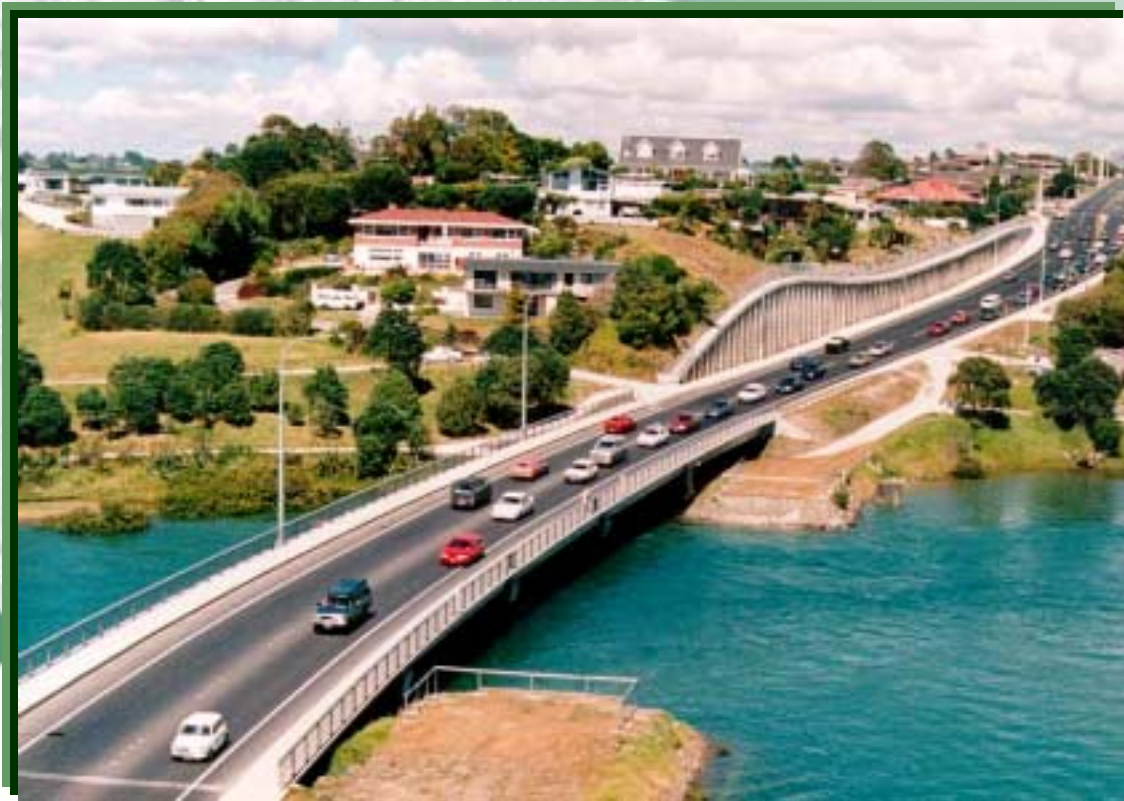


# State Highway Traffic Volumes 2002





# **State Highway Traffic Volumes 2002**

**Prepared by  
Traffic Design Group Ltd.  
for Transit New Zealand**

## **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 (Transit) to effectively and efficiently allocate resources.

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

The data collection, and processing, for the permanent weigh-in-motion and telemetry sites is undertaken by Transit's Highway Management Division, National Office Wellington. The ATMS sites on the Auckland motorways are operated on behalf of Transit by an external contractor. The remaining sites, which represent the large majority of the sites throughout New Zealand, are not monitored continuously, and are counted several times a year as part of the Transit's regional traffic counting programmes administered by the Transit regional offices.

Transit welcomes any feedback on this publication. Note that this document is also available on the Transit website.

## **Disclaimer**

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

The limitations of the traffic counters and their installation, conversion of axle pairs to vehicle counts (in the case of tube counts), seasonal variations, congestion effects, and various analysis procedures contribute to a level of approximation 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 Region office.

Transit 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. The contents should not be used in isolation from other sources of advice and information.

Chris Parkman  
Highway Management Division  
Transit New Zealand  
August 2003

## Notes

1. STATE HIGHWAY - State Highway 1 is suffixed N and S for the North and South Islands respectively.
2. DISTANCE - The approximate distance of the 'count site' in kilometres from the start of the highway.
3. LOCATION - The approximate descriptive location on the state highway. For more precise location details refer to the appropriate Transit region 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. TYPE - The majority of the traffic counts provided in this publication have been undertaken at the particular count site over one or two typical weeks in the year and factored accordingly to provide a relatively robust estimate of the annual traffic volume at that location. There are other count sites which are monitored on a more regular basis and these sites are coded as follows:

ATMS - Advanced Traffic Management System, monitored continuously  
TEL - Telemetry sites (usually dual loop), monitored continuously  
WIM - Weigh-in-motion sites, monitored continuously.  
CON - Regional control site, not monitored continuously throughout the year but more frequently than other non-continuous count sites

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 these sites.

The continuous telemetry sites administered by Transit categorises vehicles into four standard vehicle length bins as follows:

<b>0.5 to 5.5m</b>	<b>5.5 to 11m</b>	<b>11 to 17m</b>	<b>17 to 35m</b>
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For convenience, the number of heavy commercial vehicles is typically calculated from the length bin counts as the total of all vehicles exceeding 11m in length plus half of the vehicles in the 5.5 to 11m vehicle length bin.

The number in the % HMV column denotes the approximate percentage of Heavy Motor Vehicles measured at the particular count site

7. Where a State Highway spans more than one Transit 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 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1A	0	Northern Motorway Silverdale Interchange Southbound .....	6170	ATMS	
1A	0	Northern Motorway Silverdale Interchange Northbound .....	6660	ATMS	
1A	0	Northern Motorway Silverdale On Ramp Northbound .....	550		
1A	0	Northern Motorway Silverdale Off Ramp Southbound .....	400		
1B	1	Taupiri Town Edge (by RS 0/1.0 peg) .....	4240		
1B	15	500m past Gordonton Rd/Taylor Rd Intersection .....	1630		
1B	24	100m past Holland Rd Intersection .....	1860		
1B	32	200m before Tauwhare Intersection .....	1890		
1B	33	200m after Tauwhare Intersection .....	2470		
1B	40	200m past Fencourt Rd .....	3260		
1B	43	Outside Cemetery .....	5230		
1C	1	North of Station Road .....	6630		
1C	3	South of Station Road .....	13330		
1D	1	Abbotts Creek Bridge .....	2750		
1D	4	Saddle Hill .....	2950		
1F	20	Waitiki Landing, North of Te Hapua Rd .....	160		
1F	21	Waitiki Landing, South of Te Hapua Rd .....	250		
1F	66	Houhora, East of Salvation Rd .....	900		
1F	96	East of Paparore Rd .....	1640		
1F	103	South of Southley St .....	3170		
1N	4	South of Awanui, Brotts Rd .....	5850		
1N	9	South of Empire St .....	5350		
1N	13	South of Fryer Rd .....	2480		
1N	28	South of Ramseys Bridge .....	1020		
1N	69	East of Sturge Rd .....	1590		
1N	84	North of Hariru Rd .....	1530		
1N	88	South of Mason Culvert .....	1540		
1N	90	West of Old Bay Rd .....	4050		
1N	100	West of Hautapu Rd .....	5500		
1N	103	North of Saies Rd .....	7270		
1N	106	North of Williams Bridge .....	7010		
1N	109	North of Paihia Rd .....	7910		
1N	111	KAWAKAWA - Telemetry Site 18 - South of Kawakawa .....	5660	TEL	
1N	144	South of Corbett Rd .....	7290		
1N	154	South of Vinegar Hill Rd .....	8200		
1N	159	North of Kamo Rd .....	7690		
1N	162	North of Titoki Pl .....	12260		
1N	163	North of Selwyn Ave .....	23450		
1N	164	South Selwyn Ave .....	21250		
1N	165	South of Tarewa Rd .....	22120		
1N	167	South of Cemetery Bridge .....	14830		
1N	170	North of Loop Rd .....	12470		
1N	187	East of Waipapa Bridge .....	9940		
1N	199	North of Uretiti Rd .....	8150		
1N	210	North Waipu Gorge Rd .....	6740		
1N	237	WELLSFORD - Telemetry Site 17 - North of Ross Rd .....	8120	TEL	8
1N	247	North of Matheson Rd .....	12220		
1N	250	South of Centennial Park Rd .....	9590		
1N	258	South Wellsford .....	8870		
1N	267	North of Woodcocks Rd .....	18720		
1N	270	South of McKinney Rd .....	13630		
1N	284	South of Puhoi Rd .....	13790		
1N	290	HADFIELDS BEACH - Telemetry Site 77 - North of Hadfields Beach .....	16130	TEL	7
1N	293	Orewa, North of Puriri Ave .....	23070		
1N	295	Orewa, South of Bridge .....	22560		
1N	296	North of Whangaparaoa Rd .....	31070		
1N	296	Northern Motorway Silverdale Interchange Southbound .....	6170	ATMS	
1N	296	Northern Motorway Silverdale Interchange Northbound .....	6660	ATMS	
1N	296	Northern Motorway Silverdale On Ramp Southbound .....	11330	ATMS	
1N	296	Northern Motorway Silverdale Off Ramp Northbound .....	10880	ATMS	
1N	297	Silverdale, North of Wainui Rd .....	14380		
1N	302	Northern Motorway Silverdale to Oteha Valley Rd Southbound .....	17500		
1N	302	Northern Motorway Silverdale to Oteha Valley Rd Northbound .....	17540		
1N	307	Northern Motorway Oteha Valley Rd Interchange Southbound .....	15370	ATMS	
1N	307	Northern Motorway Oteha Valley Rd Interchange Northbound .....	15210	ATMS	
1N	308	Northern Motorway Oteha Valley Rd On Ramp Southbound .....	7630	ATMS	

# Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1N	308	Northern Motorway Oteha Valley Rd Off Ramp Northbound .....	7390	ATMS	
1N	308	Northern Motorway Oteha Valley Rd On Ramp Northbound .....	2440		
1N	308	Northern Motorway Oteha Valley Rd Off Ramp Southbound .....	2200		
1N	308	Northern Motorway Oteha Valley Rd to Greville Rd Southbound .....	23000		
1N	308	Northern Motorway Oteha Valley Rd to Greville Rd Northbound .....	22600	ATMS	
1N	309	Northern Motorway Greville Rd Interchange Southbound .....	21570	ATMS	
1N	309	Northern Motorway Greville Rd Interchange Northbound .....	21250	ATMS	
1N	310	Northern Motorway Greville Rd On Ramp Southbound .....	18100	ATMS	
1N	310	Northern Motorway Greville Rd Off Ramp Northbound .....	17980	ATMS	
1N	309	Northern Motorway Greville Rd On Ramp Northbound .....	1220		
1N	309	Northern Motorway Greville Rd Off Ramp Southbound .....	1340		
1N	311	Northern Motorway Greville Rd to Upper Harbour Hwy Southbound .....	37600		
1N	310	Northern Motorway Greville Rd to Upper Harbour Hwy Northbound .....	39230		
1N	311	Northern Motorway Upper Harbour Hwy Interchange Southbound .....	29420	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy Interchange Northbound .....	31130	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy On Ramp Southbound .....	12940	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy Off Ramp Northbound .....	12670	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy On Ramp Northbound .....	8720		
1N	311	Northern Motorway Upper Harbour Hwy Off Ramp Southbound .....	8310		
1N	312	Northern Motorway Upper Harbour Hwy to Tristram Ave Southbound .....	42360		
1N	312	Northern Motorway Upper Harbour Hwy to Tristram Ave Northbound .....	43800		
1N	313	Northern Motorway Tristram Ave Interchange Southbound .....	34910	ATMS	
1N	313	Northern Motorway Tristram Ave Interchange Northbound .....	36850	ATMS	
1N	314	Northern Motorway Tristram Ave On Ramp Southbound .....	15130	ATMS	
1N	314	Northern Motorway Tristram Ave Off Ramp Northbound .....	15760	ATMS	
1N	314	Northern Motorway Tristram Ave On Ramp Northbound .....	6720		
1N	313	Northern Motorway Tristram Ave Off Ramp Southbound .....	7060		
1N	314	Northern Motorway Tristram Ave to Northcote Rd Southbound .....	50040		
1N	314	Northern Motorway Tristram Ave to Northcote Rd Northbound .....	52610		
1N	316	Northern Motorway Northcote Rd Interchange Southbound .....	40870	ATMS	
1N	316	Northern Motorway Northcote Rd Interchange Northbound .....	42560	ATMS	
1N	316	Northern Motorway Northcote Rd On Ramp Southbound .....	2250	ATMS	
1N	316	Northern Motorway Northcote Rd Off Ramp Northbound .....	5960	ATMS	
1N	315	Northern Motorway Northcote Rd On Ramp Northbound .....	13020		
1N	316	Northern Motorway Northcote Rd Off Ramp Southbound .....	11190		
1N	317	Northern Motorway Esmonde Rd Interchange Southbound .....	49070	ATMS	
1N	317	Northern Motorway Esmonde Rd Interchange Northbound .....	45370	ATMS	
1N	318	Northern Motorway Esmonde Rd On Ramp Southbound .....	24930	ATMS	
1N	318	Northern Motorway Esmonde Rd Off Ramp Northbound .....	22170	ATMS	
1N	318	Northern Motorway Esmonde Rd to Onewa Rd Southbound .....	74000		
1N	318	Northern Motorway Esmonde Rd to Onewa Rd Northbound .....	67540		
1N	319	Northern Motorway Onewa Rd Interchange Southbound .....	70750		
1N	319	Northern Motorway Onewa Rd Interchange Northbound .....	61810		
1N	319	Northern Motorway Onewa Rd On Ramp Southbound .....	7320		
1N	319	Northern Motorway Onewa Rd Off Ramp Northbound .....	12730		
1N	319	Northern Motorway Onewa Rd On Ramp Northbound .....	5260		
1N	319	Northern Motorway Onewa Rd Off Ramp Southbound .....	3250		
1N	320	Northern Motorway Onewa Rd to Stafford Rd .....	75540		
1N	320	Northern Motorway Stafford Rd Off Ramp Northbound .....	3220		
1N	321	Auck N MW - Constellation/U Harbour to Tristram .....	14380		
1N	321	Northern Motorway Onewa Rd to Shelly Bch Rd Southbound .....	78070		
1N	320	Northern Motorway Stafford Rd to Curran St Northbound .....	77480		
1N	322	Northern Motorway Curran St On Ramp Northbound .....	10180		
1N	322	Northern Motorway Shelly Beach Rd Off Ramp Southbound .....	11910		
1N	322	Northern Motorway Shelly Bch Rd to Fanshawe St Southbound .....	63250	ATMS	
1N	322	Northern Motorway Curran St to Fanshawe St Northbound .....	68660	ATMS	
1N	323	Northern Motorway Fanshawe St On Ramp Northbound .....	24260		
1N	323	Northern Motorway Fanshawe St Off Ramp Southbound .....	20560		
1N	323	Northern Motorway Fanshawe St to Cook St Southbound .....	42690		
1N	324	Northern Motorway Cook St to Hobson St Northbound .....	29270	ATMS	
1N	324	Northern Motorway Fanshawe St to Wellington St Northbound .....	44960		
1N	324	Northern Motorway Wellington St On Ramp Northbound .....	15870		
1N	324	Northern Motorway Cook St Off Ramp Southbound .....	16580		
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 .....	155260	TEL	
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 - Centre Span .....	73350	TEL	5
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 - Left Clip-on .....	39600	TEL	5
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 - Right Clip-on .....	42310	TEL	5
1N	335	Northern Motorway Wellington St to Nelson St Northbound .....	29460	ATMS	
1N	335	Southern Motorway Hobson St On Ramp Southbound .....	17630		
1N	335	Southern Motorway Nelson St Off Ramp Northbound .....	15150		
1N	335	Southern Motorway Nelson St to N/W Off Ramp .....	30710		

