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VITAL STATISTICS BRANCH

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

Live births in Canada during the third quarter of 1939 numbered 57,423(preliminary figures) giving an equivalent annual rate of 20.2 per 1,000 population as compared with 59,511 births and a rate of 21.1 for the third quarter of 1938. There were 2,040 illegitimate births forming 3.6 per cent of all live births, as compared with 2,155 and the same rate. Stillbirths amounted to 1,464 or 2.5 per cent of all births as against 1,595 and a rate of 2.6 per cent.

Deaths totalled 23,762 with a rate of 8.3 per 1,000 population as compared with 24,474 and a rate of 8.7.

The natural increase for the quarter was 33,661 giving a rate of 11.9 per 1,000 population, as against 35,037 or a rate of 12.4.

Deaths under one year of age numbered 3,067 and the infant mortality rate was 53 per 1,000 live births. These figures compared with 3,371 deaths and a rate of 57 in the corresponding period of 1938. Deaths under one month of age numbered 1,492 giving a rate of 26 per 1,000 live births as against 1,630 and a rate of 27. There were 205 maternal deaths as compared with 256 and the rate was 3.6 as against 4.3 per 1,000 live births.

The number of deaths assigned to certain causes in the third 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, 46 (57); Small-pox, - (-); Measles, 27 (44); Scarlet fever, 17 (27); Whooping-cough, 109 (101); Diphtheria, 68 (93); Influenza, 185 (214); Infantile paralysis, 24 (41); Tuberculosis, 1,376 (1,447); Cancer, 3,066 (3,104); Cerebral haemorrhage, cerebral embolism and thrombosis, 425 (460); Diseases of the heart, 3,931 (3,671); Diseases of the arteries, 2,296 (2,231); Pneumonia, 783 (1,025); Diarrhoea and enteritis, 1,006 (1,017); Nephritis, 1,367 (1,383); Suicide, 253 (235); Homicide, 37 (32); Automobile accidents, 519 (490); Other violent deaths, 1,388 (1,400).

There were 32,698 marriages giving a rate of 11.5 as against 26,099 or a rate of 9.2 in the third quarter of 1938.

For the first nine months of 1939 the figures are as follows, with those for the corresponding period of 1938 in parentheses:- Live births, 173,637 (175,013); Birth rate, 20.5 (20.9); Illegitimate births, 7,042 (7,219); Per cent of total live births, 4.1 (4.1); Stillbirths, 4,784 (4,822); Per cent of total births, 2.7 (2.7); Deaths, 82,079 (80,200); Death rate, 9.7 (9.6); Natural increase, 91,558 (94,813); Rate of natural increase, 10.8 (11.3); Deaths under one year, 10,720 (11,082); Rate per 1,000 live births, 62 (63); Deaths under one month, 5,435 (5,584); Rate per 1,000 live births, 31 (32); Maternal deaths, 733 (755); Rate per 1,000 live births, 4.2 (4.3); Marriages, 67,932 (62,978); Marriage rate, 8.0 (7.5).

Deaths from certain causes for the nine months were as follows: Typhoid and paratyphoid fever, 132 (156); Small-pox, 1 (1); Measles, 163 (213); Scarlet fever, 125 (149); Whooping-cough, 366 (391); Diphtheria, 235 (290); Influenza, 3,439 (1,847); Infantile paralysis, 40 (65); Tuberculosis, 4,620 (4,719); Cancer, 9,221 (8,972); Cerebral haemorrhage, embolism and thrombosis, 1,546 (1,491); Diseases of the heart, 13,766 (12,843); Diseases of the arteries, 8,113 (7,414); Pneumonia, 5,023 (5,510); Diarrhoea and enteritis, 1,828 (1,981); Nephritis, 4,919 (4,873); Suicide, 734 (731); Homicide, 91 (106); Automobile accidents, 1,011 (1,039); Other violent deaths, 3,363 (3,562).

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TABLE I.

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

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	57,423	566	2,778	2,854	19,737	16,445	3,502	4,577	3,865	3,099
Legitimate	55,383	550	2,614	2,768	19,143	15,775	3,393	4,438	3,720	2,982
Illegitimate	2,040	16	164	86	594	670	109	139	145	117
Stillbirths	1,464	17	73	64	551	479	60	95	65	60
Deaths (exclusive of stillbirths)	23,762	204	1,117	1,139	7,481	7,949	1,465	1,394	1,274	1,739
Deaths under 1 year of age	3,067	34	138	176	1,426	628	199	192	164	110
Deaths under 1 month of age	1,492	17	64	64	589	387	105	109	82	75
Deaths from puerperal causes	205	5	6	11	83	63	12	7	12	6
Marriages	32,698	193	1,463	1,174	10,341	11,061	2,363	1,506	2,089	2,508

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 2.

