

# State Highway Traffic Volumes 1999







# **State Highway Traffic Volumes 1999**

**Prepared by  
Traffic Design Group Ltd.  
For Transit NZ**

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## **Preface**

Traffic Monitoring provides a fundamental tool for the management of the State Highway network. The measure of the traffic demand imposed on the network enables Transit New Zealand to effectively and efficiently allocate resources.

The information contained in this publication is derived from Transit NZ's traffic data collection system. This consists of a hierarchy of equipment which ranges from sophisticated weigh-in-motion and vehicle classification collection via telemetry to simple portable tube traffic counters.

The collection and processing of data for the permanent weigh-in-motion and telemetry sites is undertaken by Transit NZ Head Office Management Division, while the ATMS sites on the Auckland motorways are operated by Serco Consultancy on behalf of Transit NZ Auckland. The remaining vast majority of the sites are monitored as part of the Transit NZ regional traffic counting programmes.

Transit NZ welcomes any feedback on this publication.

## **Disclaimer**

The traffic data contained in this document are intended to be used as an approximate indication of traffic flows on state highways throughout New Zealand. The flows are typically calculated from individual counts over one week periods. Most sites are counted one, two or three times a year, with some site counted on a continuous basis.

The limitations of the traffic counters and their installation, conversion of axle pairs to vehicles (in the case of tube counts), seasonal variations, congestion effects, and varying analysis procedures all create uncertainty in the data. These factors should be taken into account when using the AADT data.

For detailed design and project evaluation purposes the actual traffic counts upon which this document is based can be obtained from the appropriate Transit NZ office.

Transit New Zealand and its employees or agents involved in preparation and publication of this document cannot accept liability for its contents or for any consequences arising from its use. People using the contents of this document should apply, and rely upon, their own skill and judgement. They should not rely on its contents in isolation from other sources of advice and information.

John Ihaka  
Transit NZ Management Division  
October 2000

## NOTES

1. STATE HIGHWAY - State Highway 1 is suffixed N and S for North and South Islands respectively.
2. DISTANCE - The approximate distance of the count in kilometres from the start of the highway.
3. LOCATION - The approximate location on the state highway. For more precise location details refer to the appropriate Transit NZ regional office.
4. AADT - Annual Average Daily Traffic Volume, being an estimation of the daily traffic (two way total unless specified otherwise), averaged over the (calendar) year.
5. FREQ - Some counts have a character following the volume. These counts are of a greater accuracy because they are counted more frequently.

W - Weigh-in-motion sites, monitored continuously.

T - Telemetry sites (usually dual loop), monitored continuously.

S - Control sites counted continuously.

C - Control sites typically counted one week per month.

6. Most of the continuous sites are able to distinguish between short and long vehicles. Accordingly the percentage of Heavy Motor Vehicles (HMV - vehicles greater than 3.5 tonnes gross) can be estimated at those sites.

Transit NZ categories vehicles into four standard vehicle length bins as follows: 0.5-5.5; 5.5-11; 11-17; 17-35 m. Typically heavy vehicles are defined as those exceeding 11 m in length plus half of the vehicles in the 5.5-11m vehicle length bin. For the Auckland ATMS continuous sites, heavy vehicles were defined as those exceeding 5.5 m in length, and were only counted on the through lanes and not the on/off ramps.

The number following the W, T or S denotes the approximate % HMV's.

7. Where a State Highway spans more than one Transit NZ region, the approximate location of the administrative boundary is shown.
8. Other traffic details such as the vehicle composition and the directional AADT are available for some sites from the Transit NZ regional offices.

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## Transit New Zealand

## Traffic Volumes

1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
1F	19	Waitaki Landing Nth Te Hapua Rd	175		
1F	20	Waitaki Landing Sth Te Hapua Rd	280		
1F	45	Sth Te Ahu Rd	585		
1F	66	Houhora Sth of Salvation Rd	910		
1F	69	Nth Lamb Rd	1260		
1F	69	Sth Lamb Rd	1480		
1F	96	Sth Beach Rd	1590		
1F	103	Nth Awanui Bridge	3750		
1N	4	Sth of Awanui, Brotts Road	5380		
1N	28	Victoria Valley	840		
1N	69	Waihou Valley	1290		
1N	90	Sth of S.H.12	3640		
1N	100	Sth of S.H. 10, Nth of Moerewa	4840		
1N	111	Sth of Kawakawa	(estd) 5300	T	8
1N	144	Nth of Hikurangi Bypass	6150		
1N	154	Nth of Kamo at Kauri	8180		
1N	158	Whangarei Kamo Rd Nth of Station Rd	13730		
1N	160	Whangarei Kamo Rd Nth of Whau Valley Rd	20350		
1N	162	Whangarei, Wtern Hills Drive Sth of Percy	12160		
1N	163	Whangarei, Wtern Hills Drive Nth of Selwyn	19250		
1N	164	Whangarei, Wtern Hills Rd Sth of Central	18750		
1N	165	Whangarei Otaika Rd Sth of Tarewa Rd	22050		
1N	167	Whangarei Otaika Rd Sth of Rewarewa Rd	13100		
1N	170	Sth of Toe Toe Rd Nth of Portland Rd	11460		
1N	187	Nth of Ruakaka North at Flyers Rd	7680		
1N	210	Sth of Waipu	5320		
1N	227	Nth of Kaiwaka	7380		
1N	237	Nth of Te Hana (Wellsford telemetry)	7270	T	7
1N	258	Sth Wellsford	8410	S	
1N	270	Sth of Warkworth	12820	S	
1N	290	Nth of Hatfields Beach	14210	T	6
1N	293	Orewa Nth of Puriri	17150	S	
1N	295	Orewa South Bridge	31250	S	
1N	297	Silverdale Nth, Wainui Road	39250	S	
1N	303	Sth of East Coast Rd, Nth of Kahikatea Rd	19650	S	
1N	313	Sth of Coastville Riverhead Rd	25650	S	
1N	316	Sth Albany, Nth of Bush Rd/Spencer Rd	(estd) 27000		
1N	318	Auck N MW Greville/Tawa to constellation	56550		
1N	319	Auck N MW Constellation mid-interchange	47700		
1N	322	Auck N MW Tristram mid-interchange	62150	S	6
1N	323	Auck N MW Tristram to Northcote	92300	S	
1N	326	Auck N MW Northcote mid-interchange	72350	S	6
1N	328	Auck N MW Northcote to Esmonde Road	88000	S	6
1N	331	Auckland Harbour Bridge	151050	T	
1N	332	Auck N MW Shelly Beach to Fanshawe St	129250	S	5
1N	334	Auck N MW Wellington St to Nelson St	57250	S	
1N	336	Auck N M/W - Symonds	132850	S	6
1N	337	Auck S M/W Gillies Ave - St Marks Rd	154700	S	7
1N	338	Auck S M/W Khyber Pass to Gillies	197600	S	
1N	340	Auck S M/W Green Lane mid interchange	130150	S	7
1N	342	Auck S M/W Ellerslie/Penrose mid interchange	118200	S	7
1N	343	Auck S M/W Penrose - Mt Wgtn n/b (McNab telem)	67100	T	
1N	345	Auck S M/W Mt Wgtn mid interchange	77300	S	6
1N	347	Auck S M/W Mt Wgtn - Otahuhu (Panama telem)	104200	T	
1N	351	Auck S M/W Papatotoe mid interchange	72600	S	
1N	353	Auck S M/W Papatotoe - Manukau	87000	S	
1N	355	Auck S M/W Manukau mid interchange	59800	S	6
1N	356	Auck S M/W Manakau to Manurewa	84400	S	
1N	361	Auck S M/W Takanini mid interchange	49400		
1N	367	Auck S M/W Papakura - Dury (park Estate telem)	45600	T	8

