

Table 5.—PRINCIPAL CLASSES OF OFFICE-WORK DONE FROM 1ST APRIL, 1927, TO 31ST MARCH, 1928.

District.	Plans placed on Instruments of Title.				Deeds and other Instruments passed.	Plans examined and passed.				Maps drawn for Lithography.		Lithographs, &c., sold.
	Crown.		Native Land.	Land Transfer.		Crown.	Native.	Land Transfer.	Other Departments.	Standard Publications.	Sale Plans, &c.	
	Leases, Licences.	Freehold.										
North Auckland ..	450	382	213	10,202	5,677	81	30	820	132	3	89	£ s. d. 279 11 3
Auckland ..	510	300	1,044	2,233	1,501	92	125	224	70	2	107	111 8 10
Gisborne ..	39	..	817	630	..	7	49	65	24	..	4	19 10 6
Hawke's Bay ..	103	34	284	4,422	2,427	26	26	133	43	..	15	51 7 6
Taranaki ..	386	76	134	2,130	2,596	20	40	92	21	5	10	72 18 6
Wellington ..	1,174	872	904	10,312	3,052	64	34	522	137	1	50	43 14 6
Marlborough ..	38	36	6	1,138	521	11	..	41	39	..	..	28 7 7
Nelson ..	252	38	..	721	1,011	34	..	103	13	5	19	39 0 3
Westland ..	352	..	..	456	11	51	..	21	8	..	1	36 14 6
Canterbury ..	276	110	72	7,448	3,142	29	12	479	26	2	2	137 18 11
Otago ..	571	158	102	3,636	513	80	3	115	23	9	11	164 4 10
Southland ..	105	36	6	2,288	1,306	30	1	72	14	3	9	76 19 6
Head Office ..	..	..	..	..	..	..	..	..	..	8	32	526 8 5
Totals ..	4,256	2,042	3,582	45,616	21,757	525	320	2,687	550	38	349	1,578 5 1

APPENDIX I.

HEAD OFFICE, DRAUGHTING BRANCH.

REPORT by H. E. WALSH, CHIEF DRAUGHTSMAN.

Map-publication.—The total maps published during the year were 95, and the cost for printing £1,780. The maps comprised survey districts ($\frac{1}{2}$ mile to 1 in.), 14; survey districts (1 mile to 1 in.), 44; counties (1 mile to 1 in.), 7; towns (8 chains to 10 chains to 1 in.), 15; territorial (4 miles to 1 in.), 4; small-scale general maps, 6; and miscellaneous, 5. The number of copies per edition has in a number of cases been increased to allow of a longer time elapsing between reprints.

Cash sales of litho maps from all districts amounted to £1,375, which, while a decrease of £75 on the previous year, is well above the average for a normal year.

Other Government Departments were supplied with maps to the value of £1,370, of which about one-third is due to the alteration in electoral boundaries consequent on the sitting of the Representation Commission.

Four sheets of the 4-miles series territorial maps were published during the year, five more are in proof stage, and the drawing of four others partly completed.

Town Schemes.—The town schemes approved during the year again show a slight falling-off, the number this year being 298, against 316 last year. The North Auckland District again contributes more than half the total, 54 per cent. being from that district, whilst Canterbury (20 per cent.), Wellington (9 per cent.), and Auckland (5 per cent.), are responsible for the bulk of the remainder. An analysis of the schemes shows that 2,541 acres were subdivided into residential lots outside of boroughs and town districts; and of this area new roads account for 209 acres, road and access reserves, 23 acres; recreation and other public reserves, 118 acres; and lots available for sale, 2,191 acres.

Draughtsmen's and Computers' Examination.—The annual examination was held in December, 1927, thirty-six candidates presenting themselves for examination. The results were as follows: Draughting: First grade—four candidates, all of whom failed; second grade—seventeen candidates, of whom nine passed (Messrs. G. C. Wilson, J. D. McLean, E. W. Harkness, W. G. Pratt, L. Harding, E. Pfankuch, W. H. Steel, W. E. Lynch, and T. P. Mahony). Computing: First grade—one candidate, who failed; second grade—fourteen candidates, of whom six passed (Messrs. E. N. Allan, T. J. Lowndes, C. B. Robson, T. E. Brown, S. V. Meyer, and G. F. N. Stewart).

The outside examiners appointed for the purpose of examining the subject "Photo-litho plans" were Messrs. M. Crompton Smith and G. N. Sturtevant.

Standard of Length.—During the year 29 bands were compared with the standard, the total length being 161 $\frac{1}{2}$ chains. Of these, 5 were 1-chain steel standards, 2 were 1-chain invar standards, 20 were steel working-bands (of a length of 148 chains), 1 invar 5-chains working-band, and a 100 ft. steel pocket-tape.

The Imperial standard bands in custody of the various Chief Surveyors have been reported as being in good order during the year.

Natural Sines and Cosines.—A table of natural sines and cosines to 7 places and to each 10" of arc was published during the year. The volume consists of 100 pages foolscap-folio, and is bound in full green cloth, copies being placed for sale in each district office at £1 2s. 6d. each. The tables received a very thorough check, first by comparison with similar tables, and finally by the method of differences, using a calculating-machine. In consequence they may be used with complete confidence in their accuracy.