495
Stillbirths	6,349	58	359	286	2,415	1,961	328	370	333	239
Deaths (exclusive of stillbirths)	108,739	1,115	6,273	5,064	33,376	37,503	6,157	5,990	5,754	7,507
Deaths under 1 year of age	13,891	166	751	885	6,209	2,980	752	915	751	482
Deaths under 1 month of age	7,018	81	345	411	2,886	1,777	391	477	377	273
Deaths from puerperal causes	965	17	48	54	368	276	47	58	59	38
Marriages	103,567	638	4,994	3,722	28,899	34,657	7,676	7,284	7,835	7,862

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 7.

Deaths at all ages from certain specified causes by provinces, during the year 1939.

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	180	1	3	11	109	19	16	10	7	4
6	Small-pox	1	-	-	-	-	-	-	-	-	1
7	Measles	197	-	3	14	119	44	4	6	6	1
8	Scarlet fever	165	1	3	6	66	53	5	12	17	2
9	Whooping-cough	537	3	58	37	226	75	41	47	33	17
10	Diphtheria	335	-	15	33	218	13	13	36	7	-
11	Influenza	3,944	48	352	182	1,492	1,190	176	196	213	95
16	Infantile paralysis	56	1	3	1	14	23	5	1	5	3
23-32	Tuberculosis	5,960	61	425	286	2,680	1,084	367	232	275	550
45-53	Cancer	12,388	106	728	498	3,206	4,566	850	745	645	1,044
82	Cerebral haemorrhage, cerebral embolism and thrombosis	2,054	30	185	178	420	814	78	133	95	121
90-95	Diseases of the heart	18,537	186	992	702	4,468	7,697	1,053	989	996	1,454
96,97, 99,102)	Diseases of the arteries	10,864	78	566	429	2,108	5,185	623	527	550	798
107-109	Pneumonia	6,578	102	456	406	1,970	2,171	367	377	357	372
119,120	Diarrhoea and enteritis	2,360	26	56	156	1,360	389	126	114	89	44
130-132	Nephritis	6,536	86	331	200	2,994	1,887	226	248	214	350
140-150	Puerperal causes	965	17	48	54	368	276	47	58	59	38
163-171	Suicides	973	6	35	20	153	354	84	90	102	129
173-175	Homicides	122	1	6	4	16	37	4	16	13	25
	Automobile accidents	1,580	7	82	92	390	682	63	63	81	120
	Other violent deaths	4,474	31	262	190	1,073	1,637	275	269	269	468
	Other specified causes	29,341	297	1,624	1,417	9,702	9,250	1,714	1,807	1,681	1,849
199,200	Unspecified or ill-defined causes	592	27	40	148	224	57	20	14	40	22
	ALL CAUSES	108,739	1,115	6,273	5,064	33,376	37,503	6,157	5,990	5,754	7,507

(1) Exclusive of Yukon and the Northwest Territories.

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