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
1N	377	Auck S M/W Drury - Ramarama	34150	C	
1N	382	Auck S M/W Beaver Rd-Nikau Rd (Bombay telem)	29150	T	10
1N	385	<b>Auckland / Hamilton regional boundary</b>			
1N	391	Mercer near Railway Station	14300	C	
1N	395	138m past Island Block Road	14300		
1N	415	Te Onetea Stockpile	12900	C	
1N	427	North of Bells Crossing	14400		
1N	427	South of Bells Crossing	18400		
1N	428	Huntly Bypass	12900		
1N	429	Huntly Nth of Tainui Bridge	16000		
1N	434	Taupiri North	16370	T	11
1N	438	Ngaruawahia South of Hopu Hopu Br	12200		
1N	446	Nth of Park Road	14900		
1N	448	Sth of Whatawhata Rd	15800		
1N	469	Tamahere Motels	19500		
1N	473	Nth of Pickering Rd	17050	C	
1N	484	Cambridge By-Pass Nth of Duke St	17700		
1N	491	Karapiro South of hydro turnoff	12400	T	9
1N	515	Tirau North of Town Boundary	6500		
1N	517	Sth of Oraka Stream Bridge	9400		
1N	518	Sth of SH 5 junction	7700		
1N	524	South of Whites Rd	9000		
1N	531	Lichfield South of Baldwin Rd	7800	T	15
1N	540	Nth of Pokaiwhenua Bridge	7750		
IN	542	Tokoroa north (telem 98)	7990	W	15
1N	551	Tokoroa, s of Balmoral Drive	8300		
1N	556	Sth of Matarawa Stream Bridge	5750		
1N	600	Wairakei South of Palmer Mill Rd	4570		
1N	610	Taupo South of Huka Loop Rd	8600		
1N	613	Taupo North End of Control Gates	20400		
1N	616	Taupo North of SH 5 junction, Waipahihi	17200	C	
1N	617	Taupo, Sth of SH 5 junction	15500		
1N	641	Halletts Bay	5250	T	11
1N	708	<b>Hamilton / Wanganui regional boundary</b>			
1N	708	Desert Road	(estd) 4130		
1N	739	Hihitahi near Deacons Rd	4470	T	14
1N	752	Taihape Hautapu	(estd) 5090		
1N	755	Taihape North	(estd) 5580		
1N	761	Utiku North	(estd) 5930		
1N	778	Mangaweka North	(estd) 5710		
1N	795	Huntermill North Vinegar Hill Rd	(estd) 5690		
1N	821	Rata South at Mangaraupi Bridge	5680		
1N	831	Bulls North of Greatford	4950		
1N	843	Bulls North	6040		
1N	845	Bulls Rangitikei River Bridge	12950		
1N	847	Sanson West	11510	T	9
1N	858	Carnarvon South of Champions Line	4960		
1N	875	Himitangi South of SH56	8120		
IN	881	Foxton urban area	12740		
1N	882	Foxton South	8660		
1N	898	Levin Kawi Rd - Gordon Pl	9650		
1N	902	Levin South of Town	12960		
1N	906	Ohau Overbridge	13965	T	7
1N	915	<b>Wanganui / Wellington regional boundary</b>			
1N	919	Otaki Nth Waitohu Stream Bridge	12000		
IN	921	Otaki north of Waerenga Rd	16400		
1N	922	Otaki River Bridge	15200		
IN	936	Waikanae Elizabeth St - Te Moana Rd	20100		
1N	940	Paraparaumu North near Kapiti Lookout	24400		
IN	943	Coastlands, Paraparaumu north of Ihakara St	23300		
1N	950	Paekakariki south of McKays Crossing	23400		



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1N	954	Pukerua Bay north (Paekakariki South)	21550	T	5
1N	960	Pukerua Bay north of Wairaka Rd	21700		
1N	964	Plimnerton Taupo Swamp	23200		
1N	969	Paremata Bridge	28000		
1N	970	Papakowhai footbridge	31000		
1N	971	Whitford Brown - Te Whakawhitanga	45500		
1N	972	Te Whakawhitanga - Mungavin	32200		
1N	973	Mungavin mid diamond	22300		
1N	977	Wellington northern M/W Porirua - Tawa	37800		
1N	982	Wellington M/W south of Grenada interchange	47200		
1N	983	Wellington MIW J'ville Bypass	38900		
1N	985	Wellington Ngauranga Gorge	67100		
1N	987	Ngauranga Flyover S/B	21160	T	2
1N	987	Ngauranga Flyover N/B	19520	T	2
1N	988	Wgtn M/W Ngauranga to Aotea Quay	82900		
1N	990	Wgtn M/W Thorndon Flyover	63200		
1N	992	Wgtn M/W Hawkestone/Tinakori Thru Lanes	51200	C	
1N	992	Hawkstone Off ramp south	3900		
1N	992	Hawkstone On ramp south	5100		
1N	992	Tinakori On ramp north	3500		
1N	992	Tinakori Off ramp north	7100		
1N	993	Wgtn M/W Terrace Tunnel	44000		
1N	996	Patterson St south of Basin Reserve	(1998) 36600		
1N	998	Ruahine Street south of Goa St	30900		
1N	999	Gobham Drive south of Evans Bay Parade	32400		
1N	1000	Calabar Road south of Caledonia St	20600		
1S	1	Picton Waitohi Bridge	4770		
1S	7	Picton - Blenheim Koromiko	4570	C	
1S	27	Blenheim North, Opawa	8300		
1S	28	Blenheim Park Tce	11750		
1S	31	Blenheim St Andrews	4890		
1S	49	Seddon North, Dashwood	2600		
1S	90	Wharanui Ben More	no count		
1S	90	<b>Wellington / Christchurch regional boundary</b>			
1S	116	Clarence, North of Clarence River	1800		
1S	144	Kaikoura North of Hapuka River	2145	T	11
1S	156	Kaikoura outside MWD depot	3900		
1S	163	Kowhai River Bridge, Nth of Route 70	2300		
1S	180	Oaro Bottom of Hundalee Hills	2000		
1S	212	Parnassus Just North of Leader River	2000		
1S	229	Cheviot Township	2600		
1S	245	Hurunui River 1.5km North	2100		
1S	284	Waipara North of SH7 Junction	4200		
1S	287	Waipara south of SH 7 n of Glasnevin Weigh Pit	5860	W	8
1S	295	Amberley	6800		
1S	301	Leithfield	5600		
1S	308	Ashley River North Of Saltwater Creek	6800	C	
1S	313	Waikuku	6400		
1S	316	Woodend at school	11500		
1S	317	Woodend South of SH72 Junction	15500		
1S	322	Kaiapoi N/M'way at Cam Rd Underpass	10000		
1S	327	Christchurch Northern M/W Twin Br	30600	S	
1S	330	Christchurch South Of Belfast Tavern/Dickys Road	27000		
1S	332	Christchurch Nth of Johns Road Belfast	32000		
1S	333	Ch'church Johns Rd East of the Groynes	11500		
1S	337	Ch'church Johns Rd East of Sawyers Arms	12500		
1S	339	Ch'church bet. Harewood & Mcleans Island Roads	16000		
1S	340	Ch'church Russley Rd Nth of Memorial Rd	16400	C	
1S	343	Ch'church Russley Rd Nth of Ryans Rd	20000		
1S	345	Ch'church Carmen Rd Sth of Steadman Rd	(1998) 15400		

