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Dominion Statistician: R. H. Coats, B.A., F.S.S., F.R.S.C.
Chief, Demography Branch: E. S. Macphail

This bulletin gives a preliminary report on Births, Deaths and Marriages for the month of July for the Registration Area of Canada comprising the provinces of Prince Edward Island, Nova Scotia, New Brunswick, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia. In comparing the figures for July 1924 with those of the same month of the previous years it should be remembered that for the previous years the reports represent the final figures, while those for 1924 are provisional.

BIRTHS

Birth returns for Canada (exclusive of Quebec) numbered 12,605 being 6,466 males and 6,139 females in July 1924 as compared with 13,531 in July 1923; 14,109 in July 1922 and 14,342 in July 1921. The equivalent annual birth rate per 1,000 population for the month was 21.8 in 1924; 23.8 in 1923; 25.4 in 1922 and 26.4 in 1921.

Total births and equivalent annual birth rates per 1,000 population by provinces are given in Table I.

TABLE I - BIRTHS BY PROVINCES IN JULY 1924, 1923, 1922, 1921.

Provinces	Births (Stillbirths excluded)				Equivalent annual Birth rate per 1,000 population			
	1924	1923	1922	1921	1924	1923	1922	1921
P. E. Island	114	180	209	187	15.3	24.1	27.9	24.8
Nova Scotia	961	1,031	1,059	1,113	21.1	22.8	23.6	25.0
New Brunswick	879	870	1,014	997	25.8	25.9	30.4	30.9
Ontario	5,945	6,141	6,266	6,341	22.8	23.9	24.7	25.4
Manitoba	1,281	1,432	1,568	1,505	22.9	26.2	29.5	29.0
Saskatchewan	1,556	1,734	1,806	1,857	21.8	25.1	27.1	28.9
Alberta	1,024	1,299	1,352	1,398	18.4	24.1	26.0	28.0
British Columbia	845	844	835	944	17.6	17.9	18.2	21.2
TOTALS	12,605	13,531	14,109	14,342	21.8	23.8	25.4	26.4

Of the total births (12,605) reported for the Registration Area in July, 12,321 were single births, 139 twins (278 infants) and 2 cases of triplets (6 infants). During the month there were reported 468 stillbirths (443 confinements), making a total of 12,905 confinements as against 12,926 in the previous month.

TABLE 2.- LIVING BIRTHS CLASSIFIED ACCORDING TO SEX AND WHETHER SINGLE OR PLURAL, JULY 1924.

Provinces	Total	Male	Female	Single Births	Pairs of Twins	No. Triplets
P. E. Island	114	59	55	110	2	-
Nova Scotia	961	498	463	931	15	-
New Brunswick	879	451	428	861	9	-
Ontario	5,945	3,087	2,858	5,814	64	1
Manitoba	1,281	658	623	1,249	16	-
Saskatchewan	1,556	785	771	1,528	14	-
Alberta	1,024	523	501	995	14	1
British Columbia	845	405	440	835	5	-
TOTALS	12,605	6,466	6,139	12,321	139	2

Note: Included in single living births and single stillbirths are 20 cases of twins where one child was born alive and one dead.

Stillbirths reported in July were distributed as follows: Prince Edward Island 1; Nova Scotia 27; New Brunswick 19; Ontario 254; Manitoba 63; Saskatchewan 54; Alberta 27; British Columbia 23, a total for the eight provinces of 468.

The number of living births reported in each of the 13 cities with a population of 30,000 and over is given in Table 3. In eight of the cities there were fewer births reported in July 1924 than in July 1923. In only two cities Windsor and St. John were the number of living births reported equal to or greater in July 1924 than in July 1921.

TABLE 3.- BIRTHS IN CITIES OF 30,000 AND OVER, JULY 1924, 1923, 1922, 1921.

Cities of 30,000 and over	1924	1923	1922	1921
Toronto	1,090	1,134	1,117	1,191
Hamilton	262	255	275	286
Ottawa	251	236	287	250
London	144	129	136	146
Windsor	166	127	118	106
Winnipeg	413	457	533	525
Regina	76	75	95	89
Calgary	133	136	149	209
Edmonton	161	178	187	170
Vancouver	264	230	230	270
Victoria	53	85	83	77
Halifax	110	131	147	149
St. John	98	112	101	98

INFANTILE MORTALITY

Table 4 gives the number of children under one year of age who died in July, 1924, 1923, 1922, 1921, together with the infantile mortality rate per 1,000 livingbirths.

