Fortrose	Tally-point.				Traffic towards				Average Daily Number of Motor- vehicles as per Census.	
Tisbury.         Invercargill         129           Kennington         Dunedin         395           "         Invercargill         487           "         Waikawa         201           Lorne         Invercargill         1,257         1,           "         Riverton         870         1,           "         Hedgehope         123           Hedgehope         Browns         79         1           "         Lorne         50           "         Lorne         50           "         Centre         97           "         Centre         97           "         Centre         180           "         Centre         181           "         Centre         183           "         Centre         184           "         Centre         184           "         Centre         184           "         Total         184           "         Total         184           "         Riverton         291           "         Total         186           Finit's Bush         83           Invercargill									1934–35.	1937–3
Tisbury   Invercargill   129   Fortrose		No.	18	District :	Invercargill—	-continu	ed.			
Kennington         Dunedin         395           "         Unvercargill         487           "         Waikawa         201           Lorne         Invercargill         1,257         1,           "         Riverton         870         1,           "         Hedgehope         123         1           Hedgehope         Browns         79         1           "         Gore         97         1           "         Lorne         50           Winton         Makarewa         350           "         Oreti         181           "         Centre Bush         198           Argyle         Invercargill         398           Argyle         Invercargill         398           "         Tuatapere         161           Junction M.H.s 147 and 278         Riverton         186           "         Film's Bush         83           "         Invercargill         259           Between Riverton and Orepuki         Riverton         85           Groper's Bush         Thornbury         56           Fairfax         111         11           "         Riverton <th>Fishury</th> <th></th> <th></th> <th>1</th> <th>•</th> <th></th> <th>• •</th> <th></th> <th>129</th> <th>157</th>	Fishury			1	•		• •		129	157
Kennington         Dunedin         395         487           "         Invercargill         487           "         Waikawa         201         2           "         Riverton         870         1,           "         Hedgehope         123         1           "         Hedgehope         123         1           "         Hedgehope         123         1           "         Lorne         50         97           "         Lorne         50         181           "         Lorne         50         181         181           "         Coret         97         60         97         97         97         97         97         99         97         97         99         97         99         99         99         99         99         99         99         99         99         99         99         99         99         99         90         99         99         90         90         90         90         90         90         90         90         90         90         90         90         90         90         90         90         90         90	•				_					139
Invercargill	_ ′′ . ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '				Dunedin				395	614
Waikawa   201   1,257   1,	• ,			1	Invercargill			·	487	762
Invercargill   1,257   1,	. "								201	263
Riverton   S70   1,3     Hedgehope   123     Hedgehope   123     Hedgehope   123     Browns   79     Gore   97     Lorne   50     Winton   Makarewa   350     Oreti   181     Oreti   181	. "				Invercargill				1,257	1,720
Hedgehope   123   128	•			j		••				1,256
Browns   79   79   79   79   79   79   70   70	<i>"</i>				Hedgehope				123	171
Gore						• •			79	114
Minton					Gore				97	123
Winton         Makarewa         350           """"""""""""""""""""""""""""""""""""					Lorne				. 50	60
Oreti					Makarewa				350	485
Centre Bush									181	232
Invercargill   398   388   388   388   388   388   388   388   388   388   388   388   388   3	· "			1	Centre Bush				198	299
Riverton   291   161	"								398	569
Tuatapere									291	430
Function M.H.s 147 and 278       Riverton       186         """       Flint's Bush       83         """       Invercargill       259         Between Riverton and Orepuki       Riverton       85         Groper's Bush       Thornbury       56         Fairfax       111         """       Riverton       67         Fairfax       Calcium       78         Otautau       162         """       Riverton       141         """       Poluin's Bush          Otautau          Orawia          Otautau          Orawia          Otautau          Otautau          Otautau          Otautau <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>161</td><td>199</td></t<>									161	199
Flint's Bush   S3   Invercargill   259   Setween Riverton and Orepuki   Riverton   S5   Froper's Bush   Thornbury   56   Fairfax   111   Riverton   67   67   67   67   67   67   67   6	Junction M H s 147 and 9								186	274
Invercargill   259   35   35   35   35   35   35   35									83	116
Riverton   Riverton			•							358
Thornbury   56   Fairfax   111   Fairfax   167   Calcium   78   78   Otautau   162   Riverton   141   Fairfax   141   Fairfa		enuki								100
Fairfax   111   67   67   78   78		op uni							56	7