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1S	346	Ch'church Carmen Rd Railway crossing	16500		
1S	347	Ch'church Sth of Carmen Rd	16000		
1S	349	Ch'church Sth of Halswell Jn Rd	17000		
1S	352	Christchurch Sth Templeton	13600	C	
1S	373	Burnham	9000		
1S	384	Dunsandel North of Hotel	(1998) 8200		
1S	389	Dunsandel telemetry	7280	T	13
1S	401	Rakaia	8000		
1S	406	Chertsey	7000		
1S	428	Ashburton Nth Rail X'ing, Sth Golf Links Rd	7800		
1S	429	Ashburton West St, Sth Racecourse Rd	5700	C	
1S	430	Ashburton West St Sth of Havelock St	(estd) 9400		
1S	431	Ashburton North of Ashburton River Bridge	15500		
1S	440	Winslow	5500		
1S	455	Hinds	5200		
1S	466	Rangitata North of Store	5000		
1S	472	Orari	4900		
1S	482	Winchester South of Township	6100	C	
1S	488	Vine St Nth of Wood St	6800		
1S	489	Temuka Just Nth of Temuka River	8400		
1S	500	Timaru North East of Racecourse Gates	11000		
1S	501	Timaru Hilton Highway, Nth of S.H. 8	9600		
1S	502	Timaru South of Washdyke Bridge	17500		
1S	503	Timaru Between Washdyke & Showgrounds	14500	C	
1S	504	Timaru telemetry, Evans St	18600	T	5
1S	505	Timaru Evans St Nth of Wai-iti Rd	no count		
1S	506	Timaru Stafford St Nth of Sefton St	1900		
IS	507	Timaru Stafford St Sth of Sefton St	6200		
IS	508	Timaru Stafford St Sth of Heaton St	7000		
1S	509	Timaru King St Nth of Otipua Rd	8800		
1S	510	Timaru South of Saltwater Creek Br	8000		
IS	511	Timaru. Theodosia St south Sefton	16000		
IS	512	Timaru. Theodosia St south Church St	14000		
IS	513	Timaru. Cragie Ave (south of North St)	11500		
1S	517	Pareora	5200		
1S	522	St Andrews 2km North of St Andrews	4770	T	16
1S	541	Hook North of Hook River	3600		
1S	567	Glenavy North of Township	2900		
1S	569	<b>Christchurch / Dunedin regional boundary</b>			
1S	580	South of Waitaki River At Hilderthorpe	3380		
1S	584	Pukeuri South of Junction With SH83	6020		
1S	588	Oamaru Waitaki Ave – Virgil St	11980		
1S	591	Oamaru Nen St - Exe St	19070		
IS	592	Oamaru - north of junction	9520		
1S	593	Oamaru Old South Boundary	8185		
1S	595	Oamaru South of Deborah Subway	4840		
IS	612	Herbert - north of Ross Rd	3320		
1S	624	Hampden North	2890	C	
IS	630	North of Moeraki township turnoff	3080		
IS	645	North of Muddy Creek bridge	3090		
1S	656	Palmerston Pleasant Valley	3780		
1S	678	Kilmog	4150	C	
1S	685	Evansdale	5520		
1S	701	Dunedin Northern Motorway n of Pine Hill Road	4950		
1S	703	Great King St near Willowbank northbound	8880		
1S	903	Cumberland St near Willowbank southbound	8820		
IS	705	Castle St, sth of Hanover St (southbound)	(1998) 10440		
IS	705	Cumberland St, sth of Hanover St (northbound)	(1998) 12700		
IS	706	Cumberland St, sth of Rattray St (southbound)	21930		
IS	706	Crawford St, sth of Rattray St (northbound)	16800		
1S	707	Andersons Bay Rd near Ardmore Drive	34200		

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1999

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1S	708	By King Edward St Overpass	17450		
1S	710	Saversham Valley Road	18700		
1S	711	Hudson St on Southern Motorway (southbound)	no count		
IS	711	Hudson St on Southern Motorway (northbound)	8750		
1S	713	Southern Motorway Concord On ramp (sb)	(1998) 6200		
1S	713	Southern Motorway Sth of Burnside O'Bridge	20250	T	
IS	713	Southern Motorway Green Island on ramp (nb)	2670	T	
1S	714	Southern Motorway Kaikorai Off ramp (nb)	2890	T	
1S	716	Green Island Abbots Creek Bridge	19400	C	
IS	719	Saddle Hill - past Saddle Hill Rd	17400		
1S	721	Mosgiel South of Junction With SH87	8940		
1S	725	East Taieri - before Riverside Rd	8220		
1S	731	South Allanton - after Stack St	5980		
1S	755	North Milburn - before Lime Works Rd	5440		
1S	765	Milton south	(estd) 5280	T	12
1S	766	Milton Sth of SH8 Junction Clarksville	3540		
1S	783	North Balclutha - before Johnson Rd	4420		
1S	786	Balclutha Bridge	10500		
1S	791	Balclutha Te Houka	3340		
1S	818	Clinton South of Cemetery	2045		
IS	838	Arthurton - before Well Rd	1600		
1S	856	Gore North Side	3880		
1S	857	Gore east telemetry	3680	T	10
1S	859	Gore	9000		
1S	861	Gore South of Charlton Road	5455	C	
1S	875	Mataura South of SH96 Junction Brydon	3680	C	
1S	899	Dacre Near Transmitting Station	3920		
1S	916	Invercargill South End of Kennington	4665		
1S	919	Invercargill North of Rockdale Rd	5535		
1S	922	East of Queens Drive	10470		
1S	923	South of Forth Street	10400		
1S	923	Invercargill Telemetry	10365	T	3
1S	929	Invercargill South of Avon Rd	2675		
1S	935	Invercargill North of Awarua Radio Stn	2200		
IS	950	Bluff south of township	790		
2	1	Mangatawiri West of Grahams Bridge	11940		
2	2	South of Mangatawhiri Valley Road	10200	T	10
2	34	Nth of SH 25 intersection	8950		
2	37	Nth of SH 27 intersection	6600		
2	38	Mangatarata Hauraki Golf Course	3100		
2	52	Ngatea South of Parrys Corner	3950		
2	66	East of Awaiti Corner	4200		
2	91	Waihi West	(estd) 6700	T	8
2	95	Waihi West of Waihi Beach Rd	7700		
2	99	Waihi East of Waihi Beach Rd	4600		
2	107	Athenree SE of Gorge near Rest Area	5650		
2	120	Katikati 1km East	9200		
2	137	Omokoroa South of Omokoroa Beach Rd	10900		
2	141	Te Puna (West of Snodgrass Rd)	12630	T	5
2	142	East of Snodgrass Rd	12400		
2	148	Tauranga East of Moffats Rd	17500		
2	152	Tauranga West of Mogomery Rd	32500	C	
2	155	Tauranga Hairini Bridge	23000		
2	159	Tauranga Maungatapu Bridge	19500	C	
2	166	Te Maunga Nth of Mangatawa Lane	15200		
2	170	East of Domain Rd Papamoa	13100		
2	171	Te Puke west, 0.1 km n of Manoeka Rd	15495	W	9
2	187	Te Puke Rangiuuru Nth of Rail Bridge	11700		
2	204	Ohinepanea West of Rogers Rd	3990	T	14
2	225	Matata, Nth of Burt Rd	1860		

