

been responsible, in part, for the increase in the number of cases of communicable diseases registered. The following table shows the principal communicable diseases together, the number of cases, the number of deaths, the fatality case rate, and the death rate per 100,000 population.

TABLE III

Principal Communicable Diseases, Cases, Deaths, Death per 100 cases, and deaths per 100,000 population.

Year	Cases	Deaths	Deaths per 100 cases	Death Rate per 100,000 population
1939	146,709	18,312	12.5	160.0
1940	161,574	16,455	10.2	144.6
1941	255,031	16,523	6.5	148.6
1942	178,418	14,844	8.3	127.6

Throughout the war years, both the total crude death rate from communicable diseases and the fatality case rate were lower than in the last pre-war year, with the exception of 1941, which was an epidemic year. Conditions in wartime have not been altogether favourable to the control of communicable disease, because of the increased mobility of the population, overcrowding and poor housing conditions, and the shortage of medical and nursing personnel. There has not, however, been any major set-back in the health record. The following table shows the figures for the fourteen principal communicable diseases separately.

TABLE IV

Cases and Death Rates per 100,000 Population for the Principal Communicable Diseases in Canada, 1933-1943.

Cause	1933	1936	1939	1940	1941	1942	1943
Measles.....	13,569	55,724	44,477	45,851	81,051	26,258	60,466
Rubella.....	835	69,401	1,799	4,621	56,777	4,511	4,531
Chickenpox.....	23,343	25,436	25,325	32,758	27,867	30,914	30,453
Smallpox.....	100	62	198	11	26	6	6
Mumps.....	8,080	3,368	5,844	13,498	22,936	52,344	48,804
Scarlet fever.....	10,009	21,232	15,179	13,712	16,966	20,648	18,659
Diphtheria.....	2,377	2,032	2,897	2,335	2,866	2,955	2,804
Whooping cough.....	14,622	16,319	17,972	19,878	16,647	18,384	19,062
Acute poliomyelitis and polioencephalitis.....	253	978	359	192	1,881	687	527
Acute infectious encephalitis.....	34	24	40	32	1,133	81	45
Cerebrospinal meningitis.....	121	138	162	374	1,465	765	516
Influenza.....	8,181	6,796	18,395	13,704	9,656	3,397	16,856
Tuberculosis.....	8,447	8,638	10,182	10,226	10,475	12,015	12,361
Typhoid and paratyphoid fever..	2,340	1,823	1,317	1,570	1,550	1,142	1,154

Death Rates per 100,000 Population

Measles.....	1.6	3.4	1.7	1.5	2.8	1.1	1.1
Rubella.....	-	0.3	-	(2)	-	-	-
Chickenpox.....	0.3	0.3	0.2	0.2	0.16	0.24	0.24
Smallpox.....	0.1	(2)	(2)	-	-	-	-
Mumps.....	(1)	(1)	0.1	0.2	0.2	0.4	0.4
Scarlet fever.....	1.5	2.2	1.5	1.1	1.0	1.1	1.1
Diphtheria.....	2.2	2.3	3.0	1.9	2.1	2.2	2.2