

Table 4.—RETURN SHOWING SURVEYORS EMPLOYED AND THE WORK ON HAND ON 1ST APRIL, 1921.

Names of Chief Surveyors.	Surveyors employed.			Work on Hand.				
	Staff.	Tempo- rary.	Contract.	District.	Settlement.	Native Blocks, &c.	Roads, &c.	Town.
R. P. Greville, F.R.G.S. ..	4	1	7	North Auckland ..	Acres. 51,526	Acres. 10,404	Miles. 4 ¹ / ₁₀	Acres. ..
H. M. Skeet ..	12	..	..	Auckland ..	155,795	51,868	194 ¹ / ₁₀	5
W. F. Marsh ..	4	1	9	Hawke's Bay ..	..	23,259	13 ¹ / ₂	..
H. J. Lowe ..	4	..	6	Taranaki ..	34,929	34,293	3 ¹ / ₂	..
G. H. M. McClure ..	3	..	12	Wellington ..	7,780	51,034	..	..
G. Cook ..	2	..	..	Marlborough ..	..	1,560	50	..
H. D. McKellar ..	2	2	..	Nelson ..	28,575	..	..	..
R. S. Galbraith ..	2	..	1	Westland ..	18,581	326	5	8
G. H. Bullard ..	1	..	..	Canterbury ..	..	..	..	..
R. T. Sadd ..	5	..	..	Otago ..	299,115	48	5 ¹ / ₂	..
T. Brook ..	1	..	1	Southland ..	14,200	..	..	..
Totals ..	40	4	36	..	610,501	172,792	276.0	13

Table 5.—PRINCIPAL CLASSES OF OFFICE-WORK DONE FROM 1ST APRIL, 1919, TO 31ST MARCH, 1921.

District.	Plans placed on Instrument of Title.			Deeds and other Instruments passed.	Plans examined and passed.	Deeds or other Instruments written.	Maps drawn for Lithography.		Lithographs published.	Lithographs sold.
	Leases and Licenses.	Freehold.	Miscellaneous.				Standard Publications.	Sale Plans.		
North Auckland ..	1,038	4,983	1,350	2,603	859	..	10	44	..	£ s. d. 133 8 0
Auckland ..	1,294	5,702	1,894	2,603	1,228	..	..	73	..	298 16 11
Hawke's Bay ..	468	2,180	1,103	2,421	551	889	..	14	..	63 12 0
Taranaki ..	346	1,378	1,356	1,449	459	896	5	18	..	44 9 0
Wellington ..	1,437	6,737	778	3,844	689	950	..	29	..	..
Marlborough ..	215	468	131	164	150	..	..	7	..	25 0 3
Nelson ..	392	753	522	366	102	400	..	10	..	51 3 8
Westland ..	206	194	16	..	38	222	1	2	..	61 17 0
Canterbury ..	549	5,855	51	3,107	586	..	..	27	..	33 7 6
Otago ..	519	2,013	66	950	194	580	7	23	956	126 12 0
Southland ..	172	1,684	247	737	205	..	4*	13	..	40 6 6
Totals ..	6,636	31,947	7,514	18,244	5,061	3,937	27	260	956	878 12 10

* Revised.

APPENDIX II.

THE MAGNETIC OBSERVATORY, CHRISTCHURCH.
ANNUAL REPORT OF THE DIRECTOR (H. F. SKEY, B.Sc.).

DURING the past year the Magnetic Observatory, Christchurch, and the substation at Amberley have operated successfully.

At Christchurch the Adie magnetographs have been kept in continuous operation, and the resulting magnetograms have been developed and measured at instantaneous Greenwich hours, as has been the practice in previous years. The adoption of Greenwich time for curve-measurement is now practically certain to be universal at magnetic observatories very shortly, but it is also certain that, instead of instantaneous values at the hours, mean values over the hour, centring at the Greenwich hour, will be usually published; but for some researches it will probably be found advisable to also publish instantaneous values for certain days.

The mean values of the magnetic elements for the year 1920 are—

	Mean Values,		Change since
	1920.	1919.	
Magnetic declination (east) ..	17° 01.7'	+3.1'	
Magnetic horizontal force ..	0.22261 C.G.S. unit	—19γ	
Magnetic inclination (south) ..	68° 09.2'	+1.4'	
Northerly component ..	0.21284 C.G.S. unit	—25γ	
Easterly component ..	0.06518	+13γ	
Vertical component ..	0.55525	+18γ	
Total magnetic force ..	0.59820	+8γ	