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2	241	163m before SH30 Awakeri Rail Crossing	3090		
2	242	Common section of SH2 & SH30	8050		
2	243	220m past SH30 Awakeri Hall	1470		
2	258	South of White Pipe Bush Road	2980		
2	285	Whakatane SW of Ohope Rd	950		
2	286	Opotiki side of Ohope Rd	2900		
2	298	Opotiki West Near Kukumoa	3380		
2	308	Opotiki Nth of Matchit Rd	1400		
2	361	<b>Hamilton / Napier regional boundary</b>			
2	368	Nth of Motu Bridge	no count		
2	390	700m south of Parihohnu Bridge	870		
2	412	140m north of Graham Road	1070		
2	429	Ormond 13 km North of Gisborne Turnoff	2340	T	10
2	440	Carringtons Culvert	2280		
2	444	200m north of Bell Road	5000		
2	448	50m north of Whatatuna Bridge	3190		
2	452	Manutuke 16km South of Gisborne	1530		
2	486	Nuhaka North at Tarewa Deviation	no count		
2	528	Wairoa North	1735		
2	533	Wairoa River Bridge	8860		
2	536	300m south of Wairoa District boundary	1755		
2	541	Wairoa South	1270		
2	566	Top of Mohaka Hill	no count		
2	631	Tangoio	1735	T	15
2	637	North of Esk River	3155		
2	638	Napier South of SH5	6620		
2	643	100m north of Onehunga Road	9000		
2	645	200m north of Weighbridge	9230		
2	647	Main Rd Nth, Sth of Watchman Rd	(1998) 10740		
2	648	Westshore bridge	15065		
2	649	Hyderabad Rd, Pandora Rd-Tamatea Dr	18285		
2	650	Hyderabad Rd, Tamatea Dr-Taradale Rd	21620		
2	651	Hyderabad Rd, Taradale Rd-Georges Dr	18335		
2	652	Georges Drive, South of Kennedy Rd	4535		
2	653	Marine Parade, South of Ellison St	no count		
2	658	Waitangi Tutaekuri Bridge, Awatoto	11090		
2	661	Fardon Road junction	10740		
2	666	Hastings Mangateretere	9980		
2	669	Karamu Rd Nth, Sth of Ellwood Rd	13045		
2	671	Hastings St Sth, Sth of Heretaunga St East	6850		
2	672	Southampton St, Wst of Karamu Rd South	9820		
2	673	Railway Road - 70 km/h sign	5265		
2	674	North of Longlands Rd	3460		
2	678	Paki Paki North	no count		
2	682	Paki Paki South	5685		
2	710	Waipawa North	no count		
2	713	150m north of Waipawa post Office	7475		
2	716	Waipawa – Waipukurau	7560		
2	721	100m south of Porangahau Road	7370		
2	731	Takapau South of Maharakeke Bridge	3265		
2	751	<b>Napier / Wanganui regional boundary</b>			
2	755	Norsewood Underpass	3545	T	13
2	769	Dannevirke North	4640		
2	776	Dannevirke High Street	7380		
2	790	Oringi	4740		
2	808	Woodville North of Ngawaparua River Bridge	3330		
2	814	Mangatainoka	3920		
2	817	Pahiatua	6360		
2	831	Konini	2860		
2	857	Mt Bruce Tankersleys Culvert	2400		
2	858	<b>Wanganui / Wellington regional boundary</b>			

# Transit New Zealand Traffic Volumes 1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
2	862	Mt Bruce South at Ruamahanga River Br	(1998) 2900		
2	864	Sth of Readers Cutting	2200		
2	882	Masterton south of Second Street	6900		
2	886	Masterton south of Intermediate St	12600		
2	890	Masterton, Norfolk Rd	no count		
2	892	Clareville north of Whites Line	8090	T	5
2	899	Carterton north of Victoria St	11800		
2	906	Carterton south of Waiohine River Br	7700		
2	908	Greytown north of Wood Street	7700		
2	917	south of Tauherenikau River Br	4800		
2	937	Rimutaka North of Pukuratahi River	4700	T	4
2	948	Upper Hutt south of Topaz St	9100		
2	949	Upper Hutt south of Akatarawa Road	15600		
2	951	Upper Hutt Sth of Totara Park	16900		
2	954	Upper Hutt Sth of Whakatiki St	21400		
2	957	Upper Hutt north of Silverstream Br	20600		
2	962	Upper Hutt Manor Park	28200		
2	963	Lower Hutt Sth of SH 58	30100		
2	969	Lower Hutt North of Block Rd	34000		
2	970	Lower Hutt Normandale overbridge	35600		
2	972	Lower Hutt Percy's Reserve	36000		
2	974	Lower Hutt south of Korokoro Rd	35100		
2	977	Wellington Petone - Ngauranga	63300		
2	979	Ngauranga Flyover S/B	22240	T	2
2	979	Ngauranga Flyover N/B	20000	T	3
3	1	Hamilton North of Collins Rd	no count		
3	4	Hamilton South of Dixon Rd	11600	C	
3	11	Hamilton South of Airport Mystery Cr	10000	C	
3	33	North of Tokonui Rd	6950		
3	38	Kihikihi South Near Te Kawa Turnoff	5500		
3	49	North of Kio Kio Station Rd	3990		
3	61	North of Waitomo Caves Rd (SH 37 jn)	5450		
3	65	South of Waitomo Caves Rd (SH 37 jn)	5200		
3	85	Te Kuiti North of SH4 Junction	3645	T	12
3	103	Piopio South of Hunts Rd	2270		
3	158	<b>Hamilton / Wanganui regional boundary</b>			
3	171	Tongaporutu River Bridge	1750	T	16
3	202	Waitoetoe North of Pukearuhe Rd	2760		
3	220	Motonui	4520		
3	223	Waitara East of Borough	5680		
3	228	Waitara East of SH3A	11350		
3	229	Waitara West of SH3A	11250		
3	233	Bell Block	14400		
3	235	New Plymouth East of Egmont Rd	21000		
3	241	New Plymouth Coronation Ave	13010		
3	244	New Plymouth Southern Motorway	8390		
3	258	Inglewood Rata Street	10970		
3	259	Inglewood Matau Street	8160		
3	260	South of Inglewood at Ngatoro Bridge	7490		
3	267	Tariki	(estd) 6920	T	8
3	283	Stratford South near Ngaere Rail O/B	7280		
3	290	Eltham	7320		
3	303	Normanby North	(1998) 5290		
3	306	Hawera Racecourse	8480		
3	306	Hawera South Road	7090		
3	321	Mokoia Manawapou River Br	3910	C	
3	341	Patea South	(1998) 3410		
3	353	Waverley North	(estd) 3860		
3	372	Waitotara East near Russel Rd	3170	T	8
3	389	Wanganui North near Mission Rd	3960		

