

BIRTHS, DEATHS AND MARRIAGES IN THE FOURTH QUARTER OF 1940.

Live births in Canada during the fourth quarter of 1940 numbered 58,816 (preliminary figures) giving an equivalent annual rate of 20.5 per 1,000 population as compared with 53,120 births and a rate of 18.6 for the fourth quarter of 1939. There were 1,991 illegitimate births forming 3.4 per cent of all live births, as compared with 1,799 and the same rate. Stillbirths amounted to 1,592 or 2.6 per cent of all births as against 1,498 and a rate of 2.7 per cent.

Deaths totalled 29,200 with a rate of 10.2 per 1,000 population as compared with 26,321 and a rate of 9.2.

The natural increase for the quarter was 29,616 giving a rate of 10.3 per 1,000 population as against 26,799 or a rate of 9.4.

Deaths under one year of age numbered 3,648 and the infant mortality rate was 62 per 1,000 live births. These figures compared with 3,126 deaths and a rate of 59 for the corresponding period of 1939. Deaths under one month of age numbered 1,745 giving a rate of 30 per 1,000 live births as against 1,548 and a rate of 29. There were 253 maternal deaths as compared with 223 and the rate was 4.3 as against 4.2 per 1,000 live births.

The number of deaths assigned to certain causes in the fourth quarter of 1940 was as follows (the figures for the corresponding period of 1939 being given in parentheses in each case): Typhoid and paratyphoid fever, 69 (47); Small-pox, - (-); Measles, 54 (33); Scarlet fever, 38 (41); Whooping-cough, 184 (170); Diphtheria, 87 (100); Influenza, 1,104 (503); Infantile paralysis, 19 (16); Tuberculosis, 1,298 (1,321); Cancer, 3,381 (3,131); Cerebral haemorrhage, cerebral embolism and thrombosis, 565 (502); Diseases of the heart, 5,422 (4,729); Diseases of the arteries, 3,111 (2,728); Pneumonia, 1,808 (1,539); Diarrhoea and enteritis, 471 (524); Nephritis, 1,807 (1,595); Suicide, 199 (237); Homicide, 28 (31); Automobile accidents, 518 (559); Other violent deaths, 1,135 (1,072).

There were 29,519 marriages giving a rate of 10.3 as against 35,340 or a rate of 12.4 in the fourth quarter of 1939.

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 year 1940, with 1939 figures in parentheses: Live births, 243,566 (229,468); Birth rate, 21.4 (20.3); Illegitimate births, 9,516 (9,105); per cent of total live births, 3.9 (4.0); Stillbirths, 6,598 (6,365); per cent of total births, 2.6 (2.7); Deaths, 110,578 (108,951); Death rate, 9.7 (9.6); Natural increase, 132,988 (120,517); Rate of natural increase, 11.7 (10.7); Deaths under one year, 13,740 (13,939); Rate per 1,000 live births, 56 (61); Deaths under one month, 7,235 (7,038); Rate per 1,000 live births, 30 (31); Maternal deaths, 969 (967); Rate per 1,000 live births, 4.0 (4.2); Marriages, 123,277 (103,658); Marriage rate, 10.8 (9.2).

Deaths from certain causes for the year 1940 as compared with the corresponding figures for 1939 were as follows: Typhoid and paratyphoid fever, 225 (180); Small-pox, - (1); Measles, 167 (197); Scarlet fever, 125 (167); Whooping-cough, 622 (541); Diphtheria, 212 (336); Influenza, 2,769 (3,955); Infantile paralysis, 48 (56); Tuberculosis, 5,771 (5,977); Cancer, 13,279 (12,399); Cerebral haemorrhage, cerebral embolism and thrombosis, 2,287 (2,060); Diseases of the heart, 20,243 (18,562); Diseases of the arteries, 11,720 (10,884); Pneumonia, 6,117 (6,596); Diarrhoea and enteritis, 1,883 (2,375); Nephritis, 6,821 (6,538); Suicide, 944 (978); Homicide, 147 (124); Automobile accidents, 1,711 (1,584); Other violent deaths, 4,563 (4,487).



TABLE 1.

Summary of births, deaths and marriages by provinces, during the fourth quarter of 1940.