"""       Riverton       67         Fairfax       Calcium       78         """       Otautau       162         Riverton       141         Paulin's Bush          Otautau          Otautau          Otautau          Otautau       274         Nightcaps       134         Orawia       140         North of Tuatapere (M.H. 292)       Tuatapere       133         Clifden          Otautau       95         Tuatapere       52         Ohai       49         Nightcaps       "       179         Winton       139         Otautau       101		•							111	165
Fairfax       Calcium       78         """       Otautau       162         Riverton       141         Paulin's Bush          Otautau          Drummond          Calcium          Otautau Dairy Factory       Otautau       274         Nightcaps       134         """       Orawia       140         North of Tuatapere (M.H. 292)       Tuatapere       133         Clifden          Orawia       95         Tuatapere       52         Ohai       49         Nightcaps       """       179         Winton       139         Otautau       101	<b>"</b>		• •							108
Otautau       162         Riverton       141         Paulin's Bush          Otautau          Drummond          Calcium          Otautau Dairy Factory       Otautau       274         Nightcaps       134         Orawia       140         North of Tuatapere (M.H. 292)       Tuatapere       133         Clifden          Orawia       95         Tuatapere       52         Ohai       49         Nightcaps       "       179         Winton       139         Otautau       101		••	• •						78	90
Riverton   141   Paulin's Bush       Otautau       Otautau       Otautau       Otautau       Otautau		•	• •		l					17
Junction M.H.s 136, 244, and 656       Paulin's Bush          Otautau          Drummond          Calcium          Otautau Dairy Factory       Otautau       274         Nightcaps       134         Orawia       140         North of Tuatapere (M.H. 292)       Tuatapere       133         Clifden          Orawia       95         Tuatapere       52         Ohai       49         Nightcaps       "       179         Winton       139         Otautau       101	,,	••								19
"""       Otautau          """       Drummond          Calcium           Otautau Dairy Factory       Otautau          Nightcaps        134         """       Orawia          North of Tuatapere (M.H. 292)       Tuatapere          Clifden           Orawia           Orawia           Tuatapere           """           Ohai           Nightcaps           """           Winton           Otautau           Otautau	Innetion M H s 136 244	and 656	• •						l	1'
Otautau Dairy Factory       Drummond          Otautau Dairy Factory       Otautau          Nightcaps        134         North of Tuatapere (M.H. 292)       Tuatapere          Drawia           Otautau           Otautau           Nightcaps           Winton           Otautau           Otautau           Otautau           Winton           Otautau           Otautau           Otautau		una ooo			_					6
Otautau Dairy Factory       Calcium          Otautau Dairy Factory       Otautau          Nightcaps        134         Orawia        140         North of Tuatapere (M.H. 292)       Tuatapere          Orawia           Clifden           Orawia           Tuatapere           Ohai           Nightcaps            Winton           Otautau           Otautau           Otautau										3:
Otautau Dairy Factory       Otautau       274         Nightcaps       134         Orawia       140         North of Tuatapere (M.H. 292)       Tuatapere       133         Clifden       Clifden         Orawia       95         Tuatapere       52         Ohai       49         Nightcaps       "       179         Winton       139         Otautau       101	***									4
Nightcaps   134   140   140   140   140   140   133   140   133   134   140   133   134   140   133   133   134   140   133   133   134   135	)tantan Dairy Factory									353
North of Tuatapere (M.H. 292)       Orawia	•	• •	••							17
North of Tuatapere (M.H. 292)       Tuatapere (Clifden		• •	• •						140	18'
Orawia .	North of Tuetenere (M.H.	292)	• •		' · ·					25
Orawia .       Otautau       95         Tuatapere       52         Ohai       49         Nightcaps       Winton       139         Otautau       0tautau       101	* '	. 202)								13
Tuatapere 52 Ohai 49 Nightcaps 179 Winton 139 Otautau 101			• •				• •		1	136
"""  .		• •	• •			• •				- 80
Nightcaps		••	• •			••	• •	•		8'
		• •	• •		-	••	• •			303
" Otautau 101	-	• •	• •			••	• •			20
	,,	••	• •			••	••			180
James Street (Junction M.H. 133) Waihopai Bridge, Town Terminus 2,	Tamas Street (Tunation N	 [፲፲ 199\			Waihonai Rr	idoe To	wn Termin			2,438

## SPEEDS ON MAIN HIGHWAYS.

The speed of motor traffic on main highways is often the subject of much comment, in which opinions differ as to what may be termed the prevailing speeds at which motor-vehicles travel. While this question usually stimulates considerable public interest because of its relation to the problem of road safety, it is also of great importance to roading authorities as a vital factor in determining matters relative to highway standards and design. In the absence of authentic data it has been necessary for technical staff to depend largely upon general observations and knowledge gained from years of practical experience.

However, in order to secure more reliable information on the matter, a number of speed tests were carried out during the year in each highway district throughout the Dominion. Although the results are not claimed to be absolutely conclusive, they provide an indication of the range of speeds at which motor-vehicles travel under certain conditions. In conducting these tests vehicles were carefully timed over selected paved sections of approximately one mile of main highway on which sight distances were good and no cross-roads existed. The sections comprised flat to easy grades, on straights, and the tests were taken when the pavement was dry and when no patrol officers were in evidence.