Transit New Zealand		Traffic Volumes		1999	
STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
3	396	Wanganui Virginia Rd	7250		
3	399	Wanganui London St	11210		
3	400	Wanganui Carlton Ave	6090		
3	401	Wanganui Cobham Bridge	8550		
3	403	Wanganui South at Marybank	8580		
3	410	Wanganui South near Marangai Rd	6060		
3	427	Turakina East near Makirikiri	5190		
3	443	Bulls North near MWD Depot	6110		
3	450	Sanson East	7190		
3	465	Palmerston North West at Taonui Culvert	7490		
3	470	Palmerston North East of Flyers Line	8680		
3	482	Palmerston North East near Te Matai Rd	7610		
3	488	Ashhurst	6890		
3	489	Manawatu Gorge	6150	T	9
3	498	Woodville West	(1998) 5900		
3A	1	Waitara Near Te Arei Rd	2310		
4	4	400m South of SH3 junction	1745		
4	35	<b>Hamilton / Wanganui regional boundary</b>			
4	44	Mangatupoto West of SH40	1790		
4	65	Taumararui North Near Okaihae Rd	2280		
4	74	Taumararui Wanganui River Br (Matapuna)	4570		
4	90	Owhango Rail Overbridge	2100		
4	110	Raurimu South at Rail Overbridge	(estd) 1480		
4	114	National Park South of SH47	(estd) 1630		
4	133	Horopito	1570	T	11
4	142	Waimarino	1220		
4	163	Raetihi South near Ararawa Bridge	890		
4	189	Kakatahi South of Raupiu Rd	(estd) 970		
4	218	Wanganui North at Upokongaro Stream Br	1300		
4	226	Upokongaro South	1975	T	8
4	232	Wanganui Pauls Rd	2760		
4	234	Wanganui Aramoho Bridge	6540		
4	236	Wanganui Kowhai Park	9740		
4	238	Wanganui Putiki Drive Slip Lane	1460		
4	239	Wanganui Airport Rd	2000		
5	1	East of SH1 junction	2640		
5	5	East of White Road Intersection	4170		
5	34	Tarukenga	4620	T	9
5	46	Rotorua North of Fairy Springs	16700	C	
5	57	Waipa South of S.H. 30	6010	T	9
5	82	South of Waiotapu Tavern	3890		
5	125	Wairakei North of SH1	3240		
5	138	Taupo East of Crown Rd	2720		
5	190	<b>Hamilton / Napier regional boundary</b>			
5	230	Te Pohue	2455	T	14
5	257	Eskdale North of Yule Rd	no count		
5	260	300m north of Weighpit	3280		
6	2	Blenheim West Colman Rd	10700		
6	3	Blenheim West Boundary	no count		
6	9	Woodbourne Airbase	4550	C	
6	13	Gibson Creek	2790		
6	18	Renwick Wairau River Bridge	2670		
6	40	Havelock School speed sign	3150		
6	63	Pelorus Bridge	2005		
6	100	Hira	2650	T	11
6	114	Nelson Northern Outlet	8740		
6	118	Basin Reserve	21200		

# Transit New Zealand Traffic Volumes 1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
6	122	Nelson North of Hays Corner	no count	C	
6	123	Nelson South of Hays Corner	25030	T	4
6	128	Stoke Freezing Works	28770		
6	129	Richmond Bypass	no count		
6	130	Richmond Three Bros Corner	17000		
6	135	Brightwater Wairoa River Bridge	7780		
6	140	Brightwater SW at Spring Grove	5240		
6	144	Eighty Eight Valley Stream Bridge	3630		
6	155	Wakefield - Kohatu Spooners Hill	1530		
6	183	Korere	no count		
6	232	Murchison Nth Longford Bridge	1465		
6	242	Murchison town	1680	T	12
6	248	Murchison Dellow Bluff	1130		
6	269	<b>Wellington / Christchurch regional boundary</b>			
6	292	Inangahua North of Township	700		
6	327	Buller Gorge Ten Mile Creeek	680		
6	340	Coast Rd Sth of Wilson Lead Rd	750		
6	398	Punakaiki Just Nth Canoe Creek Bridge	750	T	8
6	419	Rapahoe North Township	1300		
6	420	Runganga	1300		
6	426	Nth of Taylorville turnoff	4200		
6	428	Cobden	3600		
6	429	Grey River Bridge	9200		
6	430	East of Willis St	8200		
6	431	Greymouth Tainui St near Grogans Lane	11600		
6	433	High St, South of Nelson	7800		
6	435	Fernhill to Loris Place	6400		
6	438	Paroa North of Paroa School	4500		
6	448	Kumara North of Junction with SH73	2600		
6	450	Kumara Junction Sth of Serpentine Creek	no count	C	
6	454	Chesterfield telemetry	2050	T	9
6	468	Three Mile Nth of Hokitika	2700		
6	471	Hokitika Fitzherbert St Sth of Stafford	4800		
6	473	Hokitika Nth of Gold Links Rd	1800		
6	483	Ruatapu Just Sth of Township	910		
6	501	Ross at Fire Station	1100		
6	502	Ross Just Sth of Township	700		
6	548	Harihari Just Sth of Township	500		
6	577	Whataroa	550		
6	605	Franz Josef Glacier North of Stony Cree	440		
6	609	Franz Josef Sth of Fire Station	650		
6	751	Haast Just Sth of Haast River	280		
6	760	Haast West of Greenstone Creek	260		
6	814	<b>Christchurch / Dunedin regional boundary</b>			
6	853	Lake Wanaka Camp Creek Bridge	520		
6	880	Hawea North of Dam	585		
6	882	Hawera South of Dam	835	C	
6	892	Albert Town - before SH 84 junction	2240		
6	894	Wanaka South Of Cardrona River Bridge	2275		
6	917	Albertburn - before Alberturn bridge	1235		
6	939	Lowburn	1570		
6	946	Cromwell	2220	C	
6	970	Gibston - before Gibston Rd	2330		
6	980	Swiftburn - past Swiftburn Culvert	2360		
6	983	Crown Range near Whitechapel Rd	3400		
6	991	Shotover - before Lower Shotover Rd	4600		
6	993	Frankton North East of Junction	6565	C	
6	996	Junction - Airport bet SH6/6A and airport termianl road	6490		
6	997	Kawarau Falls Bridge	4350		
6	999	After Peninsula Rd	1730		
6	1000	Frankton South East of Junction	1730		

## Transit New Zealand

## Traffic Volumes

1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
6	1076	Mid Dome	985	C	
6	1086	Lowther - before Lowther Creek bridge	950		
6	1095	Lumsden	1680		
6	1117	Dipton	1270	C	
6	1140	Lady Barkly before Winton Racecourse	1525		
6	1148	Winton	3700		
6	1149	Winton South	3725	T	8
6	1168	Lorneville South of Junction With SH99	9250	C	
6	1174	North of Bainfield Road	13020	C	
6	1175	North of Victoria Ave	19100		
6A	2	Frankton	9720	C	
6A	6	Queenstown	11740		
7	2	Waipara Straight NW Waipara Township	2460	C	
7	14	Waikari NW of Township	2200		
7	26	Hurunui River	2200		
7	41	Culverden	2400		
7	44	Red Post South of SH70 Junction	2100		
7	45	Red Post North of SH70 Junction	1700		
7	67	Hamner Sth of SH7A Junction	1800		
7	68	Hamner Nth of SH7A Junction	1100		
7	108	Lewis Pass South at Engineers Camp	1020	T	15
7	152	Springs Junction East of SH65	1000		
7	183	East at Reefton	360		
7	194	Reefton at cableway	650		
7	195	Reefton Broadway just West of Smith St	1300		
7	196	Reefton Sth of Inangahua River	1200		
7	222	Ikamatua	1000		
7	239	Ahaura South of Bridge	970	T	11
7	258	Stillwater	1100		
7	261	Brunner	1600		
7	268	Kaiata North of Greymouth	2200		
7	272	Greymouth	2900		
7A	0	Hamner Nth of SH7 Junction	1000		
8	5	Levels	2500		
8	12	Pleasant Pt West of Butlers Rd	2100		
8	28	Cave	1000		
8	55	Fairlie South East of Town	980	C	
8	57	Fairlie Talbot St	2100		
8	58	Fairlie Ayr to Denmark St	2300		
8	99	Tekapo East of Township	1160		
8	100	Tekapo on bridge	1900		
8	149	Pukaki South West of SH80 Junction	1100		
8	157	Lake Ruataniwha Spillway	1300		
8	159	<b>Christchurch / Dunedin regional boundary</b>			
8	180	Omarama Nth	960		
8	186	Omarama SW of Township	945		
8	262	Tarras North of SH8A	1200		
8	279	Bendigo	855	C	
8	313	Cromwell Gorge	2905		
8	325	Alexandra To Clyde	3705		
8	336	Alexandra south	1720	T	8
8	362	Roxburgh near Coal Creek	1775		
8	394	Raes Junction Nth of SH90 Island Block	1375	C	
8	412	Raes Junction East SH90 Craigellachie	1130		
8	459	Milton Junction With SH1 Clarkesville	1670		
8A	2	Tarras	450		



