

A summary of the survey work executed during the year is given in the following tables:—

TABLE A.

Class of Work.	Area.	Average Cost per Acre.	Total Cost.
	Acres.		£ s. d.
Triangulation, by staff surveyors	178,353	0·97d.	723 4 4
Topographical, by staff surveyors	311,985	1·77d.	2,297 13 10
Rural, by staff surveyors	805,134	0·95s.	38,432 15 2
Rural, by licensed surveyors	57,794	1·33s.	3,845 9 6
Rural, by licensed surveyors (costs not available)	24,245	..	..
Village and suburban, by staff surveyors	1,920	7·12s.	683 17 3
Village and suburban, by licensed surveyors	23·25	17·25s.	20 1 0
Village and suburban, by licensed surveyors (costs not available)	20	..	..
Town, by staff surveyors	618	27·18s.*	883 9 4
	(in 650 sections)		
Town, by licensed surveyors	160	56·00s.*	95 0 0
	(in 34 sections)		
Town, by licensed surveyors (paid by applicants)	54	..	..
Native Land Court, by staff surveyors	79,354	14·2d.	4,693 16 11
Native Land Court, by licensed surveyors	302,355	17·09d.	21,531 3 2
Native Land Court, by licensed surveyors (paid by applicants)	18,275	..	..
Maori Land Board, by staff surveyors	4,460	26·37d.	490 1 3
Mining, by staff surveyors	90	3·01s.	13 11 1
Mining, by licensed surveyors (paid by applicants)	2,561	..	..
Roads, by staff surveyors	405 miles	£17·23†	6,985 14 0
Roads, by licensed surveyors	20 ..	£17·4 †	348 0 5
Roads, by licensed surveyors (costs not available)	105·41 miles	..	..

* Per section.

† Per mile.

TABLE B.

Land District.	Rural Surveys.	Native Land Court Surveys.
	Acres.	Acres.
Auckland	159,768	170,333
Hawke's Bay	76,188	143,020
Taranaki	10,652	31,750*
Wellington	23,945	58,383
Nelson	58,413	..
Marlborough	18,022	735
Westland	8,904	..
Canterbury	48,852	63
Otago	469,387	..
Southland	13,042	160
Totals	887,173	404,444

* Includes 4,460 acres Maori Land Board.

TRIANGULATION.

Not much of this class of work has been done during the year. With respect to the secondary triangulation, it was hoped that better progress would have been made this year than heretofore, but at the beginning of the year it was impossible to spare from settlement surveys suitable surveyors for this class of work, and later, owing to the urgent need of the strictest economy during war-time, it was decided to hold this work in abeyance.

The completion of the observations for connecting the Wairarapa base with the initial station (Mount Cook) was nevertheless effected, and this gives data for computing and readjusting the co-ordinate values of a large proportion of the minor triangulation stations in the Wellington District and for connecting several suburban standard surveys with the initial station.

In the Auckland District a few signals were built, but no observations taken. The necessary computations were made in connection with the observations for azimuth completed last year.

In minor triangulation the only work done has been that absolutely necessary for the control of settlement surveys, and it included the revision of portions of old triangulation work which had been found not to be up to the standard of accuracy required in modern surveys.