



**STATE HIGHWAY  
TRAFFIC VOLUMES  
2003**





# **State Highway Traffic Volumes 2003**

**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  
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May 2004

## 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 codes noted in the publication and these can be described 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
- Etd - Estimated count provided by Transit Regional TMS Administrator in the absence of detailed count data for a particular site
- 2002 - Only 2002 data available for the count site

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 2003**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1A	0	Northern Motorway Silverdale Interchange Southbound .....	7160	ATMS	
1A	0	Northern Motorway Silverdale Interchange Northbound .....	6630	ATMS	
1A	0	Northern Motorway Silverdale On Ramp Northbound .....	530		
1A	0	Northern Motorway Silverdale Off Ramp Southbound .....	630		
1B	1	Taupiri Town Edge (by RS 0/1.0 peg) .....	3910		
1B	15	500m past Gordonton Rd/Taylor Rd Intersection .....	1690		
1B	24	100m past Holland Rd Intersection .....	1900		
1B	32	200m before Tauwhare Intersection .....	1960		
1B	33	200m after Tauwhare Intersection .....	2650		
1B	40	200m past Fencourt Rd .....	3450		
1B	43	Outside Cemetery .....	5600		
1C	1	North of Station Road .....	7020		
1C	3	South of Station Road .....	13660		
1D	1	Abbotts Creek Bridge .....	3200		
1D	4	Saddle Hill .....	3570		
1F	20	Waitiki Landing, North of Te Hapua Rd .....	180		
1F	21	Waitiki Landing, South of Te Hapua Rd .....	320		
1F	66	Houhora, East of Salvation Rd .....	990		
1F	96	East of Paparore Rd .....	1620		
1F	103	South of Southley St .....	3600		
1N	4	South of Awanui, Brots Rd .....	5810		
1N	9	South of Empire St .....	5810		
1N	13	South of Fryer Rd .....	2660		
1N	28	South of Ramseys Bridge .....	1060		
1N	69	East of Sturge Rd .....	1520		
1N	84	North of Hariru Rd .....	1430		
1N	88	South of Mason Culvert .....	1420		
1N	90	West of Old Bay Rd .....	4280		
1N	100	West of Hautapu Rd .....	5260		
1N	103	North of Saies Rd .....	6880		
1N	106	North of Williams Bridge .....	6760		
1N	109	North of Paihia Rd .....	7830		
1N	111	KAWAKAWA - Telemetry Site 18 - South of Kawakawa .....	5640	TEL	10
1N	144	South of Corbett Rd .....	7420		
1N	154	South of Vinegar Hill Rd .....	9710		
1N	159	North of Kamo Rd .....	8710		
1N	162	North of Titoki Pl .....	14390		
1N	163	North of Selwyn Ave .....	23770		
1N	164	South Selwyn Ave .....	23410		
1N	165	South of Tarewa Rd .....	23710		
1N	167	South of Cemetery Bridge .....	17450		
1N	170	North of Loop Rd .....	14540		
1N	172	North of Maungakaramea Rd .....	13050		
1N	187	East of Waipapa Bridge .....	10460		
1N	199	North of Uretiti Rd .....	9080		
1N	210	North Waipu Gorge Rd .....	7120		
1N	237	WELLSFORD - Telemetry Site 17 - North of Ross Rd .....	8650	TEL	10
1N	247	North of Matheson Rd .....	10990		
1N	250	South of Centennial Park Rd .....	9520		
1N	258	South Wellsford .....	9430		
1N	267	North of Woodcocks Rd .....	18440		
1N	270	South of McKinney Rd .....	16940		
1N	284	South of Puhoi Rd .....	14670		
1N	289	South of Waiwera .....	20770		
1N	290	HADFIELDS BEACH - Telemetry Site 77 - North of Hadfields Beach .....	16800	TEL	7
1N	293	Orewa, North of Puriri Ave .....	19750		
1N	295	Orewa, South of Bridge .....	23850		
1N	296	North of Whangaparaoa Rd .....	14140		
1N	296	Northern Motorway Silverdale Interchange Southbound .....	6630	ATMS	
1N	296	Northern Motorway Silverdale Interchange Northbound .....	7160	ATMS	
1N	296	Northern Motorway Silverdale On Ramp Southbound .....	11960	ATMS	
1N	296	Northern Motorway Silverdale Off Ramp Northbound .....	11420	ATMS	
1N	302	Northern Motorway Silverdale to Oteha Valley Rd Southbound .....	18600		
1N	302	Northern Motorway Silverdale to Oteha Valley Rd Northbound .....	18580		
1N	307	Northern Motorway Oteha Valley Rd Interchange Southbound .....	16340	ATMS	
1N	307	Northern Motorway Oteha Valley Rd Interchange Northbound .....	16060	ATMS	

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1N	308	Northern Motorway Oteha Valley Rd On Ramp Southbound .....	8710	ATMS	
1N	308	Northern Motorway Oteha Valley Rd Off Ramp Northbound .....	8740	ATMS	
1N	308	Northern Motorway Oteha Valley Rd On Ramp Northbound .....	2540		
1N	308	Northern Motorway Oteha Valley Rd Off Ramp Southbound .....	2510		
1N	308	Northern Motorway Oteha Valley Rd to Greville Rd Southbound .....	25100		
1N	308	Northern Motorway Oteha Valley Rd to Greville Rd Northbound .....	16080	ATMS	
1N	309	Northern Motorway Greville Rd Interchange Southbound .....	23380	ATMS	
1N	309	Northern Motorway Greville Rd Interchange Northbound .....	23570	ATMS	
1N	310	Northern Motorway Greville Rd On Ramp Southbound .....	16540	ATMS	
1N	310	Northern Motorway Greville Rd Off Ramp Northbound .....	18240	ATMS	
1N	309	Northern Motorway Greville Rd On Ramp Northbound .....	1390		
1N	309	Northern Motorway Greville Rd Off Ramp Southbound .....	1760		
1N	311	Northern Motorway Greville Rd to Upper Harbour Hwy Southbound .....	39900		
1N	310	Northern Motorway Greville Rd to Upper Harbour Hwy Northbound .....	41550		
1N	311	Northern Motorway Upper Harbour Hwy Interchange Southbound .....	30930	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy Interchange Northbound .....	32480	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy On Ramp Southbound .....	14030	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy Off Ramp Northbound .....	13440	ATMS	
1N	311	Northern Motorway Upper Harbour Hwy On Ramp Northbound .....	9080		
1N	311	Northern Motorway Upper Harbour Hwy Off Ramp Southbound .....	7520		
1N	312	Northern Motorway Upper Harbour Hwy to Tristram Ave Southbound .....	44960		
1N	312	Northern Motorway Upper Harbour Hwy to Tristram Ave Northbound .....	45930		
1N	313	Northern Motorway Tristram Ave Interchange Southbound .....	37590	ATMS	
1N	313	Northern Motorway Tristram Ave Interchange Northbound .....	39210	ATMS	
1N	314	Northern Motorway Tristram Ave On Ramp Southbound .....	15150	ATMS	
1N	314	Northern Motorway Tristram Ave Off Ramp Northbound .....	15880	ATMS	
1N	314	Northern Motorway Tristram Ave On Ramp Northbound .....	6820		
1N	313	Northern Motorway Tristram Ave Off Ramp Southbound .....	7400		
1N	314	Northern Motorway Tristram Ave to Northcote Rd Southbound .....	52750		
1N	314	Northern Motorway Tristram Ave to Northcote Rd Northbound .....	55100		
1N	316	Northern Motorway Northcote Rd Interchange Southbound .....	41100	ATMS	
1N	316	Northern Motorway Northcote Rd Interchange Northbound .....	41810	ATMS	
1N	316	Northern Motorway Northcote Rd On Ramp Southbound .....	10170	ATMS	
1N	316	Northern Motorway Northcote Rd Off Ramp Northbound .....	5690	ATMS	
1N	315	Northern Motorway Northcote Rd On Ramp Northbound .....	14200		
1N	316	Northern Motorway Northcote Rd Off Ramp Southbound .....	11500		
1N	317	Northern Motorway Esmonde Rd Interchange Southbound .....	50460	ATMS	
1N	317	Northern Motorway Esmonde Rd Interchange Northbound .....	47410	ATMS	
1N	318	Northern Motorway Esmonde Rd On Ramp Southbound .....	17680	ATMS	
1N	318	Northern Motorway Esmonde Rd Off Ramp Northbound .....	23970	ATMS	
1N	318	Northern Motorway Esmonde Rd to Onewa Rd Southbound .....	68150		
1N	318	Northern Motorway Esmonde Rd to Onewa Rd Northbound .....	71380		
1N	319	Northern Motorway Onewa Rd Interchange Southbound .....	62220		
1N	319	Northern Motorway Onewa Rd Interchange Northbound .....	65680		
1N	319	Northern Motorway Onewa Rd On Ramp Southbound .....	11690		
1N	319	Northern Motorway Onewa Rd Off Ramp Northbound .....	13750		
1N	319	Northern Motorway Onewa Rd On Ramp Northbound .....	5710		
1N	319	Northern Motorway Onewa Rd Off Ramp Southbound .....	5930		
1N	320	Northern Motorway Onewa Rd to Stafford Rd .....	79150		
1N	320	Northern Motorway Stafford Rd Off Ramp Northbound .....	3160		
1N	321	Northern Motorway Onewa Rd to Shelly Bch Rd Southbound .....	73910		
1N	320	Northern Motorway Stafford Rd to Curran St Northbound .....	82300		
1N	322	Northern Motorway Curran St On Ramp Northbound .....	10700		
1N	322	Northern Motorway Shelly Beach Rd Off Ramp Southbound .....	11720		
1N	322	Northern Motorway Shelly Bch Rd to Fanshawe St Southbound .....	64570	ATMS	
1N	322	Northern Motorway Curran St to Fanshawe St Northbound .....	71030	ATMS	
1N	323	Northern Motorway Fanshawe St On Ramp Northbound .....	23840		
1N	323	Northern Motorway Fanshawe St Off Ramp Southbound .....	20720		
1N	323	Northern Motorway Fanshawe St to Cook St Southbound .....	43850		
1N	324	Northern Motorway Cook St to Hobson St Northbound .....	30010	ATMS	
1N	324	Northern Motorway Fanshawe St to Wellington St Northbound .....	47190		
1N	324	Northern Motorway Wellington St On Ramp Northbound .....	16120		
1N	324	Northern Motorway Cook St Off Ramp Southbound .....	16910		
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 - Total .....	162960	TEL	5
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 - Centre Span .....	80570	TEL	5
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 - Left Clip-on .....	39730	TEL	5
1N	331	AUCKLAND HARBOUR BRIDGE - Telemetry Site 55 - Right Clip-on .....	42660	TEL	5
1N	335	Northern Motorway Wellington St to Nelson St Northbound .....	30170	ATMS	
1N	335	Southern Motorway Hobson St On Ramp Southbound .....	15680		
1N	335	Southern Motorway Nelson St Off Ramp Northbound .....	13540		
1N	335	Southern Motorway Nelson St to N/W Off Ramp .....	43710		