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	58,816	464	3,023	2,873	20,223	16,318	3,655	4,713	4,168	3,379
Legitimate	56,825	450	2,851	2,785	19,700	15,675	3,528	4,592	4,002	3,242
Illegitimate	1,991	14	172	88	523	643	127	121	166	137
Stillbirths	1,592	9	78	75	578	511	97	89	85	70
Deaths (exclusive of stillbirths)	29,200	297	1,716	1,376	8,505	10,017	1,631	1,681	1,666	2,311
Deaths under 1 year of age	3,648	35	216	262	1,496	826	198	237	220	158
Deaths under 1 month of age	1,745	17	92	109	700	436	101	108	105	77
Deaths from puerperal causes	253	2	13	15	103	63	11	15	16	15
Marriages	29,519	221	1,676	1,265	6,525	9,715	2,369	2,828	2,585	2,335

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 2.

Infant mortality (under one year) from certain causes in Canada (1), in the fourth quarter of 1940, compared with the fourth quarter of 1939.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1940	1939	1940	1939
7	Measles	28	7	48	13
8	Scarlet fever	1	7	2	13
9	Whooping-cough	134	120	228	226
10	Diphtheria	4	13	7	24
11	Influenza	210	111	357	209
15	Erysipelas	2	2	3	4
23-32	Tuberculosis	19	25	32	47
34	Syphilis	21	19	36	36
79	Simple meningitis	24	29	41	55
86	Convulsions	50	33	85	62
106	Bronchitis	16	10	27	19
107-109	Pneumonia	592	351	1,006	661
116-118	Diseases of the stomach	15	25	26	47
119	Diarrhoea and enteritis	307	327	522	616
122	Hernia, intestinal obstruction	12	13	20	24
157	Congenital malformations	350	364	595	685
158	Congenital debility	226	249	384	469
159	Premature birth	787	685	1,338	1,290
160	Injury at birth	229	214	389	403
161	Other diseases peculiar to early infancy	288	240	490	452
	Other specified causes	283	247	481	465
199,200	Unspecified or ill-defined causes	50	35	85	66
	All Causes	3,648	3,126	6,202	5,885

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 3.

Neo-natal mortality (under one month) from certain causes in Canada(1), in the fourth quarter of 1940, compared with the fourth quarter of 1939.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1940	1939	1940	1939
7	Measles	2	2	3	4
8	Scarlet fever	-	1	-	2
9	Whooping-cough	9	2	15	4
10	Diphtheria	-	-	-	-
11	Influenza	19	12	32	23
15	Erysipelas	1	1	2	2
23-32	Tuberculosis	-	2	-	4
34	Syphilis	6	6	10	11
79	Simple meningitis	2	3	3	6
86	Convulsions	15	10	26	19
106	Bronchitis	1	1	2	2
107-109	Pneumonia	81	48	138	90
116-118	Diseases of the stomach	4	6	7	11
119	Diarrhoea and enteritis	42	25	71	47
122	Hernia, intestinal obstruction	-	-	-	-
157	Congenital malformations	204	218	347	410
158	Congenital debility	165	159	281	299
159	Premature birth	701	614	1,192	1,156
160	Injury at birth	217	201	369	378
161	Other diseases peculiar to early infancy	222	182	377	343
	Other specified causes	47	46	80	87
199,200	Unspecified or ill-defined causes	7	9	12	17
	All causes	1,745	1,548	2,967	2,914

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 4.

Maternal mortality from certain causes in Canada (1), in the fourth quarter of 1940, compared with the fourth quarter of 1939.

Int. List No.	Causes of death	Number of deaths		Rate per 100,000 live births	
		1940	1939	1940	1939
140	Abortion with septic conditions	26	29	44	55
141	Abortion without mention of septic conditions (haemorrhage included)	12	6	20	11
142,143	Ectopic gestation and other accidents of pregnancy (haemorrhage excluded)	13	14	22	26
144	Puerperal haemorrhage	27	26	46	49
145	Puerperal septicaemia (not specified as consequent upon abortion)	56	43	95	81
146	Puerperal albuminuria and eclampsia	30	40	51	75
147	Other toxaeimias of pregnancy	14	11	24	21
148	Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	47	32	80	60
149,150	Other accidents of childbirth and other or unspecified conditions of the puerperal state	28	22	48	41
	All puerperal causes	253	223	430	420

(1) Exclusive of Yukon and the Northwest Territories.



TABLE 5.

Deaths at all ages from certain specified causes by provinces, during the fourth quarter of 1940.