**Transit New Zealand Traffic Volumes 2002**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1N	335	Southern Motorway Hobson St to N/W On Ramp .....	46600		
1N	335	Southern Motorway N/W Off Ramp Northbound .....	5050		
1N	335	Southern Motorway N/W On Ramp Southbound .....	19280		
1N	335	Southern Motorway N/W to Symonds St Southbound .....	75780	ATMS	
1N	336	Southern Motorway N/W to Wellesley St Northbound .....	66500	ATMS	
1N	336	Auck N MW - Symonds .....	142280		
1N	336	Southern Motorway Symonds St On Ramp Southbound .....	10080		
1N	336	Southern Motorway Grafton Rd On Ramp Southbound .....	10270		
1N	336	Southern Motorway Wellesley St Off Ramp Northbound .....	10080		
1N	336	Southern Motorway Symonds St Off Ramp Northbound .....	7700		
1N	336	Southern Motorway Grafton Rd Off Ramp Northbound .....	5050		
1N	336	Southern Motorway Grafton Rd to Khyber Pass Southbound .....	85880		
1N	336	Southern Motorway Wellesley St to Khyber Pass Northbound .....	88890		
1N	337	Auck S MW - Gillies Ave to St Marks Rd .....	174770		
1N	337	Southern Motorway Khyber Pass On Ramp Southbound .....	13110		
1N	337	Southern Motorway Khyber Pass Off Ramp Northbound .....	10840		
1N	337	Southern Motorway Khyber Pass to Gillies Southbound .....	98760		
1N	337	Southern Motorway Khyber Pass to Gillies Northbound .....	99100		
1N	338	Auck S MW - Khyber Pass to Gillies .....	197860		
1N	338	Southern Motorway Gillies Ave Off Ramp Southbound .....	17780		
1N	338	Southern Motorway Gillies Ave On Ramp Northbound .....	23720	ATMS	
1N	338	Southern Motorway Gillies Ave to St Marks Rd Southbound .....	80670	ATMS	
1N	338	Southern Motorway St Marks Rd On Ramp Southbound .....	8110		
1N	338	Southern Motorway St Marks Rd to Market Rd Southbound .....	89440		
1N	338	Southern Motorway Gillies Ave to Market Rd Northbound .....	75390	ATMS	
1N	339	Southern Motorway Market Rd Off Ramp Southbound .....	7520		
1N	339	Southern Motorway Market Rd Off Ramp Northbound .....	6420		
1N	339	Southern Motorway Market Rd to Green Lane East Southbound .....	82530		
1N	339	Southern Motorway Market Rd to Green Lane East Northbound .....	82210		
1N	340	Auck S MW - Green Lane mid interchange .....	134690		
1N	340	Southern Motorway Green Lane East Interchange Southbound .....	69200	ATMS	
1N	340	Southern Motorway Green Lane East Interchange Northbound .....	65490	ATMS	
1N	340	Southern Motorway Green Lane East On Ramp Southbound .....	10900		
1N	340	Southern Motorway Green Lane East Off Ramp Northbound .....	9180		
1N	340	Southern Motorway Green Lane East On Ramp Northbound .....	17860		
1N	340	Southern Motorway Green Lane East Off Ramp Southbound .....	14510		
1N	340	Southern Motorway Green Lane East to Tecoma St Southbound .....	80050		
1N	341	Southern Motorway Tecoma St Interchange Southbound .....	74870		
1N	341	Southern Motorway Tecoma St On Ramp Southbound .....	1740		
1N	341	Southern Motorway Tecoma St Off Ramp Southbound .....	5140		
1N	342	Auck S MW - Ellerslie/Penrose mid interchange .....	122440		
1N	342	Southern Motorway Tecoma St to Ellerslie Panmure Hwy Southbound .....	76600		
1N	341	Southern Motorway Green Lane East to Ellerslie Panmure Hwy Northbound .....	73720		
1N	342	Southern Motorway Ellerslie Panmure Hwy Interchange Southbound .....	63700	ATMS	
1N	342	Southern Motorway Ellerslie Panmure Hwy Interchange Northbound .....	58740	ATMS	
1N	342	Southern Motorway Ellerslie Panmure Hwy On Ramp Southbound .....	7080		
1N	343	Southern Motorway Ellerslie Panmure Hwy Off Ramp Northbound .....	7110		
1N	342	Southern Motorway Ellerslie Panmure Hwy On Ramp Northbound .....	13580		
1N	342	Southern Motorway Ellerslie Panmure Hwy Off Ramp Southbound .....	12830		
1N	344	Southern Motorway Ellerslie Panmure Hwy to South Eastern Hwy Southbound .....	70890		
1N	345	Auck S MW - Mt Wgtn mid interchange .....	80880		
1N	343	Southern Motorway South Eastern Hwy On Ramp Northbound .....	20190		
1N	345	Southern Motorway South Eastern Hwy Off Ramp Southbound .....	21500		
1N	345	Southern Motorway South Eastern Hwy to Mt Wellington Hwy Southbound .....	49700		
1N	344	Southern Motorway South Eastern Hwy to Mt Wellington Hwy Northbound .....	48090		
1N	345	Southern Motorway Mt Wellington Hwy Interchange Southbound .....	40940	ATMS	
1N	345	Southern Motorway Mt Wellington Hwy Interchange Northbound .....	39940	ATMS	
1N	346	Southern Motorway Mt Wellington Hwy On Ramp Southbound .....	13270		
1N	346	Southern Motorway Mt Wellington Hwy Off Ramp Northbound .....	12970		
1N	345	Southern Motorway Mt Wellington Hwy On Ramp Northbound .....	8950		
1N	346	Southern Motorway Mt Wellington Hwy Off Ramp Southbound .....	8880		
1N	347	PANAMA ROAD - Telemetry Site 79 .....	108940	TEL	
1N	347	PANAMA ROAD - Telemetry Site 79 - SBD .....	53950	TEL	5
1N	347	PANAMA ROAD - Telemetry Site 79 - NBD .....	54990	TEL	5
1N	348	Southern Motorway Princes St Interchange Southbound .....	49650		
1N	348	Southern Motorway Princes St Interchange Northbound .....	49120		
1N	348	Southern Motorway Princes St On Ramp Southbound .....	5260		
1N	349	Southern Motorway Water St Off Ramp Northbound .....	5600		
1N	348	Southern Motorway Princes St On Ramp Northbound .....	5280		
1N	348	Southern Motorway Princes St Off Ramp Southbound .....	6100		
1N	350	Southern Motorway Princes St to East Tamaki Rd Southbound .....	52730		

# Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1N	350	Southern Motorway Water St to East Tamaki Rd Northbound .....	54100		
1N	351	Auck S MW - Papatoetoe mid interchange .....	80870		
1N	351	Southern Motorway East Tamaki Rd Interchange Southbound .....	40240	ATMS	
1N	351	Southern Motorway East Tamaki Rd Interchange Northbound .....	40630	ATMS	
1N	351	Southern Motorway East Tamaki Rd On Ramp Southbound .....	7750		
1N	351	Southern Motorway East Tamaki Rd Off Ramp Northbound .....	6700		
1N	351	Southern Motorway East Tamaki Rd On Ramp Northbound .....	13480	ATMS	
1N	351	Southern Motorway East Tamaki Rd Off Ramp Southbound .....	12490	ATMS	
1N	352	Southern Motorway East Tamaki Rd to Te Irirangi Dr Southbound .....	47650		
1N	353	Southern Motorway East Tamaki Rd to Te Irirangi Dr Northbound .....	47620		
1N	353	Auck S MW - Papatoetoe to Manukau .....	77950		
1N	354	Southern Motorway Te Irirangi Dr On Ramp Northbound .....	8180		
1N	354	Southern Motorway Te Irirangi Dr Off Ramp Southbound .....	9080		
1N	354	Southern Motorway Te Irirangi Dr to Manukau Southbound .....	38160		
1N	354	Southern Motorway Te Irirangi Dr to Manukau Northbound .....	39790		
1N	354	Southern Motorway Manukau Interchange Southbound .....	29040	ATMS	
1N	354	Southern Motorway Manukau Interchange Northbound .....	30710	ATMS	
1N	355	Auck S MW - Manukau mid interchange .....	59750		
1N	356	Auck S MW - Manukau to Manurewa .....	88840		
1N	355	Southern Motorway Manukau On Ramp Southbound .....	13830		
1N	356	Southern Motorway Manukau Off Ramp Northbound .....	14290		
1N	355	Southern Motorway Manukau On Ramp Northbound .....	9090	ATMS	
1N	355	Southern Motorway Manukau Off Ramp Southbound .....	9130	ATMS	
1N	357	Southern Motorway Manukau to Hill Rd Southbound .....	43410		
1N	357	Southern Motorway Manukau to Hill Rd Northbound .....	45430		
1N	358	Southern Motorway Hill Rd On Ramp Northbound .....	9280		
1N	358	Southern Motorway Hill Rd Off Ramp Southbound .....	9240		
1N	359	Southern Motorway Hill Rd to Takanini Southbound .....	34540		
1N	359	Southern Motorway Hill Rd to Takanini Northbound .....	36440		
1N	361	Southern Motorway Takanini Interchange Southbound .....	26570	ATMS	
1N	361	Southern Motorway Takanini Interchange Northbound .....	27780	ATMS	
1N	361	Southern Motorway Takanini On Ramp Southbound .....	6410		
1N	361	Southern Motorway Takanini Off Ramp Northbound .....	6550		
1N	361	Southern Motorway Takanini On Ramp Northbound .....	8650	ATMS	
1N	360	Southern Motorway Takanini Off Ramp Southbound .....	8300		
1N	361	Auck S MW - Takanini mid interchange .....	44350		
1N	363	Southern Motorway Takanini to Papakura Southbound .....	31680		
1N	363	Southern Motorway Takanini to Papakura Northbound .....	34010		
1N	365	Southern Motorway Papakura Interchange Southbound .....	21000		
1N	365	Southern Motorway Papakura Interchange Northbound .....	23350		
1N	365	Southern Motorway Papakura On Ramp Southbound .....	2350		
1N	365	Southern Motorway Papakura Off Ramp Northbound .....	2610		
1N	365	Southern Motorway Papakura On Ramp Northbound .....	10170		
1N	365	Southern Motorway Papakura Off Ramp Southbound .....	8880		
1N	367	DRURY - Telemetry Site 7 - Park Estate .....	48700	TEL	
1N	367	DRURY - Telemetry Site 7 (SBD) - Park Estate .....	22880	TEL	
1N	367	DRURY - Telemetry Site 7 (NBD) - Park Estate .....	25820	TEL	
1N	369	Southern Motorway Drury Interchange Southbound .....	15990		
1N	369	Southern Motorway Drury Interchange Northbound .....	17290		
1N	369	Southern Motorway Drury On Ramp Southbound .....	1350		
1N	369	Southern Motorway Drury Off Ramp Northbound .....	1070		
1N	369	Southern Motorway Drury On Ramp Northbound .....	8610		
1N	368	Southern Motorway Drury Off Ramp Southbound .....	8280		
1N	371	DRURY (WIM Site 48) .....	36210	WIM	10
1N	371	Southern Motorway Drury to Ramarama Southbound .....	17570	CON	
1N	371	Southern Motorway Drury to Ramarama Northbound .....	18370	CON	
1N	373	Southern Motorway Ramarama Interchange Southbound .....	16320		
1N	373	Southern Motorway Ramarama Interchange Northbound .....	16890		
1N	373	Southern Motorway Ramarama On Ramp Southbound .....	310		
1N	373	Southern Motorway Ramarama Off Ramp Northbound .....	350		
1N	373	Southern Motorway Ramarama On Ramp Northbound .....	1500		
1N	373	Southern Motorway Ramarama Off Ramp Southbound .....	1500		
1N	376	Southern Motorway Ramarama to Mill Rd Southbound .....	16690		
1N	376	Southern Motorway Ramarama to Mill Rd Northbound .....	17240		
1N	377	Auck S MW - Drury to Ramarama .....	35940		
1N	379	Southern Motorway Mill Rd Southbound .....	13000		
1N	379	Southern Motorway Mill Rd Northbound .....	12800		
1N	380	Southern Motorway Mill Rd On Ramp Southbound .....	2660		
1N	379	Southern Motorway Mill Rd Off Ramp Northbound .....	3010		
1N	379	Southern Motorway Mill Rd On Ramp Northbound .....	4480		
1N	379	Southern Motorway Mill Rd Off Ramp Southbound .....	4420		



# Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1N	380	Southern Motorway Mill Rd to Beaver Rd Southbound .....	16110		
1N	380	Southern Motorway Mill Rd to Beaver Rd Northbound .....	15840		
1N	381	Southern Motorway Beaver Rd Southbound .....	16060		
1N	381	Southern Motorway Beaver Rd Northbound .....	15540		
1N	381	Southern Motorway Beaver Rd On Ramp Southbound .....	20		
1N	381	Southern Motorway Beaver Rd Off Ramp Northbound .....	270		
1N	381	Southern Motorway Beaver Rd On Ramp Northbound .....	300		
1N	381	Southern Motorway Beaver Rd Off Ramp Southbound .....	60		
1N	382	Southern Motorway Beaver Rd to Nikau Rd Southbound .....	16080		
1N	382	Southern Motorway Beaver Rd to Nikau Rd Northbound .....	15810		
1N	382	Southern Motorway Nikau Rd Southbound .....	15590		
1N	382	Southern Motorway Nikau Rd Northbound .....	15340		
1N	382	Southern Motorway Nikau Rd On Ramp Southbound .....	80		
1N	382	Southern Motorway Nikau Rd Off Ramp Northbound .....	60		
1N	382	Southern Motorway Nikau Rd On Ramp Northbound .....	470		
1N	382	Southern Motorway Nikau Rd Off Ramp Southbound .....	490		
1N	382	BOMBAY - Telemetry Site 72 .....	31700	TEL	10
1N	382	BOMBAY - Telemetry Site 72 - (SBD) .....	15890	TEL	10
1N	382	BOMBAY - Telemetry Site 72 - (NBD) .....	15810	TEL	10
1N	383	Southern Motorway Nikau Rd to Razorback Rd Southbound .....	15680		
1N	383	Southern Motorway Nikau Rd to Razorback Rd Northbound .....	15410		
1N	384	Southern Motorway Razorback Rd On Ramp Northbound .....	350		
1N	384	Southern Motorway Razorback Rd Off Ramp Southbound .....	360		
1N	384	Southern Motorway Razorback Rd to SH1/SH2 Southbound .....	15310		
1N	384	Southern Motorway Razorback Rd to SH1/SH2 Northbound .....	15050		
1N	385	Southern Motorway SH1/SH2 Southbound .....	9560		
1N	385	Southern Motorway SH1/SH2 Northbound .....	9120		
1N	385	SH1/SH2 On Ramp Southbound .....	300		
1N	385	SH1/SH2 Off Ramp Northbound .....	300		
1N	385	SH1/SH2 On Ramp Northbound .....	5940		
1N	385	SH1/SH2 Off Ramp Southbound .....	5750		
1N		<b>Auckland / Hamilton regional boundary</b>			
1N	390	400m before Horace Russell Rd (Inc - SBD) .....	8170		
1N	390	400m before Horace Russell Rd (Dec - NBD) .....	7380		
1N	395	Next to bus bay LHS (outside Power Station) .....	16070		
1N	414	580m past Te Onetea Rd .....	14140		
1N	428	North of Bell Crossing St - opposite house #222 .....	15250		
1N	429	120m past Bells Crossing St (Huntly) .....	19000		
1N	430	5m south of rail crossing ( 80m North of Rayner Rd) .....	15490		
1N	431	Next to Transformer #97, south of Mobil Huntly .....	17490		
1N	434	TAUPIRI - Telemetry Site 19 - North of Gordonton Rd .....	17030	TEL	10
1N	438	Ngaruawahia, 100m South of Hopu Hopu Rail Br .....	13570		
1N	442	70m south of River Rd .....	15040		
1N	446	Opposite Ngaruawahia Golf Club sign .....	16130		
1N	449	100m south of Horotiu Bridge Rd .....	17020		
1N	455	400m north of Avalon/Te Rapa roundabout .....	23800		
1N	457	50m south of Crawford St .....	22250		
1N	458	200m north of Rifle Range Rd .....	26000		
1N	459	55m south of Edgar St (Inc - SBD) .....	9380		
1N	459	20m south of Edgar St (Dec - NBD) .....	9010		
1N	461	120m east of railway crossing .....	21380		
1N	462	100m west of Dowding St .....	11700		
1N	463	150m west of Cobham Dr intersection (Inc - SBD) .....	13000		
1N	463	200m west of Cobham Dr intersection (Dec - NBD) .....	12760		
1N	464	50m east of Cobham Dr Bridge .....	25810		
1N	466	150m west of Johnsvie Tce (Inc - SBD) .....	13300		
1N	466	100m west of Johnsvie Tce (Dec - NBD) .....	13910		
1N	467	75m east of Cambridge Rd roundabout (Inc - SBD) .....	18160		
1N	467	70m east of Cambridge Rd roundabout (Dec - NBD) .....	18520		
1N	468	100m north of Riverlea Rd .....	25390		
1N	468	135m north of Riverlea Rd (Inc - SBD) .....	12370		
1N	468	105m north of Riverlea Rd (Dec - NBD) .....	12600		
1N	470	355m past Cherry Lane (Tamahere Motels) .....	22060		
1N	474	North of Pickering Rd .....	17380		
1N	485	Cambridge By-Pass, north of Duke St .....	18370		
1N	491	KARAPIRO - Telemetry Site 20 - South of Hydro Turnoff .....	13340	TEL	10
1N	505	400m south of State Highway 29 .....	7380		
1N	517	South of Oraka Stream Bridge .....	10840		
1N	518	200m south of SH 5 junction .....	7820		
1N	525	50m north of Oraka Stream Bridge .....	9490		
1N	531	LICHFIELD - Telemetry Site 21 - South of Baldwin Rd .....	9160	TEL	15

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1N	546	TOKOROA - WIM Site 51 .....	8640	WIM	5
1N	551	Tokoroa, 150m South of Balmoral Dr .....	9250		
1N	557	South of Kinleith Rd, by RS peg 550/7.09 .....	6360		
1N	601	Wairakei, 100m south of Palmer Mill Rd .....	5130		
1N	611	At RS peg 606/5.07 (past Huka Loop Rd) .....	9910		
1N	614	Taupo, 20m north of Control Gates .....	26570		
1N	617	Taupo, 100m north of SH 5 junction, Waipahihi .....	17630		
1N	618	Taupo, 300m south of SH 5 junction .....	15160		
1N	641	HALLETTS BAY - Telemetry Site 42 .....	5500	TEL	14
1N	671	100m north of RS peg 666/5 .....	3980		
1N	676	500m past SH 46 (National Park Rd) Rangipo .....	3180		
1N	708	<b>Hamilton / Wanganui regional boundary</b>			
1N	709	Desert Rd .....	3980		
1N	739	HIHITAHU - Telemetry Site 29 - Near Deacons Rd .....	4420	TEL	11
1N	752	Hautapu (Taihape Deviation) .....	4720		
1N	757	Mataroa Rd (Taihape) .....	6190		
1N	761	Utiku Straights .....	5480		
1N	780	Mangaweka North .....	4870		
1N	796	Hunterville, North Vinegar Hill Rd .....	4430		
1N	820	Rata South at Mangaraupi Bridge .....	4790		
1N	835	Greatford .....	5740		
1N	842	Bulls North .....	5180		
1N	845	Bulls, Rangitikei River Bridge .....	12450		
1N	848	SANSON - Telemetry Site 38 .....	11830	TEL	10
1N	859	Carnarvon, South of Champions Line .....	5260		
1N	873	Himatangi, South of SH 56 .....	6880		
1N	881	Foxton .....	9440		
1N	884	Whirokino .....	7750		
1N	898	Levin, Kawi Rd - Gordon Pl .....	9840		
1N	900	Levin, Oxford St .....	13870		
1N	903	Levin, South of Town .....	12160		
1N	906	OHAU - Telemetry Site 56 - Ohau Overbridge .....	14400	TEL	9
1N	915	<b>Wanganui / Wellington regional boundary</b>			
1N	918	Otaki, North Waitohu Stream Bridge .....	13880		
1N	921	Otaki, North of Waerenga Rd .....	16380		
1N	922	Otaki River Bridge .....	15930		
1N	936	Waikanae, North of Elizabeth St .....	20030		
1N	940	Paraparaumu North, near Kapiti Lookout .....	23190		
1N	943	Coastlands, Paraparaumu North of Ihakara St .....	24300		
1N	948	Waterfall Road .....	23600		
1N	950	Paekakariki, South of MacKays Crossing .....	23600		
1N	958	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification) .....	21590	TEL	4
1N	960	Pukerua Bay, North of Wairaka Rd .....	22450		
1N	964	Plimmerton Taupo Swamp .....	23580		
1N	964	Plimmerton Taupo Swamp Offramp .....	170		
1N	968	Paremata Bridge .....	29310		
1N	970	Papakowhai footbridge .....	32540		
1N	970	Papakowhai footbridge (Inc - SBD) .....	17390		
1N	970	Papakowhai footbridge (Dec - NBD) .....	15150		
1N	972	Mungavin mid diamond .....	30650		
1N	972	Mungavin mid diamond (Inc - SBD) .....	15410		
1N	972	Mungavin mid diamond (Dec - NBD) .....	15240		
1N	972	Ramp Bridge On Ramp (NBD) .....	8310		
1N	972	Ramp Bridge Off Ramp (SBD) .....	8700		
1N	973	Mungavin On Ramp (NBD) .....	4130		
1N	973	Mungavin Off Ramp (SBD) .....	3730		
1N	977	Wellington Northern M/W Porirua - Tawa .....	38980		
1N	977	Wellington Northern M/W Porirua - Tawa (Inc - SBD) .....	19450		
1N	977	Wellington Northern M/W Porirua - Tawa (Dec - NBD) .....	16640		
1N	982	Wellington M/W South of Grenada interchange .....	52680		
1N	982	Wellington M/W South of Grenada interchange (Inc - SBD) .....	26270		
1N	982	Wellington M/W South of Grenada interchange (Dec - NBD) .....	26410		
1N	983	Wellington M/W J'ville Bypass .....	40860		
1N	983	Wellington M/W J'ville Bypass (Inc - SBD) .....	20790		
1N	983	Wellington M/W J'ville Bypass (Dec - NBD) .....	20070		
1N	985	Wellington Ngauranga Gorge .....	69370		
1N	985	Wellington Ngauranga Gorge (Inc - SBD) .....	34470		
1N	985	Wellington Ngauranga Gorge (Dec - NBD) .....	34900		
1N	987	NGAURANGA - Telemetry Site 3 - Flyover S/B .....	21620	TEL	2
1N	987	NGAURANGA - Telemetry Site 4 - Flyover N/B .....	21840	TEL	3
1N	990	Wgtn M/W Thorndon Flyover .....	57200		

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1N	990	Wgtn M/W Thorndon Flyover (Inc - SBD)	27520		
1N	990	Wgtn M/W Thorndon Flyover (Dec - NBD)	29680		
1N	990	May St On Ramp (NBD)	4280		
1N	990	Murphy St Off Ramp (SBD)	5050		
1N	991	Wgtn M/W Hawkestone/Tinakori Thru Lanes	45120		
1N	991	Wgtn M/W Hawkestone/Tinakori Thru Lanes (Inc - SBD)	22610		
1N	991	Wgtn M/W Hawkestone/Tinakori Thru Lanes (Dec - NBD)	22510		
1N	991	Hawkestone Offramp SBD	3420		
1N	991	Hawkestone On ramp SBD	4080		
1N	992	Tinakori On ramp NBD	3250		
1N	992	Tinakori Offramp NBD	6180		
1N	993	Wgtn M/W Terrace Tunnel	40850		
1N	993	Wgtn M/W Terrace Tunnel (Inc - SBD)	18560		
1N	993	Wgtn M/W Terrace Tunnel (Dec - NBD)	22290		
1N	996	Patterson St, South of Basin Reserve	37480	CON	5
1N	997	Ruahine St, South of Goa St	31880		
1N	998	Cobham Dr, South of Evans Bay Pde	32330		
1N	998	Cobham Dr, South of Evans Bay Pde (Inc - SBD)	17100		
1N	998	Cobham Dr, South of Evans Bay Pde (Dec - NBD)	15230		
1N	1000	Calabar Rd, South of Caledonia St	20580		
1S	1	Picton, Waitohi Bridge	5560		
1S	7	Picton - Blenheim, Koromiko	5100		
1S	26	Blenheim North, Opawa	8910		
1S	28	Blenheim, Park Tce	9570		
1S	31	Blenheim South, Riverlands	5810		
1S	49	Seddon North, Dashwood - Molesworth sign	3040		
1S	90	<b>Wellington / Christchurch regional boundary</b>			
1S	144	KAIKOURA - Telemetry Site 9 - North of Hapuku River	2260	TEL	16
1S	156	Kaikoura, Beach Rd	4480		
1S	163	Kowhai River Bridge, North of Route 70	2810		
1S	212	Parnassus, North of Leader River	2200		
1S	229	Cheviot Township	2370		
1S	245	1.5km north of Hurunui River	2340		
1S	284	Waipara, North of SH 7 Junction	3400		
1S	285	WAIPARA - WIM Site 52	6410	WIM	11
1S	295	Amberley	7380		
1S	301	Leithfield - North of Kings Rd	6800		
1S	313	Waikuku, South of township	8980		
1S	316	Woodend, at school	11230		
1S	317	Woodend, South of SH 72 Junction	12320		
1S	322	Kaiapoi - N. M/Way N of Smith St/Lineside Rd U/pass (SH 71)	10250		
1S	323	Kaiapoi - N. M/Way Betw SH 71 Sth Ramps and Ohoka Rd Nth Ramps	25150		
1S	323	Kaiapoi - N. M/Way Betw SH 71 Sth Ramps and Ohoka Rd Nth Ramps (Inc - SBD)	13070		
1S	323	Kaiapoi - N. M/Way Betw SH 71 Sth Ramps and Ohoka Rd Nth Ramps (Dec - NBD)	12080		
1S	324	Kaiapoi - N. M/Way Between Ohoka Rd North and South Ramps	23510		
1S	324	Kaiapoi - N. M/Way Between Ohoka Rd North and South Ramps (Inc - SBD)	11990		
1S	324	Kaiapoi - N. M/Way Between Ohoka Rd North and South Ramps (Dec - NBD)	11520		
1S	326	Kaiapoi - N. M/way Between Ohoka Rd South Ramps and Tram Rd South Ramps	30150		
1S	326	Kaiapoi - N. M/way Betw Ohoka Rd Sth Ramps and Tram Rd Sth Ramps (Inc - SBD)	15170		
1S	326	Kaiapoi - N. M/way Betw Ohoka Rd Sth Ramps and Tram Rd Sth Ramps (Dec - NBD)	14990		
1S	327	Christchurch - N. M/Way South end Waimakariri River Bridge	33150	CON	5
1S	327	Christchurch - N. M/Way South end Waimakariri River Bridge (Inc - SBD)	16770		
1S	327	Christchurch - N. M/Way South end Waimakariri River Bridge (Dec - NBD)	16380		
1S	329	Christchurch - N. M/way Between ERP 327/0.90 and Dickeys Rd	24870		
1S	329	Christchurch - N. M/way Between ERP 327/0.90 and Dickeys Rd (Inc - SBD)	12400		
1S	329	Christchurch - N. M/way Between ERP 327/0.90 and Dickeys Rd (Dec - NBD)	12470		
1S	330	Christchurch - South of Belfast Tavern/Dickeys Rd	27380		
1S	330	Christchurch - South of Belfast Tavern/Dickeys Rd (Inc - SBD)	13700		
1S	330	Christchurch - South of Belfast Tavern/Dickeys Rd (Dec - NBD)	13690		
1S	332	Christchurch - Main North Rd North of Johns Rd	33000		
1S	332	Christchurch - Main North Rd North of Johns Rd (Inc - SBD)	16500		
1S	332	Christchurch - Main North Rd North of Johns Rd (Dec - NBD)	16500		
1S	333	Christchurch - Johns Rd East of Groynes Entrance	12500		
1S	339	Christchurch - between Harewood & Mcleans Island Rds	17530		
1S	340	Christchurch - Russley Rd, North of Memorial Rd	18180		
1S	343	Christchurch - Russley Rd, North of Ryans Rd	21250		
1S	345	Christchurch - Carmen Rd, South of Steadman Rd	17230		
1S	346	Christchurch - Carmen Rd, South of Buchanans Rd	18210		
1S	348	Christchurch - Main South Rd, South of Parker St	16070		
1S	349	Christchurch - South of Halswell Jn Rd	17030		

# Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1S	352	Christchurch - Main South Rd, South of Templeton .....	15380		
1S	366	Rolleston - South of Weedons Ross Rd .....	13550		
1S	376	Burnham - South of Burnham Rd .....	9460		
1S	389	DUNSANDEL - Telemetry Site 68 (LTSA) .....	7820	TEL	14
1S	400	Rakaia - North of Rakaia Bridge .....	9230		
1S	405	Rakaia - North of Hatfield Overdale Rd .....	6800		
1S	428	Ashburton - North of Rail Crossing, South of Golf Links Rd .....	9570		
1S	429	Ashburton - West St, South of Racecourse Rd .....	6740		
1S	430	Ashburton - West St, North of Wills St .....	10490		
1S	431	Ashburton - Archibald St Tinwald, South of Ashburton R. ....	17900		
1S	440	Winslow - South of Winslow Rd .....	6480		
1S	455	Hinds .....	6180		
1S	472	Orari - North of Arundel Belfield Rd .....	5130		
1S	482	Winchester, South of Township .....	7180		
1S	488	Temuka - Vine St, north of Wood St (Temuka Bypass) .....	7350		
1S	500	Timaru - North East of Racecourse Gates .....	12490		
1S	501	Timaru - Hilton Highway, North of SH 8 .....			
1S	502	Timaru - Hilton Highway, South of Washdyke Creek Bridge .....	17500		
1S	503	Timaru - Hilton Highway Between Blair and Bridge Sts .....	15320		
1S	505	TIMARU - Telemetry Site 69 - Evans St .....	19410	TEL	6
1S	506	Timaru - Theodosia St, North of Sefton St .....	15700		
1S	506	Timaru - Theodosia St, North of Sefton St (Inc - SBD) .....	7700		
1S	506	Timaru - Theodosia St, North of Sefton St (Dec - NBD) .....	8000		
1S	507	Timaru - Theodosia St at Church Rd Underpass .....	13600		
1S	508	Timaru - Craigie Ave, between North St and Browne St .....	11790		
1S	508	Timaru - Craigie Ave, between North St and Browne St (Inc - SBD) .....	5820		
1S	508	Timaru - Craigie Ave, between North St and Browne St (Dec - NBD) .....	5970		
1S	509	Timaru - King St, North of Otipua Rd .....	8970		
1S	510	Timaru - South of Beaconsfield Rd .....	6490		
1S	517	Pareora - North of Campbells Rd .....	6290		
1S	522	ST ANDREWS - Telemetry Site 31 - 2km north of St Andrews .....	5140	TEL	19
1S	541	Hook, North of Hook River .....	4630		
1S	567	Glenavy, North of Township .....	3140		
1S	569	<b>Christchurch / Dunedin regional boundary</b>			
1S	580	South of Waitaki River at Hilderthorpe .....	3930		
1S	584	Pukeuri, South of Junction With SH 83 .....	6290		
1S	588	Oamaru, Waitaki Ave - Virgil St .....	11950		
1S	591	Oamaru, Nen St - Exe St .....	16710		
1S	591	Oamaru, Nen St - Exe St (Inc - SBD) .....	8310		
1S	591	Oamaru, Nen St - Exe St (Dec - NBD) .....	8400		
1S	592	Oamaru, North of junction .....	9210		
1S	593	Oamaru, Old South Boundary before Weston Rd .....	7660		
1S	595	Oamaru, South of Waireka Rd .....	4270		
1S	612	Herbert, North of Ross Rd .....	4700		
1S	624	Hampden North .....	3670		
1S	630	Moeraki .....	3630		
1S	645	Bushey .....	3360		
1S	656	Palmerston Pleasant Valley .....	4370		
1S	678	Kilmog .....	4800		
1S	685	Evansdale .....	5770		
1S	701	Dunedin Northern Motorway, North of Pine Hill Rd .....	5740		
1S	703	Cumberland St, near Willowbank (Inc - SBD) .....	9270		
1S	703	Great King St, near Willowbank (Dec - NBD) .....	9430		
1S	705	Castle St, South of Hanover St (Inc - SBD) .....	14050		
1S	705	Cumberland St, South of Hanover St (Dec - NBD) .....	16230		
1S	706	Cumberland St, South of Rattray St (Inc - SBD) .....	22220		
1S	706	Crawford St, South of Rattray St (Dec - NBD) .....	16860		
1S	707	Andersons Bay Rd, near Ardmore Dr .....	34690		
1S	707	Andersons Bay Rd, near Ardmore Dr (Inc - SBD) .....	16690		
1S	707	Andersons Bay Rd, near Ardmore Dr (Dec - NBD) .....	18000		
1S	708	By King Edward St Overpass .....	20320		
1S	708	By King Edward St Overpass (Inc - SBD) .....	10980		
1S	708	By King Edward St Overpass (Dec - NBD) .....	9330		
1S	709	Caversham Lights .....	17080		
1S	710	Caversham Valley Rd .....	23620		
1S	711	Lookout Point .....	23750		
1S	711	Lookout Point (Inc - SBD) .....	11410		
1S	711	Lookout Point (Dec - NBD) .....	12340		
1S	713	BURNSIDE - Telemetry Site 63 .....	22420	TEL	5
1S	713	BURNSIDE - Telemetry Site 63 - SBD .....	13750	TEL	5
1S	713	BURNSIDE - Telemetry Site 63 - NBD .....	8670	TEL	5

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
1S	713	Main South Road, SBD .....	2940		
1S	713	Green Island On Ramp to Motorway (Tel Site 63) - NBD .....	2780	TEL	4
1S	714	Kaikorai Valley Offramp from Motorway (Tel Site 63) - NBD .....	2910	TEL	3
1S	714	Green Island to Kaikorai Valley Rd (Tel Site 63) - NBD .....	2280	TEL	
1S	716	Green Island Abbots Creek Bridge .....	2750		
1S	718	Fairfield Bypass .....	19320		
1S	718	Fairfield Bypass (Inc - SBD) .....	9660		
1S	718	Fairfield Bypass (Dec - NBD) .....	9660		
1S	719	Saddle Hill - past Saddle Hill Rd .....	19320		
1S	721	Mosgiel, South of Junction With SH 87 .....	10350		
1S	725	East Taieri - before Riverside Rd .....	8880		
1S	731	South Allanton - after Stack St .....	5630		
1S	755	North Milburn - before Lime Works Rd .....	5720		
1S	765	MILTON - Telemetry Site 27 - Milton South .....	5780	TEL	12
1S	766	Milton, South of SH 8 Clarksville Junction .....	4040		
1S	783	North Balclutha - before Johnson Rd .....	4070		
1S	786	Balclutha Bridge .....	10260		
1S	791	Balclutha Te Houka .....	3030		
1S	812	South Kuriwao Siding Rd .....	2390		
1S	818	Clinton South of Cemetery .....	1760		
1S	838	Arthurton - before Well Rd .....	1690		
1S	854	GORE - Telemetry Site 45 .....	3940	TEL	12
1S	856	Gore, North side .....	3840		
1S	858	Gore, before Ashton St .....	8530		
1S	859	Gore .....	11130		
1S	861	Gore, South of Charlton Rd .....	5780		
1S	863	Gore, Past Saleyards Rd .....	5110		
1S	871	Past Nuffield St .....	5030		
1S	875	Mataura, South of SH 96 Junction Brydon .....	3810		
1S	899	Dacre, near Transmitting Station .....	4220		
1S	916	Invercargill, South End of Kennington .....	4640		
1S	919	Invercargill, North of Rockdale Rd .....	5140		
1S	920	Racecourse Rd .....	11260		
1S	921	South of Forth St, North of Tyne St .....	11250		
1S	921	South of Forth St, North of Tyne St (Inc - SBD) .....	5710		
1S	921	South of Forth St, North of Tyne St (Dec - NBD) .....	5540		
1S	922	Invercargill, East of Queens Dr .....	12290		
1S	923	INVERCARGILL - Telemetry Site 62 .....	11580	TEL	3
1S	929	Invercargill, South of Avon Rd .....	3180		
1S	935	Invercargill, North of Awarua Radio Stn .....	2180		
1S	950	Bluff, South of township .....	910		
2	2	MAUNGATAWHIRI - Telemetry Site 74 - West of Grahams Bridge .....	12790	TEL	11
2	33	By RS peg 32/1 .....	11490		
2	36	800m north of SH 27 intersection .....	8410		
2	37	200m past State Highway 27 (Mangatarata) .....	4240		
2	52	650m past Orchard East Rd .....	4530		
2	62	130m north of Fisher Rd .....	5880		
2	66	986m past Awaiti Rd .....	5160		
2	91	WAIHI - Telemetry Site 34 - East of Samson Rd West .....	6830	TEL	11
2	95	40m south of Crean Rd .....	8330		
2	98	200m south of Trigg Rd .....	5070		
2	106	500m east of Athenree Rd (Tauranga side) .....	6730		
2	117	25m north of Phillip Walter Dr .....	9230		
2	127	Wright Rd .....	9040		
2	141	TE PUNA - Telemetry Site 65 - West of Snodgrass .....	13910	TEL	7
2	143	340m past Snodgrass Rd .....	14200		
2	146	480m north of Wairoa Rd .....	15690		
2	148	80m east of Bethlehem Rd .....	21590		
2	149	100m West of Waihi Road Overbridge .....	23120		
2	149	100m West of Waihi Road Overbridge (Inc - SBD) .....	11560		
2	149	100m West of Waihi Road Overbridge (Dec - NBD) .....	11560		
2	151	500m East of Cambridge Road Overbridge .....	25000		
2	151	500m East of Cambridge Road Overbridge (Inc - SBD) .....	12500		
2	151	500m East of Cambridge Road Overbridge (Dec - NBD) .....	12500		
2	154	Hairini Bridge .....	24350		
2	157	Hairini .....	22800		
2	160	205m before Maungatapu Bridge .....	21250		
2	168	North of Kairua Rd .....	18080		
2	171	500m south of Domain Rd, Papamoa .....	15340		
2	176	TE PUKE - WIM Site 49 .....	17190	WIM	10

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
2	181	Jellicoe Street, Te Puke .....	17000		
2	187	445m before Maketu Rd .....	13530		
2	204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd .....	4400	TEL	15
2	225	785m past Speed Restriction (Matata East) .....	2390		
2	241	163m before SH 30 Awakeri Rail Crossing .....	3240		
2	242	East of SH 30 (West to Te Teko) .....	8800		
2	243	220m past SH 30 Awakeri Hall .....	1690		
2	285	100m before Wainui Rd .....	1030		
2	286	100m past Wainui Rd .....	3100		
2	298	525m before Paerata Ridge Rd (Before Opotiki) .....	3470		
2	308	437m before Matchitts Rd .....	1360		
2	361	<b>Hamilton / Napier regional boundary</b>			
2	390	700m south of Parihohonu Bridge .....	1010		
2	412	140m north of Graham Rd .....	1150		
2	428	ORMOND - Telemetry Site 26 - 13km north of Gisborne Turnoff .....	2420	TEL	10
2	441	Carringtons Culvert .....	2250		
2	444	200m north of Bell Rd .....	5260		
2	448	50m north of Whatatuna Bridge .....	3300		
2	452	Manutuke 16km south of Gisborne .....	1860		
2	528	2.4km south of Ohuia Rd (Wairoa North) .....	2070		
2	533	Wairoa River Bridge .....	9180		
2	536	300m south of Wairoa District boundary	1990		
2	541	50m north of Thorpes Bridge (Wairoa South) .....	1660		
2	627	TANGOIO - Telemetry Site 24 .....	1800	TEL	18
2	637	Esk River Bridge .....	4130		
2	640	330m north of Franklin Rd .....	7650		
2	643	100m north of Onehunga Rd .....	10310		
2	646	200m north of Weighbridge .....	10500		
2	648	Westshore bridge .....	16710		
2	649	Hyderabad Rd : Pandora Rd - Tamatea Dr .....	20520		
2	649	Hyderabad Rd : Pandora Rd - Tamatea Dr (Inc - SBD) .....	10690		
2	649	Hyderabad Rd : Pandora Rd - Tamatea Dr (Dec - NBD) .....	9830		
2	650	Hyderabad Rd : Tamatea Dr - Taradale Rd .....	22540		
2	650	Hyderabad Rd : Tamatea Dr - Taradale Rd (Inc - SBD) .....	11220		
2	650	Hyderabad Rd : Tamatea Dr - Taradale Rd (Dec - NBD) .....	11320		
2	651	Hyderabad Rd : Taradale - Georges Dr .....	22130		
2	652	Georges Dr, 170m south of Ashridge Rd .....	5450		
2	658	Waitangi Tutaekuri Bridge, Awatoto .....	13390		
2	661	SH 2 Junction with Farndon Rd .....	11760		
2	666	100m south of Pilchers Rd .....	11160		
2	669	Karamu Rd North, South of Ellwood Rd .....	12050		
2	671	Hastings St South, South of Heretaunga St East .....	6650		
2	672	Southampton St, West of Karamu Rd South .....	10610		
2	673	Railway Rd - 70 km/h sign .....	5640		
2	676	200m south of Longlands Rd .....	3710		
2	680	50m south of stockyard entrance .....	6400		
2	713	150m north of Waipawa post Office .....	8250		
2	715	250m south of Tapairu Rd South .....	8570		
2	721	100m south of Porangahau Rd .....	7710		
2	731	100m north of Waimoana Entrance .....	4320		
2	751	<b>Napier / Wanganui regional boundary</b>			
2	755	NORSEWOOD - Telemetry Site 25 - Norsewood Underpass .....	3900	TEL	14
2	769	North of Dannevirke .....	5000		
2	774	Dannevirke, High St .....	8680		
2	790	Oringi .....	5240		
2	808	Woodville North of Ngawaparua River Bridge .....	3930		
2	814	Mangatainoka .....	4650		
2	817	Pahiatua .....	8150		
2	817	Pahiatua (Inc - SBD) .....	4110		
2	817	Pahiatua (Dec - NBD) .....	4040		
2	831	Konini .....	3170		
2	858	<b>Wanganui / Wellington regional boundary</b>			
2	864	South of Readers Cutting .....	2930		
2	883	Masterton, South of Second St .....	7400		
2	886	Masterton, South of Intermediate St .....	12990		
2	895	CLAREVILLE - Telemetry Site No 80 - North of Whites Line .....	8700	TEL	6
2	899	Carterton, North of Victoria St .....	12160		
2	906	Carterton, South of Waiohine River Br .....	8260		
2	908	Greytown, North of Wood St .....	8010		
2	917	South of Tauherenikau River Br .....	5290		
2	937	RIMUTAKA - Telemetry Site No 1 - North of Pukuratahi River Bridge .....	4980	TEL	5

# Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
2	948	Upper Hutt, North of Sunnyview Dr (Birchville) .....	10200		
2	949	Upper Hutt, South of Akatarawa Rd .....	15830		
2	951	Upper Hutt, South of Totara Park .....	17710		
2	954	Upper Hutt, South of Whakatiki St .....	22160		
2	957	Upper Hutt, North of Silverstream Br .....	23020		
2	962	Upper Hutt, Manor Park .....	32280		
2	962	Upper Hutt, Manor Park (Inc - SBD) .....	16220		
2	962	Upper Hutt, Manor Park (Dec - NBD) .....	16060		
2	963	Lower Hutt, South of SH 58 .....	33320		
2	963	Lower Hutt, South of SH 58 (Inc - SBD) .....	16770		
2	963	Lower Hutt, South of SH 58 (Dec - NBD) .....	16540		
2	969	Lower Hutt, North of Block Rd .....	35590		
2	969	Lower Hutt, North of Block Rd (Inc - SBD) .....	16050		
2	969	Lower Hutt, North of Block Rd (Dec - NBD) .....	19550		
2	971	Lower Hutt, South of Normandale footbridge .....	36490		
2	971	Lower Hutt, South of Normandale footbridge (Inc - SBD) .....	18250		
2	971	Lower Hutt, South of Normandale footbridge (Dec - NBD) .....	18230		
2	972	Lower Hutt, Percy's Reserve .....	38050		
2	972	Lower Hutt, Percy's Reserve (Inc - SBD) .....	18940		
2	972	Lower Hutt, Percy's Reserve (Dec - NBD) .....	19110		
2	974	Lower Hutt, South of Korokoro Rd .....	32370		
2	978	Wellington, North of Ngauranga Interchange .....	69360		
2	978	Wellington, North of Ngauranga Interchange (Inc - SBD) .....	34510		
2	978	Wellington, North of Ngauranga Interchange (Dec - NBD) .....	34850		
2	979	NGAURANGA - Telemetry Site 3 - Flyover S/B .....	21380	TEL	2
2	979	NGAURANGA - Telemetry Site 4 - Flyover N/B .....	21760	TEL	3
2A	1	250m east of Cambridge Rd Roundabout .....	9000		
3	3	Hamilton, 285m past Dixon Rd .....	12050		
3	12	Hamilton, South of Airport Mystery Cr .....	11310		
3	27	200m south of Cambridge Rd roundabout .....	6290		
3	29	350m north of Saint Ledger Rd .....	10990		
3	30	150m north of McGhie Rd .....	11030		
3	34	105m north of Tokonui Rd .....	7420		
3	38	300m before Wharepuhanga Rd (Te Kawa Turnoff) .....	6020		
3	49	100m north of Kio Kio Station Rd .....	4790		
3	64	100m south of Mangapu #2 Bridge .....	6290		
3	66	800m past SH 37 (Waitomo Rd) .....	5890		
3	75	200m south of Carrol St .....	4910		
3	85	TE KUITI - Telemetry Site No 16 - North of 8 Mile Junction .....	3850	TEL	14
3	103	220m south of Hunts Rd (Piopio) .....	1920		
3	158	<b>Hamilton / Wanganui regional boundary</b>			
3	171	TONGAPORUTU BRIDGE - Telemetry Site 78 .....	1950	TEL	18
3	202	Waitoetoe .....	2880		
3	221	Motonui .....	4720		
3	223	Waitara Bypass .....	5690		
3	228	Waitara, East of SH 3A .....	11520		
3	230	Waitara, West of SH 3A .....	10410		
3	233	Bell Block .....	15740		
3	235	New Plymouth, East of Egmont Rd .....	20980		
3	236	New Plymouth, Stub Rd .....	21000		
3	237	New Plymouth, Smart Rd .....	25530		
3	237	New Plymouth, Smart Rd (Inc - SBD) .....	12880		
3	237	New Plymouth, Smart Rd (Dec - NBD) .....	12640		
3	238	New Plymouth, Waiwaka Tce .....	26000		
3	239	New Plymouth, Leach St (Inc - SBD) .....	14210		
3	239	New Plymouth, Courtenay St (Dec - NBD) .....	13370		
3	240	New Plymouth, Elliot St .....	12750		
3	241	New Plymouth, Coronation Ave .....	12790		
3	244	New Plymouth, Holy Oak Tce .....	8520		
3	257	Inglewood, Rata St .....	11890		
3	258	Inglewood, Matai St .....	8430		
3	259	South of Inglewood at Ngatoro Bridge .....	7920		
3	267	TARIKI - Telemetry Site 6 .....	7440	TEL	10
3	279	Stratford, Broadway .....	13490		
3	284	Stratford South, near Ngaere Rail O/B .....	7480		
3	290	Eltham .....	6730		
3	303	Normanby North .....	5390		
3	306	Hawera Racecourse .....	7880		
3	310	Hawera, South Rd .....	7150		

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
3	321	Mokoia, Manawapou River Br .....	3620		
3	337	Patea, Egmont St .....	4330		
3	353	Waverley North .....	3070		
3	370	WAITOTARA - Telemetry Site 5 - Near Russell Rd .....	3350	TEL	13
3	390	Wanganui North, near Mission Rd .....	3990		
3	396	Wanganui, Virginia Rd .....	7360		
3	399	Wanganui, London St .....	11620		
3	400	Wanganui, Carlton Ave .....	6900		
3	402	Wanganui, Cobham Bridge .....	8300		
3	403	Wanganui South, at Marybank .....	8480		
3	410	Wanganui South, near Marangai Rd .....	7440		
3	427	Turakina East, near Makirikiri .....	5040		
3	442	Bulls North, near Tutaenui Stream .....	6070		
3	450	Sanson East .....	8100		
3	458	Mt Stewart .....	6850		
3	465	Palmerston North West at Taonui Culvert .....	8570		
3	470	Palmerston North, east of Flyers Line .....	10230		
3	472	Rangitikei St Overbridge ( North of Tremaine Ave) .....	21840		
3	473	Rangitikei St ( North of Kawau Stream Bridge) .....	22140		
3	474	Grey St .....	9490		
3	475	708 Main St (West of Ruahine St) .....	14530		
3	475	708 Main St (West of Ruahine St) - Inc (SBD) .....	8300		
3	475	708 Main St (West of Ruahine St) - Dec (NBD) .....	6220		
3	476	847 Main St ( East of Fitzroy St) .....	18670		
3	476	848 Main St ( East of Fitzroy St) - Inc (SBD) .....	9560		
3	476	848 Main St ( East of Fitzroy St) - Dec (NBD) .....	9110		
3	482	Palmerston North East, near Te Matai Rd .....	7660		
3	488	Ashhurst .....	6330		
3	489	MANAWATU GORGE - Telemetry Site 30 .....	6730	TEL	11
3A	1	Waitara, near Te Arei Rd .....	2250		
4	0	400m south of SH 3 junction .....	1540		
4	35	<b>Hamilton / Wanganui regional boundary</b>			
4	44	Mangatupoto, West of SH 40 .....	1810		
4	65	Taumaranui North, near Okaihae Rd .....	2090		
4	74	Taumaranui Wanganui River Br (Matapuna) .....	4660		
4	90	Owhango Rail Overbridge .....	2180		
4	113	Raurimu .....	2190		
4	133	HOROPITO - Telemetry Site 37 .....	1720	TEL	13
4	142	Waimarino .....	860		
4	164	Oreore .....	830		
4	189	Kakatahi, North of Lakes Hill Depot .....	990		
4	218	Wanganui North at Upokongaro Stream Br (Aberfeldie) .....	900		
4	226	UPOKONGARO - Telemetry Site 28 .....	1840	TEL	9
4	232	Wanganui, Pauls Rd .....	2530		
4	234	Wanganui, Aramoho Bridge .....	5130		
4	236	Wanganui, Kowhai Park .....	6260		
4	238	Wanganui, Putiki Dr Slip Lane .....	1570		
4	239	Wanganui, Airport Rd .....	3070		
5	0	East of SH 1 junction .....	3200		
5	5	56m past State Highway 28 (Whites Rd) .....	4970		
5	34	TARUKENGA - Telemetry Site 15 - 4.7km west of Dalbeth Rd .....	5060	TEL	10
5	47	Rotorua, 300m north of Fairy Springs .....	19500		
5	49	Sunset Rd .....	21730		
5	49	Sunset Rd - Inc (SBD) .....	10970		
5	49	Sunset Rd - Dec (NBD) .....	10760		
5	52	Rotorua, Devon St .....	8890		
5	55	Rotorua, Outside Whakarewarewa .....	12560		
5	57	WAIPA - Telemetry Site 41 - South of SH 30 .....	7030	TEL	10
5	82	South of Waitapu Tavern .....	4680		
5	125	Wairakei, 98m north of SH 1 .....	3930		
5	138	Taupo, 278m east of Crown Rd .....	3540		
5	190	<b>Hamilton / Napier regional boundary</b>			
5	230	TE POHUE - Telemetry Site 23 - 1km north of Oakmere Station Gateway .....	2830	TEL	18
5	260	350m north of Weighpit .....	4000		
6	2	Blenheim West Colman Rd .....	10130		
6	9	Woodbourne Airbase .....	5990		
6	13	Gibson creek .....	3680		



**Transit New Zealand Traffic Volumes 2002**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
6	18	Kaituna - Rock Falls sign .....	2890		
6	40	Havelock School speed sign .....	3710		
6	63	Bulford - Twidle culvert .....	2350		
6	100	HIRA - Telemetry Site No 36 .....	3020	TEL	14
6	114	Nelson Nth - Atawhai Cemetry .....	9900		
6	117	South of Haven Road Roundabout .....	22520		
6	118	Basin Reserve (Rocks Rd) .....	22530		
6	122	STOKE - Telemetry Site 81 - Whakatu Dr at Songer St .....	19580	TEL	5
6	130	Richmond Three Bros Corner (Humes) .....	19250		
6	135	Brightwater Wairoa River Bridge .....	8800		
6	138	Brightwater, Pitfure Bridge .....	6070		
6	144	Eighty Eight Valley Stream Bridge .....	3650		
6	153	Spooners Hill (Higgins Culvert) .....	2070		
6	232	MURCHISON - Telemetry Site 35 - North Longford Bridge .....	1650	TEL	13
6	242	Murchison town .....	2660		
6	248	Murchison, Dellows Bluff .....	1640		
6	269	<b>Wellington / Christchurch regional boundary</b>			
6	292	Inangahua, North of Township .....	830		
6	327	Buller Gorge Ten Mile Creek .....	820		
6	340	Coast Rd, South of Wilson Lead Rd .....	790		
6	398	PUNAKAIKI - Telemetry Site 39 - Just north of Canoe Creek .....	840	TEL	8
6	419	Rapahoe - North of Township .....	1150		
6	420	Runanga .....	2100		
6	426	North of Taylorville turnoff .....	3560		
6	428	Greymouth, North of Grey River Bridge .....	4320		
6	429	Greymouth, South of Grey River Bridge .....	8340		
6	430	Greymouth, East of Willis St .....	7970		
6	431	Greymouth, Tainui St near Puketahi St .....	12870		
6	431	Greymouth, Tainui St near Puketahi St (Inc - SBD) .....	7000		
6	431	Greymouth, Tainui St near Puketahi St (Dec - NBD) .....	6470		
6	433	Greymouth, High St - South of Nelson .....	7870		
6	435	Greymouth, Fernhill to Loris Place .....	6400		
6	438	Paroa, North of Paroa School .....	4540		
6	448	Kumara, North of Junction with SH 73 .....	2790		
6	454	CHESTERFIELD - Telemetry Site 70 .....	2360	TEL	10
6	468	Three Mile - North of Hokitika .....	3100		
6	471	Hokitika, Fitzherbert St South of Stafford .....	4940		
6	472	Hokitika, North of Golf Links and Arthurstown Rd .....	1840		
6	483	Ruatapu, South of Township (Bittern Creek) .....	1020		
6	501	Ross, at Fire Station .....	1000		
6	502	Ross, South of Township .....	750		
6	577	Whataroa, North end of township .....	880		
6	609	Franz Josef, South of Fire Station .....	1240		
6	621	North of Omoeroa River Bridge .....	630		
6	751	Haast, South of Haast River .....	590		
6	760	Haast, West of Greenstone Creek .....	490		
6	814	<b>Christchurch / Dunedin regional boundary</b>			
6	853	Lake Wanaka Camp Creek Bridge .....	520		
6	880	Hawea, North of Dam .....	570		
6	882	Hawea, South of Dam .....	1350		
6	892	Albert Town - before SH 84 junction .....	2820		
6	894	Wanaka, South of Cardrona River Bridge .....	2390		
6	917	Albertburn - before Albertburn bridge .....	1500		
6	939	Lowburn .....	1600		
6	946	Cromwell .....	2500		
6	970	Gibston - before Gibston Rd .....	2450		
6	980	Swiftburn - past Swiftburn Culvert .....	2850		
6	983	Crown Range near Whitechapel Rd .....	4660		
6	991	Shotover - before Lower Shotover Rd .....	5670		
6	993	Frankton North East of Junction .....	8780		
6	996	Junction - Airport bet SH 6/6A and airport terminal road .....	10700		
6	997	Kawarau Falls Bridge .....	4100		
6	999	After Peninsula Rd .....	2300		
6	1000	Frankton South East of Junction .....	1840		
6	1076	Mid Dome .....	1390		
6	1086	Lowther, before Lowther Creek bridge .....	960		
6	1095	Lumsden .....	1600		
6	1117	Dipton .....	1290		
6	1140	Lady Barkly, before Winton Racecourse .....	2260		
6	1143	Between accesses to rest area .....	3770		
6	1147	WINTON - Telemetry Site 46 .....	4230	TEL	8

