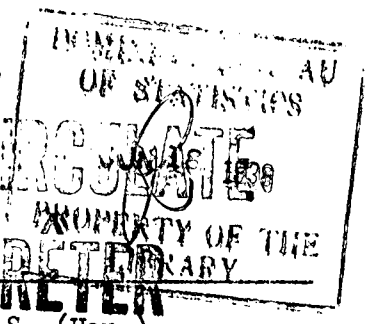


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BIRTHS, DEATHS AND MARRIAGES IN THE FOURTH QUARTER OF 1937.

Live births in Canada during the fourth quarter of 1937 numbered 50,748 (preliminary figures) giving an equivalent annual rate of 18.1 per 1,000 population, as compared with 50,773 births and a rate of 18.3 for the fourth quarter of 1936. There were 1,728 illegitimate births forming 3.4 per cent of all live births, as compared with 1,712 and the same rate. Stillbirths amounted to 1,433 or 2.7 per cent of all births as against 1,485 and a rate of 2.8 per cent.

Deaths totalled 27,126 with a rate of 9.7 per 1,000 population as compared with 26,549 and a rate of 9.6.

The natural increase for the quarter was 23,622 giving a rate of 8.4 per 1,000 population as against 24,224 or a rate of 8.7.

Deaths under one year of age numbered 3,681 and the infant mortality rate was 73 per 1,000 live births. These figures compared with 3,825 deaths and a rate of 75 in the corresponding period of 1936. Deaths under one month of age numbered 1,704 giving a rate of 34 per 1,000 live births as against 1,747 and the same rate. There were 222 maternal deaths as compared with 277 and the rate was 4.4 as against 5.5 per 1,000 live births.

The number of deaths assigned to certain causes in the fourth quarter of 1937 was as follows (the figures for the corresponding period of 1936 being given in parentheses in each case): Typhoid and paratyphoid fever, 148 (56); Small-pox, - (-); Measles, 136 (80); Scarlet fever, 77 (67); Whooping-cough, 200 (146); Diphtheria, 156 (97); Influenza, 632 (693); Infantile paralysis, 36 (41); Tuberculosis, 1,371 (1,448); Cancer, 3,038 (2,969); Diseases of the heart, 4,342 (4,199); Diseases of the arteries, 2,405 (2,254); Pneumonia, 1,981 (2,028); Diarrhoea and enteritis, 880 (635); Nephritis, 1,564 (1,596); Suicide, 219 (226); Homicide, 37 (31); Automobile accidents, 443 (404); Other violent deaths, 1,028 (1,020).

There were 24,632 marriages giving a rate of 8.8 as against 23,122 or a rate of 8.3 in the fourth quarter of 1936.

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 1937, with 1936 figures in parenthesis: Live births, 219,339 (220,371); Birth rate, 19.7 (20.0); Illegitimate births, 8,448 (8,633); per cent of total live births, 3.9 (3.9); Stillbirths, 6,245 (6,350); per cent of total births, 2.8 (2.8); Deaths, 113,510 (107,050); death rate, 10.2 (9.7); Natural increase, 105,829 (113,321); Rate of natural increase, 9.5 (10.3); Deaths under one year, 16,650 (14,574); Rate per 1,000 live births, 76 (66); Deaths under one month, 7,507 (7,393); Rate per 1,000 live births, 34 (34); Maternal deaths, 1,060 (1,233); Rate per 1,000 live births, 4.8 (5.6); Marriages, 87,715 (80,904); Marriage rate, 7.9 (7.3).

Deaths from certain causes for the year 1937 as compared with the corresponding figures for 1936 were as follows:- Typhoid and paratyphoid fever, 328 (256); Small-pox, 2 (2); Measles, 813 (376); Scarlet fever, 268 (244); Whooping-cough, 762 (594); Diphtheria, 367 (258); Influenza, 5,249 (3,113); Infantile paralysis, 199 (97); Tuberculosis, 6,633 (6,763); Cancer, 11,942 (11,694); Diseases of the heart, 16,806 (16,424); Diseases of the arteries, 9,589 (9,112); Pneumonia, 7,713 (7,313); Diarrhoea and enteritis, 4,202 (2,378); Nephritis, 6,522 (6,402); Suicide, 974 (928); Homicide, 137 (137); Automobile accidents, 1,611 (1,316); Other violent deaths, 4,594 (5,082).