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	69	-	-	5	40	9	6	4	1	4
6	Small-pox	-	-	-	-	-	-	-	-	-	-
7	Measles	54	9	10	1	22	6	3	-	2	1
8	Scarlet fever	38	-	1	-	20	5	1	5	4	2
9	Whooping-cough	184	-	10	21	82	24	12	15	18	2
10	Diphtheria	87	-	19	3	46	4	3	7	5	-
11	Influenza	1,104	24	112	62	348	219	34	91	115	99
16	Infantile paralysis	19	-	3	-	4	6	1	1	4	-
23-32	Tuberculosis	1,298	11	105	65	555	225	77	53	74	133
45-53	Cancer	3,381	37	178	140	932	1,198	213	187	198	298
82	Cerebral haemorrhage, cerebral embolism and thrombosis	565	16	52	52	90	224	39	28	27	37
90-95	Diseases of the heart	5,422	37	271	184	1,272	2,223	308	322	320	485
96,97, 99,102	Diseases of the arteries	3,111	23	171	129	574	1,539	179	156	114	226
107-109	Pneumonia	1,808	27	118	133	542	575	79	109	102	123
119,120	Diarrhoea and enteritis	471	1	11	41	250	55	33	32	25	23
130-132	Nephritis	1,807	12	93	59	834	543	53	63	59	91
140-150	Puerperal causes	253	2	13	15	103	63	11	15	16	15
163-171	Suicides	199	1	13	7	36	68	12	14	13	35
173-175	Homicides	28	-	2	-	4	9	1	1	5	6
	Automobile accidents	518	6	38	26	138	211	32	10	19	38
	Other violent deaths	1,135	8	59	43	244	450	69	59	73	130
	Other specified causes	7,481	73	418	350	2,340	2,343	453	499	458	547
199,200	Unspecified or ill-defined causes	168	10	19	40	29	18	12	10	14	16
	ALL CAUSES	29,200	297	1,716	1,376	8,505	10,017	1,631	1,681	1,666	2,311

(1) Exclusive of Yukon and the Northwest Territories.

TABLE 6.

Summary of births, deaths and marriages by provinces, during the year 1940.

	CANADA (1)	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
Live births	243,566	2,047	12,677	11,652	83,857	68,322	14,771	19,244	17,272	13,724
Legitimate	234,050	1,954	11,803	11,208	81,274	65,183	14,223	18,607	16,600	13,198
Illegitimate	9,516	93	874	444	2,583	3,139	548	637	672	526
Stillbirths	6,598	52	338	296	2,482	2,037	356	387	377	273
Deaths (exclusive of stillbirths)	110,578	1,057	6,123	4,959	32,799	38,386	6,339	6,437	6,194	8,284
Deaths under 1 year of age	13,740	135	788	930	5,856	2,959	756	968	830	518
Deaths under 1 month of age	7,235	70	379	453	2,954	1,805	356	493	431	294
Deaths from puerperal causes	969	6	46	55	377	254	57	62	69	43
Marriages	123,277	702	6,390	4,826	35,071	41,231	8,849	7,805	8,778	9,625

(1) Exclusive of Yukon and the Northwest Territories.