TABLE 4.- INFANT MORTALITY BY TOTALS FOR PROVINCES, JULY 1924, 1923, 1922, 1921, TOGETHER WITH THE RATE PER 1,000 LIVING BIRTHS.

Provinces	Infant Deaths				Infant Death Rate per 1,000 living births			
	1924	1923	1922	1921	1924	1923	1922	1921
P. E. Island	8	7	13	9	70.2	38.9	62.2	48.1
Nova Scotia	90	77	76	84	93.7	74.7	71.8	75.5
New Brunswick	69	58	67	109	78.5	66.7	66.1	109.3
Ontario	383	367	402	542	64.4	59.8	64.2	85.5
Manitoba	71	99	109	89	55.4	69.1	69.5	59.1
Saskatchewan	105	116	108	137	67.5	66.9	59.8	73.8
Alberta	66	87	81	71	64.5	67.0	59.9	50.8
British Columbia	40	31	47	32	47.3	36.7	56.3	33.9
TOTALS	832	842	903	1,073	66.0	62.3	64.0	74.8

Of the total number of infant deaths reported for July in the Registration Area 88.3 per cent or 735 out of 832 were attributable to the 16 causes of death listed in Table 5. The mortality among male children, under one year, was 69.1 per 1,000 males born or 447 to 6,466 living male births, while the mortality for females, under one year, was 62.7 per 1,000 females born or 385 deaths to 6,139 living female births.

TABLE 5,- MORTALITY OF CHILDREN UNDER ONE YEAR OF AGE FOR CERTAIN PRINCIPAL CAUSES OF DEATH, AND BY SEX IN PROVINCES, JULY 1924.

Causes of Death		Eight Provinces	P. E. Island	Nova Scotia	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
7. Measles	M.	2	-	2	-	-	-	-	-	-
	F.	3	-	-	-	3	-	-	-	-
9. Whooping Cough	M.	17	-	3	2	5	1	4	2	-
	F.	14	-	3	1	7	-	1	1	1
10. Diphtheria	M.	1	-	-	-	1	-	-	-	-
	F.	1	-	-	-	-	-	1	-	-
11. Influenza	M.	-	-	-	-	-	-	-	-	-
	F.	1	-	-	-	-	1	-	-	-
31-37. Tuberculosis	M.	5	-	-	1	1	-	1	-	2
	F.	3	-	-	1	-	1	1	-	-
38. Syphilis	M.	3	-	1	1	-	-	-	-	1
	F.	1	-	-	-	1	-	-	-	-
71. Meningitis	M.	3	-	-	-	2	1	-	-	-
	F.	5	-	-	1	2	-	-	1	1
80. Convulsions	M.	9	-	3	-	5	-	1	-	-
	F.	9	-	5	2	-	1	-	-	1
99. Bronchitis	M.	-	-	-	-	-	-	-	-	-
	F.	2	-	-	-	1	-	1	-	-
100-101. Pneumonia	M.	37	-	3	3	18	4	3	4	2
	F.	31	1	1	1	18	2	5	2	1
112-113. Gastro Intestinal Diseases	M.	37	-	8	3	13	5	4	3	1
	F.	43	-	2	6	18	4	7	9	2
159. Congenital Malformations	M.	45	2	2	-	27	5	7	1	1
	F.	27	-	1	1	16	3	4	-	2
160. Congenital Debility	M.	49	-	4	4	28	1	6	5	1
	F.	47	1	7	6	25	3	3	1	1
161A. Premature Birth	M.	125	-	13	8	64	15	16	6	3
	F.	127	1	15	9	63	8	12	10	9
161B. Injury at Birth	M.	31	-	4	2	13	1	4	4	3
	F.	17	-	2	-	8	3	2	1	1
162-163. Other diseases, early infancy	M.	22	-	-	1	11	3	3	2	2
	F.	13	1	-	2	5	1	2	2	-
All other causes	M.	61	-	10	8	18	7	11	6	1
	F.	36	2	1	6	10	1	6	6	4
Total, Both Sexes		832	8	90	69	383	71	105	66	40
Total, Males		447	2	53	33	206	43	60	33	17
Total, Females		385	6	37	36	177	28	45	33	23
Rate per 1,000 living births		66.0	70.2	93.7	78.5	64.4	55.4	67.5	64.5	47.3

M.- Males: F.-Females. The number annexed to the "Causes of Death" refers to the "International List".