TABLE 1.

Summary of births, deaths and marriages, by provinces during the fourth quarter of 1937.

	Canada (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	50,748	464	2,606	2,311	17,553	14,257	2,999	4,245	3,649	2,664
Legitimate	49,020	454	2,482	2,234	17,039	13,693	2,915	4,135	3,508	2,560
Illegitimate	1,728	10	124	77	514	564	84	110	141	104
Stillbirths	1,433	16	52	73	527	468	75	81	74	67
Deaths (exclusive of stillbirths)	27,126	292	1,417	1,257	8,416	9,495	1,447	1,501	1,453	1,848
Deaths under 1 year of age	3,681	32	201	202	1,698	777	175	226	221	149
Deaths under 1 month of age	1,704	13	102	85	699	432	80	117	120	56
Deaths from puerperal causes	222	3	1	5	84	73	14	22	10	10
Marriages	24,632	171	1,283	1,012	5,840	8,091	2,123	2,044	2,309	1,759

(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 1937, compared with the fourth quarter of 1936.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1937	1936	1937	1936
7	Measles	55	32	108	63
8	Scarlet fever	3	1	6	2
9	Whooping-cough	132	105	260	207
10	Diphtheria	7	7	14	14
11	Influenza	129	172	254	339
15	Erysipelas	2	18	4	35
23,32	Tuberculosis	29	42	57	83
34	Syphilis	45	52	89	102
79	Simple meningitis	35	36	69	71
86	Convulsions	28	39	55	77
106	Bronchitis	15	29	30	57
107-109	Pneumonia	407	539	802	1,062
116-118	Diseases of the stomach	23	32	45	63
119	Diarrhoea and enteritis	574	462	1,131	910
122	Hernia, intestinal obstruction	15	13	30	26
157	Congenital malformations	346	295	682	581
158	Congenital debility	248	292	489	575
159	Premature birth	807	863	1,590	1,700
160	Injury at birth	186	201	367	396
161	Other diseases peculiar to early infancy	252	258	497	508
	Other specified causes	288	291	568	573
199,200	Unspecified or ill-defined causes	55	46	108	91
	All, causes	3,681	3,825	7,253	7,534