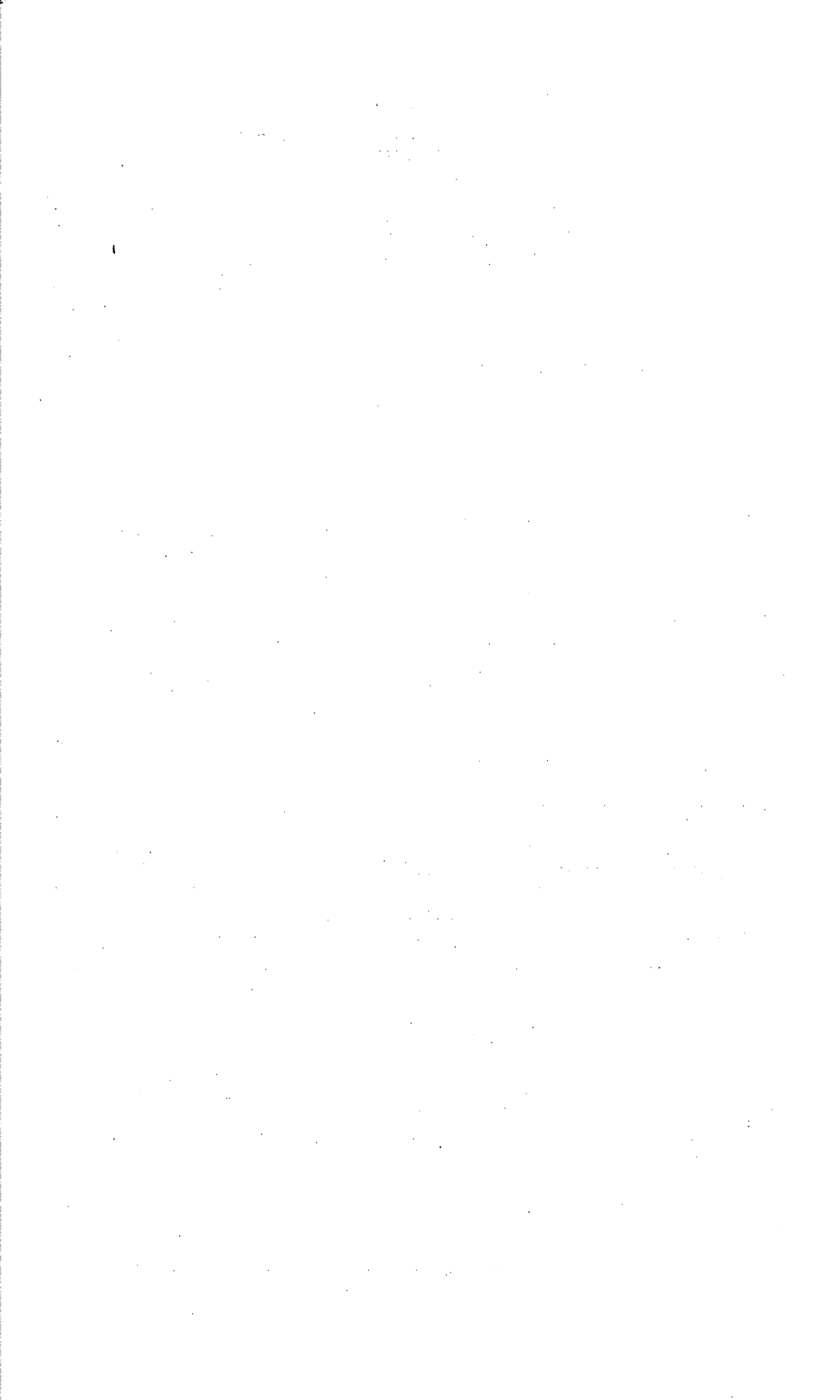


TABLE 7.

Deaths at all ages from certain specified causes by provinces, during the year, 1940.

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	225	1	2	19	130	27	18	17	3	8
6	Small-pox	-	-	-	-	-	-	-	-	-	-
7	Measles	167	9	14	1	71	31	18	14	6	3
8	Scarlet fever	125	-	2	1	66	31	5	9	9	2
9	Whooping-cough	622	1	53	70	258	69	46	61	55	9
10	Diphtheria	212	-	21	13	118	14	9	23	12	2
11	Influenza	2,769	40	249	105	955	605	140	246	254	175
16	Infantile paralysis	48	1	3	-	17	14	5	2	4	2
23-32	Tuberculosis	5,771	56	409	295	2,503	1,008	369	241	322	568
45-53	Cancer	13,279	111	748	531	3,591	4,828	808	732	757	1,173
82	Cerebral haemorrhage, cerebral embolism and thrombosis	2,287	50	207	183	448	901	127	119	116	136
90-95	Diseases of the heart	20,243	159	973	719	4,749	8,529	1,193	1,110	1,088	1,723
96,97,99,102	Diseases of the arteries	11,720	94	570	421	2,239	5,758	666	576	517	879
107-109	Pneumonia	6,117	89	372	379	1,761	1,975	372	398	376	395
119,120	Diarrhoea and enteritis	1,883	16	38	159	1,050	257	98	121	89	55
130-132	Nephritis	6,821	53	319	211	3,225	1,951	212	282	217	351
140-150	Puerperal causes	969	6	46	55	377	254	57	62	69	43
163-171	Suicides	944	5	28	28	156	336	61	94	96	140
173-175	Homicides	147	1	5	-	24	55	10	16	20	16
	Automobile accidents	1,711	10	105	81	434	746	87	59	73	116
	Other violent deaths	4,563	33	260	175	1,023	1,753	246	274	318	481
	Other specified causes	29,331	296	1,636	1,387	9,426	9,181	1,758	1,945	1,736	1,966
199,200	Unspecified or ill-defined causes	624	26	63	126	178	63	34	36	57	41
	ALL CAUSES	110,578	1,057	6,123	4,959	32,799	38,386	6,339	6,437	6,194	8,284

clusive of Yukon and the Northwest Territories.

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