

### Subsection 2.—Notifiable Diseases and Other Health Statistics\*

In addition to the administrative, or non-morbidity, type of hospital statistics dealt with on pp. 286-296, health statistics collected nationally include series on notifiable diseases and illness among federal civil servants; these are dealt with briefly below.

**Notifiable Diseases.**—In terms of number of new cases, the major infectious diseases reportable on a national basis were, in 1962, the venereal diseases combined (20,133 cases), infectious and serum hepatitis (12,538 cases), and scarlet fever and streptococcal sore throat (10,241 cases). Despite its relatively high level, the incidence of scarlet fever and streptococcal sore throat was 56.3 p.c. below the peak reached in 1959; the rate of infection was 55.1 cases per 100,000 population, which compared favourably with the corresponding 1959 rate of 134.2. In proportion to population, the province most severely affected in 1962 was Prince Edward Island, where the rate was more than 30 times that for the country as a whole.

Year-to-year increases, which exceeded the rate of growth in the population at risk, occurred between 1959 and 1962 in the incidence of the venereal diseases, the rate of new infections rising from 97.3 to 108.4 per 100,000 population. As in 1961, British Columbia contributed the largest number of cases, but the case-rate for that province (257.7 per 100,000 persons) was lower than those for the Yukon Territory, the Northwest Territories and Alberta. Among the reportable types of venereal disease, gonorrhoea accounted for 87.9 p.c. of total cases nationally, and for 92.6 p.c. of the British Columbia cases.

The rate of viral hepatitis infections increased from 27.1 cases per 100,000 population in 1959 to 67.5 in 1961 and remained at that level in 1962.

In recent years the most significant decline in the incidence of a notifiable disease has been the falling off in reported cases of paralytic poliomyelitis. Contributing to the decrease have been the development of vaccines and mass inoculation and feeding programs undertaken by public health authorities. Only 89 new cases were reported during 1962; this was the smallest number for any year since 1949, the first year statistics on this disease were compiled nationally.

\* Prepared in the Public Health Section, Health and Welfare Division, Dominion Bureau of Statistics.

#### 15.—Reported Cases of Selected Notifiable Diseases and Rates per 100,000 Population, 1959-62

International List No.	Disease	Cases				Rates per 100,000 Population			
		1959 <sup>1</sup>	1960 <sup>2</sup>	1961 <sup>2</sup>	1962 <sup>2</sup>	1959 <sup>1</sup>	1960 <sup>2</sup>	1961 <sup>2</sup>	1962 <sup>2</sup>
		No.	No.	No.	No.				
044	Brucellosis (undulant fever)...	120	142	109	98	0.8	0.9	0.6	0.5
764	Diarrhoea of the newborn, epidemic.....	92	72	81	82	0.5	0.7	0.7	0.7
056	Diphtheria.....	38	55	91	71	0.2	0.3	0.5	0.4
045, 046,	Dysentery <sup>3</sup> .....	1,416	3,279	3,250	2,910	8.1	18.4	17.8	15.7
046	Amoebic.....	2	4	12	7	4	4	0.1	4
045	Bacillary.....	1,238	2,640	1,479	1,241	7.1	14.8	8.1	6.7
082.0	Encephalitis, infectious.....	15	9	1	4	0.1	0.1	4	4
049.0, 042.1, 049.2	Food poisoning.....	847	1,216	1,288	1,413	4.9	10.4	10.7	11.6
092, N998.5	Hepatitis, infectious (including serum hepatitis).....	4,728	6,314	12,314	12,538	27.1	35.4	67.5	67.5
080.2, 082.1	Meningitis, viral or aseptic.....	896	694	412	278	5.1	6.0	3.5	2.3
057	Meningococcal infections.....	201	158	122	110	1.2	0.9	0.7	0.6
766	Pemphigus neonatorum (impetigo of the newborn).....	5	7	13	13	5	0.1	0.1	0.1
056	Fertussis (whooping cough)....	7,259	5,992	5,476	8,076	41.6	33.6	30.0	43.5
080.0, 080.1	Poliomyelitis, paralytic.....	1,887	909	188	89	10.8	5.1	1.0	0.5
050, 051	Scarlet fever and streptococcal sore throat.....	23,413	21,251	13,060	10,241	134.2	119.3	71.6	55.1
040, 041	Typhoid and paratyphoid fever	544	355	266	276	3.1	1.9	1.5	1.5
	Venereal diseases <sup>4</sup> .....	16,978	17,834	18,774	20,133	97.3	100.1	102.9	108.4
030-034	Gonorrhoea.....	14,826	15,661	16,460	17,697	85.0	87.9	90.2	95.3
020-021.3, 023, 024, 026-029	Syphilis.....	2,144	2,168	2,311	2,439	12.3	12.2	12.7	13.1

<sup>1</sup> Excludes the Northwest Territories.

<sup>2</sup> Includes venereal diseases only for the Northwest Territories.

<sup>3</sup> Includes other cases and cases where type not specified.

<sup>4</sup> Less than 0.05 per 100,000 population.