**Transit New Zealand Traffic Volumes 2002**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
6	1148	Winton South .....	4170		
6	1168	Lorneville South of Junction With SH 99 .....	9940		
6	1174	North of Bainfield Rd .....	15400		
6	1175	North of Victoria Ave .....	20060		
6	1175	North of Victoria Ave (Inc - SBD) .....	10030		
6	1175	North of Victoria Ave (Dec - NBD) .....	10030		
6	1176	Before Don St .....	21000		
6A	2	Frankton Rd - Battery Hill .....	12280		
6A	6	Stanley St - Millenium Hotel .....	12800		
6C	1	Hayes Corner South .....	12500		
6C	4	Saxton Culvert (Freezing Works) .....	12050		
7	2	Waipara Straight, Northwest of Waipara Township .....	3140		
7	14	Waikari, Northwest of Township .....	2900		
7	41	Culverden .....	3370		
7	44	Red Post Corner, South of SH 70 Junction .....	2860		
7	67	Hamner, South of SH 7A Junction .....	2330		
7	108	LEWIS PASS - Telemetry Site 32 - At Engineers Camp .....	1530	TEL	25
7	183	East of Reefton .....	490		
7	194	Reefton, Near Cableway .....	690		
7	195	Reefton, Broadway just West of Smith St .....	1490		
7	196	Reefton, South of Inangahua River .....	1340		
7	239	AHAURA - Telemetry Site 40 - South of Bridge .....	980	TEL	14
7	258	Stillwater - North of Arnold River Bridge .....	1260		
7	261	Brunner - West of Kiwi Overbridge .....	1790		
7	268	Kaiata - North of Greymouth East of Kaiata .....	2800		
7	272	Greymouth - Near End of SH 7 .....	3000		
7A	0	Hamner, North of SH 7 Junction .....	1500		
8	12	Pleasant Pt, West of Butlers Rd .....	3270		
8	55	Fairlie, Southeast of Town .....	1090		
8	58	Fairlie, Ayr to Denmark St .....	2160		
8	64	Fairlie, Just east of Kimbell Township .....	1670		
8	98	Tekapo, East of Township at Lookout Entry .....	1450		
8	100	Tekapo, on bridge .....	2190		
8	113	North of Irishman's Creek Rd at ERP .....	1230		
8	149	Pukaki, South West of SH 80 Junction .....	1400		
8	157	Lake Ruataniwha Spillway .....	1400		
8	159	<b>Christchurch / Dunedin regional boundary</b>			
8	180	Omarama, before Quailburn Rd .....	1420		
8	186	Omarama, Southwest of Township .....	1100		
8	262	Tarras, North of SH 8A .....	1110		
8	279	Bendigo .....	1090		
8	313	Cromwell Gorge .....	2790		
8	325	Alexandra to Clyde .....	4030		
8	336	ALEXANDRA - Telemetry Site 44 - South Near Butchers Dam .....	1930	TEL	9
8	362	Roxburgh, near Coal Creek .....	2230		
8	394	Raes Junction, North of SH 90 Island Block .....	1680		
8	412	Raes Junction, East SH 90 Craigellachie .....	1400		
8	459	Milton Junction with SH 1, Clarkesville .....	1630		
8A	2	Tarras .....	550		
8A	6	Maori Point - past Maori Point Rd .....	590		
8A	19	Luggate Bridge .....	720		
8B	0	Cromwell, Deadman's Point Bridge .....	2830		
8B	2	Cromwell, near SH 6 Junction .....	3530		
10	7	South of Puketona Junction .....	3170		
10	11	North of Wakelin Rd .....	5380		
10	29	Takou Bay Rd .....	2670		
10	60	North of Salvation Rd .....	1360		
10	76	West of Stratford Dr .....	3160		
10	92	East of Lake Ohia Bridge .....	2270		
11	4	South of Taumarere Bridge .....	2180		
11	7	North of Ridgen Rd .....			
11	13	North of Waimangaro Rd .....	3520		

# Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
12	4	Sth of Old School Rd .....	3740		
12	10	West of Quarry Rd .....	7000		
12	27	South of Rakauwahia Rd .....	1150		
12	62	West of Waiotemarama Gorge Rd .....	1130		
12	79	South of Weka Weka Rd .....	300		
12	89	East of Wairau River Bridge .....	220		
12	114	West of Aranga Station Rd .....	360		
12	125	South of Kaihu .....	720		
12	141	West of Babylon Coast Rd .....	910		
12	151	East of Beach Rd .....	5310		
12	163	North Curnows Culvert .....	1700		
12	198	East of Ararua Rd .....	1720		
12	214	East of Blakey Rd .....	2260		
12	220	East of Brynderwyn Bridge .....	2370		
14	0	East of Te Mai Rd .....	18210		
14	2	West of Kowhai Park Rd .....	8440		
14	9	East of Kara Rd .....	4910		
14	34	South of Kirikopuni Rd .....	1650		
14	52	North of Te Wharau Rd .....	2090		
15	1	North of Limeburners Creek Bridge .....	8560		
15	4	North of Hewlett St .....	6830		
16	3	Grafton Rd SH1 On Ramp to SH1 Northwestern Link On Ramp .....	10680		
16	3	Grafton Rd SH1 Off Ramp to SH1 Southern Link Off Ramp .....	8300		
16	3	N/W Motorway SH1 Northwestern Link On Ramp .....	21520		
16	4	N/W Motorway SH1 Southern Link Off Ramp .....	22360		
16	4	N/W Motorway SH1 Link On Ramp to Hobson St On Ramp .....	32210		
16	4	N/W Motorway Hobson St On Ramp Westbound .....	16910		
16	4	N/W Motorway Nelson St Off Ramp Eastbound .....	19380		
16	4	N/W Motorway SH1 Southern Link to Nelson St Off Ramp .....	22530		
16	4	N/W Motorway Nelson St On Ramp to Newton Rd On Ramp .....	49120		
16	4	N/W Motorway Nelson St Off Ramp to Newton Rd Off Ramp .....	41910		
16	4	N/W Motorway Newton Rd On Ramp Westbound .....	9200		
16	4	N/W Motorway Newton Rd Off Ramp Eastbound .....	15440		
16	5	N/W Motorway Newton Rd to St Lukes Rd Westbound .....	58320		
16	5	N/W Motorway Newton Rd to St Lukes Rd Eastbound .....	57350		
16	6	N/W Motorway St Lukes Rd Interchange Westbound .....	43920	ATMS	
16	6	N/W Motorway St Lukes Rd Interchange Eastbound .....	44320	ATMS	
16	6	N/W Motorway St Lukes Rd On Ramp Westbound .....	8350		
16	6	N/W Motorway St Lukes Rd Off Ramp Eastbound .....	5840		
16	6	N/W Motorway St Lukes Rd On Ramp Eastbound .....	13030	ATMS	
16	6	N/W Motorway St Lukes Rd Off Ramp Westbound .....	14400	ATMS	
16	7	N/W Motorway St Lukes Rd to Great North Rd Westbound .....	52270		
16	7	N/W Motorway St Lukes Rd to Great North Rd Eastbound .....	50110		
16	8	N/W Motorway Great North Rd Interchange Westbound .....	33190	ATMS	
16	9	N/W Motorway Great North Rd Interchange Eastbound .....	34070	ATMS	
16	7	N/W Motorway Great North Rd On Ramp Westbound .....	9630		
16	9	N/W Motorway Great North Rd Off Ramp Eastbound .....	10070		
16	9	N/W Motorway Great North Rd On Ramp Eastbound .....	16040	ATMS	
16	8	N/W Motorway Great North Rd Off Ramp Westbound .....	19060		
16	8	N/W Motorway Great North Rd to Rosebank Rd Westbound .....	42720		
16	8	N/W Motorway Great North Rd to Rosebank Rd Eastbound .....	43710		
16	8	N/W Motorway Rosebank Rd On Ramp Eastbound .....	5490		
16	9	N/W Motorway Rosebank Rd Off Ramp Westbound .....	4790		
16	9	N/W Motorway Rosebank Rd to Patiki Rd Westbound .....	37880		
16	9	N/W Motorway Rosebank Rd to Patiki Rd Eastbound .....	38220		
16	10	N/W Motorway Patiki Rd On Ramp Westbound .....	7370		
16	10	N/W Motorway Patiki Rd Off Ramp Eastbound .....	6400		
16	10	N/W Motorway Patiki Rd to Te Atatu Rd Westbound .....	45170		
16	10	N/W Motorway Patiki Rd to Te Atatu Rd Eastbound .....	44350		
16	11	N/W Motorway Te Atatu Rd Interchange Westbound .....	27260	ATMS	
16	11	N/W Motorway Te Atatu Rd Interchange Eastbound .....	38710	ATMS	
16	11	N/W Motorway Te Atatu Rd Off Ramp to Te Atatu North On Ramp Eastbound .....	26600		
16	11	N/W Motorway Te Atatu Rd On Ramp Westbound .....	6180		
16	11	N/W Motorway Te Atatu Rd Off Ramp Eastbound .....	6280		
16	11	N/W Motorway Te Atatu South On Ramp Eastbound .....	12910	ATMS	
16	11	N/W Motorway Te Atatu North On Ramp Eastbound .....	12110		
16	11	N/W Motorway Te Atatu Rd Off Ramp Westbound .....	17910	ATMS	

**Transit New Zealand Traffic Volumes 2002**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
16	12	N/W Motorway Te Atatu Rd to Lincoln Rd Westbound .....	33720		
16	12	N/W Motorway Te Atatu Rd to Lincoln Rd Eastbound .....	33260		
16	13	N/W Motorway Lincoln Rd Interchange Westbound .....	18990	ATMS	
16	13	N/W Motorway Lincoln Rd Interchange Eastbound .....	19210	ATMS	
16	13	N/W Motorway Lincoln Rd On Ramp Westbound .....	8660		
16	13	N/W Motorway Lincoln Rd Off Ramp Eastbound .....	6700		
16	13	N/W Motorway Lincoln Rd On Ramp Eastbound .....	14040	ATMS	
16	13	N/W Motorway Lincoln Rd Off Ramp Westbound .....	14730	ATMS	
16	14	N/W Motorway Lincoln Rd to Royal Rd Westbound .....	27520		
16	14	N/W Motorway Lincoln Rd to Royal Rd Eastbound .....	25520		
16	15	N/W Motorway Royal Rd On Ramp Eastbound .....	5780		
16	15	N/W Motorway Royal Rd Off Ramp Westbound .....	6900		
16	16	N/W Motorway Royal Rd to Hobsonville Rd Westbound .....	20510		
16	16	N/W Motorway Royal Rd to Hobsonville Rd Eastbound .....	19400		
16	20	West of Dunlop Rd .....	21140		
16	21	South of Coatesville Riverhead Rd .....	22070		
16	24	North of Coatesville Riverhead Rd .....	25260		
16	29	South of Joyce Adams Pl .....	11620		
16	46	South of Parkhurst Rd .....	4560		
16	48	West of Helensville Rail Bridge .....	5940		
16	55	West of Inland Rd .....	2380		
16	58	Kaulapakapa Bridge .....	3530	CON	
16	92	Tauhou Bridge .....	1250		
17	21	North of Kahikatea Flat Rd .....	5030		
17	25	North of Durey Rd .....	6430		
17	29	South of Coatesville Riverhead Rd .....	10000		
17	31	South of The Avenue .....	16330		
17	32	North of Bush Rd .....	14150		
18	2	West of Unsworth Dr .....	13790		
18	4	West of Albany Highway .....	34240		
18	5	West of Greenhithe Rd .....	24000		
18	7	Upper Harbour Bridge .....	24020		
18	14	End of SH 18, East of SH 16 .....	34960		
20	0	West of Great South Rd .....	24290		
20	2	East of Ash Rd .....	26430		
20	5	North of Vogler Dr .....	37430		
20	7	S/W Motorway Puhinui to Massey Rd Northbound .....	18380		
20	7	S/W Motorway Puhinui to Massey Rd Southbound .....	17440		
20	9	S/W Motorway Massey Rd Interchange Northbound .....	12420		
20	9	S/W Motorway Massey Rd Interchange Southbound .....	10840		
20	9	S/W Motorway Massey Rd On Ramp Northbound .....	4830		
20	9	S/W Motorway Massey Rd Off Ramp Southbound .....	4240		
20	9	S/W Motorway Massey Rd On Ramp Southbound .....	6600		
20	9	S/W Motorway Massey Rd Off Ramp Northbound .....	5690		
20	10	S/W Motorway Massey Rd to 20A Off Ramp Northbound .....	17010		
20	10	S/W Motorway Massey Rd to 20A Southbound .....	15230		
20	10	S/W Motorway 20A Off Ramp Northbound to 20A On Ramp Northbound .....	15700		
20	10	S/W Motorway 20A Off Ramp Northbound .....	1250		
20	11	S/W Motorway 20A Northbound to Coronation Rd .....	29640		
20	11	S/W Motorway 20A Southbound to Walmsley Rd .....	28910		
20	12	S/W Motorway Coronation/Walmsley Rd Interchange Northbound .....	26450		
20	12	S/W Motorway Coronation/Walmsley Rd Interchange Southbound .....	27210		
20	12	S/W Motorway Coronation Rd On Ramp Northbound .....	4460		
20	11	S/W Motorway Walmsley Rd Off Ramp Southbound .....	3720		
20	11	S/W Motorway Walmsley Rd On Ramp Southbound .....	1760		
20	12	S/W Motorway Coronation Rd Off Ramp Northbound .....	3040		
20	13	S/W Motorway Coronation Rd to Rimu Rd Northbound .....	30690	ATMS	
20	13	S/W Motorway Coronation Rd to Rimu Rd Southbound .....	31060	ATMS	
20	13	S/W Motorway Rimu Rd On Ramp Northbound .....	11670	ATMS	
20	13	S/W Motorway Rimu Rd Off Ramp Southbound .....	9800	ATMS	
20	14	S/W Motorway Rimu Rd to Neilson St Northbound .....	42370		
20	14	S/W Motorway Rimu Rd to Neilson St Southbound .....	40860		
20	15	S/W Motorway Neilson St Interchange Northbound .....	31030		
20	15	S/W Motorway Neilson St Interchange Southbound .....	26220		
20	15	S/W Motorway Neilson St On Ramp Northbound .....	3310		
20	15	S/W Motorway Neilson St Off Ramp Southbound .....	5380		
20	15	S/W Motorway Neilson St On Ramp Southbound .....	14300		
20	15	S/W Motorway Neilson St Off Ramp Northbound .....	12570		