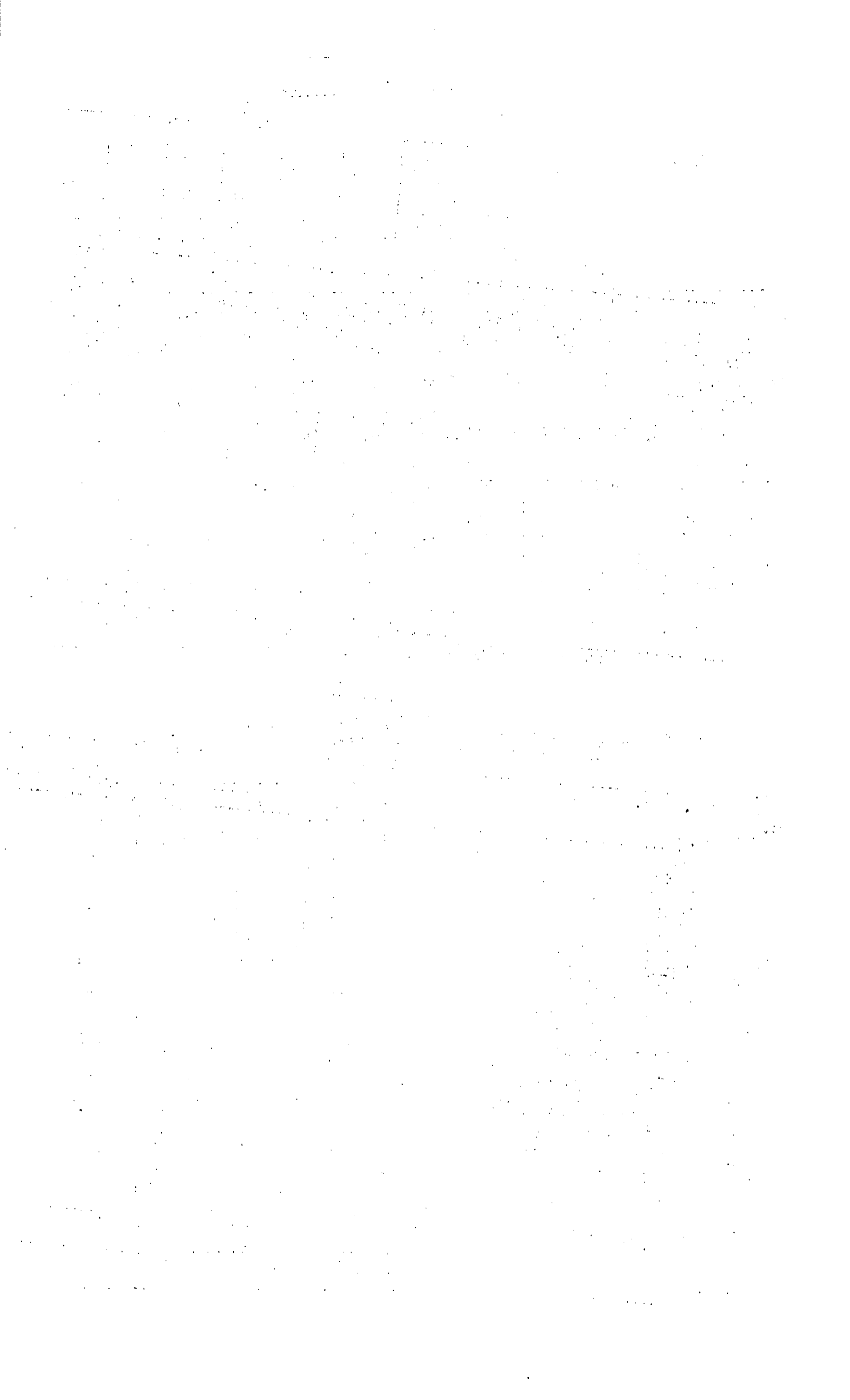


TABLE 3.

Neo-natal mortality (under one month) from certain causes in Canada in the fourth quarter of 1937, compared with the fourth quarter of 1936.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1937	1936	1937	1936
7	Measles	2	2	4	4
8	Scarlet fever	-	-	-	-
9	Whooping-cough	5	6	10	12
10	Diphtheria	1	1	2	2
11	Influenza	15	20	30	39
15	Erysipelas	-	2	-	4
23-32	Tuberculosis	4	-	8	-
34	Syphilis	8	7	16	14
79	Simple meningitis	3	6	6	12
86	Convulsions	8	16	16	32
106	Bronchitis	3	6	6	12
107-109	Pneumonia	47	68	93	134
116-118	Diseases of the stomach	3	5	6	10
119	Diarrhoea and enteritis	54	39	106	77
122	Hernia, intestinal obstruction	2	-	4	-
157	Congenital malformations	215	169	424	333
158	Congenital debility	163	200	321	394
159	Premature birth	740	757	1,458	1,491
160	Injury at birth	177	186	349	366
161	Other diseases peculiar to early infancy	183	186	361	366
	Other specified causes	53	62	104	122
199,200	Unspecified or ill-defined causes	18	9	35	18
	All causes	1,704	1,747	3,358	3,441

TABLE 4.

Maternal mortality from certain causes in Canada in the fourth quarter of 1937, compared with the fourth quarter of 1936.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1937	1936	1937	1936
140	Abortion with septic conditions	27	33	53	65
141	Abortion without mention of septic conditions (haemorrhage included)	2	14	4	28
142,143	Ectopic gestation and other accidents of pregnancy (haemorrhage excluded)	12	13	24	26
144	Puerperal haemorrhage	32	35	63	69
145	Puerperal septicaemia (not specified as consequent upon abortion)	48	75	95	148
146	Puerperal albuminuria and eclampsia	42	37	83	73
147	Other toxaeemias of pregnancy	13	16	26	32
148	Puerperal phlegmasia, alba dolens, embolism or sudden death (not specified as septic)	25	25	49	49
149,150	Other accidents of childbirth and other or unspecified conditions of the puerperal state	21	29	41	57
	All puerperal causes	222	277	437	546



TABLE 5.

Deaths at all ages from certain specified causes by provinces,
during the fourth quarter of 1937.