## Transit New Zealand

## Traffic Volumes

1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
8A	6	Maori Ponit - past Maori Point Rd	540		
8A	19	Luggate Bridge	585		
8B	0	Cromwell Deadman's Point Bridge	2700		
8B	2	Cromwell near SH 6 Junction	2980		
10	7	Oromahoe Puketona Junction	2600		
10	29	Takou Bay Road	2490		
10	60	Nth of Salvation Rd	1355		
10	92	Nth of Inland Rd	2000		
11	7	North of Ridgen Road	1720		
11	13	North of Waimangaro Road	2610		
12	4	Nth of Ngawha Springs Rd	3250		
12	27	Sth of Rakauwahi Road	1265		
12	62	Nth of Opononi	1145		
12	89	Waipoua Forest Nth of Wairau Bridge	340		
12	114	Sth of Aranga	460		
12	125	Sth of Kaihu	695		
12	178	Sth of Ruawai	1400		
14	0	West of S.H. 1	18040		
14	2	Sth of Kowhai Park Rd	8280		
14	9	East of Kara Rd	4785		
14	34	West of Kirikopuni Rd	1380		
15	1	East of Limeburners Creek Bridge	6180		
15	4	West of Hewletts Street	6520		
16	1	Grafton - Southern M'Way ramps	33900	C	
16	1	Southern M'Way ramps to Nelson/Hobson	62000		
16	2	Nelson/Hobson Ramps to Newton Rd	95050		
16	6	Western Springs Underpass	83150	S	5
16	7	Waterview mid interchange	65950	S	5
16	8	Waterview to Rosebank	85715	S	
16	11	Te Atatu Rd mid interchange	63600	S	5
16	11	Lincoln Rd - mid interchange	37500		
16	16	Royal Rd to Hobsonville Rd	38301	C	
16	21	South of Coatesville Riverhead Rd	23250		
16	24	North of Coatesville Riverhead Rd	18930		
16	29	South of Waimauku	11320		
16	46	South of Helensville/Parakai	4320		
16	58	North of Kahikatea Flat Rd	3350		
16	92	Tauhou Bridge	1040		
18	1	West of William Pickering Drive	10560		
18	4	West Albany Highway	22460		
18	7	West Upper Harbour Bridge	23540		
18	14	East of SH18, East of SH16	33450		
20	8	Puhunui Road to Massey Road	34900		
20	12	Coronation Road to Rimu Road	59000	S	
20	13	Mangere Bridge	79850	S	
20	16	Hillsborough to Queenstown	40900	C	
20A	3	Sth of Montgomerie Rd	30050		
21	0	225m past 2nd Roundabout	3200		
21	4	55m past Lochiel Rd	4210		
21	7	145m before State Highway 3	3440		

Transit New Zealand		Traffic Volumes		1999	
STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
22	3	West of Great Sth Rd	15970		
22	10	Paerata Nth of Heights Rd	9400		
23	4	Hamilton, East of Newcastle Rd	no count		
23	9	680m before Kakaramea Rd	4380		
23	10	83m past Kakaramea Rd	5500		
23	37	90m before Wrights Rd	2710		
24	1	220m past Tower Rd Roundabout	5950		
24	13	140m before State Highway 29	2290		
25	1	West of Dalgetys Corner	2710		
25	21	West of Orongo Road	3840		
25	23	Kopu Waihou River Bridge	6750		
25	27	South of Kauaeranga River Bridge	10300		
25	36	Thames North of Rocky Point	3530		
25	49	South end Tapu township	1750		
25	72	Manaia South of Manaia Hill	1290		
25	99	East of Optronui	420		
25	123	Sth of Simpsons Bridge	920		
25	137	Whitianga Nth of Mercury Bay Rd	1680		
25	157	South of Whenuakite	1400		
25	187	Hikuai Sth of Petersons Bridge	2600		
25	188	South of SH25A junction	1250		
25	207	Whangamata North of Whangamata Hotel	1930		
25	223	480m before Whiritoa Beach Rd	1490		
25	240	Waihi North of Glastone Rd	1700		
25A	4	Kopu Kirikiri No 1 Stream Bridge	3050	C	
25A	11	Neavesville 0.4 km before Coromandel Forest Park	3150	T	8
26	8	West of Platts Road	4520		
26	23	Morrinsville Sth of MoT weigh pit	3860	C	
26	24	East of Piako Road Intersection	7200		
26	34	West of SH27 junction	5050		
26	37	East of No 7 Rd, Waitoa	3970		
26	55	Te Aroha North of Mangaiti Stream Br	1760		
26	68	Paeroa West of Ryall Rd	3600		
26	75	Paeroa North of Komata Stream Br	2720		
26	95	210m before State Highway 25A	3450		
26	96	190m past State Highway 25A	5900		
27	11	Kaihere South of Kaihere Rd	4420	T	15
27	45	North of SH26 junction	4490		
27	46	Tatuanui School, Sth of S.H. 26	4480		
27	66	North of Wardville Road	5600		
27	67	Waharoa North of Town Boundary	6800		
27	76	Matamata between Beattie and Hinuera Rd	5750		
27	84	Hinuera South of SH29	3410		
28	0	163m past State Highway 1 (Putaruru)	1790		
28	7	245m past State Highway 5 (Whites Rd)	2250		
28	23	105m before State Highway 29	990		
29	2	Mt Maunganui East of Hewlets/Totara Rds	19100		
29	6	Mt Maunganui East of Girvan Rd	21100		
29	17	Tauranga Oropi Rd - Barks Corner	9550		
29	20	Tauranga East of Cambridge Rd Tauriko	12200		
29	34	Lower Kaimai	6520	T	11
29	48	South of Matamata Road	5350		