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
20	16	S/W Motorway Neilson St to Queenstown Rd Northbound .....	34670		
20	16	S/W Motorway Neilson St to Queenstown Rd Southbound .....	31470		
20	16	S/W Motorway Queenstown Rd On Ramp Southbound .....	10470		
20	16	S/W Motorway Queenstown Rd Off Ramp Northbound .....	12180		
20	17	Hillsborough to Queenstown .....	44440		
20	17	S/W Motorway Queenstown Rd to Hillsborough Rd Northbound .....	23700		
20	17	S/W Motorway Queenstown Rd to Hillsborough Rd Southbound .....	20740		
20A	1	Hall Avenue Footbridge to SH20 On Ramp Westbound .....	13210		
20A	1	Hall Avenue Footbridge to Bader Dr Off Ramp Eastbound .....	13200		
20A	1	SH20 On Ramp Westbound .....	1250		
20A	1	SH20A Bader Dr Off Ramp Eastbound .....	740		
20A	2	SH20 On Ramp to Kirkbride Rd .....	14990		
20A	2	Bader Dr Off Ramp to Kirkbride Rd .....	13940		
20A	3	North of Nixon Rd .....	35130		
21	0	225m south of 2nd Roundabout .....	4280		
21	4	55m past Lochiel Rd .....	4040		
21	7	145m before SH 3 .....	3500		
22	0	East of Great South Rd .....	17790		
22	3	West of Oira Rd .....	15710		
22	8	North of Wesley College .....	9770		
23	0	20m west of Hawk St .....	12260		
23	4	Hamilton, East of Newcastle Rd .....	9450		
23	9	680m before Kakaramea Rd .....	4710		
23	11	200m west of Maori Point Rd .....	5340		
23	37	90m before Wrights Rd .....	3050		
24	1	220m past Tower Rd Roundabout .....	7870		
24	13	140m before State Highway 29 .....	2900		
25	0	160m past State Highway 2 (Dalgetys Cnr) .....	3230		
25	21	335m before Hauraki Rd .....	4880		
25	23	300m past 2nd Abut Kopu Bridge (Waihou River) .....	7770		
25	28	300m south of Kauaeranga Bridge .....	11740		
25	36	Speed Restriction Sign (Whakatete Bay South end) .....	3760		
25	49	Speed Restriction Sign (Tapu Township South end) .....	1930		
25	72	300m past Goldfields Rd .....	1420		
25	98	12m before 1st Abut Opitonui Stream Bridge .....	600		
25	123	340m past Speed Restriction Sign (Wharekaho North end) .....	1090		
25	128	Past Racecourse Rd .....	2930		
25	137	160m before 309 Rd .....	2080		
25	157	790m past Cooks Beach Rd .....	1770		
25	177	Swampy Stream Bridge .....	2440		
25	185	65m before State Highway 25A .....	2800		
25	188	200m past State Highway 25A .....	1460		
25	240	Waihi, North of Gladstone Rd .....	1920		
25A	4	Kopu Kirikiri No 1 Stream Bridge .....			
25A	11	NEEVESVILLE - Telemetry Site 76 - 400m before Coromandel Forest Park Sign .....	3010	TEL	9
26	0	10m east of Mullins St .....	11290		
26	2	Between Lissette Rd and Railway Crossing .....	5020		
26	9	700m east of Platt Rd .....	4160		
26	22	865m before Piako Rd (Motumaoho) .....	4030		
26	23	150m east of Piako Rd .....	7870		
26	34	100m west of SH 27 junction .....	5430		
26	38	250m east of No 7 Rd, Waitoa .....	4360		
26	55	515m past Patuwahao Stream Bridge .....	1850		
26	67	Paeroa, LSZ Sign past Ryall Rd .....	3890		
26	75	Paeroa, 380m past Komata Stream Br .....	2610		
26	96	200m south of SH 25 Junction .....	6770		
27	11	KAIHERE - Telemetry Site 33 .....	4700	TEL	16
27	45	300m north of SH 26 (Tatuanui) .....	4830		
27	46	300m south of SH 26 (Tatuanui) .....	4910		
27	65	At Airport Entrance .....	7190		
27	67	200m south of Wardville Rd .....	8210		
27	75	Matamata College .....	7010		

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
27	82	600m north of SH 29 Junction .....	3800		
27	83	320m past SH 29 Junction .....	3830		
28	0	163m past SH 1 (Putaruru) .....	2120		
28	9	245m past SH 5 (Whites Rd) .....	2890		
28	24	105m before SH 29 .....	1290		
29	1	370m past Maru St (Bell Plumbing) .....	23550		
29	3	Spur Ave .....	31860		
29	4	55m Past Exeter St .....	22370		
29	13	50m west of Hairini Roundabout (Inc - SBD) .....	12510		
29	13	50m west of Hairini Roundabout (Dec - NBD) .....	9010		
29	17	Tauranga, 215m past Oropi Rd .....	10090		
29	20	Tauranga, 535m before Passing Lane LHS (East of Cambridge Rd) .....	12600		
29	34	KAIMAI - Telemetry Site 12 - 100m past Boulder Bridge (Kaukumoutiti Stream) .....	7800	TEL	6
29	48	500m south of Matamata Rd .....	7010		
29	51	400m east of Waimou Bridge .....	4210		
29	57	450m east of McNab Rd .....	4290		
29	63	350m west of Rail Crossing (Hinuera Rugby Club) .....	4290		
29	69	200m south of Totman Rd .....	5440		
30	35	918m past Manaiti St (Bennydale) .....	690		
30	75	100m north of McLean Rd .....	810		
30	84	90m before State Highway 32 (Whakamaru) .....	1930		
30	110	133m past SH 1 junction .....	2140		
30	141	Rotorua, South of City Dump .....	3150		
30	144	Froude St .....	10670		
30	149	TE NGAE - Telemetry Site 64 - East End of Puarenga Bridge .....	34210	TEL	4
30	149	TE NGAE - Telemetry Site 64 - East End of Puarenga Bridge (Inc - Eastbound) .....	16940	TEL	4
30	149	TE NGAE - Telemetry Site 64 - East End of Puarenga Bridge (Dec - Westbound) .....	17270	TEL	4
30	157	385m before SH 33 .....	10520		
30	160	East of SH 33 junction .....	4330		
30	188	LAKE ROTOMA - Telemetry Site 22 - West of Kawarau Loop Rd .....	2880	TEL	10
30	205	107m before SH 34 (Military Rd) .....	2150		
30	218	265m before SH 2 (Awakeri) .....	5600		
30	220	805m north of SH 2 (Te Rahu Bridge) .....	7450		
30	229	North end of Landing Rd Bridge (Whakatane) .....	14060		
30A	0	200m north of Pukuatua St .....	13400		
30A	2	420m south of Fenton St (Inc - SBD) .....	10790		
30A	2	400m south of Fenton St (Dec - NBD) .....	11100		
31	13	Otorohanga, 130m before Symes Rd .....	2400		
31	14	Otorohanga, 100m past Symes Rd .....	290		
31	22	500m west of Ngutunui Rd .....	740		
32	28	230m before Whakamaru Dam .....	1240		
32	29	Past Ongarato Rd .....	1890		
32	41	55m before Poihipi Rd .....	1180		
32	74	WEST TAUPO - Telemetry Site 43 .....	750	TEL	14
33	3	Te Ngae, 230m north of Okawa Bay Rd .....	6000		
33	30	PAENGAROA - Telemetry Site 14 - South of Maungarangi Rd .....	4350	TEL	14
34	0	220m south of SH 2 Intersection .....	1230		
34	11	195m south of SH 30 East .....	5710		
34	25	230m before SH 30 West .....	1280		
35	6	475m past Wairakia Rd (Tirohanga) .....	1890		
35	53	Forest Rd .....	590		
35	69	1588 past Church Rd (Te Kaha) .....	850		
35	124	<b>Hamilton / Napier regional boundary</b>			
35	181	450m south of Poroporo Bridge .....	390		
35	237	100m south of Marotiri Culvert .....	860		
35	272	60m south of Dosli BM GF 82 .....	1070		
35	274	Uawa River Bridge .....	2000		
35	293	Tologa Bay Mangakuri Bridge .....	1210		
35	314	200m north of Motel .....	1710		
35	319	200m south of Top of Makorori Hill .....	2410		
35	321	Hamanatua Bridge .....	4430		
35	324	Gisborne City boundary	6120		

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
35	327	South of Harris Stret .....	16160		
35	328	60m south of Watties overhead bridge .....	3520		
35	332	170m north of runway lighting towers (LHS) .....	3190		
37	0	115m past State Highway 3 (Waitomo) .....	1420		
38	0	165m east of SH 5 (Waiotapu) .....	2550		
38	35	50m south of Forestry Rd overbridge .....	1280		
38	39	490m south of Troutbeck Rd .....	450		
		<b>Hamilton / Napier regional boundary</b>			
38	170	Mangakino Stream Bridge .....	290		
38	185	Chapmans Culvert .....	560		
38	192	Paeroa Stock Rd .....	1650		
39	3	100m past twin culvert bridge ERP 0/3.46 .....	2540		
39	24	200m past Goile Rd Intersection (North) .....	2380		
39	34	100m before Meadway Rd Intersection .....	4020		
39	52	400m past Mangati Rd Intersection .....	2490		
39	58	200m before SH 31 Intersection .....	1970		
41	1	Taumaranui, near Burnands Rd .....	980		
41	10	Taumaranui East, near Williamsons Rd .....	640		
41	23	<b>Wanganui / Hamilton regional boundary</b>			
41	29	50m east of Moerangi Rd .....	510		
41	49	Tokaanu, bottom of Waihi Hill .....	1480		
41	57	500m past SH 47 Junction .....	3090		
43	6	Stratford East .....	1290		
43	14	Toko, East of Gordon Rd .....	590		
43	36	Te Wera .....	150		
43	65	Whangamomona .....	120		
43	111	Ohura, South of River Rd .....	70		
43	117	West of Tokorima .....	130		
43	136	West of Te Maire Bluff .....	230		
43	148	West of Manaia Rd .....	360		
45	1	SH 45, Vivian St .....	15210		
45	1	SH 45, Powderham St .....	13750		
45	3	New Plymouth, Sea View Rd .....	13120		
45	5	New Plymouth, Spotswood .....	12640		
45	8	New Plymouth West, near Hurford Rd .....	6220		
45	19	Weld Rd .....	3110		
45	28	Okato Stony River Bridge .....	2160		
45	58	Opunake West, near Opua Rd .....	1550		
45	62	Opunake .....	3150		
45	71	Pihama, near Ouri Stream Bridge .....	1060		
45	101	HAWERA - Telemetry Site 71 - Ohawe Beach Rd .....	3760	TEL	9
46	0	90m past State Highway 1 (Rangipo) .....	470		
47	0	National Park East of SH 4 .....	2190		
47	9	North of SH 48 (Chateau Turnoff) .....	1910		
47	26	Te Rata School (Otukou Jn) .....	1390		
47	29	<b>Wanganui / Hamilton regional boundary</b>			
47	46	242m before State Highway 41 .....	1360		
48	4	Whakapapa-Nui Stream .....	2250		
49	8	West of Ohakune .....	1900		
49	11	Ohakune East (East of ex SH 49A) .....	2910		
49	38	Waiouru West of SH 1 .....	1770		
50	0	Port of Napier Gate 3 .....	5010		
50	4	Taradale Rd, 200m north of Maadi Rd .....	14060		
50	4	Taradale Rd, 200m north of Maadi Rd (Inc - SBD) .....	7100		
50	4	Taradale Rd, 200m north of Maadi Rd (Dec - NBD) .....	6950		
50	6	Napier Hastings Ex'way - Taradale Rd to Kennedy Rd .....	6640		
50	7	Napier Hastings Ex'way - Kennedy Rd to Meanee Rd .....	9890		
50	10	TUTA EKURI - Telemetry Site 58 - 50m north of Tutaekuri River Bridge .....	17200	TEL	5
50	12	South of Tutaekuri River .....	17200		
50	14	200m south of Oamaru Rd .....	3170		

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
50	17	North Abutment Ngaruroro River Bridge .....	4860		
50	19	South of Omaha Rd .....	2470		
50	30	120m north of Valley Rd .....	2160		
50	52	<b>Hastings/Central Hawkes Bay Boundary</b>			
50	89	400m south of Makaretu River Br .....	1030		
50A	1	South of Links Rd .....	9800		
50A	5	Evenden Road Roundabout .....	9800		
50A	7	Omaha Rd .....	9800		
50A	14	South of Longlands Rd .....	4600		
53	1	Featherston, West of Donalds Bridge .....	2060		
53	16	Martinborough, West of Princess St .....	2460		
54	3	South of Sandon Block Rd .....	860		
54	15	North of Waituna West .....	860		
54	28	North of Cheltenham .....	1190		
54	31	North of Almadale Rd .....	2440		
54	41	Kimbolton Rd .....	7290		
54	41	Kimbolton Rd (inc - SBD) .....	3680		
54	41	Kimbolton Rd (Dec - NBD) .....	3610		
54	44	South of Aorangi Bridge .....	13300		
54	50	Ta Arakura .....	6690		
54	55	Kairanga - Bunnythorpe .....	3170		
56	1	Ngui Rd .....	3790		
56	19	Longburn .....	5970		
56	23	Mangaone Bridge .....	8410		
57	2	Levin, Kimberley Rd .....	4300		
57	10	Levin, Tavistock Rd .....	7730		
57	24	Shannon North .....	7100		
57	33	Tokomaru River Bridge .....	3130		
57	42	Tane Rd .....	4200		
57	46	North of Linton .....	7060		
57	48	Tiritea .....	1940		
57	50	Aokautere Dr .....	6950		
57	59	Orrs Rd .....	2140		
58	0	West of SH 2 (Haywards Hill) .....	12750		
58	9	PAUAHATANUI EAST - Telemetry Site 73 - Opposite Timber Mill .....	12400	TEL	3
58	11	Pauatahanui, west of James Cook Dr .....	7510		
58	15	Paremata near SH 1, Opposite Boat Sheds .....	13930		
60	0	Richmond, northwest of SH 6 at Appleby Overbridge .....	7990		
60	8	Research Orchard Rd .....	6770		
60	34	Motueka, Shell Garage .....	12200		
60	36	Motueka, North of Borough .....	6240		
60	44	Takaka Hill, Riwaka Valley Rd .....	1710		
60	91	Takaka, Reilly St .....	3540		
60	96	Takaka, Waitapu Br (Rangihaeata) .....	1480		
63	0	Renwick, Brydon St .....	2080		
63	4	Renwick, Waihopai .....	1370		
63	29	Anderson Bridge .....	570		
63	91	St Arnaud speed sign .....	540		
63	116	Kawitiri, Upper Buller River .....	310		
65	72	Springs Junction North .....	880		
67	0	Westport, North of SH 6 Junction .....	1460		
67	5	Westport, North of SH 67A Junction and South of Buller River .....	3960		
67	9	Westport, North of Orowaiti River .....	1960		
67	22	Waimangaroa, South of Township .....	1090		
67	31	Granity, South of Little Ditch Stream .....	750		
67	38	Granity Township .....	970		
67	48	South of Waimarie Junction .....	280		
67	51	North of Mokihinui River .....	140		
67A	0	Westport, North of SH 67 Junction .....	1940		



