

Pollution of Water Supplies

It has been so far accepted, and is now almost the general rule, to consider that a continued typhoid death rate of over 20 per 100,000 of population is an indication that the public water supply is greatly at fault. With the object of ascertaining how this rule would work out for Canadian cities, information has been obtained as to the deaths from typhoid fever reported in cities of Canada during the decade 1900-1909, and this has been set forth in Table A.

TABLE A—TYPHOID FEVER.
Mortality Statistics of Cities of Canada, by provinces, 1900-1909 (inclusive).

PROVINCE	CITY	RATE PER 100,000 OF POPULATION BY YEARS									
		1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Alberta	Edmonton		75.4	20.0	32.3	37.5	40.0	254.3	180.0	110.0	76.0
British Columbia	Nanaimo	80.0			40.0				18.1		
	New Westminster		46.1				25.0	62.6	42.1	76.1	58.3
	Rossland							18.1		25.0	25.0
	Vancouver							15.3	26.9	10.5	8.8
Manitoba	Victoria	39.1	21.7		18.5	3.4	16.1	18.1	17.1	5.4	10.0
	Winnipeg	122.3	118.3	95.0	82.8	248.3	175.0	108.8	49.2	40.5	38.4
New Brunswick	Moncton	87.5	58.8	88.8	42.1	10.0	47.6	36.3	34.7	58.3	8.0
	St. John	26.1									31.2
Nova Scotia	Halifax										4.0
	Sydney		90.9	8.3	16.6	30.7	15.3	42.8	13.3	31.2	11.7
Ontario	Fort William				88.6	200.2	132.6	946.9		98.5	94.0
	Hamilton	23.2	18.9	13.0	11.1	12.7	13.8	33.5	17.9	14.0	
	Kingston	16.5	32.8	10.8	87.6	21.6	38.4	37.9	32.2	41.7	31.2
	London					67.3	23.9	44.0	6.7	10.4	4.0
	Niagara Falls		44.0			14.1		37.7	37.0	74.0	24.3
	Ottawa	31.6	19.7	15.9	9.7	11.0	20.0	20.7	51.6	26.1	31.2
	Peterborough	73.5	36.5	18.0	34.6	49.3	41.7	26.7	25.0	18.1	5.9
	St. Catharines	38.6	57.0	47.1	18.7	36.6	44.7	25.5			24.3
	Stratford	28.7	46.4		37.2	26.1	24.5	23.3	7.5		20.7
	Toronto	10.5	11.1	11.8	15.9	18.1	16.7	24.8	19.4	19.8	25.7
Prince Edward Is.	Woodstock	137.6	52.9	10.5	21.1	31.7	21.1	43.2	10.8	43.2	
	Charlottetown							16.6	16.6		8.3
Quebec	Montreal	42.6	44.4	30.9	31.4	31.8	18.1	37.0	33.2	33.1	53.8
	Quebec	7.3	13.0							23.1	5.3
	Sherbrooke	476.6	227.0	60.8	60.8	30.7	52.3	21.6	108.0	131.4	78.4
Saskatchewan	Saskatoon									133.3	66.6

Computations are made only where the number of deaths and estimated population are given. In some