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STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1N	335	Southern Motorway Hobson St to N/W On Ramp .....	45700		
1N	335	Southern Motorway N/W Off Ramp Northbound .....	19450		
1N	335	Southern Motorway N/W On Ramp Southbound .....	20770		
1N	335	Southern Motorway N/W to Symonds St Southbound .....	64680	ATMS	
1N	336	Southern Motorway N/W to Wellesley St Northbound .....	66420	ATMS	
1N	336	Auck N MW - Symonds .....	131100		
1N	336	Southern Motorway Symonds St On Ramp Southbound .....	10210		
1N	336	Southern Motorway Grafton Rd On Ramp Southbound .....	10650	Est	
1N	336	Southern Motorway Wellesley St Off Ramp Northbound .....	9520		
1N	336	Southern Motorway Symonds St Off Ramp Northbound .....	8160		
1N	336	Southern Motorway Grafton Rd Off Ramp Northbound .....	4600		
1N	336	Southern Motorway Grafton Rd to Khyber Pass Southbound .....	86630	Est	
1N	336	Southern Motorway Wellesley St to Khyber Pass Northbound .....	88670	Est	
1N	337	Auck S MW - Gillies Ave to St Marks Rd .....	175300		
1N	337	Southern Motorway Khyber Pass On Ramp Southbound .....	12680	Est	
1N	337	Southern Motorway Khyber Pass Off Ramp Northbound .....	11110		
1N	337	Southern Motorway Khyber Pass to Gillies Southbound .....	97840		
1N	337	Southern Motorway Khyber Pass to Gillies Northbound .....	98540		
1N	338	Auck S MW - Khyber Pass to Gillies .....	196380		
1N	338	Southern Motorway Gillies Ave Off Ramp Southbound .....	16680		
1N	338	Southern Motorway Gillies Ave On Ramp Northbound .....	21900	ATMS	
1N	338	Southern Motorway Gillies Ave to St Marks Rd Southbound .....	81160	ATMS	
1N	338	Southern Motorway St Marks Rd On Ramp Southbound .....	8370		
1N	338	Southern Motorway St Marks Rd to Market Rd Southbound .....	89530		
1N	338	Southern Motorway Gillies Ave to Market Rd Northbound .....	76640	ATMS	
1N	339	Southern Motorway Market Rd Off Ramp Southbound .....	7170		
1N	339	Southern Motorway Market Rd Off Ramp Northbound .....	6970		
1N	339	Southern Motorway Market Rd to Green Lane East Southbound .....	81990		
1N	339	Southern Motorway Market Rd to Green Lane East Northbound .....	82470		
1N	340	Auck S MW - Green Lane mid interchange .....	133140		
1N	340	Southern Motorway Green Lane East Interchange Southbound .....	67900	ATMS	
1N	340	Southern Motorway Green Lane East Interchange Northbound .....	65250	ATMS	
1N	340	Southern Motorway Green Lane East On Ramp Southbound .....	10960		
1N	340	Southern Motorway Green Lane East Off Ramp Northbound .....	9260		
1N	340	Southern Motorway Green Lane East On Ramp Northbound .....	17230		
1N	340	Southern Motorway Green Lane East Off Ramp Southbound .....	14090		
1N	340	Southern Motorway Green Lane East to Tecoma St Southbound .....	77160		
1N	341	Southern Motorway Tecoma St Interchange Southbound .....	72290		
1N	341	Southern Motorway Tecoma St On Ramp Southbound .....	1720		
1N	341	Southern Motorway Tecoma St Off Ramp Southbound .....	4870		
1N	342	Auck S MW - Ellerslie/Penrose mid interchange .....	120750		
1N	342	Southern Motorway Tecoma St to Ellerslie Panmure Hwy Southbound .....	74020		
1N	341	Southern Motorway Green Lane East to Ellerslie Panmure Hwy Northbound .....	75500		
1N	342	Southern Motorway Ellerslie Panmure Hwy Interchange Southbound .....	61120	ATMS	
1N	342	Southern Motorway Ellerslie Panmure Hwy Interchange Northbound .....	59630	ATMS	
1N	342	Southern Motorway Ellerslie Panmure Hwy On Ramp Southbound .....	6610		
1N	343	Southern Motorway Ellerslie Panmure Hwy Off Ramp Northbound .....	7670		
1N	342	Southern Motorway Ellerslie Panmure Hwy On Ramp Northbound .....	14880		
1N	342	Southern Motorway Ellerslie Panmure Hwy Off Ramp Southbound .....	12900		
1N	344	Southern Motorway Ellerslie Panmure Hwy to South Eastern Hwy Southbound .....	69730		
1N	343	Southern Motorway Ellerslie Panmure Hwy to South Eastern Hwy Northbound .....	67300		
1N	345	Auck S MW - Mt Wgtn mid interchange .....	81740		
1N	343	Southern Motorway South Eastern Hwy On Ramp Northbound .....	19710		
1N	345	Southern Motorway South Eastern Hwy Off Ramp Southbound .....	22360		
1N	345	Southern Motorway South Eastern Hwy to Mt Wellington Hwy Southbound .....	50180		
1N	344	Southern Motorway South Eastern Hwy to Mt Wellington Hwy Northbound .....	50080		
1N	345	Southern Motorway Mt Wellington Hwy Interchange Southbound .....	41310	ATMS	
1N	345	Southern Motorway Mt Wellington Hwy Interchange Northbound .....	40430	ATMS	
1N	346	Southern Motorway Mt Wellington Hwy On Ramp Southbound .....	14530		
1N	346	Southern Motorway Mt Wellington Hwy Off Ramp Northbound .....	12740		
1N	345	Southern Motorway Mt Wellington Hwy On Ramp Northbound .....	9650		
1N	346	Southern Motorway Mt Wellington Hwy Off Ramp Southbound .....	8870		
1N	347	PANAMA ROAD - Telemetry Site 79 - Total .....	111090	TEL	5
1N	347	PANAMA ROAD - Telemetry Site 79 - SBD .....	56090	TEL	5
1N	347	PANAMA ROAD - Telemetry Site 79 - NBD .....	55000	TEL	5
1N	348	Southern Motorway Princes St Interchange Southbound .....	50030		
1N	348	Southern Motorway Princes St Interchange Northbound .....	49590		
1N	348	Southern Motorway Princes St On Ramp Southbound .....	5200		
1N	349	Southern Motorway Water St Off Ramp Northbound .....	5960		
1N	348	Southern Motorway Princes St On Ramp Northbound .....	5410		
1N	348	Southern Motorway Princes St Off Ramp Southbound .....	6060		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1N	350	Southern Motorway Princes St to East Tamaki Rd Southbound .....	55230		
1N	350	Southern Motorway Water St to East Tamaki Rd Northbound .....	55540		
1N	351	Auck S MW - Papatoetoe mid interchange .....	84940		
1N	351	Southern Motorway East Tamaki Rd Interchange Southbound .....	42490	ATMS	
1N	351	Southern Motorway East Tamaki Rd Interchange Northbound .....	42450	ATMS	
1N	351	Southern Motorway East Tamaki Rd On Ramp Southbound .....	7580		
1N	351	Southern Motorway East Tamaki Rd Off Ramp Northbound .....	6630		
1N	351	Southern Motorway East Tamaki Rd On Ramp Northbound .....	12620	ATMS	
1N	351	Southern Motorway East Tamaki Rd Off Ramp Southbound .....	12720	ATMS	
1N	352	Southern Motorway East Tamaki Rd to Te Irirangi Dr Southbound .....	50070		
1N	353	Southern Motorway East Tamaki Rd to Te Irirangi Dr Northbound .....	49070		
1N	353	Auck S MW - Papatoetoe to Manukau .....	82710		
1N	354	Southern Motorway Te Irirangi Dr On Ramp Northbound .....	7930		
1N	354	Southern Motorway Te Irirangi Dr Off Ramp Southbound .....	8500		
1N	354	Southern Motorway Te Irirangi Dr to Manukau Southbound .....	41570		
1N	354	Southern Motorway Te Irirangi Dr to Manukau Northbound .....	41140		
1N	354	Southern Motorway Manukau Interchange Southbound .....	31530	ATMS	
1N	354	Southern Motorway Manukau Interchange Northbound .....	31820	ATMS	
1N	355	Auck S MW - Manukau mid interchange .....	63340		
1N	356	Auck S MW - Manukau to Manurewa .....	91600		
1N	355	Southern Motorway Manukau On Ramp Southbound .....	14160		
1N	356	Southern Motorway Manukau Off Ramp Northbound .....	14090		
1N	355	Southern Motorway Manukau On Ramp Northbound .....	9440	ATMS	
1N	355	Southern Motorway Manukau Off Ramp Southbound .....	9550	ATMS	
1N	357	Southern Motorway Manukau to Hill Rd Southbound .....	45690		
1N	357	Southern Motorway Manukau to Hill Rd Northbound .....	45910		
1N	358	Southern Motorway Hill Rd On Ramp Northbound .....	9370		
1N	358	Southern Motorway Hill Rd Off Ramp Southbound .....	9210		
1N	359	Southern Motorway Hill Rd to Takanini Southbound .....	36480		
1N	359	Southern Motorway Hill Rd to Takanini Northbound .....	36540		
1N	361	Southern Motorway Takanini Interchange Southbound .....	26490	ATMS	
1N	361	Southern Motorway Takanini Interchange Northbound .....	27510	ATMS	
1N	361	Southern Motorway Takanini On Ramp Southbound .....	6250		
1N	361	Southern Motorway Takanini Off Ramp Northbound .....	6560		
1N	361	Southern Motorway Takanini On Ramp Northbound .....	9030	ATMS	
1N	360	Southern Motorway Takanini Off Ramp Southbound .....	7500		
1N	361	Auck S MW - Takanini mid interchange .....	54000		
1N	363	Southern Motorway Takanini to Papakura Southbound .....	32730		
1N	363	Southern Motorway Takanini to Papakura Northbound .....	34070		
1N	365	Southern Motorway Papakura Interchange Southbound .....	23820		
1N	365	Southern Motorway Papakura Interchange Northbound .....	24260		
1N	365	Southern Motorway Papakura On Ramp Southbound .....	2150		
1N	365	Southern Motorway Papakura Off Ramp Northbound .....	2430		
1N	365	Southern Motorway Papakura On Ramp Northbound .....	9810		
1N	365	Southern Motorway Papakura Off Ramp Southbound .....	8910		
1N	367	DRURY - Telemetry Site 7 - Park Estate - Total .....	53290	TEL	8
1N	367	DRURY - Telemetry Site 7 (SBD) - Park Estate .....	26510	TEL	8
1N	367	DRURY - Telemetry Site 7 (NBD) - Park Estate .....	26790	TEL	8
1N	369	Southern Motorway Drury Interchange Southbound .....	17830		
1N	369	Southern Motorway Drury Interchange Northbound .....	17950		
1N	369	Southern Motorway Drury On Ramp Southbound .....	1400		
1N	369	Southern Motorway Drury Off Ramp Northbound .....	1490		
1N	369	Southern Motorway Drury On Ramp Northbound .....	8840		
1N	368	Southern Motorway Drury Off Ramp Southbound .....	8680		
1N	371	DRURY (WIM Site 48) .....	38300	WIM	10
1N	371	Southern Motorway Drury to Ramarama Southbound .....	19150	CON	
1N	371	Southern Motorway Drury to Ramarama Northbound .....	19150	CON	
1N	373	Southern Motorway Ramarama Interchange Southbound .....	17590		
1N	373	Southern Motorway Ramarama Interchange Northbound .....	17550		
1N	373	Southern Motorway Ramarama On Ramp Southbound .....	340		
1N	373	Southern Motorway Ramarama Off Ramp Northbound .....	370		
1N	373	Southern Motorway Ramarama On Ramp Northbound .....	1650		
1N	373	Southern Motorway Ramarama Off Ramp Southbound .....	1600		
1N	376	Southern Motorway Ramarama to Mill Rd Southbound .....	17930		
1N	376	Southern Motorway Ramarama to Mill Rd Northbound .....	17920		
1N	377	Auck S MW - Drury to Ramarama .....	35850		
1N	379	Southern Motorway Mill Rd Southbound .....	13580		
1N	379	Southern Motorway Mill Rd Northbound .....	13450		
1N	380	Southern Motorway Mill Rd On Ramp Southbound .....	2680		
1N	379	Southern Motorway Mill Rd Off Ramp Northbound .....	2890		
1N	379	Southern Motorway Mill Rd On Ramp Northbound .....	4470		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1N	379	Southern Motorway Mill Rd Off Ramp Southbound .....	4350		
1N	380	Southern Motorway Mill Rd to Beaver Rd Southbound .....	16260		
1N	380	Southern Motorway Mill Rd to Beaver Rd Northbound .....	16340		
1N	381	Southern Motorway Beaver Rd Southbound .....	16200		
1N	381	Southern Motorway Beaver Rd Northbound .....	16080		
1N	381	Southern Motorway Beaver Rd On Ramp Southbound .....	20		
1N	381	Southern Motorway Beaver Rd Off Ramp Northbound .....	220		
1N	381	Southern Motorway Beaver Rd On Ramp Northbound .....	260		
1N	381	Southern Motorway Beaver Rd Off Ramp Southbound .....	60		
1N	382	Southern Motorway Beaver Rd to Nikau Rd Southbound .....	15990		
1N	382	Southern Motorway Beaver Rd to Nikau Rd Northbound .....	15740		
1N	382	Southern Motorway Nikau Rd Southbound .....	15480		
1N	382	Southern Motorway Nikau Rd Northbound .....	15810		
1N	382	Southern Motorway Nikau Rd On Ramp Southbound .....	80		
1N	382	Southern Motorway Nikau Rd Off Ramp Northbound .....	70		
1N	382	Southern Motorway Nikau Rd On Ramp Northbound .....	500		
1N	382	Southern Motorway Nikau Rd Off Ramp Southbound .....	560		
1N	382	BOMBAY - Telemetry Site 72 - Total .....	32520	TEL	10
1N	382	BOMBAY - Telemetry Site 72 - (SBD) .....	16220	TEL	10
1N	382	BOMBAY - Telemetry Site 72 - (NBD) .....	16310	TEL	10
1N	383	Southern Motorway Nikau Rd to Razorback Rd Southbound .....	15750		
1N	383	Southern Motorway Nikau Rd to Razorback Rd Northbound .....	15870		
1N	384	Southern Motorway Razorback Rd On Ramp Northbound .....	350		
1N	384	Southern Motorway Razorback Rd Off Ramp Southbound .....	290		
1N	384	Southern Motorway Razorback Rd to SH1/SH2 Southbound .....	15460		
1N	384	Southern Motorway Razorback Rd to SH1/SH2 Northbound .....	15520		
1N	385	Southern Motorway SH1/SH2 Southbound .....	9200		
1N	385	Southern Motorway SH1/SH2 Northbound .....	9250		
1N	385	SH1/SH2 On Ramp Southbound .....	300		
1N	385	SH1/SH2 Off Ramp Northbound .....	260		
1N	385	SH1/SH2 On Ramp Northbound .....	6290		
1N	385	SH1/SH2 Off Ramp Southbound .....	6270		
1N	385	<b>Auckland / Hamilton regional boundary</b>			
1N	390	400m before Horace Russell Rd (Inc - SBD) .....	8070		
1N	390	400m before Horace Russell Rd (Dec - NBD) .....	7320		
1N	395	Next to bus bay LHS (outside Power Station) .....	15770		
1N	414	580m past Te Onetea Rd .....	15350		
1N	428	North of Bell Crossing St - opposite house #222 .....	15070		
1N	429	120m past Bells Crossing St (Huntly) .....	19330		
1N	430	5m south of rail crossing ( 80m North of Rayner Rd) .....	15680		
1N	431	Next to Transformer #97, south of Mobil Huntly .....	17630		
1N	434	TAUPIRI - Telemetry Site 19 - North of Gordonton Rd .....	17900	TEL	13
1N	438	Ngaruawahia, 100m South of Hopu Hopu Rail Br .....	14000		
1N	442	70m south of River Rd .....	15740		
1N	446	Opposite Ngaruawahia Golf Club sign .....	16730		
1N	449	100m south of Horotiu Bridge Rd .....	18410		
1N	455	400m north of Avalon/Te Rapa roundabout .....	25790		
1N	457	50m south of Crawford St .....	23990		
1N	458	200m north of Rifle Range Rd .....	27240		
1N	459	55m south of Edgar St (Inc - SBD) .....	9500		
1N	459	20m south of Edgar St (Dec - NBD) .....	9270		
1N	461	120m east of railway crossing .....	21430		
1N	462	100m west of Dowding St .....	12560		
1N	463	150m west of Cobham Dr intersection (Inc - SBD) .....	13420		
1N	463	200m west of Cobham Dr intersection (Dec - NBD) .....	13310		
1N	464	50m east of Cobham Dr Bridge .....	25620		
1N	466	150m west of Johnsvie Tce (Inc - SBD) .....	13370		
1N	466	100m west of Johnsvie Tce (Dec - NBD) .....	13470		
1N	467	75m east of Cambridge Rd roundabout (Inc - SBD) .....	17890		
1N	467	70m east of Cambridge Rd roundabout (Dec - NBD) .....	17950		
1N	468	100m north of Riverlea Rd .....	26360		
1N	468	135m north of Riverlea Rd (Inc - SBD) .....	12950		
1N	468	105m north of Riverlea Rd (Dec - NBD) .....	13420		
1N	470	355m past Cherry Lane (Tamahere Motels) .....	21700		
1N	474	North of Pickering Rd .....	17470		
1N	485	Cambridge By-Pass, north of Duke St .....	18980		
1N	491	KARAPIRO - Telemetry Site 20 - South of Hydro Turnoff .....	13820	TEL	12
1N	505	400m south of State Highway 29 .....	7580		
1N	517	South of Oraka Stream Bridge .....	10960		
1N	518	200m south of SH 5 junction .....	7790		
1N	525	50m north of Oraka Stream Bridge .....	10120		

## Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1N	531	LICHFIELD - Telemetry Site 21 - South of Baldwin Rd .....	9110	TEL	18
1N	546	TOKOROA - WIM Site 51 .....	8510	WIM	19
1N	551	Tokoroa, 150m South of Balmoral Dr .....	8810		
1N	557	South of Kinleith Rd, by RS peg 550/7.09 .....	6370		
1N	601	Wairakei, 100m south of Palmer Mill Rd .....	5020		
1N	611	At RS peg 606/5.07 (past Huka Loop Rd) .....	10190		
1N	614	Taupo, 20m north of Control Gates .....	27620		
1N	617	Taupo, 100m north of SH 5 junction, Waipahihi .....	17460		
1N	618	Taupo, 300m south of SH 5 junction .....	15600		
1N	641	HALLETT'S BAY - Telemetry Site 42 .....	5550	TEL	15
1N	671	100m north of RS peg 666/5 .....	3860		
1N	676	500m past SH 46 (National Park Rd) Rangipo .....	3490		
1N	708	<b>Hamilton / Wanganui regional boundary</b>			
1N	709	Desert Rd .....	3420		
1N	739	HIHITAHU - Telemetry Site 29 - Near Deacons Rd .....	4730	TEL	15
1N	752	Hautapu (Taihape Deviation) .....	4770		
1N	757	Mataroa Rd (Taihape) .....	6500		
1N	761	Utiku Straights .....	5690		
1N	780	Mangaweka North .....	4650		
1N	796	Hunterville, North Vinegar Hill Rd .....	4530		
1N	820	Rata South at Mangaraupi Bridge .....	4640		
1N	835	Greatford .....	5260		
1N	842	Bulls North .....	5140		
1N	845	Bulls, Rangitikei River Bridge .....	12570		
1N	848	SANSON - Telemetry Site 38 .....	11840	TEL	11
1N	859	Carnarvon, South of Champions Line .....	4980		
1N	873	Himatangi, South of SH 56 .....	6720		
1N	881	Foxton .....	8590		
1N	884	Whirokino .....	7950		
1N	898	Levin, Kawi Rd - Gordon Pl .....	9520		
1N	900	Levin, Oxford St .....	14040		
1N	903	Levin, South of Town .....	11660		
1N	906	OHAU - Telemetry Site 56 - Ohau Overbridge .....	14830	TEL	9
1N	915	<b>Wanganui / Wellington regional boundary</b>			
1N	918	Otaki, North Waitohu Stream Bridge .....	14390		
1N	921	Otaki, North of Waerenga Rd .....	16740		
1N	922	Otaki River Bridge .....	16360		
1N	936	Waikanae, North of Elizabeth St .....	20850		
1N	940	Paraparaumu North, near Kapiti Lookout .....	23490		
1N	943	Coastlands, Paraparaumu North of Ihakara St .....	24360		
1N	950	Paekakariki, South of MacKays Crossing .....	24230		
1N	958	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification) .....	22200	TEL	12
1N	960	Pukerua Bay, North of Wairaka Rd .....	23160		
1N	964	Plimmerton Taupo Swamp .....	24120		
1N	964	Plimmerton Taupo Swamp Offramp .....	160		
1N	968	Paremata Bridge .....	29910		
1N	970	Papakowhai footbridge (Total) .....	33060		
1N	970	Papakowhai footbridge (Inc - SBD) .....	17780		
1N	970	Papakowhai footbridge (Dec - NBD) .....	15280		
1N	972	Mungavin mid diamond (Total) .....	30750		
1N	972	Mungavin mid diamond (Inc - SBD) .....	15540		
1N	972	Mungavin mid diamond (Dec - NBD) .....	15210		
1N	972	Ramp Bridge On Ramp (NBD) .....	8370		
1N	972	Ramp Bridge Off Ramp (SBD) .....	8850		
1N	973	Mungavin On Ramp (NBD) .....	4100		
1N	973	Mungavin Off Ramp (SBD) .....	3660		
1N	977	Wellington Northern M/W Porirua - Tawa (Total) .....	40370		
1N	977	Wellington Northern M/W Porirua - Tawa (Inc - SBD) .....	20270		
1N	977	Wellington Northern M/W Porirua - Tawa (Dec - NBD) .....	20100		
1N	982	Wellington M/W South of Grenada interchange (Total) .....	52970		
1N	982	Wellington M/W South of Grenada interchange (Inc - SBD) .....	26470		
1N	982	Wellington M/W South of Grenada interchange (Dec - NBD) .....	26510		
1N	983	Wellington M/W J'ville Bypass (Total) .....	41360		
1N	983	Wellington M/W J'ville Bypass (Inc - SBD) .....	21040		
1N	983	Wellington M/W J'ville Bypass (Dec - NBD) .....	20320		
1N	985	Wellington Ngauranga Gorge (Total) .....	71030		
1N	985	Wellington Ngauranga Gorge (Inc - SBD) .....	36520		
1N	985	Wellington Ngauranga Gorge (Dec - NBD) .....	34510		
1N	987	NGAURANGA - Telemetry Site 3 - Flyover S/B .....	22110	TEL	4
1N	987	NGAURANGA - Telemetry Site 4 - Flyover N/B .....	22020	TEL	5
1N	990	Wgtn M/W Thorndon Flyover (Total) .....	59810		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1N	990	Wgtn M/W Thorndon Flyover (Inc - SBD)	30430		
1N	990	Wgtn M/W Thorndon Flyover (Dec - NBD)	29380		
1N	990	May St On Ramp (NBD)	4000		
1N	990	Murphy St Off Ramp (SBD)	5500		
1N	991	Wgtn M/W Hawkestone/Tinakori Thru Lanes (Total)	47760		
1N	991	Wgtn M/W Hawkestone/Tinakori Thru Lanes (Inc - SBD)	23370		
1N	991	Wgtn M/W Hawkestone/Tinakori Thru Lanes (Dec - NBD)	24390		
1N	991	Hawkestone Offramp SBD	3770		
1N	991	Hawkestone On ramp SBD	4210		
1N	992	Tinakori On ramp NBD	3600		
1N	992	Tinakori Offramp NBD	6750		
1N	993	Wgtn M/W Terrace Tunnel (Total)	42610		
1N	993	Wgtn M/W Terrace Tunnel (Inc - SBD)	19240		
1N	993	Wgtn M/W Terrace Tunnel (Dec - NBD)	23370		
1N	996	Patterson St, South of Basin Reserve	38420	CON	10
1N	997	Ruahine St, South of Goa St	33050		
1N	998	Cobham Dr, South of Evans Bay Pde (Total)	34220		
1N	998	Cobham Dr, South of Evans Bay Pde (Inc - SBD)	17300		
1N	998	Cobham Dr, South of Evans Bay Pde (Dec - NBD)	16920		
1N	1000	Calabar Rd, South of Caledonia St	21160		
1S	1	Picton, Waitohi Bridge	5320		
1S	7	Picton - Blenheim, Koromiko	5120		
1S	26	Blenheim North, Opawa	9490		
1S	28	Blenheim, Park Tce	10430		
1S	31	Blenheim South, Riverlands	6080		
1S	49	Seddon North, Dashwood - Molesworth sign	3090		
1S	90	<b>Wellington / Christchurch regional boundary</b>			
1S	144	KAIKOURA - Telemetry Site 9 - North of Hapuku River	2320	TEL	12
1S	156	Kaikoura, Beach Rd	5390		
1S	163	Kowhai River Bridge, North of Route 70	3160		
1S	212	Parnassus, North of Leader River	2180		
1S	229	Cheviot Township	2440		
1S	245	1.5km north of Hurunui River	2420		
1S	284	Waipara, North of SH 7 Junction	3410		
1S	285	WAIPARA - WIM Site 52	6740	WIM	11
1S	295	Amberley	7420		
1S	301	Leithfield - North of Kings Rd	6550		
1S	313	Waikuku, South of township	9270		
1S	316	Woodend, at school	11070		
1S	317	Woodend, South of SH 72 Junction	11830		
1S	322	Kaiapoi - N. M/Way N of Smith St/Lineside Rd U/pass (SH 71)	10760		
1S	323	Kaiapoi - N. M/Way Betw SH 71 Sth Ramps and Ohoka Rd Nth Ramps (Total)	21400		
1S	323	Kaiapoi - N. M/Way Betw SH 71 Sth Ramps and Ohoka Rd Nth Ramps (Inc - SBD)	11120		
1S	323	Kaiapoi - N. M/Way Betw SH 71 Sth Ramps and Ohoka Rd Nth Ramps (Dec - NBD)	10280		
1S	324	Kaiapoi - N. M/Way Between Ohoka Rd North and South Ramps (Total)	20020		
1S	324	Kaiapoi - N. M/Way Between Ohoka Rd North and South Ramps (Inc - SBD)	10240		
1S	324	Kaiapoi - N. M/Way Between Ohoka Rd North and South Ramps (Dec - NBD)	9780		
1S	326	Kaiapoi - N. M/way Between Ohoka Rd South Ramps and Tram Rd South Ramps (Total)	26870		
1S	326	Kaiapoi - N. M/way Betw Ohoka Rd Sth Ramps and Tram Rd Sth Ramps (Inc - SBD)	13350		
1S	326	Kaiapoi - N. M/way Betw Ohoka Rd Sth Ramps and Tram Rd Sth Ramps (Dec - NBD)	13510		
1S	327	Christchurch - N. M/Way South end Waimakariri River Bridge (Total)	32890	CON	5
1S	327	Christchurch - N. M/Way South end Waimakariri River Bridge (Inc - SBD)	16630		
1S	327	Christchurch - N. M/Way South end Waimakariri River Bridge (Dec - NBD)	16260		
1S	329	Christchurch - N. M/way Between ERP 327/0.90 and Dickeys Rd (Total)	26600		
1S	329	Christchurch - N. M/way Between ERP 327/0.90 and Dickeys Rd (Inc - SBD)	13330		
1S	329	Christchurch - N. M/way Between ERP 327/0.90 and Dickeys Rd (Dec - NBD)	13270		
1S	330	Christchurch - South of Belfast Tavern/Dickeys Rd (Total)	29380		
1S	330	Christchurch - South of Belfast Tavern/Dickeys Rd (Inc - SBD)	14690		
1S	330	Christchurch - South of Belfast Tavern/Dickeys Rd (Dec - NBD)	14680		
1S	332	Christchurch - Main North Rd North of Johns Rd (Total)	34730		
1S	332	Christchurch - Main North Rd North of Johns Rd (Inc - SBD)	17760		
1S	332	Christchurch - Main North Rd North of Johns Rd (Dec - NBD)	16970		
1S	333	Christchurch - Johns Rd East of Groynes Entrance	13570		
1S	337	Christchurch - Johns Rd East of Sawyers Arms Rd	14000		
1S	339	Christchurch - between Harewood & Mcleans Island Rds	18360		
1S	340	Christchurch - Russley Rd, North of Memorial Rd	19970		
1S	343	Christchurch - Russley Rd, North of Ryans Rd	22510		
1S	345	Christchurch - Carmen Rd, South of Steadman Rd	17790		
1S	346	Christchurch - Carmen Rd, South of Buchanans Rd	17680		
1S	348	Christchurch - Main South Rd, South of Parker St	17020		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1S	349	Christchurch - South of Halswell Jn Rd .....	17950		
1S	352	Christchurch - Main South Rd, South of Templeton .....	16060		
1S	366	Rolleston - South of Weedons Ross Rd .....	14860		
1S	376	Burnham - South of Burnham Rd .....	10050		
1S	389	DUNSANDEL - Telemetry Site 68 (LTSA) .....	8320	TEL	12
1S	400	Rakaia - North of Rakaia Bridge .....	9710		
1S	405	Rakaia - North of Hatfield Overdale Rd .....	8870		
1S	428	Ashburton - North of Rail Crossing, South of Golf Links Rd .....	9970		
1S	429	Ashburton - West St, South of Racecourse Rd .....	6730		
1S	430	Ashburton - West St, North of Wills St .....	9980		
1S	431	Ashburton - Archibald St Tinwald, South of Ashburton R. ....	17690		
1S	440	Winslow - South of Winslow Rd .....	6420		
1S	455	Hinds .....	5540		
1S	472	Orari - North of Arundel Belfield Rd .....	4460		
1S	482	Winchester, South of Township .....	7390		
1S	488	Temuka - Vine St, north of Wood St (Temuka Bypass) .....	6700		
1S	500	Timaru - North East of Racecourse Gates .....	14000		
1S	502	Timaru - Hilton Highway, South of Washdyke Creek Bridge .....	18280		
1S	503	Timaru - Hilton Highway Between Blair and Bridge Sts .....	16720		
1S	505	TIMARU - Telemetry Site 69 - Evans St .....	20010	TEL	7
1S	506	Timaru - Theodosia St, North of Sefton St (Total) .....	12820		
1S	506	Timaru - Theodosia St, North of Sefton St (Inc - SBD) .....	6410		
1S	506	Timaru - Theodosia St, North of Sefton St (Dec - NBD) .....	6410		
1S	507	Timaru - Theodosia St at Church Rd Underpass .....	12820		
1S	508	Timaru - Craigie Ave, between North St and Browne St (Total) .....	12490		
1S	508	Timaru - Craigie Ave, between North St and Browne St (Inc - SBD) .....	6030		
1S	508	Timaru - Craigie Ave, between North St and Browne St (Dec - NBD) .....	6460		
1S	509	Timaru - King St, North of Otipua Rd .....	9750		
1S	510	Timaru - South of Beaconsfield Rd .....	7070		
1S	517	Pareora - North of Campbells Rd .....	6620		
1S	522	ST ANDREWS - Telemetry Site 31 - 2km north of St Andrews .....	5300	TEL	12
1S	541	Hook, North of Hook River .....	4630		
1S	567	Glenavy, North of Township .....	3720		
1S	569	<b>Christchurch / Dunedin regional boundary</b>			
1S	580	South of Waitaki River at Hilderthorpe .....	4590		
1S	584	Pukeuri, South of Junction With SH 83 .....	6470		
1S	588	Oamaru, Waitaki Ave - Virgil St .....	13490		
1S	591	Oamaru, Nen St - Exe St (Total) .....	19630		
1S	591	Oamaru, Nen St - Exe St (Inc - SBD) .....	9730		
1S	591	Oamaru, Nen St - Exe St (Dec - NBD) .....	9900		
1S	592	Oamaru, North of junction .....	10640		
1S	593	Oamaru, Old South Boundary before Weston Rd .....	7200		
1S	595	Oamaru, South of Waireka Rd .....	4470		
1S	612	Herbert, North of Ross Rd .....	3970		
1S	624	Hampden North .....	3740		
1S	630	Moeraki .....	3990		
1S	645	Bushey .....	3790		
1S	656	Palmerston Pleasant Valley .....	4620		
1S	678	Kilmog .....	4900		
1S	685	Evansdale .....	5810		
1S	701	Dunedin Northern Motorway, North of Pine Hill Rd .....	5610		
1S	703	Cumberland St, near Willowbank (Inc - SBD) .....	10210		
1S	703	Great King St, near Willowbank (Dec - NBD) .....	9500	Etd	
1S	705	Castle St, South of Hanover St (Inc - SBD) .....	17050		
1S	705	Cumberland St, South of Hanover St (Dec - NBD) .....	17000	Etd	
1S	706	Cumberland St, South of Rattray St (Inc - SBD) .....	22700		
1S	706	Crawford St, South of Rattray St (Dec - NBD) .....	17420		
1S	707	Andersons Bay Rd, near Ardmore Dr (Total) .....	38850		
1S	707	Andersons Bay Rd, near Ardmore Dr (Inc - SBD) .....	19240		
1S	707	Andersons Bay Rd, near Ardmore Dr (Dec - NBD) .....	19610		
1S	708	By King Edward St Overpass (Total) .....	22950		
1S	708	By King Edward St Overpass (Inc - SBD) .....	11520		
1S	708	By King Edward St Overpass (Dec - NBD) .....	11430		
1S	709	Caversham Lights (Total) .....	20290		
1S	710	Caversham Valley Rd .....	24850		
1S	711	Lookout Point (Total) .....	27520		
1S	711	Lookout Point (Inc - SBD) .....	14710		
1S	711	Lookout Point (Dec - NBD) .....	12810		
1S	713	BURNSIDE - Telemetry Site 63 - Total .....	24450	TEL	5
1S	713	BURNSIDE - Telemetry Site 63 - SBD .....	14750	TEL	5
1S	713	BURNSIDE - Telemetry Site 63 - NBD .....	9710	TEL	5

## Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
1S	713	Main South Road, SBD .....	2960		
1S	713	Green Island On Ramp to Motorway (Tel Site 63) - NBD .....	2620	TEL	5
1S	714	Kaikorai Valley Offramp from Motorway (Tel Site 63) - NBD .....	3090	TEL	5
1S	714	Green Island to Kaikorai Valley Rd (Tel Site 63) - NBD .....	2280	TEL	
1S	718	Fairfield Bypass (Total) .....	19320	2002	
1S	718	Fairfield Bypass (Inc - SBD) .....	9660	2002	
1S	718	Fairfield Bypass (Dec - NBD) .....	9660	2002	
1S	721	Mosgiel, South of Junction With SH 87 .....	9460		
1S	725	East Taieri - before Riverside Rd .....	9220		
1S	731	South Allanton - after Stack St .....	5550		
1S	755	North Milburn - before Lime Works Rd .....	5920		
1S	765	MILTON - Telemetry Site 27 - Milton South .....	5920	TEL	12
1S	766	Milton, South of SH 8 Clarksville Junction .....	3920		
1S	783	North Balclutha - before Johnson Rd .....	4100	Etd	
1S	786	Balclutha Bridge .....	10390		
1S	791	Balclutha Te Houka .....	3730		
1S	812	South Kuriwao Siding Rd .....	2240		
1S	818	Clinton South of Cemetery .....	1660		
1S	838	Arthurton - before Well Rd .....	1390		
1S	854	GORE - Telemetry Site 45 .....	3880	TEL	11
1S	856	Gore, North side .....	3530		
1S	858	Gore, before Ashton St .....	11820		
1S	859	Gore .....	12540		
1S	861	Gore, South of Charlton Rd .....	6040		
1S	863	Gore, Past Saleyards Rd .....	5100		
1S	871	Past Nuffield St .....	5040		
1S	875	Mataura, South of SH 96 Junction Brydon .....	4330		
1S	899	Dacre, near Transmitting Station .....	4280		
1S	916	Invercargill, South End of Kennington .....	4770		
1S	919	Invercargill, North of Rockdale Rd .....	4540		
1S	921	South of Forth St, North of Tyne St (Total) .....	12400		
1S	921	South of Forth St, North of Tyne St (Inc - SBD) .....	6340		
1S	921	South of Forth St, North of Tyne St (Dec - NBD) .....	6050		
1S	922	Invercargill, East of Queens Dr .....	11560		
1S	923	INVERCARGILL - Telemetry Site 62 .....	11650	TEL	3
1S	929	Invercargill, South of Avon Rd .....	3250		
1S	935	Invercargill, North of Awarua Radio Stn .....	2360		
1S	950	Bluff, South of township .....	870		
2	2	MAUNGATAWHIRI - Telemetry Site 74 - West of Grahams Bridge .....	13500	TEL	15
2	33	By RS peg 32/1 .....	11660		
2	36	800m north of SH 27 intersection .....	8580		
2	37	200m past State Highway 27 (Mangatarata) .....	4310		
2	52	650m past Orchard East Rd .....	4850		
2	62	130m north of Fisher Rd .....	6580		
2	66	986m past Awaiti Rd .....	5510		
2	91	WAIHI - Telemetry Site 34 - East of Samson Rd West .....	7180	TEL	10
2	95	40m south of Crean Rd .....	8620		
2	98	200m south of Trigg Rd .....	5420		
2	106	500m east of Athenree Rd (Tauranga side) .....	7000		
2	117	25m north of Phillip Walter Dr .....	9470		
2	127	Wright Rd .....	9460		
2	141	TE PUNA - Telemetry Site 65 - West of Snodgrass .....	14570	TEL	8
2	143	340m past Snodgrass Rd .....	14990		
2	146	480m north of Wairoa Rd .....	16490		
2	148	80m east of Bethlehem Rd .....	23780		
2	151	500m East of Cambridge Road Overbridge (Total) .....	26650		
2	151	500m East of Cambridge Road Overbridge (Inc - SBD) .....	13870		
2	151	500m East of Cambridge Road Overbridge (Dec - NBD) .....	12780		
2	154	Hairini Bridge .....	26580		
2	160	205m before Maungatapu Bridge .....	22360		
2	168	North of Kairua Rd .....	18950		
2	171	500m south of Domain Rd, Papamoa .....	15930		
2	176	TE PUKE - WIM Site 49 .....	17790	WIM	9
2	187	445m before Maketu Rd .....	13850		
2	204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd .....	4560	TEL	15
2	225	785m past Speed Restriction (Matata East) .....	2450		
2	241	163m before SH 30 Awakeri Rail Crossing .....	3380		
2	242	East of SH 30 (West to Te Teko) .....	8900		
2	243	220m past SH 30 Awakeri Hall .....	1750		
2	285	100m before Wainui Rd .....	1090		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
2	286	100m past Wainui Rd .....	3150		
2	298	525m before Paerata Ridge Rd (Before Opotiki) .....	3510		
2	308	437m before Matchitts Rd .....	1330		
2	361	<b>Hamilton / Napier regional boundary</b>			
2	390	700m south of Parihohonu Bridge .....	990		
2	412	140m north of Graham Rd .....	1140		
2	428	ORMOND - Telemetry Site 26 - 13km north of Gisborne Turnoff .....	2500	TEL	12
2	441	Carringtons Culvert .....	2410		
2	444	200m north of Bell Rd .....	5640		
2	448	50m north of Whatatuna Bridge .....	3510		
2	452	Manutuke 16km south of Gisborne .....	1850		
2	528	2.4km south of Ohuia Rd (Wairoa North) .....	1990		
2	533	Wairoa River Bridge .....	8940		
2	536	300m south of Wairoa District boundary .....	2060		
2	541	50m north of Thorpes Bridge (Wairoa South) .....	1660		
2	627	TANGOIO - Telemetry Site 24 .....	1940	TEL	17
2	637	Esk River Bridge .....	4150		
2	640	330m north of Franklin Rd .....	7770		
2	643	100m north of Onehunga Rd .....	10260		
2	646	200m north of Weighbridge .....	10830		
2	648	Westshore bridge .....	11660		
2	649	Hyderabad Rd : Pandora Rd - Tamatea Dr (Total) .....	17450		
2	649	Hyderabad Rd : Pandora Rd - Tamatea Dr (Inc - SBD) .....	9090		
2	649	Hyderabad Rd : Pandora Rd - Tamatea Dr (Dec - NBD) .....	8370		
2	650	Hyderabad Rd : Tamatea Dr - Taradale Rd (Total) .....	19980		
2	650	Hyderabad Rd : Tamatea Dr - Taradale Rd (Inc - SBD) .....	10010		
2	650	Hyderabad Rd : Tamatea Dr - Taradale Rd (Dec - NBD) .....	9970		
2	651	Hyderabad Rd : Taradale - Georges Dr .....	20950		
2	652	Georges Dr, 170m south of Ashridge Rd .....	5450		
2	658	Waitangi Tutaekuri Bridge, Awatoto .....	13680		
2	661	SH 2 Junction with Farndon Rd .....	12250		
2	666	100m south of Pilchers Rd .....	11520		
2	669	Karamu Rd North, South of Ellwood Rd .....	12170		
2	671	Hastings St South, South of Heretaunga St East .....	7090		
2	672	Southampton St, West of Karamu Rd South .....	10930		
2	673	Railway Rd - 70 km/h sign .....	5780		
2	676	200m south of Longlands Rd .....	3800		
2	680	50m south of stockyard entrance .....	6670		
2	713	150m north of Waipawa post Office .....	8140		
2	715	250m south of Tapairu Rd South .....	8750		
2	721	100m south of Porangahau Rd .....	8310		
2	731	100m north of Waimoana Entrance .....	4250		
2	751	<b>Napier / Wanganui regional boundary</b>			
2	755	NORSEWOOD - Telemetry Site 25 - Norsewood Underpass .....	3960	TEL	15
2	769	North of Dannevirke .....	5270		
2	774	Dannevirke, High St .....	8560		
2	790	Oringi .....	5250		
2	808	Woodville North of Ngawaparua River Bridge .....	3910		
2	814	Mangatainoka .....	4140		
2	817	Pahiatua (Total) .....	8260		
2	817	Pahiatua (Inc - SBD) .....	4070		
2	817	Pahiatua (Dec - NBD) .....	4190		
2	831	Konini .....	3110		
2	858	<b>Wanganui / Wellington regional boundary</b>			
2	864	South of Readers Cutting .....	2980		
2	883	Masterton, South of Second St .....	7390		
2	886	Masterton, South of Intermediate St .....	13290		
2	895	CLAREVILLE - Telemetry Site No 80 - North of Whites Line .....	8930	TEL	12
2	899	Carterton, North of Victoria St .....	12230		
2	906	Carterton, South of Waiohine River Br .....	8380		
2	908	Greytown, North of Wood St .....	8260		
2	917	South of Tauherenikau River Br .....	5210		
2	937	RIMUTAKA - Telemetry Site No 1 - North of Pukuratahi River Bridge .....	5050	TEL	11
2	948	Upper Hutt, North of Sunnyview Dr (Birchville) .....	10570		
2	949	Upper Hutt, South of Akatarawa Rd .....	17520		
2	951	Upper Hutt, South of Totara Park .....	17690		
2	954	Upper Hutt, South of Whakatiki St .....	23140		
2	957	Upper Hutt, North of Silverstream Br .....	24260		
2	962	Upper Hutt, Manor Park (Total) .....	32110		
2	962	Upper Hutt, Manor Park (Inc - SBD) .....	16060		
2	962	Upper Hutt, Manor Park (Dec - NBD) .....	16050		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
2	963	Lower Hutt, South of SH 58 (Total) .....	33750		
2	963	Lower Hutt, South of SH 58 (Inc - SBD) .....	16860		
2	963	Lower Hutt, South of SH 58 (Dec - NBD) .....	16890		
2	969	Lower Hutt, North of Block Rd (Total) .....	36110		
2	969	Lower Hutt, North of Block Rd (Inc - SBD) .....	16130		
2	969	Lower Hutt, North of Block Rd (Dec - NBD) .....	19990		
2	971	Lower Hutt, South of Normandale footbridge (Total) .....	37280		
2	971	Lower Hutt, South of Normandale footbridge (Inc - SBD) .....	18620		
2	971	Lower Hutt, South of Normandale footbridge (Dec - NBD) .....	18650		
2	972	Lower Hutt, Percy's Reserve (Total) .....	38920		
2	972	Lower Hutt, Percy's Reserve (Inc - SBD) .....	19330		
2	972	Lower Hutt, Percy's Reserve (Dec - NBD) .....	19590		
2	974	Lower Hutt, South of Korokoro Rd .....	35360		
2	978	Wellington, North of Ngauranga Interchange (Total) .....	71320		
2	978	Wellington, North of Ngauranga Interchange (Inc - SBD) .....	35580		
2	978	Wellington, North of Ngauranga Interchange (Dec - NBD) .....	35740		
2	979	NGAURANGA - Telemetry Site 3 - Flyover S/B .....	22020	TEL	3
2	979	NGAURANGA - Telemetry Site 4 - Flyover N/B .....	22080	TEL	2
2A	1	250m east of Cambridge Rd Roundabout .....	8530		
2B	2	Pandora Pond .....	7300		
2B	4	Westminster Ave .....	6030		
3	3	Hamilton, 285m past Dixon Rd .....	12190		
3	12	Hamilton, South of Airport Mystery Cr .....	10870		
3	27	200m south of Cambridge Rd roundabout .....	6500		
3	29	350m north of Saint Ledger Rd .....	11180		
3	30	150m north of McGhie Rd .....	10430		
3	34	105m north of Tokonui Rd .....	7530		
3	38	300m before Wharepuhanga Rd (Te Kawa Turnoff) .....	6060		
3	49	100m north of Kio Kio Station Rd .....	4850		
3	64	100m south of Mangapu #2 Bridge .....	6410		
3	66	800m past SH 37 (Waitomo Rd) .....	5890		
3	75	200m south of Carrol St .....	5020		
3	85	TE KUITI - Telemetry Site No 16 - North of 8 Mile Junction .....	4030	TEL	16
3	103	220m south of Hunts Rd (Piopio) .....	2050		
3	158	<b>Hamilton / Wanganui regional boundary</b>			
3	171	TONGAPORUTU BRIDGE - Telemetry Site 78 .....	2020	TEL	18
3	202	Waitoetoe .....	2760		
3	221	Motonui .....	4020		
3	223	Waitara Bypass .....	5830		
3	228	Waitara, East of SH 3A .....	11770		
3	230	Waitara, West of SH 3A .....	11060		
3	233	Bell Block .....	16190		
3	235	New Plymouth, East of Egmont Rd .....	21520		
3	237	New Plymouth, Smart Rd .....	26090		
3	238	New Plymouth, Waiwaka Tce .....	28860		
3	239	New Plymouth, Leach St (Inc - SBD) .....	14610		
3	239	New Plymouth, Courtenay St (Dec - NBD) .....	14250		
3	240	New Plymouth, Elliot St .....	13430		
3	241	New Plymouth, Coronation Ave .....	13430		
3	244	New Plymouth, Holy Oak Tce .....	8600		
3	257	Inglewood, Rata St .....	11620		
3	258	Inglewood, Matai St .....	7920		
3	259	South of Inglewood at Ngatoro Bridge .....	8260		
3	267	TARIKI - Telemetry Site 6 .....	7700	TEL	9
3	279	Stratford, Broadway .....	13900		
3	284	Stratford South, near Ngaere Rail O/B .....	7590		
3	290	Eltham .....	7220		
3	303	Normanby North .....	5580		
3	306	Hawera Racecourse .....	8070		
3	310	Hawera, South Rd .....	6270		
3	321	Mokoia, Manawapou River Br .....	3690		
3	337	Patea, Egmont St .....	4650		
3	353	Waverley North .....	3150		
3	370	WAITOTARA - Telemetry Site 5 - Near Russell Rd .....	3440	TEL	14
3	390	Wanganui North, near Mission Rd .....	4080		
3	396	Wanganui, Virginia Rd .....	7370		
3	399	Wanganui, London St .....	10850		
3	400	Wanganui, Carlton Ave .....	7090		

## Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
3	402	Wanganui, Cobham Bridge .....	8660		
3	403	Wanganui South, at Marybank .....	8850		
3	410	Wanganui South, near Marangai Rd .....	7310		
3	427	Turakina East, near Makirikiri .....	5330		
3	442	Bulls North, near Tutaenui Stream .....	6090		
3	450	Sanson East .....	8130		
3	458	Mt Stewart .....	6750		
3	465	Palmerston North West at Taonui Culvert .....	8310		
3	470	Palmerston North, east of Flyers Line .....	9860		
3	472	Rangitikei St Overbridge ( North of Tremaine Ave) .....	23220		
3	473	Rangitikei St ( North of Kawau Stream Bridge) .....	21830		
3	474	Grey St .....	11670		
3	475	708 Main St, west of Ruahine St (Total) .....	14510		
3	475	708 Main St, west of Ruahine St (Inc - SBD) .....	8770		
3	475	708 Main St, west of Ruahine St (Dec - NBD) .....	5740		
3	476	847 Main St, east of Fitzroy St (Total) .....	18530		
3	476	848 Main St, east of Fitzroy St (Inc - SBD) .....	11300		
3	476	848 Main St, east of Fitzroy St (Dec - NBD) .....	7230		
3	482	Palmerston North East, near Te Matai Rd .....	7980		
3	488	Ashhurst .....	6340		
3	489	MANAWATU GORGE - Telemetry Site 30 .....	6840	TEL	11
3A	1	Waitara, near Te Arei Rd .....	2510		
4	0	400m south of SH 3 junction .....	1710		
4	35	<b>Hamilton / Wanganui regional boundary</b>			
4	44	Mangatupoto, West of SH 40 .....	1590		
4	65	Taumararui North, near Okaihae Rd .....	1710		
4	74	Taumararui Wanganui River Br (Matapuna) .....	4270		
4	90	Owhango Rail Overbridge .....	1870		
4	113	Raurimu .....	1690		
4	133	HOROPITO - Telemetry Site 37 .....	1870	TEL	13
4	142	Waimarino .....	900		
4	164	Oreore .....	890		
4	189	Kakatahi, North of Lakes Hill Depot .....	1020		
4	218	Wanganui North at Upokongaro Stream Br (Aberfeldie) .....	1120		
4	226	UPOKONGARO - Telemetry Site 28 .....	1940	TEL	7
4	232	Wanganui, Pauls Rd .....	2380		
4	234	Wanganui, Aramoho Bridge .....	5560		
4	236	Wanganui, Kowhai Park .....	7680		
4	238	Wanganui, Putiki Dr Slip Lane .....	1600		
4	239	Wanganui, Airport Rd .....	2810		
5	0	East of SH 1 junction .....	3330		
5	5	56m past State Highway 28 (Whites Rd) .....	5100		
5	34	TARUKENGA - Telemetry Site 15 - 4.7km west of Dalbeth Rd .....	5170	TEL	14
5	47	Rotorua, 300m north of Fairy Springs .....	19990		
5	49	Sunset Rd (Total) .....	23320		
5	49	Sunset Rd (Inc - SBD) .....	11560		
5	49	Sunset Rd (Dec - NBD) .....	11760		
5	52	Rotorua, Devon St .....	8550		
5	55	Rotorua, Outside Whakarewarewa .....	12480		
5	57	WAIPA - Telemetry Site 41 - South of SH 30 .....	7260	TEL	14
5	82	South of Waiotapu Tavern .....	4880		
5	125	Wairakei, 98m north of SH 1 .....	4270		
5	138	Taupo, 278m east of Crown Rd .....	3730		
5	190	<b>Hamilton / Napier regional boundary</b>			
5	230	TE POHUE - Telemetry Site 23 - 1km north of Oakmere Station Gateway .....	2870	TEL	22
5	260	350m north of Weighpit .....	4070		
6	2	Blenheim West Colman Rd .....	10860		
6	9	Woodbourne Airbase .....	6190		
6	13	Gibson creek .....	3690		
6	18	Kaituna - Rock Falls sign .....	3360		
6	40	Havelock School speed sign .....	3780		
6	63	Bulford - Twidle culvert .....	2410		
6	100	HIRA - Telemetry Site No 36 .....	3170	TEL	16
6	114	Nelson Nth - Atawhai Cemetery .....	10410		
6	118	Basin Reserve (Rocks Rd) .....	20480		
6	122	STOKE - Telemetry Site 81 - Whakatu Dr at Songer St .....	20050	TEL	8
6	130	Richmond Three Bros Corner (Humes) .....	19070		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
6	135	Brightwater Wairoa River Bridge .....	9410		
6	138	Brightwater, Pitfure Bridge .....	6430		
6	144	Eighty Eight Valley Stream Bridge .....	3280		
6	153	Spooners Hill (Higgins Culvert) .....	1870		
6	232	MURCHISON - Telemetry Site 35 - North Longford Bridge .....	1720	TEL	16
6	242	Murchison town .....	2470		
6	248	Murchison, Dellows Bluff .....	1600		
6	269	<b>Wellington / Christchurch regional boundary</b>			
6	292	Inangahua, North of Township .....	880		
6	327	Buller Gorge Ten Mile Creek .....	890		
6	340	Coast Rd, South of Wilson Lead Rd .....	890		
6	398	PUNAKAIKI - Telemetry Site 39 - Just north of Canoe Creek .....	870	TEL	12
6	419	Rapahoe - North of Township .....	1260		
6	420	Runanga .....	2170		
6	426	North of Taylorville turnoff .....	3570		
6	428	Greymouth, North of Grey River Bridge .....	4690		
6	429	Greymouth, South of Grey River Bridge .....	10180		
6	430	Greymouth, East of Willis St .....	9620		
6	431	Greymouth, Tainui St near Puketahi St (Total) .....	11160		
6	431	Greymouth, Tainui St near Puketahi St (Inc - SBD) .....	5500		
6	431	Greymouth, Tainui St near Puketahi St (Dec - NBD) .....	5660		
6	433	Greymouth, High St - South of Nelson .....	8500		
6	435	Greymouth, Fernhill to Loris Place .....	6670		
6	438	Paroa, North of Paroa School .....	4710		
6	448	Kumara, North of Junction with SH 73 .....	3000		
6	454	CHESTERFIELD - Telemetry Site 70 .....	2470	TEL	13
6	468	Three Mile - North of Hokitika .....	3240		
6	471	Hokitika, Fitzherbert St South of Stafford .....	4740		
6	472	Hokitika, North of Golf Links and Arthurstown Rd .....	1890		
6	483	Ruatapu, South of Township (Bittern Creek) .....	1130		
6	501	Ross, at Fire Station .....	1150		
6	502	Ross, South of Township .....	800		
6	577	Whataroa, North end of township .....	1010		
6	609	Franz Josef, South of Fire Station .....	1420		
6	621	North of Omoeroa River Bridge .....	730		
6	751	Haast, South of Haast River .....	670		
6	760	Haast, West of Greenstone Creek .....	560		
6	814	<b>Christchurch / Dunedin regional boundary</b>			
6	853	Lake Wanaka Camp Creek Bridge .....	630		
6	880	Hawea, North of Dam .....	820		
6	882	Hawea, South of Dam .....	1520		
6	892	Albert Town - before SH 84 junction .....	3690		
6	894	Wanaka, South of Cardrona River Bridge .....	2740		
6	917	Albertburn - before Albertburn bridge .....	1330		
6	939	Lowburn .....	2190		
6	946	Cromwell .....	2790		
6	970	Gibston - before Gibston Rd .....	2810		
6	980	Swiftburn - past Swiftburn Culvert .....	3440		
6	983	Crown Range near Whitechapel Rd .....	4540		
6	991	Shotover - before Lower Shotover Rd .....	6950		
6	993	Frankton North East of Junction .....	9980		
6	996	Junction - Airport bet SH 6/6A and airport terminal road .....	11390		
6	997	Kawarau Falls Bridge .....	6220		
6	999	After Peninsula Rd .....	2850		
6	1000	Frankton South East of Junction .....	1780		
6	1076	Mid Dome .....	1570		
6	1086	Lowther, before Lowther Creek bridge .....	910		
6	1095	Lumsden .....	1550		
6	1117	Dipton .....	1440		
6	1140	Lady Barkly, before Winton Racecourse .....	2370		
6	1143	Between accesses to rest area .....	3940		
6	1147	WINTON - Telemetry Site 46 .....	4250	TEL	8
6	1148	Winton South .....	4160		
6	1168	Lorneville South of Junction With SH 99 .....	10120		
6	1174	North of Bainfield Rd .....	13930		
6	1175	North of Victoria Ave (Total) .....	26250		
6	1175	North of Victoria Ave (Inc - SBD) .....	13370		
6	1175	North of Victoria Ave (Dec - NBD) .....	12880		
6	1176	Before Don St .....	19100		
6A	2	Frankton Rd - Battery Hill .....	14220		

## Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
6A	6	Stanley St - Millenium Hotel .....	14830		
6C	1	Hayes Corner South .....	14840		
6C	4	Saxton Culvert (Freezing Works) .....	12500	Etd	
7	2	Waipara Straight, Northwest of Waipara Township .....	3250		
7	14	Waikari, Northwest of Township .....	2880		
7	26	Hurunui River .....			
7	41	Culverden .....	3370		
7	44	Red Post Corner, South of SH 70 Junction .....	2980		
7	67	Hamner, South of SH 7A Junction .....	2380		
7	108	LEWIS PASS - Telemetry Site 32 - At Engineers Camp .....	1030	TEL	9
7	183	East of Reefton .....	420		
7	194	Reefton, Near Cableway .....	640		
7	195	Reefton, Broadway just West of Smith St .....	1430		
7	196	Reefton, South of Inangahua River .....	1290		
7	239	AHAURA - Telemetry Site 40 - South of Bridge .....	1080	TEL	17
7	258	Stillwater - North of Arnold River Bridge .....	1500		
7	261	Brunner - West of Kiwi Overbridge .....	2250		
7	268	Kaiata - North of Greymouth East of Kaiata .....	2640		
7	272	Greymouth - Near End of SH 7 .....	3210		
7A	0	Hamner, North of SH 7 Junction .....	1480		
8	12	Pleasant Pt, West of Butlers Rd .....	3250		
8	55	Fairlie, Southeast of Town .....	1200		
8	58	Fairlie, Ayr to Denmark St .....	2130		
8	64	Fairlie, Just east of Kimbell Township .....	1690		
8	98	Tekapo, East of Township at Lookout Entry .....	1530		
8	100	Tekapo, on bridge .....	1970		
8	113	North of Irishman's Creek Rd at ERP .....	1130		
8	149	Pukaki, South West of SH 80 Junction .....	1660		
8	159	<b>Christchurch / Dunedin regional boundary</b>			
8	180	Omarama, before Quailburn Rd .....	1340		
8	186	Omarama, Southwest of Township .....	1370		
8	262	Tarras, North of SH 8A .....	1310		
8	279	Bendigo .....	1100		
8	313	Cromwell Gorge .....	3240		
8	325	Alexandra to Clyde .....	4580		
8	336	ALEXANDRA - Telemetry Site 44 - South Near Butchers Dam .....	2040	TEL	8
8	362	Roxburgh, near Coal Creek .....	2210		
8	394	Raes Junction, North of SH 90 Island Block .....	1750		
8	412	Raes Junction, East SH 90 Craigellachie .....	1400		
8	459	Milton Junction with SH 1, Clarkesville .....	1940		
8A	2	Tarras .....	630		
8A	6	Maori Point - past Maori Point Rd .....	690		
8A	19	Luggate Bridge .....	790		
8B	0	Cromwell, Deadman's Point Bridge .....	3720		
8B	2	Cromwell, near SH 6 Junction .....	3930		
10	7	South of Puketona Junction .....	3190		
10	11	North of Wakelin Rd .....	6020		
10	29	Takou Bay Rd .....	3130		
10	60	North of Salvation Rd .....	1600		
10	76	West of Stratford Dr .....	3530		
10	92	East of Lake Ohia Bridge .....	2510		
11	4	South of Taumarere Bridge .....	2620		
11	13	North of Waimangaro Rd .....	4110		
12	4	Sth of Old School Rd .....	3450		
12	10	West of Quarry Rd .....	6440		
12	27	South of Rakauwahia Rd .....	1350		
12	62	West of Waiotemarama Gorge Rd .....	1230		
12	79	South of Weka Weka Rd .....	470		
12	89	East of Wairau River Bridge .....	330		
12	114	West of Aranga Station Rd .....	510		
12	125	South of Kaihu .....	840		
12	141	West of Babylon Coast Rd .....	1050		

**Transit New Zealand Traffic Volumes 2003**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
12	151	East of Beach Rd .....	5370		
12	163	North Curnows Culvert .....	1710		
12	198	East of Ararua Rd .....	1750		
12	214	East of Blakey Rd .....	2540		
12	220	East of Brynderwyn Bridge .....	2610		
14	0	East of Te Mai Rd .....	18280		
14	2	West of Kowhai Park Rd .....	9300		
14	9	East of Kara Rd .....	5510		
14	34	South of Kirikopuni Rd .....	1700		
14	52	North of Te Wharau Rd .....	2030		
15	1	North of Limeburners Creek Bridge .....	7210		
15	4	North of Hewlett St .....	6790		
16	3	Grafton Rd SH1 On Ramp to SH1 Northwestern Link On Ramp .....	8070		
16	3	Grafton Rd SH1 Off Ramp to SH1 Southern Link Off Ramp .....	8900		
16	3	N/W Motorway SH1 Northwestern Link On Ramp .....	20770		
16	4	N/W Motorway SH1 Southern Link Off Ramp .....	19450		
16	4	N/W Motorway SH1 Link On Ramp to Hobson St On Ramp .....	28840		
16	4	N/W Motorway SH1 Link Off Ramp to Nelson St Off Ramp .....	28340		
16	4	N/W Motorway Hobson St On Ramp Westbound .....	20520		
16	4	N/W Motorway Nelson St Off Ramp Eastbound .....	18070		
16	4	N/W Motorway SH1 Southern Link to Nelson St Off Ramp .....	28340		
16	4	N/W Motorway Nelson St On Ramp to Newton Rd On Ramp .....	49360		
16	4	N/W Motorway Nelson St Off Ramp to Newton Rd Off Ramp .....	46400		
16	4	N/W Motorway Newton Rd On Ramp Westbound .....	9420		
16	4	N/W Motorway Newton Rd Off Ramp Eastbound .....	11880		
16	5	N/W Motorway Newton Rd to St Lukes Rd Westbound .....	59010		
16	5	N/W Motorway Newton Rd to St Lukes Rd Eastbound .....	57420		
16	6	N/W Motorway St Lukes Rd Interchange Westbound .....	44540	ATMS	
16	6	N/W Motorway St Lukes Rd Interchange Eastbound .....	44770	ATMS	
16	6	N/W Motorway St Lukes Rd On Ramp Westbound .....	8830		
16	6	N/W Motorway St Lukes Rd Off Ramp Eastbound .....	6270		
16	6	N/W Motorway St Lukes Rd On Ramp Eastbound .....	12650	ATMS	
16	6	N/W Motorway St Lukes Rd Off Ramp Westbound .....	14470	ATMS	
16	7	N/W Motorway St Lukes Rd to Great North Rd Westbound .....	53370		
16	7	N/W Motorway St Lukes Rd to Great North Rd Eastbound .....	51040		
16	8	N/W Motorway Great North Rd Interchange Westbound .....	34560	ATMS	
16	9	N/W Motorway Great North Rd Interchange Eastbound .....	35550	ATMS	
16	7	N/W Motorway Great North Rd On Ramp Westbound .....	10090		
16	9	N/W Motorway Great North Rd Off Ramp Eastbound .....	10510		
16	9	N/W Motorway Great North Rd On Ramp Eastbound .....	16190	ATMS	
16	8	N/W Motorway Great North Rd Off Ramp Westbound .....	19260		
16	8	N/W Motorway Great North Rd to Rosebank Rd Westbound .....	44650		
16	8	N/W Motorway Great North Rd to Rosebank Rd Eastbound .....	45450		
16	8	N/W Motorway Rosebank Rd On Ramp Eastbound .....	4960		
16	9	N/W Motorway Rosebank Rd Off Ramp Westbound .....	4880		
16	9	N/W Motorway Rosebank Rd to Patiki Rd Westbound .....	39780		
16	9	N/W Motorway Rosebank Rd to Patiki Rd Eastbound .....	40490		
16	10	N/W Motorway Patiki Rd On Ramp Westbound .....	7610		
16	10	N/W Motorway Patiki Rd Off Ramp Eastbound .....	6610		
16	10	N/W Motorway Patiki Rd to Te Atatu Rd Westbound .....	47390		
16	10	N/W Motorway Patiki Rd to Te Atatu Rd Eastbound .....	47100		
16	11	Te Atatu Rd - mid interchange .....	69920		
16	11	Lincoln Rd - mid interchange .....	39130		
16	11	N/W Motorway Te Atatu Rd Interchange Westbound .....	28710	ATMS	
16	11	N/W Motorway Te Atatu Rd Interchange Eastbound .....	41200	ATMS	
16	11	N/W Motorway Te Atatu Rd Off Ramp to Te Atatu North On Ramp Eastbound .....	27000	Etd	
16	11	N/W Motorway Te Atatu Rd On Ramp Westbound .....	6190		
16	11	N/W Motorway Te Atatu Rd Off Ramp Eastbound .....	6360		
16	11	N/W Motorway Te Atatu South On Ramp Eastbound .....	12860	ATMS	
16	11	N/W Motorway Te Atatu North On Ramp Eastbound .....	5900		
16	11	N/W Motorway Te Atatu Rd Off Ramp Westbound .....	18680	ATMS	
16	12	N/W Motorway Te Atatu Rd to Lincoln Rd Westbound .....	34970		
16	12	N/W Motorway Te Atatu Rd to Lincoln Rd Eastbound .....	34590		
16	13	N/W Motorway Lincoln Rd Interchange Westbound .....	19450	ATMS	
16	13	N/W Motorway Lincoln Rd Interchange Eastbound .....	19680	ATMS	
16	13	N/W Motorway Lincoln Rd On Ramp Westbound .....	9020		
16	13	N/W Motorway Lincoln Rd Off Ramp Eastbound .....	6980		
16	13	N/W Motorway Lincoln Rd On Ramp Eastbound .....	14920	ATMS	