**Transit New Zealand Traffic Volumes 2002**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
69	0	Inangahua Junction, South of SH 6 .....	730		
69	29	Reefton, North of Burkes Creek .....	910		
69	32	Reefton, Buller Rd north of Potter St .....	1770		
70	18	Waiau, South of Waiau River .....	670		
71	1	Lineside Rd, NW of Kaiapoi .....	10630		
73	0	Christchurch, Brougham St - West of Waltham .....	32390		
73	0	Christchurch, Brougham St - West of Waltham (Inc - WBD) .....	16690		
73	0	Christchurch, Brougham St - West of Waltham (Dec - EBD) .....	15700		
73	1	Christchurch, Brougham St - West of Montreal St .....	32580		
73	1	Christchurch, Brougham St - West of Montreal St (Inc - NBD) .....	16280		
73	1	Christchurch, Brougham St - West of Montreal St (Dec - SBD) .....	16300		
73	2	Christchurch, Jerrold St .....	28580		
73	2	Christchurch, Jerrold St (Inc - Westbound) .....	13890		
73	2	Christchurch, Jerrold St (Dec - Eastbound) .....	14690		
73	4	Christchurch, Southern M'Way - West of Wrights Rd Underpass .....	21190	CON	5
73	7	Christchurch, Curletts Rd - South of Blenheim Rd .....	32280		
73	7	Christchurch, Curletts Rd - South of Blenheim Rd (Inc - NBD) .....	15690		
73	7	Christchurch, Curletts Rd - South of Blenheim Rd (Dec - SBD) .....	16590		
73	8	Christchurch, Blenheim Rd - West of Curletts Rd .....	32700		
73	8	Christchurch, Blenheim Rd - West of Curletts Rd (Inc - NBD) .....	15850		
73	8	Christchurch, Blenheim Rd - West of Curletts Rd (Dec - SBD) .....	16850		
73	9	Christchurch, Main Stn Rd - North of Springs Rd .....	37150		
73	9	Christchurch, Main Stn Rd - North of Springs Rd (Inc - WBD) .....	18810		
73	9	Christchurch, Main Stn Rd - North of Springs Rd (Dec - EBD) .....	18350		
73	10	Christchurch, Main Stn Rd - South of Springs Rd .....	24160		
73	10	Christchurch, Main Stn Rd - South of Springs Rd (Inc - NBD) .....	12340		
73	10	Christchurch, Main Stn Rd - South of Springs Rd (Dec - SBD) .....	11810		
73	15	Christchurch, Yaldhurst Rd - West of SH 1 .....	10590		
73	17	Yaldhurst Rd, East of Old West Coast Rd .....	7310		
73	22	West Melton, East of Dawsons Rd .....	5550		
73	26	Aylesbury, East of Aylesbury Corner .....	3480		
73	27	Aylesbury, West of Aylesbury Corner .....	2720		
73	41	Darfield - Between Russell St and Clinton Rd .....	3270		
73	43	Darfield - West of SH 77 Junction and East of Route 72 Junction .....	1020		
73	64	SPRINGFIELD - Telemetry Site 11 - West of Township .....	1470	TEL	10
73	93	Castle Hill Straight .....	1350		
73	142	Halpins Creek Bridge .....	1160		
73	146	Arthurs Pass Village - Counter Housed Courtesy Dept of Conservation .....	1320	CON	5
73	159	Otira, South of Otira River .....	1090	CON	11
73	191	East of Taipo River .....	800		
73	225	Kumara Junction East .....	1440		
74	2	Christchurch - Main North Rd - Styx - South of Radcliffe Rd .....	27550		
74	3	Christchurch - Main North Rd South of Tuckers Rd .....	29770		
74	3	Christchurch - Main North Rd South of Tuckers Rd (Inc - SBD) .....	14730		
74	3	Christchurch - Main North Rd South of Tuckers Rd (Dec - NBD) .....	15040		
74	4	Christchurch - Main North Rd .....	33460		
74	4	Christchurch - Main North Rd, South of Northcote Rd (Inc - SBD) .....	16720		
74	4	Christchurch - Main North Rd, South of Northcote Rd (Dec - NBD) .....	16750		
74	5	Christchurch - Cranford St - Rural Section No. 472 .....	19940		
74	6	CHRISTCHURCH - Telemetry Site 59 - Cranford St .....	21590	TEL	2
74	7	Christchurch - Cranford St, Between Berwick St and Edgeware Rd .....	17850		
74	8	Christchurch - Sherborne St, Between Canon and Purchas Sts .....	11220		
74	9	Christchurch - Bealey Ave, West of Manchester St .....	34650		
74	9	Christchurch - Bealey Ave, West of Manchester St (Inc - SBD) .....	18270		
74	9	Christchurch - Bealey Ave, West of Manchester St (Dec - NBD) .....	16380		
74	10	Christchurch - Barbadoes St, South of Gloucester St (Inc - SBD) .....	13470		
74	10	Christchurch - Madras St, Between Gloucester and Kilmore Sts (Dec - NBD) .....	13770		
74	11	Christchurch - Moorhouse Ave, East of Madras St .....	38090		
74	11	Christchurch - Moorhouse Ave, East of Madras St (Inc - SBD) .....	14480		
74	11	Christchurch - Moorhouse Ave, East of Madras St (Dec - NBD) .....	23610		
74	12	Christchurch - Waltham Rd, South of Moorhouse Ave .....	16400		
74	12	Christchurch - Waltham Rd, South of Moorhouse Ave (Inc - SBD) .....	9040		
74	12	Christchurch - Waltham Rd, South of Moorhouse Ave (Dec - NBD) .....	7360		
74	12A	Christchurch - Brougham St, East of Waltham Rd .....	27350		
74	12A	Christchurch - Brougham St, East of Waltham Rd (Inc - SBD) .....	13630		
74	12A	Christchurch - Brougham St, East of Waltham Rd (Dec - NBD) .....	13720		
74	13	Christchurch - Brougham St, East of Opawa Rd .....	29320		

## Transit New Zealand Traffic Volumes 2002

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
74	13	Christchurch - Brougham St, East of Opawa Rd (Inc - SBD) .....	14200		
74	13	Christchurch - Brougham St, East of Opawa Rd (Dec - NBD) .....	15110		
74	14	Christchurch - Brougham St, East of Ensors Rd .....	16970		
74	15	Christchurch - Opawa Rd South, East of Garlands Rd .....	9170		
74	16	Christchurch - Port Hills Rd, southeast of Curries Rd .....	9800		
74	17	Christchurch - Port Hills Rd, southeast of Chapmans Rd .....	9400		
74	18	Christchurch - Tunnel Rd, South of Port Hills Rd Interchange .....	8770		
74	20	Christchurch - Tunnel Portal at Heathcote .....	8630		
74	22	Lyttelton - Norwich Quay, Opposite Shell Service Station .....	7890		
74	112	Tunnel Rd - Railway Overbridge .....	5740		
74	113	Tunnel Rd - Between Port Hills Interchange Ramps .....	3570		
74	113	Tunnel Rd On Ramp (Inc) .....	1780		
74	113	Tunnel Rd On Ramp (Dec) .....	1780		
74	175	Tunnel Rd Interchange, Scruttons Rd (Inc - SBD) .....	1700		
74	175	Tunnel Rd Interchange, Scruttons Rd (Dec - NBD) .....	2700		
75	1	Christchurch - Northwest of Curletts River Bridge .....	11680		
75	2	Christchurch - Halswell Rd, North of Tankerville Rd .....	20310		
75	4	Christchurch - Halswell Rd, North of Dunbars Rd .....	16700		
75	5	Christchurch - Halswell Rd South of Nicholls Rd .....	9150		
75	6	Christchurch - Halswell Rd South of Halswell Junction Rd .....	8650		
75	7	Christchurch - Halswell Rd, South of Glovers Rd .....	6290		
75	8	Halswell Rd - South of Candys Rd .....	5930		
75	9	North of Halswell River (Leadleys Bridge) .....	5180		
75	14	Tai Tapu Township - South of Old Tai Tapu Rd .....	3360		
75	16	Tai Tapu - North of McCartneys Rd .....	2240		
75	26	Motukarara - East of McQueens Valley Rd .....	2130		
75	52	Little River - Okana River Bridge .....	2040		
75	61	Hilltop - West of Summit Rd Junction .....	1830		
75	62	Hilltop - Just Past Hotel .....	1500		
75	67	Barrys Bay - East of Cheese Factory .....	1440		
75	73	Robinsons Bay - East of Robinsons Valley Rd .....	1400		
77	0	Ashburton - Kermode St, West of SH 1 Junction .....	6120		
77	1	Ashburton - Alford Forest Rd North of Dale Rd .....	6120		
77	6	Ashburton - North of Racecourse Rd .....	1790		
77	29	Methven - South of Reynolds Rd .....	1150		
77	33	Methven - North of Alford Forest Rd .....	1740		
77	36	Methven - South of Mount Hutt Rd .....	770		
77	41	Methven - Waimarama Rd .....	220		
77	48	Mount Hutt Station - South of Mount Hutt Station Rd Junction .....	390		
77	50	Rakaia Gorge - 0.25km north of Blackford Rd .....	830		
77	86	Homebush - South of Homebush School Corner .....	1390		
77	87	Bangor Rd, East of Homebush School .....	1020		
77	92	Bangor Rd - Rural Near SH 73 .....	1240		
77	94	Waddington North of Hawkins River .....	600		
78	1	Timaru - Port Loop Rd, North of Marine Pde .....	2500		
79	9	Upper Orari - East of Orari Bridge .....	1040		
79	10	Upper Orari - Near Upper Orari Hall .....	2340		
79	15	Geraldine - Cox St, North of Lewis St .....	2670		
79	25	Gapes Valley - Toomeys Bridge .....	1300		
79	59	Fairlie - East of SH 8 .....	1300		
79	61	Fairlie - Between Bridge and Grey Sts .....	2010		
80	3	Lake Pukaki - North of SH 8 Junction .....	720		
82	0	Waimate Turnoff, South of SH 1 Junction .....	1170		
82	8	Waimate - Queen St, Northeast of William St .....	2790		
82	20	Waiho Forks - Northeast of Douglas Bridge .....	460		
82	51	East of Penticotico Bridge .....	250		
83	2	Pukeuri, West of SH 1 .....	1160		
83	36	Duntroon, West of Township .....	600		
83	62	Kurow, West of SH 82 Junction .....	900		
83	106	Omarama, Before Prohibition Rd .....	650		
84	1	Mt Iron - near entrance to reserve .....	5120		
85	10	Palmerston Inch Valley - before McLew Rd .....	970		

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STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2002
85	17	Sweetwater Creek - past culvert .....	430		
85	61	Kyeburn, East of SH 87 .....	530		
85	66	Kyeburn, West of SH 87 .....	650		
85	80	North Ranfurly, before Bypass Rd .....	700		
85	83	East Eweburn, near bridge .....	640		
85	99	Idaburn, past Idaburn-Omakau Rd .....	400		
85	128	Lauder .....	410		
85	155	Past Keddell Rd .....	1070		
85	159	Alexandra - North of Galloway Rd .....	1220		
85	163	Alexandra North - Past camp gates .....	2340		
87	1	Mosgiel .....	12010		
87	9	Outram Wylies Crossing .....	2150		
87	15	West Taieri .....	660		
87	65	Middlemarch .....	480		
87	93	Hyde South, before Hyde Macraes Rd .....	280		
87	109	Kokonga before Waipiata turnoff .....	230		
88	1	Frederick St .....	13480		
88	3	Dunedin - Logan Point .....	9190		
88	10	Dunedin - St Leonards .....	5190		
88	11	Dunedin - Sawyers Bay .....	4950		
90	1	Raes Junction .....	600		
90	26	North Tapanui, Past Heriot Rd .....	1010		
90	32	South Tapanui, Before Victoria Rd .....	1150		
90	58	McNab .....	1620		
93	1	South of Clinton .....	870		
93	41	North of Maitua .....	1230		
94	1	Gore, former Borough Boundary .....	2510		
94	2	Gore, North of former Borough Boundary .....	2120		
94	23	Near McKellars Stream Culvert .....	1200		
94	34	Riversdale .....	830		
94	59	Lumsden, East of SH 6 .....	940		
94	64	Lumsden, West of SH 6 .....	810		
94	111	Mararoa, past Princhester Creek Bridge .....	1530		
94	136	Te Anau East .....	2180		
94	139	Te Anau School .....	2660		
94	141	Te Anau Upukerora River .....	760		
94	172	Retford Stream .....	530		
94	230	Falls Creek Bridge .....	710		
95	2	Wildlide Park .....	1130		
95	11	Rainbow Reach .....	630		
96	9	Glencoe near Hedgehope Stream Bridge .....	450		
96	42	Browns .....	1170		
96	56	Oreti Hotel .....	1600		
96	75	Wreys Bush before hall .....	920		
96	89	Crawfords Tunnel Ohai .....	540		
98	10	Ex Lorne Dacre Rd .....	1030		
99	0	Lorneville, East of Railway Bridge .....	4900		
99	8	East of Argyle Corner .....	3600		
99	27	Riverton, near racecourse .....	1930		
99	39	Colac .....	640		
99	75	Tuatapere .....	360		
99	89	Clifden, near School .....	440		