

SECTION 4.—BACTERIOLOGICAL LABORATORIES.

The following table shows the work of a public-health nature performed in the Bacteriological Laboratories at Auckland, Napier, Wellington, Christchurch, Dunedin, and Invercargill during the year ended 31st December, 1920 :—

Disease.	Number of Examinations.											
	Positive.						Negative.					
	Auckland.	Napier.	Wellington.	Christchurch.	Dunedin.	Invercargill.	Auckland.	Napier.	Wellington.	Christchurch.	Dunedin.	Invercargill.
Diphtheria diagnosis	311	47	564	225	231	39	823	190	2,466	922	1,355	143
„ clearance	121	81	..	703	316	176	192	108	..	2,612	672	138
„ contacts	..	..	..	52	..	28	..	..	..	650	..	89
Tuberculosis, pulmonary	133	85	260	65	146	40	768	236	932	473	595	174
„ cerebro-spinal	2	4	1	..	2	2	32	8	7	13	38	7
„ genito-urinary	4	18	10	14	7	2	36	71	57	219	52	18
„ other lesions	2	10	9	3	4	..	13	17	41	40	13	4
Typhoid-fever diagnosis: Agglutination reaction	43	23	45	24	10	2	122	96	175	67	22	10
Typhoid-fever diagnosis. Blood culture	..	..	..	6	3	..	26	..	1	7	2	2
„ clearance	..	..	..	1	..	..	2	..	..	22	3	..
„ faeces	2	12	..	3	1	..	74	26	36	82	25	1
„ urine	3	3	..	7	2	..	24	9	48	56	10	1
Pneumococcal meningitis	3	2	4	2	..	..	25	2	2	1	..	..
Meningococcal „	6	..	21	6	8	..	30	15	50	32	6	10
Influenzal „	1	..	..	..	..	..	..	..	..	..	..	..
Meningococcal carriers (diagnosis)	..	..	..	..	..	..	..	3	14	7	7	2
„ (clearance)	..	..	..	..	..	..	..	..	..	..	..	..
„ contacts	..	..	..	..	..	..	..	..	..	20	..	1
Gonorrhœa	89	41	332	129	15	11	280	116	368	271	40	21
Gonococcal ophthalmia	3	1	6	1	1	1	2	5	5	8	..	1
Syphilis, spirochæte	2	2	3	..	1	..	7	6	12	3	6	..
„ Wassermann reaction	461*	..	757†	238‡	163§	..	928	..	1,142	589	351	..
Hydatid disease—												
Pulmonary	..	..	1	..	..	..	..	2	..	7	2	1
Liver	..	..	..	..	..	..	..	1	..	..	..	..
Sputum and pus	..	..	..	5	..	..	..	1	..	25	..	..
Pleural	..	..	..	..	..	..	..	4	..	..	..	..
Lung	..	3	..	..	..	..	..	4	..	..	..	..
Others	..	..	..	..	..	1	..	2	2	..	..	1
Other diseases—												
Vincent's angina	2	7	46	7	..	1	..	1	43	9	..	2
Influenza sputum	2	13	..	45	27	2	..	6	..	27	2	..
Anæbic dysentery	..	..	..	..	..	..	..	2	5	..	..	..
Malaria	..	..	..	..	..	..	..	6	2	..	..	..
Puerperal septicæmia	..	2	..	..	..	..	..	15	..	..	..	..
Leprosy	1	..	..	..	..	..	2	2	1	2	..	..
Anthrax	..	..	..	..	..	..	..	2	1	..	..	..
Ringworm	..	..	1	..	..	..	..	..	1	1	..	1
Cysticercus cellulosæ (rabbit)	1	..	..	..	..	..	..	..	..	..	..	..
Bilharzia hamatobium	..	..	..	..	..	..	..	..	1	..	..	..
Lethargic encephalitis	..	1	..	..	..	..	..	..	..	..	..	..
Pneumococcus sputa	1	6	..	..	..	2	3	..	..	..	..	..
Malignant œdema	..	..	..	..	..	..	..	..	1	..	..	..
Tetanus	..	..	..	..	..	1	..	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	1	..	..	..
Conjunctival diphtheria	..	..	1	..	..	..	..	..	..	..	..	..
Empyæmia	..	3	..	..	..	..	..	..	..	..	..	..
Actinomycosis	..	..	..	..	..	..	..	1	..	..	..	..
Ærrogenes capsulatis	..	..	..	..	..	..	..	1	..	..	..	..
Fæces for parasites and ova	..	..	..	..	..	..	..	..	2	..	..	..
Cerebro-spinal fluid	..	1	..	..	..	..	..	..	..	..	..	1
Plague (smears from rats)	..	..	..	..	..	..	4,781	..	..	..	..	..

* 65 weakly positive or doubtful. † 349 weakly positive or doubtful. ‡ 45 weakly positive or doubtful. § 33 weakly positive or doubtful.

NOTE.—This report represents only part of the work performed at the above laboratories. It does not include instructional work, investigations, or reports on specimens other than those of a public-health nature.