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	148	1	4	9	94	13	4	18	1	4
6	Small-pox	-	-	-	-	-	-	-	-	-	-
7	Measles	136	-	8	1	29	5	2	11	15	65
8	Scarlet fever	77	-	2	-	52	13	4	1	3	2
9	Whooping-cough	200	-	5	-	134	19	14	4	8	16
10	Diphtheria	156	-	4	10	121	12	-	4	5	-
11	Influenza	632	4	29	14	296	176	31	24	32	26
16	Infantile paralysis	36	-	3	-	4	15	3	9	2	-
23-32	Tuberculosis	1,371	17	98	75	537	273	87	68	75	141
45-53	Cancer	3,038	33	176	122	765	1,171	200	157	152	262
90-95	Diseases of the heart	4,342	35	207	148	1,000	1,911	269	220	245	307
96,97,) 99,102)	Diseases of the arteries	2,405	36	124	102	461	1,193	134	99	110	146
107-109	Pneumonia	1,981	24	94	105	599	702	98	135	101	123
119,120	Diarrhoea and enteritis	880	8	44	70	481	147	39	42	37	12
130-132	Nephritis	1,564	26	69	63	667	480	43	61	67	88
140-150	Puerperal causes	222	3	1	5	84	73	14	22	10	10
163-171	Suicides	219	4	6	8	29	86	20	17	22	27
173-175	Homicides	37	-	-	1	6	11	1	4	11	3
	Automobile accidents	443	1	22	20	116	209	16	13	17	29
	Other violent deaths	1,028	10	57	50	251	380	45	71	54	110

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 6.

Summary of births, deaths and marriages by provinces, during the year, 1937.

	Canada (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	219,339	2,065	11,342	10,544	75,582	61,499	12,888	18,559	15,717	11,123
Legitimate	210,891	2,002	10,671	10,167	73,135	58,747	12,410	17,927	15,108	10,724
Illegitimate	8,448	63	671	377	2,447	2,752	478	632	609	419
Stillbirths	6,245	61	284	269	2,311	1,988	341	393	353	245
Deaths (exclusive of stillbirths)	113,510	1,135	5,963	5,392	35,442	38,462	6,070	6,865	6,247	7,934
Deaths under 1 year of age	16,650	151	806	1,069	7,578	3,379	826	1,225	990	626
Deaths under 1 month of age	7,507	71	354	471	2,966	1,927	371	580	489	278
Deaths from puerperal causes	1,060	12	25	39	397	319	55	86	76	51
Marriages	87,715	584	4,319	3,662	24,870	29,889	6,113	5,762	6,340	6,176

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 7.

Deaths at all ages from certain specified causes by provinces, during the year 1937.

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	328	1	13	28	185	39	10	36	6	10
6	Small-pox	2	-	-	-	-	-	-	-	1	1
7	Measles	813	1	10	10	227	30	13	234	120	168
8	Scarlet fever	268	-	9	2	147	50	12	16	24	8
9	Whooping-cough	762	4	42	4	444	104	39	47	49	29
10	Diphtheria	367	-	11	17	277	30	10	10	10	2
11	Influenza	5,249	63	244	155	1,610	1,656	304	400	471	346
16	Infantile paralysis	199	-	7	5	21	119	12	22	13	-
23-32	Tuberculosis	6,633	65	452	383	2,767	1,315	426	294	337	594
45-53	Cancer	11,942	136	703	465	3,028	4,548	738	688	598	1,038
90-95	Diseases of the heart	16,806	133	808	628	3,980	7,224	962	875	848	1,348
96,97)	Diseases of the										
99,102)	arteries	9,589	95	542	370	1,871	4,632	558	437	452	632
107,109	Pneumonia	7,713	102	389	423	2,262	2,596	444	564	462	471
119,120	Diarrhoea and enteritis	4,202	23	159	415	2,527	562	142	202	115	57
130,132	Nephritis	6,522	95	313	221	2,896	1,945	191	267	240	354
140-150	Puerperal causes	1,060	12	25	39	397	319	55	86	76	51
161-173	Suicides	974	6	29	29	154	365	87	87	101	116
173-175	Homicides	137	1	4	3	30	51	8	9	18	13
	Automobile accidents	1,611	6	82	66	395	771	66	46	55	124
	Other violent deaths	4,594	35	252	183	1,160	1,661	218	304	299	482

(1) Exclusive of Yukon and the Northwest Territories.

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