MATERNAL MORTALITY

The statistics relative to Maternal Mortality are given in Tables 6 and 7. In Table 6 the deaths are classified according to the age of decedents and rate per 1,000 living births, while in Table 7 the mortality is distributed according to the 1920 International List of Causes of Death.

TABLE 6.- MATERNAL MORTALITY, JULY 1924, BY AGE GROUPS.

Age Groups	Total	P.E.I.	N.S.	N.B.	Ont.	Man.	Sask.	Alta.	B.C.
15 - 19	6	-	-	-	3	1	1	1	-
20 - 24	13	-	1	-	7	1	-	2	2
25 - 29	15	-	2	2	5	1	3	2	-
30 - 39	37	-	3	3	19	4	5	1	2
40 - 49	5	1	-	-	3	-	-	1	-
50 and over	-	-	-	-	-	-	-	-	-
Age not stated	-	-	-	-	-	-	-	-	-
Totals	76	1	6	5	37	7	9	7	4
Rate per 1,000 living (1924	6.0	8.8	6.2	5.7	6.3	5.5	5.8	6.8	4.7
(1923	5.0	-	5.0	4.7	5.0	6.3	4.5	1.7	9.2
(1922	5.1	4.8	5.7	4.9	4.8	3.3	5.5	5.9	7.2
(1921	5.2	-	3.6	2.0	5.5	4.0	7.5	6.4	4.2

TABLE 7.- MATERNAL MORTALITY BY CAUSES OF DEATH, JULY 1924.

Causes of Death	Total	P.E. ISLAND	Nova Scotia	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia
143. Accidents of pregnancy	7	-	1	-	3	-	2	1	-
(a) Abortion	4	-	1	-	2	-	-	1	-
(b) Ectopic gestation	1	-	-	-	-	-	1	-	-
(c) Other accidents of pregnancy	2	-	-	-	1	-	1	-	-
144. Puerperal haemorrhage	4	-	-	1	2	-	1	-	-
145. Other accidents at childbirth	9	-	1	-	4	1	3	-	-
(a) Caesarean section	3	-	-	-	2	-	1	-	-
(b) Other surgical operations and instrumental delivery	3	-	-	-	2	-	1	-	-
(c) Others under this title	3	-	1	-	-	1	1	-	-
146. Puerperal sepsis	22	-	1	1	13	2	-	1	4
147. Phlegmasia alba dolens; puerperal embolism or sudden death in puerperium	5	-	-	-	4	-	-	1	-
148. Puerperal albuminuria and convulsions	22	1	2	2	10	3	1	3	-
149. Following childbirth (not otherwise defined)	7	-	1	1	1	1	2	1	-
150. Puerperal diseases of the breast	-	-	-	-	-	-	-	-	-
TOTALS	76	1	6	5	37	7	9	7	4

MORTALITY (All Causes)

Total deaths in an estimated population of 6,833,000 for July 1924 numbered 4,844 as against 4,825 in a population of 6,690,000 in July 1923, 4,856 in a population of 6,551,000 in July 1922 and 5,067 in a population of 6,407,000 in July 1921. The equivalent annual death rate for July 1924 was 8.4 per 1,000 population as compared with 8.5 in July 1923, 8.7 in July 1922 and 9.3 in July 1921.

TABLE 8.- TOTAL DEATHS AND DEATH RATES BY PROVINCES, JULY 1924, 1923, 1922, 1921.

Provinces	Total Deaths				Equivalent annual death rate per 1,000 population			
	1924	1923	1922	1921	1924	1923	1922	1921
P. E. Island	57	75	63	85	7.6	10.0	8.4	11.3
Nova Scotia	494	460	458	437	10.9	10.2	10.2	9.8
New Brunswick	344	325	339	415	10.1	9.7	10.2	12.9
Ontario	2,464	2,416	2,454	2,704	9.5	9.4	9.7	10.9
Manitoba	364	365	413	369	6.1	6.7	7.8	7.1
Saskatchewan	421	424	434	434	5.9	6.1	6.5	6.7
Alberta	344	387	337	330	6.2	7.2	6.9	6.6
British Columbia	356	373	340	395	7.4	7.9	7.4	6.6
TOTALS	4,844	4,825	4,856	5,067	8.4	8.5	8.7	9.3

Of the total number (4,844) of deaths reported for July 1924 more than 72 per cent were credited to the 27 causes listed in the following statement. The names of the diseases are given in numerical order according to the "International Classification".

