

I append two tables, which show graphically—

In No. II the incidence of the three infectious diseases requiring in certain circumstances provision for them in an isolation hospital; and, alongside them, tuberculosis. The divisions in the table refer to the hospital districts which would have charge of these if such provision were in operation. This may be useful for future guidance.

In No. III I have made up from our notified records of the past five years a table showing for each year, and for each local authority's district, the number of cases of the four diseases which may be ascribed to an avoidable source, with the average numbers taken as per annum calculated on the quinquennial record. This quinquennial period, on which disease-records are frequently based in the Home-country, may be useful in some time as forming a means of estimating the expected disease-incidence of my district, and as time goes on we may be enabled, as in England, to formulate a disease-ratio for the towns and country districts, and therefore deduce the increase or decrease in the health of the country generally. Such a record has now been formulated for Great Britain, and the increase above the normal of the expected amount of such localised diseases in any particular district is held to call for special inquiry.

Table II.—Showing the Incidence of Three Infectious Diseases for which an Epidemic Hospital would serve in the Various Convenient Sub-districts into which the Otago-Southland District might be divided.

	Scarlet Fever.	Diphtheria.	Enteric Fever.	Tuberculosis.
Dunedin	11	9	9	18
Mornington	3	...	...	2
Roslyn	1	2	...	4
St. Kilda ... ..	...	...	...	2
North-east Valley	1	2	...	3
Maori Hill ... ..	...	...	...	1
West Harbour ... ..	...	...	1	1
Port Chalmers	1	...	1	3
Tairi County	2	1	1	6
Bruce County	57	3	...	2
Clutha County	8	...	...	1
Peninsula County ... ..	...	...	...	...
Waihemo County	7	...	...	3
Waikouaiti County	5	...	...	1
	96	17	12	47
Invercargill	14	...	2	17
Southland County	22	4	...	10
Lake County	1	...	1	7
	37	4	3	34
Wallace County	25	...	...	5
Tuapeka County ... ..	...	...	5	2
Vincent County	22	1	3	...
Maniototo County ... ..	...	...	...	5

Table III.—Showing the Notified Infectious Diseases mainly arising from Bad Hygienic Conditions—viz., Enteric Fever, Diphtheria, and Tuberculosis, during the Quinquennial Period of Five Years—1902-3 to 1906-7.

		1902-3.	1903-4.	1904-5.	1905-6.	1906-7.	Total.	Average.
Dunedin City	Enteric fever	5	16	13	9	9	52	10.4
(Population, 36,075.)	Diphtheria	13	3	2	3	9	30	6.0
	Tuberculosis	51	20	29	24	18	142	28.4
Mornington	Enteric fever	...	...	1	1	...	2	0.4
(Population, 4,150.)	Diphtheria	...	...	...	...	...	...	...
	Tuberculosis	6	1	2	...	2	11	2.2
Roslyn	Enteric fever	1	2	...	...	...	3	0.6
(Population, 5,439.)	Diphtheria	1	3	...	...	2	5	1.2
	Tuberculosis	5	1	4	4	4	18	3.6
St. Kilda	Enteric fever	1	...	...	...	...	1	0.2
(Population, 2,580.)	Diphtheria	4	1	1	1	...	7	1.4
	Tuberculosis	2	1	...	...	2	5	1.0
North-east Valley	Enteric fever	1	...	...	1	...	2	0.4
(Population, 4,379.)	Diphtheria	2	...	...	...	2	4	0.8
	Tuberculosis	6	2	...	...	3	11	2.2
Maori Hill	Enteric fever	1	1	...	...	...	2	0.4
(Population, 1,887.)	Diphtheria	...	...	...	...	...	...	...
	Tuberculosis	2	2	1	1	1	7	1.4