Infant mortality (under one year) from certain causes in Canada in the third quarter of 1939, compared with the third quarter of 1938.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1939	1938	1939	1938
7	Measles	12	22	21	37
8	Scarlet fever	-	2	-	3
9	Whooping-cough	87	70	152	118
10	Diphtheria	3	3	5	5
11	Influenza	46	33	80	55
15	Erysipelas	3	2	5	3
23-32	Tuberculosis	32	36	56	60
34	Syphilis	22	24	38	40
79	Simple meningitis	18	25	31	42
86	Convulsions	21	27	37	45
106	Bronchitis	2	11	3	18
107-109	Pneumonia	197	247	343	415
116-118	Diseases of the stomach	11	17	19	29
119	Diarrhoea and enteritis	721	714	1,256	1,200
122	Hernia, intestinal obstruction	14	16	24	27
157	Congenital malformations	283	294	493	494
158	Congenital debility	213	260	371	437
159	Premature birth	664	821	1,156	1,380
160	Injury at birth	209	238	364	400
161	Other diseases peculiar to early infancy	248	238	432	400
	Other specified causes	218	237	380	398
199,200	Unspecified or ill-defined causes	43	34	75	57
	All causes	3,067	3,371	5,341	5,664

TABLE 3.

Neo-natal mortality (under one month) from certain causes in Canada in the third quarter of 1939, compared with the third 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	3	2
8	Scarlet fever	-	-	-	-
9	Whooping-cough	2	3	3	5
10	Diphtheria	-	-	-	-
11	Influenza	8	3	14	5
15	Erysipelas	1	2	2	3
23-32	Tuberculosis	1	2	2	3
34	Syphilis	9	4	16	7
79	Simple meningitis	4	3	7	5
86	Convulsions	9	11	16	18
106	Bronchitis	1	-	2	-
107-109	Pneumonia	31	37	54	62
116-118	Diseases of the stomach	1	3	2	5
119	Diarrhoea and enteritis	46	50	80	84
122	Hernia, intestinal obstruction	-	-	-	-
157	Congenital malformations	167	170	291	286
158	Congenital debility	152	161	265	271
159	Premature birth	607	734	1,057	1,233
160	Injury at birth	200	224	348	376
161	Other diseases peculiar to early infancy	183	174	319	292
	Other specified causes	54	45	94	76
199,200	Unspecified or ill-defined causes	14	3	24	5
	All causes	1,492	1,630	2,598	2,739

TABLE 4.

Maternal mortality from certain causes in Canada in the third quarter of 1939, compared with the third 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	24	31	42	52
141	Abortion without mention of septic conditions (haemorrhage included)	6	9	10	15
142,143	Ectopic gestation and other accidents of pregnancy (haemorrhage excluded)	7	12	12	20
144	Puerperal haemorrhage	36	36	63	60
145	Puerperal septicaemia (not specified as consequent upon abortion)	47	50	82	84
146	Puerperal albuminuria and eclampsia	39	53	68	89
147	Other toxaemias of pregnancy	7	9	12	15
148	Puerperal phlegmasia alba dolens embolism or sudden death (not specified as septic).	19	36	33	60
149,150	Other accidents of childbirth and other or unspecified conditions of the puerperal state	20	20	35	34
	All puerperal causes	205	256	357	430

Table 5.