## Transit New Zealand

## Traffic Volumes

1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
29	65	Hinuera between Matamata turnoff Pond Rd	4060		
30	35	Bennydale 1km East	630		
30	83	Whakamaru West of SH 32	1700		
30	110	East of SH1 junction	1670		
30	141	Rotorua South of City Dump	2610		
30	149	Te Ngae East of Puarenga Bridge	32740	T	4
30	159	Sth of Waikohewa Brigdge	9250		
30	160	East of SH33 junction	4520		
30	188	Lake Rotoma East of Kawarau Loop Rd	(estd) 2850	T	9
30	204	West of SH4 junction	1910		
30	218	Whakatane West of Railway Xing Awakeri	5100		
30	220	North of Te Rahu Bridge	6800		
30	228	Whakatane North End Landing Road Bridge	14300		
30A	0	300m past SH5	20700		
31	13	Otorohanga East of Symes Rd	1520		
31	14	Otorohanga West of Symes Rd	180		
32	29	Nth Ongarato Rd intersection	1100		
32	41	North of Poihipi Road	1210		
32	74	West Taupo	675	T	12
33	3	Te Ngae North of Okawa Bay Rd	5350		
33	30	Paengaroa south of Maungarangi Road	4270	T	12
34	1	220m past SH2 Intersection (Old 34/20 Station)	1070		
34	11	195m past SH30 East - Te Teko (Old 34/9 Station)	5250		
34	25	230m before SH30 West	1250		
35	6	Opotiki West of Tirohanaga Bridge	1800		
35	69	East of Te Kaha	750		
35	124	<b>Hamilton / Napier regional boundary</b>			
35	180	450m south of Poroporo Bridge	410		
35	194	Ruatoria North at Mangaoporo Br	no count		
35	236	100m south of Marotiri Culvert	1920		
35	272	north of Ihunui Stream	970		
35	274	Uawa River Bridge	1920		
35	285	Tologa Bay Mangakuri Bridge	1110	S	
35	314	Gisborne North at Tatapouri	1485		
35	319	200m south of Tip of Makorori Hill	1770		
35	321	Hamanatua Bridge	3505		
35	324	Gisborne City boundary	5420		
35	326	south of Harris Stret	14830		
35	327	60m south of Watties overhead bridge	3285		
35	331	170m north of runway lighting towers	2810		
37	0	115m past State Highway 3 (Waitomo)	1200		
38	0	Waiotapu East of SH5	2330		
38	39	Murupara Sth of Galetea Rd	350		
38		<b>Hamilton / Napier regional boundary</b>			
38	134	Waikaremoana by lookout	no count		
38	170	Mangakino Stream Bridge	260		
38	185	Frasertown West	520		
38	192	Paeroa Stock Road	1535		
41	1	Taumaranui Near Burnands Rd	(estd) 1100		
41	8	Taumaranui East near Williamsons Rd	(estd) 740		
41	23	<b>Wanganui / Hamilton regional boundary</b>			

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
41	49	Tokaanu, bottom of Waihi Hill	1160		
43	6	Stratford East	1420		
43	13	Toko East of Gordon Rd	760		
43	36	Te Wera	170		
43	62	Whangamomona	180		
43	111	Ohura South of River Rd	(estd) 120		
43	117	West of Tokorima	(estd) 220		
43	136	West of Te Maire Bluff	380		
43	150	West of Manaia Rd	650		
45	3	New Plymouth Sea View Rd	13510		
45	5	New Plymouth Spotswood	11680		
45	9	New Plymouth West near Hurford Rd	6470		
45	19	Weid Rd	2700		
45	28	Okato Stony River Bridge	1750		
45	58	Opunake West near Opua Rd	1720		
45	62	Opunake	2930		
45	72	Pihama near Ouri Stream Bridge	1380		
45	101	Hawera West near Ohawe Beach Rd	(estd) 3850	T	7
46	1	90m past State Highway 1 (Rangipo)	350		
47	0	National Park East of SH4	(estd) 1690		
47	9	Chateau Turnoff North	(estd) 1520		
47	27	Te Rata School (Otukou Jn)	(estd) 700		
47	29	<b>Wanganui / Hamilton Regional Boundary</b>			
47	45	242m before State Highway 41	920		
48	0	Chateau South of SH47	(estd) 710		
49	9	West of Ohakune	(estd) 1480		
49	11	Ohakune East (E of ex SH49A)	(estd) 3110		
49	37	Waiouru West of SH1	(estd) 1990		
50	0	Hardinge Rd between Hornsey & Battery Rds	4420		
50	4	Taradale Rd between Austin & Maadi Rd	13890		
50	5	Napier Hastings M'way S of Taradale Rd	5890		
50	6	Napier Hastings M'way S of Kennedy Rd	8025		
50	10	Napier Hastings Ex'way Tutaekiri River Br.	14520	T	5
50	15	200m south of Omaranui Rd	3180		
50	17	Ngaruroro River Bridge	4750		
50	19	South of Omahu Rd	2295		
50	29	East of Valley Rd	1700		
50	52	Hastings/Central Hawkes Bay Boundary	no count		
50	89	400m south of Makaretu River Br	1060		
53	1	Featherston, Donalds Bridge	1900		
53	17	Martinborough west of Princess St	2100		
54	3	Sth of Sandon Block Rd	810		
54	15	Nth of Waituna West	900		
54	29	North of Cheltenham	1220		
54	31	North of Almadale Rd	2000		
54	41	Kimbolton Rd	6120		
54	44	South of Aorangi Bridge	11570		
54	50	Palmerston North Milson Line	5830		
54	55	kairanga - Bunnythorpe	2560		
56	5	Palmerston North Mangaone Bridge	8480		
56	9	Longburn South of Rail O/B	6400		

Transit New Zealand		Traffic Volumes		1999	
STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
56	26	South of Ngui Rd, Opiki	(estd) 3120		
56	40	South of Alve Rd, Opiki	(1998) 3110		
57	2	Levin Kimberley Rd	4030		
57	10	Levin Tavistock Rd	6710		
57	20	Shannon South	(1998) 5630		
57	24	Shannon North	5900		
57	32	Tokomaru River Bridge	2710		
57	36	Tokomaru South of Tane Rd	3180		
57	46	North of Linton	6900		
57	48	Old West Road	1680		
57	53	Aokautere	5690		
57	59	Orrs Road	1760		
58	0	Haywards Hill	12800		
58	9	Pauatahanui East opposite timber mill	11750	T	2
58	12	Pauatahanui west of James Cook Dr	6600		
58	15	Paremata near SH1 Opposite Boat Sheds	no count		
60	0	Richmond NW of SH6 at Appleby O/B	6480	C	
60	6	Richmond Pea Viner Corner	4650		
60	27	Tasman North	no count		
60	34	Motueka (Shell Garage)	9720		
60	36	Motueka North of Borough	5340		
60	45	Takaka Hill	925		
60	91	Takaka (Reilly St)	2910		
60	96	Takaka Waitapu Bridge	1440		
63	0	Renwick Brydon St	1745		
63	4	Renwick Waihopai	1770		
62	29	Anderson Bridge	400		
63	87	Tophouse North of Intersection	no count		
63	91	St Arnaud speed sign	460		
63	116	Kawatiri Upper Buller River	205		
65	72	Springs Junction Nth	850		
67	0	Westport North of SH6 Junction	1200		
67	5	South of Buller River	4800		
67	7	Westport Brougham St South of Derby St	3000		
67	9	Westport North of Orowaiti River	1800		
67	22	Waimangaroa South of Township	1100		
67	31	Granity	800		
67	51	North of Mokihinui River	210		
67A	0	Westport Nth of SH67 Junction	2050		
69	0	Inangahua Junction South of SH6	600		
69	29	Reefton Nth of Burkes Creek	750		
69	32	Reefton Buller Rd just Nth of Potter St	1800		
70	0	NE SH7 Junction	600		
70	18	Waiau South of Waiau River	750		
71	1	Lineside Rd NW of Kaiapoi	9400		
71	7	Rangiora Southbrook Rd Sth of Denches R	14500		
71	9	Rangiora Ivory St Nth of Buckham St	6800		
73	0	Ch'church Brougham St West of Waltham	3500		
73	1	Chch Brougham St West of Montreal St	24500		
73	2	Chch Jerrold St	27500		