TABLE 9.- DEATHS BY CERTAIN SPECIFIED CAUSES BY PROVINCES, JULY 1924.

Causes of Death	Total	P.E.I.	N.S.	N.B.	Ont.	Man.	Sask	Alta.	B.C.
10. Diphtheria	42	-	-	3	17	5	9	6	2
11. Influenza	33	-	3	1	16	3	5	3	2
31. Tuberculosis of the lungs	299	4	40	31	127	28	30	12	27
32-37. Tuberculosis, other organs	75	1	11	3	38	6	5	4	7
43-49. Cancer	450	6	46	32	244	39	30	29	34
57. Diabetes mellitus	48	2	3	4	21	3	4	2	10
58. Anaemia chlorosis	62	-	4	5	44	2	2	3	2
74. Cerebral haemorrhage	168	1	20	16	102	10	5	4	10
75-76. Paralysis	60	-	6	14	25	3	2	7	3
80. Convulsions (under 5 years)	24	1	9	3	7	1	2	-	1
87-90. Diseases of the heart	562	8	53	30	324	38	29	35	45
91. Diseases of the arteries	260	2	36	13	168	14	12	14	11
99. Bronchitis	22	1	1	1	12	2	4	-	1
100-101. Pneumonia	219	1	19	15	106	18	27	18	15
113-114. Diarrhoea and Enteritis	112	1	11	11	41	13	12	19	4
117. Appendicitis	66	-	5	4	27	8	8	10	4
128-129. Nephritis	216	2	21	13	110	18	15	20	17
143-150. Maternal Mortality	76	1	6	5	37	7	9	7	4
159. Congenital Malformations	76	2	3	1	46	7	12	1	4
160. Congenital Debility	96	1	11	10	53	4	9	6	2
161A. Premature Birth	253	1	28	17	128	23	28	16	12
161B. Injury at Birth	48	-	6	2	31	4	6	5	4
164. Senility	172	2	39	23	87	6	8	2	5
188A. Railroad Accidents	28	-	1	1	17	4	2	1	2
188B. Street Car "	3	-	-	-	3	-	-	-	-
188C. Automobile "	43	-	3	-	25	3	3	2	7
188.D.E.F. Other Traffic Accidents	14	-	-	2	7	3	-	1	1
All other causes	1,317	20	120	94	611	92	143	117	120
TOTALS	4,844	57	494	344	2,464	364	421	344	356

TABLE 10.- DEATHS FROM CANCER BY SEX, JULY, 1924.

Kinds		Total	P.E.I.	N.S.	N.B.	Ont.	Man.	Sask.	Alta.	B.C.
Total		450	6	46	22	244	39	30	29	34
	M.	208	5	26	11	102	13	15	15	16
	F.	242	1	20	11	142	21	15	14	18
43. Buccal Cavity	M.	19	1	2	1	11	1	-	3	-
	F.	5	-	-	1	4	-	-	-	-
44. Stomach & Liver	M.	97	3	14	7	42	11	8	5	7
	F.	64	-	5	4	37	8	4	1	5
45. Peritoneum intestines and rectum	M.	36	-	4	1	20	3	1	2	5
	F.	42	1	8	-	23	4	3	2	2
46. Female genital organs	F.	44	-	2	2	27	4	4	3	2
47. Breast	M.	2	-	1	-	1	-	-	-	-
	F.	42	-	3	-	34	3	1	5	6
48. Skin	M.	6	-	1	-	3	-	2	-	-
	F.	3	-	-	-	3	-	-	-	-
49. Unspecified organs	M.	48	1	4	2	25	3	4	5	4
	F.	42	-	2	4	25	2	3	3	3

TABLE 11.- DEATHS FROM TUBERCULOSIS BY SEX, JULY, 1924.

