

Details of Urinary Examinations.

Method.	What sought	Result.		Total.
		Positive.	Negative.	
Chemical—				
Quantitative	Estimation of urea .. ..	..	..	176
	.. sugar .. ..	..	..	64
	.. albumin .. ..	..	..	21
	.. chlorides, &c. .. ..	..	..	174
Qualitative .. ..	.. albumin	71	192	263
	.. sugar	50	188	238
	.. others	29	22	51
				987
Cultural	For B. coli	180	52	232
	.. gonococcus	3	6	9
	.. B. typhosus	6	18	24
	.. others	80	67	147
				412
Microscopical	For tubercle bacillus	23	105	128
	.. casts, pus, &c.	398	138	536
				664
				2,063
Total for 1914				830

Summary of Work performed at the Vaccine Station for the Year ending 31st March, 1915.

Calves inoculated .. ..	..	..	..	..	..	..	..	..	44
Total for 1914 .. ..	..	..	..	..	..	..	..	..	71
Post mortem of calves ..	..	..	..	..	..	..	..	..	44
Total for 1914 .. ..	..	..	..	..	..	..	..	..	44
Cultural examination of lymph ..	..	..	..	..	..	..	..	..	80
Total for 1914 .. ..	..	..	..	..	..	..	..	..	153
Amount of lymph prepared ..	..	..	3,205 c.c.	(sufficient for 128,000 inoculations).	..	..	..	..	..
Total for 1914 .. ..	..	..	14,053 c.c.	..	1,006,480	..	..	..	..
Amount of lymph issued in tubes	..	..	..	7,919 c.c., equal to 15,838 doses.	..	..	..	..	..
.. bulk .. ..	..	..	..	397 c.c., ..	15,880	..	..	..	..
									31,718
Total for 1914 .. ..	..	..	..	..	..	..	..	..	347,614
Typhoid vaccine—Amount issued (at 500 mills. per dose), equal to	..	..	..	..	..	..	..	..	57,292 doses.
Tuberculin dilutions .. ..	..	..	..	..	..	..	..	..	74
Amount of lymph sent out of New Zealand .. ..	..	..	..	..	..	..	..	..	2,500 tubes.

BACTERIOLOGICAL AND PUBLIC HEALTH LABORATORY, DUNEDIN.

Report for the Year ending 31st December, 1914, by Professor Champtaloup.

This report does not include the work of the clinical and pathological laboratories or the laboratory work in connection with the University classes of bacteriology and public health.

On the 1st April the University of Otago took over full control of the laboratory and staff, the Public Health Department and the Otago Hospital Board agreeing to make an annual contribution for work carried out on their behalf.

The laboratory is still situate within the Hospital buildings, but during the year the public of Dunedin and Otago subscribed £8,000, which, with a Government subsidy of a similar amount, is to be expended in erecting a complete pathological and bacteriological block on a site of half-acre which has been secured opposite the main hospital building.

During the year the following investigations have been continued or completed: (a) An investigation into the type of tubercle bacillus present in the lesions of children under sixteen years of age; (b) an investigation into the action of sensitized bacterial vaccines in puerperal sepsis and other conditions; (c) an investigation into the pathological significance of yeast-like cells in catheter specimens of urine.