# Transit New Zealand Traffic Volumes 1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ	%HMV
73	4	Chch Southern M'Way West of Wrights Rd	21000		
73	7	Chch Curletts Rd Sth of Benheim Rd	32000	C	
73	8	Chch Blenheim Rd West of Curletts Rd	32000		
73	9	Chch Main Stn Rd Nth of Springs Rd	39000		
73	10	Chch Main Stn Rd Sth of Springs Rd	22000		
73	15	Chch Yaldhurst Rd West of SH1	9800		
73	17	Yaldhurst Rd	6800		
73	22	West Melton	4000		
73	26	Aylesbury East of Aylesbury Corner	3300		
73	27	Aylesbury West of Aylesbury Corner	2400		
73	40	Darfield East of Township	2500		
73	64	Springfield West of Springfield	1320	T	7
73	93	Castle Hill Straight	1200		
73	121	Cass East of Cass River	1300		
73	142	Halpins Creek Bridge	1300		
73	146	Arthurs Pass Opposite National Park HQ	1220	S	
73	159	Otira Just West of Otira River	1030		
73	191	East of Taipo River	600		
73	225	Kumara Junction East	1200		
74	1	Chch Styx Sth	22000		
74	3	Chch Sth of Tuckers Rd	26000		
74	4	Chch Main Nth Rd	36000		
74	5	Chch Cranford St SE of Main North Road	19000		
74	6	Christchurch Sherborne St	11000		
74	7	Chch Madras St	11500		
74	8	Christchurch City North - Cranford St	21400	T	2
74	9	Chch Bealey Ave West of Manchester St	37000		
74	10	Chch Barbadoes St Sth of Gloucester St	15500		
74	11	Chch Moorhouse Ave East of Madras St	33000		
74	12	Chch Waltham Rd Sth of Moorhouse Ave	19500		
74	13	Chch Brougham St E of Waltham Rd	25000		
74	14	Chch East of Ensors Rd	15500		
74	16	Chch Opawa Rd Sth of Garlands	9200		
74	15	Chch Port Hills Rd SE of Curries Rd	8400		
74	17	Chch Port Hills Rd East of Champans Rd	8400		
74	20	Chch Tunnel Portal at Heathcote	10200	C	
74	22	Lyttleton Norwich Quay near Caltex	(estd) 7200		
74	112	Chch Tunnel Rd	5400		
75	1	Christchurch Heathcote River Bridge	11000		
75	2	Christchurch North of Tankerville Rd	19000		
75	4	Ch'church Halswell Rd Nth of Dunbars Rd	15500		
75	9	Nth of Halswell River	4200	C	
75	16	Taitapu	2800		
75	27	Motukarara East of McQueens Valley Rd	2000		
75	43	Birdlings Flat	1800		
75	52	Little River	1700		
75	61	Hilltop West of Summit Rd Junction	1400		
75	62	Hilltop just past hotel	1100		
75	67	Barrys Bay East of Cheese Factory	1200		
75	73	Robinsons Bay	1200		
75	79	Akaroa	1900		
77	0	Ashburton Kermode St	5000		
77	1	Ashburton Nth of Oak Grove	5200		
77	6	Ashburton North of Racecourse Road	2200		
77	21	River Rd	850		
77	29	Methven South of Reynolds Rd	1100		
77	41	Methven Waimarama Rd	210		
77	48	Mt Hutt Stn (south of old SH72/77 jn)	360		

# Transit New Zealand Traffic Volumes 1999

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ %HMV
77	53	Rakaia Gorge between Bridges	700	
77	86	Homebush Sth of Homebush School Corner	1200	
77	87	Bangor Rd. east of Homebush School	850	
77	92	Bangor Rd. east of Homebush School	1300	
77	94	Waddington Nth of Hawkins River	550	
78	1	Timaru Port Loop Rd NW of Marine Parade	1800	
79	9	Upper Orari East of Upper Orari Bridge	800	
79	10	Upper Orari Near Upper Orari Hall	1900	
79	15	Geraldine Cox St Nth of Lewis St	1900	
79	25	Gapes Valley Near Toomeys Bridge	1100	
79	59	Fairlie East of SH8	1200	
79	61	Fairlie	1800	
80	3	Lake Pukaki Nth of SH8 Junction	460	
82	0	Waimate Turnoff Sth of SH 1 Junction	1300	
82	8	Waimate Queen St NE of William St	(estd) 3400	
82	20	Waiho Forsk NE of Douglas Bridge	480	
82	51	East of Penticotico Bridge	210	
83	2	Pukeuri West of SH1	1085	
83	36	Duntroon West of Township	595	
83	62	Kurow West of SH82 Junction	700	
83	106	Omarama East of SH 8 Junction	600	
84	1	Wanaka west of SH 6 junction	3320	
85	10	Palmerston Inch Valley	820	C
85	17	Sweetwater Creek past culvert	425	
85	61	Kyeburn East of SH87	465	
85	66	Kyeburn West of SH87	725	
85	80	North Ranfurly before Bypass Rd	810	
85	83	East Eweburn near bridge	670	
85	99	Idaburn past Idaburn Omakau Rd	365	
85	128	Lauder	335	C
85	155	Past Keddell Rd	895	
85	159	Alexandra - north of Galloway Rd	1160	
85	163	Alexandra - north past camp gates	2390	
87	1	Mosgjel	12300	
87	9	Outram Wylies Crossing	2125	
87	15	West Taieri	655	C
87	65	Middlemarch	430	C
87	93	Hyde South before Hyde Macraes Rd	210	
87	109	Kokonga before Waipiata turnoff	190	
88	1	Frederick St	9550	
88	3	Dunedin Logan Point	7400	
88	10	Dunedin Roseneath	5085	C
88	11	Dunedin Sawyers Bay	4190	
90	1	Raes Junction	620	
90	2	Logan Point	7400	
90	26	North Tapanui past Heriot Rd	560	
90	32	South Tapanui before Victoria Rd	915	
90	58	McNab	1675	
94	1	Gore Borough Boundary	1980	
94	2	Gore North of Borough Boundary	1670	

**Transit New Zealand****Traffic Volumes****1999**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	FREQ %HMV
94	34	Riversdale	675	
94	59	Lumsden East of SH6	780	
94	64	Lumsden West of SH6	690	
94	111	Mararoa past Printchester Creek Bridge	1085	
94	136	Te Anau East	1475	C
94	139	Te Anau School	2175	
94	141	Te Anau Upukerora River	845	
94	172	Retford Stream	425	C
94	230	Falls Creek Bridge	645	
95	2	Wildlide Park	1170	
95	2	Rainbow Reach	685	
96	9	Glencoe Near Hedgehope Stream Bridge	410	
96	42	Browns	1000	
96	56	Oreti Hotel	1440	
96	75	Wreys Bush before hall	835	
96	89	Crawfords Tunnel Ohai	530	
98	11	Ex Lorne Dacre Road	1260	
99	0	Lorneville East of Railway Bridge	4140	
99	8	East of Argyle Corner	3450	
99	27	Riverton near racecourse	1805	C
99	39	Colac	650	
99	75	Tuatapere	465	
99	88	Clifden near School	420	