Kinds		Total	P.E.I.	N.S.	N.B.	Ont.	Man.	Sask.	Alta.	B.C.
Total		374	5	51	34	165	34	35	16	34
	M.	178	3	21	12	85	16	13	9	19
	F.	196	2	30	22	80	18	22	7	15
31. Respiratory System	M.	140	2	15	11	67	13	9	7	16
	F.	159	2	25	20	60	15	21	5	11
32. Meninges and central nervous system	M.	12	-	3	-	4	1	1	-	3
	F.	14	-	3	-	7	1	1	1	1
33. Intestines and peritoneum	M.	9	1	-	1	4	1	2	-	-
	F.	8	-	-	1	4	1	-	1	1
34. Vertebral column	M.	4	-	1	-	2	-	-	1	-
	F.	2	-	-	1	1	-	-	-	-
35. Joints	M.	2	-	-	-	2	-	-	-	-
	F.	2	-	-	-	2	-	-	-	-
36. Other organs	M.	2	-	-	-	2	-	-	-	-
	F.	2	-	1	-	-	-	-	-	1
37. Disseminated	M.	9	-	2	-	4	1	1	1	-
	F.	9	-	1	-	6	1	-	-	1

TABLE 12.-DEATHS BY CERTAIN SPECIFIED CAUSES IN CITIES OF 30,000 and OVER, JULY, 1924.

Causes of Death	Total	Toronto	Hamilton	Ottawa	London	Windsor	Winnipeg	Regina	Calgary	Edmonton	Vancouver	Victoria	Halifax	St. John
Diphtheria	13	3	4	1	-	-	-	1	1	-	1	-	-	1
Influenza	3	2	-	-	-	-	-	-	1	-	-	-	-	-
Tuberculosis of the lungs	56	9	6	5	2	1	9	1	1	-	9	1	7	5
Tuberculosis, Other organs	24	10	1	1	3	-	1	1	-	1	2	-	3	1
Cancer	145	53	14	7	6	6	15	4	6	9	16	2	5	2
Diabetes mellitus	17	7	1	-	-	1	-	2	1	-	5	-	-	-
Anaemia chlorosis	14	8	1	1	1	1	-	-	2	-	-	-	-	-
Cerebral haemorrhage	36	13	3	3	3	1	2	-	2	-	3	2	3	1
Paralysis	14	7	1	-	1	-	1	-	-	2	1	1	-	-
Convulsions (under 5 years)	4	1	-	1	-	-	-	-	-	-	-	-	2	-
Diseases of the heart	140	52	8	12	7	7	15	4	5	2	14	4	4	6
Diseases of the arteries	66	31	5	5	6	3	1	1	1	3	-	1	5	4
Bronchitis	4	3	1	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	56	24	5	4	4	1	3	1	3	3	3	1	2	2
Diarrhoea and Enteritis	18	2	3	2	1	2	2	-	-	4	2	-	-	-
Appendicitis	26	4	3	-	-	3	3	3	4	-	1	1	1	1
Nephritis	49	15	8	5	3	2	2	-	2	4	7	-	1	-
Maternal Mortality	19	6	2	2	1	-	2	2	1	-	2	1	-	-
Congenital Malformations	21	9	2	2	1	1	3	-	-	1	1	-	1	-
Congenital Debility	22	8	5	1	2	1	1	1	-	-	-	-	2	1
Premature Birth	71	26	6	5	3	4	5	3	1	5	3	2	5	3
Injury at Birth	17	5	1	1	2	-	3	1	-	2	1	1	1	-
Senility	21	3	2	3	2	-	2	1	-	-	1	2	5	1
Railroad Accidents	1	-	-	-	-	-	-	-	1	-	-	-	-	-
Street Car "	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Automobile "	15	5	-	-	1	1	2	-	1	-	5	-	-	-
Other Traffic "	1	-	-	-	-	-	-	-	-	-	-	-	-	1
All other causes	282	91	17	23	17	14	24	4	11	16	41	9	10	6
TOTALS	1,157	399	99	82	66	49	97	30	44	53	118	28	57	35

MARRIAGES

TABLE 13.- MARRIAGES REPORTED IN JULY, 1924, 1923, 1922, 1921.

Provinces	Number				Equivalent Annual Rate per 1,000 population			
	1924	1923	1922	1921	1924	1923	1922	1921
P. E. Island	35	43	42	36	4.7	5.8	5.6	4.8
Nova Scotia	257	264	243	277	5.2	5.8	5.4	6.2
New Brunswick	312	267	267	260	9.2	8.0	8.0	8.1
Ontario	1,391	1,881	1,678	1,715	7.3	7.3	6.6	6.9
Manitoba	338	404	408	457	6.0	7.4	7.7	8.4
Saskatchewan	389	364	444	390	5.4	5.3	6.7	6.1
Alberta	380	371	376	370	6.3	6.9	7.2	7.4
British Columbia	409	366	348	347	8.5	7.8	7.6	7.8
TOTALS	3,991	3,960	3,806	3,832	6.9	7.0	6.8	7.0

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