

ROUTINE ACTIVITIES

The following schedule summarizes the field-work carried out by staff and contract surveyors for the year ending 31st March, 1947 :—

Summary of Field-work

Class of Survey.	Area, Milcage, &c.	Average Cost.	Total Cost.
			£ s. d.
Geodetic triangulation .. ..	.. ..	.. ..	1,432 9 5
Minor triangulation	162 square miles ..	89-48s. per square mile	724 15 10
Topographical mapping (1 : 63360) ..	492-8 square miles	£5-42 per square mile	2,672 9 9
Topographical survey for settlement ..	192,563 acres ..	7-39d. per acre ..	7,110 6 9
Topographical survey for housing ..	600 acres ..	47-78s. per acre ..	1,433 7 10
Rural surveys	90,308 acres ..	3-16s. per acre ..	14,289 3 5
Village and suburban surveys	557 acres ..	49-48s. per acre ..	1,378 3 3
Town and housing sections (2 acres to 10 acres)	1,614 lots ..	£4-67 per section ..	7,543 12 3
Native land surveys	963 acres ..	7-53s. per acre ..	362 9 1
Standard traverse surveys	18-15 miles ..	£33-04 per mile ..	599 15 5
Roads and railways surveys	84-5 miles ..	£57-85 per mile ..	4,888 12 5
Maintenance of survey marks .. ..	.. ..	.. ..	705 8 11
Inspection and investigation surveys ..	.. ..	.. ..	1,058 18 2
Precise levelling .. ..	.. ..	.. ..	456 4 3
Location of boundaries and compass surveys	.. ..	.. ..	1,967 8 7
Police Department (surveys and Court attendance)	.. ..	.. ..	205 4 7
Extra-urban planning .. ..	.. ..	.. ..	372 6 7
Miscellaneous (reports, &c.) .. ..	.. ..	.. ..	2,411 13 6
Total cost .. ..	.. ..	.. ..	49,612 10 0

The output of work in items such as topographical surveys for settlement, rural surveys (settlement), and town and housing surveys has increased by 30 per cent. during the year. The total expenditure for the year is equal to last year's return.

The output of mapping for the production of published topographical maps has fallen from 3,144 square miles to 493 square miles, the staff on this class of work having been diverted to the more urgent settlement surveys.

The item "Extra-urban planning" covers the cost of the preparation of schemes at Tekapo (South Canterbury) and Wanaka (Central Otago).

The following table summarizes the apportionment of surveys made for land-settlement in the various districts. The total areas do not agree with the return of field-work owing to the fact that the table summarizes the actual areas dealt with during the year, part of the costs of which are carried forward :—

Surveys for Land-settlement

District.	Preliminary Topographical Surveys.	Final Land Title Surveys.	Number of Units.
	Acres.	Acres.	
Auckland and North Auckland	14,600	7,947	57
Gisborne	13,795	4,209	12
Hawke's Bay	27,138	16,992	51
Taranaki	2,587	3,342	26
Wellington	30,209	2,715	16
Marlborough	10,900	3,887	7
Nelson	30	238	4
Westland	800	461	3
Canterbury	22,880	15,183	20
Otago	14,390	4,097	10
Southland	3,983	2,138	13
Totals	141,312	61,209	219