Deaths at all ages from certain specified causes by provinces, during the third 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	46	-	1	5	28	6	2	-	2	2
6	Small-pox	-	-	-	-	-	-	-	-	-	-
7	Measles	27	-	-	4	16	7	-	-	-	-
8	Scarlet fever	17	-	-	1	7	4	-	2	3	-
9	Whooping-cough	109	-	20	4	39	14	12	10	8	2
10	Diphtheria	68	-	-	12	41	3	2	8	2	-
11	Influenza	185	2	16	3	75	45	8	14	14	8
16	Infantile paralysis	24	1	-	-	4	12	2	-	3	2
23-32	Tuberculosis	1,376	13	87	64	622	276	71	46	57	140
45-53	Cancer	3,066	16	167	128	868	1,104	211	177	136	259
82	Cerebral haemorrhage, cerebral embolism and thrombosis	425	5	25	49	83	184	13	27	18	21
90-95	Diseases of the heart	3,931	35	201	152	921	1,584	241	251	224	322
96,97, 99,102	Diseases of the arteries	2,296	15	89	101	457	1,037	165	127	131	174
107-109	Pneumonia	783	8	35	48	194	264	60	60	51	63
119,120	Diarrhoea and enteritis	1,006	12	23	88	598	147	60	38	33	7
130-132	Nephritis	1,367	14	62	45	641	378	48	49	49	81
140-150	Puerperal causes	205	5	6	11	83	63	12	7	12	6
163-171	Suicides	253	1	9	3	43	94	20	31	20	32
173-175	Homicides	37	1	-	2	5	10	2	7	3	7
	Automobile accidents	519	2	23	34	143	221	24	21	20	31
	Other violent deaths	1,388	10	47	57	394	456	94	104	94	132
	Other specified causes	6,507	61	298	298	2,169	2,029	413	413	382	444
199,200	Unspecified or ill-defined causes	127	3	8	30	50	11	5	2	12	6
	ALL CAUSES	23,762	204	1,117	1,139	7,481	7,949	1,465	1,394	1,274	1,739

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 6.

Summary of births, deaths and marriages by provinces, during the first nine months of 1939.

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	173,637	1,621	8,828	8,673	60,585	49,177	10,372	13,308	11,897	9,176
Legitimate	166,595	1,545	8,256	8,358	58,462	46,895	9,986	12,829	11,446	8,818
Illegitimate	7,042	76	572	315	2,123	2,282	386	479	451	358
Stillbirths	4,784	48	253	213	1,829	1,475	250	294	229	193
Deaths (exclusive of stillbirths)	82,079	819	4,806	3,815	25,485	28,338	4,636	4,333	4,285	5,562
Deaths under 1 year of age	10,720	131	594	662	4,851	2,293	593	663	576	357
Deaths under 1 month of age	5,435	59	275	318	2,279	1,361	306	348	289	200
Deaths from puerperal causes	733	14	33	46	287	212	37	40	38	26
Marriages	67,932	379	3,206	2,455	20,272	23,520	4,684	3,483	4,641	5,292

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 7.

Deaths at all ages from certain specified causes by provinces, during the first nine months 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	132	1	3	9	78	15	13	3	6	4
6	Small-pox	1	-	-	-	-	-	-	-	-	1
7	Measles	163	-	3	13	99	36	4	5	3	-
8	Scarlet fever	125	-	2	6	44	43	4	10	15	1
9	Whooping-cough	366	1	43	30	147	67	24	17	22	15
10	Diphtheria	235	-	14	27	145	12	7	26	4	-
11	Influenza	3,439	45	334	164	1,267	1,064	153	162	171	79
16	Infantile paralysis	40	1	1	1	8	18	2	1	5	3
23-32	Tuberculosis	4,620	46	328	213	2,082	862	282	186	222	399
45-53	Cancer	9,221	72	539	364	2,415	3,414	645	542	437	793
82	Cerebral haemorrhage, cerebral embolism and thrombosis	1,546	23	142	140	327	603	54	103	70	84
90-95	Diseases of the heart	13,766	127	742	514	3,314	5,749	789	719	732	1,080
96,97,) 99,102)	Diseases of the arteries	8,113	57	419	317	1,609	3,882	457	373	411	588
107-109	Pneumonia	5,023	73	361	309	1,520	1,635	288	268	289	280
119,120	Diarrhoea and enteritis	1,828	15	43	112	1,083	288	103	85	70	29
130-132	Nephritis	4,919	65	258	146	2,252	1,441	162	177	157	261
140-150	Puerperal causes	733	14	33	46	287	212	37	40	38	26
163-171	Suicides	734	5	28	14	121	267	61	70	74	94
173-175	Homicides	91	1	5	2	14	32	3	10	8	16
	Automobile accidents	1,011	2	50	58	252	448	41	32	51	77
	Other violent deaths	3,363	24	194	141	836	1,216	203	203	199	347
	Other specified causes	22,172	224	1,230	1,081	7,426	6,993	1,289	1,293	1,273	1,363
199,200	Unspecified or ill-defined causes	438	23	34	108	159	41	15	8	28	22
	ALL CAUSES	82,079	819	4,806	3,815	25,485	28,338	4,636	4,333	4,285	5,562

(1) Exclusive of Yukon and the Northwest Territories.