**Transit New Zealand Traffic Volumes 2003**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
16	13	N/W Motorway Lincoln Rd Off Ramp Westbound .....	15510	ATMS	
16	14	N/W Motorway Lincoln Rd to Royal Rd Westbound .....	28470		
16	14	N/W Motorway Lincoln Rd to Royal Rd Eastbound .....	26650		
16	15	N/W Motorway Royal Rd On Ramp Eastbound .....	7770		
16	15	N/W Motorway Royal Rd Off Ramp Westbound .....	7650		
16	16	N/W Motorway Royal Rd to Hobsonville Rd Westbound .....	20880		
16	16	N/W Motorway Royal Rd to Hobsonville Rd Eastbound .....	19980		
16	16	Royal Rd to Hobsonville Rd .....	40850		
16	20	West of Dunlop Rd .....	23300		
16	21	South of Coatesville Riverhead Rd .....	24300		
16	24	North of Coatesville Riverhead Rd .....	20010		
16	29	South of Joyce Adams Pl .....	12220		
16	46	South of Parkhurst Rd .....	4870		
16	48	West of Helensville Rail Bridge .....	6530		
16	55	West of Inland Rd .....	2940		
16	58	Kaulapakapa Bridge .....	3900	CON	
16	92	Tauhou Bridge .....	1380		
17	21	North of Kahikatea Flat Rd .....	5490		
17	25	North of Durey Rd .....	6620		
17	29	South of Coatesville Riverhead Rd .....	11340		
17	31	South of The Avenue .....	17290		
17	32	North of Bush Rd .....	16940		
18	2	West of Unsworth Dr .....	14150		
18	2	West of Unsworth Dr .....	28570		
18	4	West of Albany Highway .....	29780		
18	5	West of Greenhithe Rd .....	24470		
18	7	Upper Harbour Bridge .....	24570		
18	14	End of SH 18, East of SH 16 .....	36750		
20	0	West of Great South Rd .....	25120	Etd	
20	2	East of Ash Rd .....	26380	Etd	
20	5	North of Vogler Dr .....	40750		
20	7	S/W Motorway Puhinui to Massey Rd Northbound .....	19000	Etd	
20	7	S/W Motorway Puhinui to Massey Rd Southbound .....	18000	Etd	
20	7	S/W Motorway Puhinui Rd to Massey Rd .....	37000	Etd	
20	9	S/W Motorway Massey Rd Interchange Northbound .....	12000	Etd	
20	9	S/W Motorway Massey Rd Interchange Southbound .....	12000	Etd	
20	9	S/W Motorway Massey Rd On Ramp Northbound .....	5050		
20	9	S/W Motorway Massey Rd Off Ramp Southbound .....	4520		
20	9	S/W Motorway Massey Rd On Ramp Southbound .....	6940		
20	9	S/W Motorway Massey Rd Off Ramp Northbound .....	5920		
20	10	S/W Motorway Massey Rd to 20A Off Ramp Northbound .....	16540	Etd	
20	10	S/W Motorway Massey Rd to 20A Southbound .....	15310	Etd	
20	10	S/W Motorway 20A Off Ramp Northbound to 20A On Ramp Northbound .....	15230	Etd	
20	10	S/W Motorway 20A Off Ramp Northbound .....	1110		
20	11	S/W Motorway 20A Northbound to Coronation Rd .....	28990	Etd	
20	11	S/W Motorway 20A Southbound to Walmsley Rd .....	29380	Etd	
20	12	S/W Motorway Coronation/Walmsley Rd Interchange Northbound .....	25940	Etd	
20	12	S/W Motorway Coronation/Walmsley Rd Interchange Southbound .....	26840	Etd	
20	12	S/W Motorway Coronation Rd On Ramp Northbound .....	4470		
20	11	S/W Motorway Walmsley Rd Off Ramp Southbound .....	3910		
20	11	S/W Motorway Walmsley Rd On Ramp Southbound .....	4040		
20	12	S/W Motorway Coronation Rd Off Ramp Northbound .....	3310		
20	13	S/W Motorway Coronation Rd to Rimu Rd Northbound .....	31630	ATMS	
20	13	S/W Motorway Coronation Rd to Rimu Rd Southbound .....	32380	ATMS	
20	13	S/W Motorway Rimu Rd On Ramp Northbound .....	10510	ATMS	
20	13	S/W Motorway Rimu Rd Off Ramp Southbound .....	10290	ATMS	
20	14	S/W Motorway Rimu Rd to Neilson St Northbound .....	42000	Etd	
20	14	S/W Motorway Rimu Rd to Neilson St Southbound .....	41000	Etd	
20	15	S/W Motorway Neilson St Interchange Northbound .....	33200		
20	15	S/W Motorway Neilson St Interchange Southbound .....	27000	Etd	
20	15	S/W Motorway Neilson St On Ramp Northbound .....	3150		
20	15	S/W Motorway Neilson St Off Ramp Southbound .....	5480		
20	15	S/W Motorway Neilson St On Ramp Southbound .....	14030		
20	15	S/W Motorway Neilson St Off Ramp Northbound .....	12070		
20	16	S/W Motorway Neilson St to Queenstown Rd Northbound .....	30050		
20	16	S/W Motorway Neilson St to Queenstown Rd Southbound .....	30640		
20	16	S/W Motorway Queenstown Rd On Ramp Southbound .....	10190		
20	16	S/W Motorway Queenstown Rd Off Ramp Northbound .....	12510		

**Transit New Zealand Traffic Volumes 2003**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
20	17	Hillsborough to Queenstown .....	51800		
20	17	S/W Motorway Queenstown Rd to Hillsborough Rd Northbound .....	24290		
20	17	S/W Motorway Queenstown Rd to Hillsborough Rd Southbound .....	27510		
20A	1	Hall Avenue Footbridge to SH20 On Ramp Westbound .....	13800	Etd	
20A	1	Hall Avenue Footbridge to Bader Dr Off Ramp Eastbound .....	13340	Etd	
20A	1	SH20 On Ramp Westbound .....	1110		
20A	1	SH20A Bader Dr Off Ramp Eastbound .....	720		
20A	2	SH20 On Ramp to Kirkbride Rd .....	17570		
20A	2	Bader Dr Off Ramp to Kirkbride Rd .....	16440		
20A	3	North of Nixon Rd .....	39540		
21	0	225m south of 2nd Roundabout .....	5070		
21	4	55m past Lochiel Rd .....	4770		
21	7	145m before SH 3 .....	4020		
22	0	East of Great South Rd .....	19630		
22	3	West of Oira Rd .....	16450		
22	8	North of Wesley College .....	10200		
22	10	Paerata, North of Heights Rd .....	10120		
23	0	20m west of Hawk St .....	12610		
23	4	Hamilton, East of Newcastle Rd .....	10000		
23	9	680m before Kakaramea Rd .....	4980		
23	11	200m west of Maori Point Rd .....	5640		
23	37	90m before Wrights Rd .....	2990		
24	1	220m past Tower Rd Roundabout .....	7750		
24	13	140m before State Highway 29 .....	2950		
25	0	160m past State Highway 2 (Dalgetys Cnr) .....	3450		
25	21	335m before Hauraki Rd .....	4810		
25	23	300m past 2nd Abut Kopu Bridge (Waihou River) .....	8200		
25	28	300m south of Kauaeranga Bridge .....	12350		
25	36	Speed Restriction Sign (Whakatete Bay South end) .....	3860		
25	49	Speed Restriction Sign (Tapu Township South end) .....	2030		
25	72	300m past Goldfields Rd .....	1550		
25	98	12m before 1st Abut Opiotui Stream Bridge .....	700		
25	123	340m past Speed Restriction Sign (Wharekaho North end) .....	1140		
25	128	Past Racecourse Rd .....	3030		
25	137	160m before 309 Rd .....	2100		
25	157	790m past Cooks Beach Rd .....	1830		
25	177	Swampy Stream Bridge .....	2390		
25	185	65m before State Highway 25A .....	3110		
25	188	200m past State Highway 25A .....	1550		
25	209	South of Harry Watt Dr .....	510		
25	240	Waihi, North of Gladstone Rd .....	1950		
25A	11	NEEVESVILLE - Telemetry Site 76 - 400m before Coromandel Forest Park Sign .....	3390	TEL	8
26	0	10m east of Mullins St .....	11640		
26	2	Between Lissette Rd and Railway Crossing .....	5260		
26	9	700m east of Platt Rd .....	4590		
26	22	865m before Piako Rd (Motumaoho) .....	4560		
26	23	150m east of Piako Rd .....	8060		
26	34	100m west of SH 27 junction .....	5680		
26	38	250m east of No 7 Rd, Waitoa .....	4470		
26	55	515m past Patuwahao Stream Bridge .....	2000		
26	67	Paeroa, LSZ Sign past Ryall Rd .....	4100		
26	75	Paeroa, 380m past Komata Stream Br .....	2770		
26	96	200m south of SH 25 Junction .....	6680		
27	11	KAIHERE - Telemetry Site 33 .....	4800	TEL	19
27	45	300m north of SH 26 (Tatuanui) .....	4920		
27	46	300m south of SH 26 (Tatuanui) .....	5030		
27	65	At Airport Entrance .....	7670		
27	67	200m south of Wardville Rd .....	8580		
27	75	Matamata College .....	6860		
27	82	600m north of SH 29 Junction .....	3850		
27	83	320m past SH 29 Junction .....	3780		

## Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
28	0	163m past SH 1 (Putaruru) .....	2280		
28	9	245m past SH 5 (Whites Rd) .....	2990		
28	24	105m before SH 29 .....	1470		
29	1	370m past Maru St (Bell Plumbing) .....	24230		
29	3	Spur Ave .....	33210		
29	4	55m Past Exeter St .....	25160		
29	13	50m west of Hairini Roundabout (Inc - SBD) .....	14410		
29	13	50m west of Hairini Roundabout (Dec - NBD) .....	7640		
29	17	Tauranga, 215m past Oropi Rd .....	10070		
29	20	Tauranga, 535m before Passing Lane LHS (East of Cambridge Rd) .....	12110		
29	34	KAIMAI - Telemetry Site 12 - 100m past Boulder Bridge (Kaukumoutiti Stream) .....	8660	TEL	12
29	49	500m south of Matamata Rd .....	7300		
29	51	400m east of Waimou Bridge .....	4290		
29	57	450m east of McNab Rd .....	4460		
29	63	350m west of Rail Crossing (Hinuera Rugby Club) .....	4500		
29	69	200m south of Totman Rd .....	5520		
30	35	918m past Manaiti St (Bennydale) .....	690		
30	75	100m north of McLean Rd .....	960		
30	84	90m before State Highway 32 (Whakamaru) .....	2200		
30	110	133m past SH 1 junction .....	2250		
30	141	Rotorua, South of City Dump .....	3140		
30	144	Froude St .....	11340		
30	149	TE NGAE - Telemetry Site 64 - East End of Puarenga Bridge (Total) .....	35190	TEL	6
30	149	TE NGAE - Telemetry Site 64 - East End of Puarenga Bridge (Inc - EBD) .....	17450	TEL	6
30	149	TE NGAE - Telemetry Site 64 - East End of Puarenga Bridge (Dec - WBD) .....	17740	TEL	6
30	157	385m before SH 33 .....	11090		
30	160	East of SH 33 junction .....	4120		
30	188	LAKE ROTOMA - Telemetry Site 22 - West of Kawarau Loop Rd .....	2950	TEL	11
30	205	107m before SH 34 (Military Rd) .....	2270		
30	218	265m before SH 2 (Awakeri) .....	5580		
30	220	805m north of SH 2 (Te Rahu Bridge) .....	7490		
30	229	North end of Landing Rd Bridge (Whakatane) .....	14900		
30A	0	200m north of Pukuatua St .....	12860		
30A	2	420m south of Fenton St (Inc - SBD) .....	11710		
30A	2	400m south of Fenton St (Dec - NBD) .....	12020		
31	13	Otorohanga, 130m before Symes Rd .....	2150		
31	14	Otorohanga, 100m past Symes Rd .....	300		
31	22	500m west of Ngutunui Rd .....	650		
32	28	230m before Whakamaru Dam .....	1280		
32	29	Past Ongarato Rd .....	2000		
32	41	55m before Poihipi Rd .....	1250		
32	74	WEST TAUPO - Telemetry Site 43 .....	690	TEL	7
33	3	Te Ngae, 230m north of Okawa Bay Rd .....	6120		
33	30	PAENGAROA - Telemetry Site 14 - South of Maungarangi Rd .....	4360	TEL	17
34	0	220m south of SH 2 Intersection .....	1230		
34	11	195m south of SH 30 East .....	5670		
34	25	230m before SH 30 West .....	1150		
35	6	475m past Wairakia Rd (Tirohanga) .....	1960		
35	53	Forest Rd .....	610		
35	69	1588 past Church Rd (Te Kaha) .....	860		
35	124	<b>Hamilton / Napier regional boundary</b>			
35	181	450m south of Poroporo Bridge .....	460		
35	237	100m south of Marotiri Culvert .....	850		
35	272	60m south of Dosli BM GF 82 .....	1110		
35	274	Uawa River Bridge .....	2020		
35	293	Tologa Bay Mangakuri Bridge .....	1180		
35	314	200m north of Motel .....	1720		
35	319	200m south of Top of Makorori Hill .....	2530		
35	321	Hamanatua Bridge .....	4650		
35	324	Gisborne City boundary .....	6350		
35	327	South of Harris Stret .....	16320		
35	328	60m south of Watties overhead bridge .....	3580		
35	332	170m north of runway lighting towers (LHS) .....	3300		

## Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
37	0	115m past State Highway 3 (Waitomo) .....	1380		
38	0	165m east of SH 5 (Waiotapu) .....	2480		
38	35	50m south of Forestry Rd overbridge .....	1180		
38	39	490m south of Troutbeck Rd .....	430		
		<b>Hamilton / Napier regional boundary</b>			
38	170	Mangakino Stream Bridge .....	320		
38	185	Chapmans Culvert .....	560		
38	192	Paeroa Stock Rd .....	1680		
39	3	100m past twin culvert bridge ERP 0/3.46 .....	2700		
39	24	200m past Goile Rd Intersection (North) .....	2660		
39	34	100m before Meadway Rd Intersection .....	4610		
39	52	400m past Mangati Rd Intersection .....	2530		
39	58	200m before SH 31 Intersection .....	1990		
41	1	Taumaranui, near Burnands Rd .....	910		
41	10	Taumaranui East, near Williamsons Rd .....	620		
41	23	<b>Wanganui / Hamilton regional boundary</b>			
41	29	50m east of Moerangi Rd .....	540		
41	49	Tokaanu, bottom of Waihi Hill .....	1600		
41	57	500m past SH 47 Junction .....	3000		
43	6	Stratford East .....	1250		
43	14	Toko, East of Gordon Rd .....	610		
43	36	Te Wera .....	200		
43	65	Whangamomona .....	160		
43	111	Ohura, South of River Rd .....	140		
43	117	West of Tokorima .....	210		
43	136	West of Te Maire Bluff .....	290		
43	148	West of Manaia Rd .....	370		
45	1	SH 45, Vivian St .....	14830		
45	1	SH 45, Powderham St .....	14400		
45	3	New Plymouth, Sea View Rd .....	13180		
45	5	New Plymouth, Spotswood .....	12710		
45	8	New Plymouth West, near Hurford Rd .....	6240		
45	19	Weld Rd .....	3030		
45	28	Okato Stony River Bridge .....	2020		
45	58	Opunake West, near Opua Rd .....	1550		
45	62	Opunake .....	3100		
45	71	Pihama, near Ouri Stream Bridge .....	1060		
45	101	HAWERA - Telemetry Site 71 - Ohawe Beach Rd .....	3810	TEL	9
46	0	90m past State Highway 1 (Rangipo) .....	490		
47	0	National Park East of SH 4 .....	1980		
47	9	North of SH 48 (Chateau Turnoff) .....	2250		
47	26	Te Rata School (Otukou Jn) .....	910		
47	29	<b>Wanganui / Hamilton regional boundary</b>			
47	46	242m before State Highway 41 .....	1250		
48	4	Whakapapa-Nui Stream .....	2040		
49	8	West of Ohakune .....	1470		
49	11	Ohakune East (East of ex SH 49A) .....	2040		
49	38	Waiouru West of SH 1 .....	1500		
50	0	Port of Napier Gate 3 .....	5000		
50	4	Taradale Rd, 200m north of Maadi Rd (Total) .....	12630		
50	4	Taradale Rd, 200m north of Maadi Rd (Inc - SBD) .....	6350		
50	4	Taradale Rd, 200m north of Maadi Rd (Dec - NBD) .....	6280		
50	6	Napier Hastings Ex'way - Taradale Rd to Kennedy Rd .....	7690		
50	7	Napier Hastings Ex'way - Kennedy Rd to Meanee Rd .....	11920		
50	10	TUTA EKURI - Telemetry Site 58 - 50m north of Tutaekuri River Bridge .....	18610	TEL	6
50	14	200m south of Omaranui Rd .....	3280		
50	17	North Abutment Ngaruroro River Bridge .....	4890		
50	19	South of Omahu Rd .....	2620		
50	30	120m north of Valley Rd .....	2300		
50	52	<b>Hastings/Central Hawkes Bay Boundary</b>			

**Transit New Zealand Traffic Volumes 2003**

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
50	89	400m south of Makaretu River Br .....	1040		
50A	7	Omahu Rd .....	10500		
50A	14	South of Longlands Rd .....	4840		
53	1	Featherston, West of Donalds Bridge .....	1940		
53	16	Martinborough, West of Princess St .....	2330		
54	3	South of Sandon Block Rd .....	900		
54	15	North of Waituna West .....	920		
54	28	North of Cheltenham .....	1110		
54	31	North of Almadale Rd .....	2350		
54	39	Kiwitea Stream .....	4330		
54	41	Kimbolton Rd (Total) .....	7220		
54	41	Kimbolton Rd (inc - SBD) .....	3630		
54	41	Kimbolton Rd (Dec - NBD) .....	3590		
54	44	South of Aorangi Bridge .....	12760		
54	50	Ta Arakura .....	6730		
54	55	Kairanga - Bunnythorpe .....	3260		
56	1	Ngui Rd .....	3780		
56	19	Longburn .....	5690		
56	23	Mangaone Bridge .....	9090		
57	2	Levin, Kimberley Rd .....	4230		
57	10	Levin, Tavistock Rd .....	7270		
57	24	Shannon North .....	6910		
57	33	Tokomaru River Bridge .....	3020		
57	42	Tane Rd .....	4360		
57	46	North of Linton .....	7730		
57	48	Tiritea .....	1960		
57	50	Aokautere Dr .....	7460		
57	59	Orrs Rd .....	1980		
58	0	West of SH 2 (Haywards Hill) .....	13100		
58	9	PAUAHATANUI EAST - Telemetry Site 73 - Opposite Timber Mill .....	12830	TEL	6
58	11	Pauatahanui, west of James Cook Dr .....	7930		
58	15	Paremata near SH 1, Opposite Boat Sheds .....	13730		
60	0	Richmond, northwest of SH 6 at Appleby Overbridge .....	8110		
60	8	Research Orchard Rd .....	7680		
60	34	Motueka, Shell Garage .....	13030		
60	36	Motueka, North of Borough .....	6630		
60	44	Takaka Hill, Riwaka Valley Rd .....	1220		
60	91	Takaka, Reilly St .....	3680		
60	96	Takaka, Waitapu Br (Rangihaeata) .....	1960		
63	0	Renwick, Brydon St .....	2300		
63	4	Renwick, Waihopai .....	1400		
63	29	Anderson Bridge .....	600		
63	91	St Arnaud speed sign .....	550		
63	116	Kawitiri, Upper Buller River .....	310		
65	72	Springs Junction North .....	900		
67	0	Westport, North of SH 6 Junction .....	1580		
67	5	Westport, North of SH 67A Junction and South of Buller River .....	4100		
67	9	Westport, North of Orowaiti River .....	2050		
67	22	Waimangaroa, South of Township .....	1210		
67	31	Granity, South of Little Ditch Stream .....	860		
67	38	Granity Township .....	900		
67	48	South of Waimarie Junction .....	340		
67	51	North of Mokihinui River .....	150		
67A	0	Westport, North of SH 67 Junction .....	1880		
69	0	Inangahua Junction, South of SH 6 .....	800		
69	29	Reefton, North of Burkes Creek .....	900		
69	32	Reefton, Buller Rd north of Potter St .....	1660		
70	18	Waiiau, South of Waiiau River .....	720		

# Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
71	1	Lineside Rd, NW of Kaiapoi .....	11070		
73	0	Christchurch, Brougham St - West of Waltham (Total) .....	34000		
73	0	Christchurch, Brougham St - West of Waltham (Inc - WBD) .....	17800		
73	0	Christchurch, Brougham St - West of Waltham (Dec - EBD) .....	16200		
73	1	Christchurch, Brougham St - West of Montreal St (Total) .....	33710		
73	1	Christchurch, Brougham St - West of Montreal St (Inc - NBD) .....	17050		
73	1	Christchurch, Brougham St - West of Montreal St (Dec - SBD) .....	16660		
73	2	Christchurch, Jerrold St (Total) .....	29630		
73	2	Christchurch, Jerrold St (Inc - WBD) .....	14700		
73	2	Christchurch, Jerrold St (Dec - EBD) .....	14930		
73	4	Christchurch, Southern M'Way - West of Wrights Rd Underpass .....	22100	CON	10
73	7	Christchurch, Curletts Rd - South of Blenheim Rd (Total) .....	33250		
73	7	Christchurch, Curletts Rd - South of Blenheim Rd (Inc - NBD) .....	16410		
73	7	Christchurch, Curletts Rd - South of Blenheim Rd (Dec - SBD) .....	16840		
73	8	Christchurch, Blenheim Rd - West of Curletts Rd (Total) .....	33330		
73	8	Christchurch, Blenheim Rd - West of Curletts Rd (Inc - NBD) .....	16870		
73	8	Christchurch, Blenheim Rd - West of Curletts Rd (Dec - SBD) .....	16460		
73	9	Christchurch, Main Stn Rd - North of Springs Rd (Total) .....	40410		
73	9	Christchurch, Main Stn Rd - North of Springs Rd (Inc - WBD) .....	20140		
73	9	Christchurch, Main Stn Rd - North of Springs Rd (Dec - EBD) .....	20270		
73	10	Christchurch, Main Stn Rd - South of Springs Rd (Total) .....	24840		
73	10	Christchurch, Main Stn Rd - South of Springs Rd (Inc - NBD) .....	12670		
73	10	Christchurch, Main Stn Rd - South of Springs Rd (Dec - SBD) .....	12170		
73	15	Christchurch, Yaldhurst Rd - West of SH 1 .....	11400		
73	17	Yaldhurst Rd, East of Old West Coast Rd .....	7410		
73	22	West Melton, East of Dawsons Rd .....	5790		
73	26	Aylesbury, East of Aylesbury Corner .....	3730		
73	27	Aylesbury, West of Aylesbury Corner .....	3010		
73	41	Darfield - Between Russell St and Clinton Rd .....	3730		
73	43	Darfield - West of SH 77 Junction and East of Route 72 Junction .....	1690		
73	64	SPRINGFIELD - Telemetry Site 11 - West of Township .....	1550	TEL	9
73	93	Castle Hill Straight .....	1410		
73	142	Halpins Creek Bridge .....	1130		
73	146	Arthurs Pass Village - Counter Housed Courtesy Dept of Conservation .....	1410	CON	9
73	159	Otira, South of Otira River .....	1160	CON	11
73	191	East of Taipo River .....	920		
73	225	Kumara Junction East .....	1600		
74	2	Christchurch - Main North Rd - Styx - South of Radcliffe Rd .....	28080		
74	3	Christchurch - Main North Rd South of Tuckers Rd (Total) .....	27940		
74	3	Christchurch - Main North Rd South of Tuckers Rd (Inc - SBD) .....	13550		
74	3	Christchurch - Main North Rd South of Tuckers Rd (Dec - NBD) .....	14390		
74	4	Christchurch - Main North Rd (Total) .....	34280		
74	4	Christchurch - Main North Rd, South of Northcote Rd (Inc - SBD) .....	16800		
74	4	Christchurch - Main North Rd, South of Northcote Rd (Dec - NBD) .....	17480		
74	5	Christchurch - Cranford St - Rural Section No. 472 .....	20290		
74	6	CHRISTCHURCH - Telemetry Site 59 - Cranford St .....	21970	TEL	2
74	7	Christchurch - Cranford St, Between Berwick St and Edgware Rd .....	18360		
74	8	Christchurch - Sherborne St, Between Canon and Purchas Sts .....	11220		
74	9	Christchurch - Bealey Ave, West of Manchester St (Total) .....	35550		
74	9	Christchurch - Bealey Ave, West of Manchester St (Inc - SBD) .....	18820		
74	9	Christchurch - Bealey Ave, West of Manchester St (Dec - NBD) .....	16730		
74	9A	Christchurch - Bealey Ave, between Madras and Barbadoes (Inc - SBD) .....	19310		
74	9A	Christchurch - Bealey Ave, between Madras and Barbadoes (Dec - NBD) .....	20180		
74	10	Christchurch - Barbadoes St, South of Gloucester St (Inc - SBD) .....	14370		
74	10	Christchurch - Madras St, Between Gloucester and Kilmore Sts (Dec - NBD) .....	13840		
74	11	Christchurch - Moorhouse Ave, East of Madras St (Total) .....	37320		
74	11	Christchurch - Moorhouse Ave, East of Madras St (Inc - SBD) .....	13600		
74	11	Christchurch - Moorhouse Ave, East of Madras St (Dec - NBD) .....	23720		
74	12	Christchurch - Waltham Rd, South of Moorhouse Ave (Total) .....	16550		
74	12	Christchurch - Waltham Rd, South of Moorhouse Ave (Inc - SBD) .....	9350		
74	12	Christchurch - Waltham Rd, South of Moorhouse Ave (Dec - NBD) .....	7200		
74	12A	Christchurch - Brougham St, East of Waltham Rd (Total) .....	27310		
74	12A	Christchurch - Brougham St, East of Waltham Rd (Inc - SBD) .....	13570		
74	12A	Christchurch - Brougham St, East of Waltham Rd (Dec - NBD) .....	13740		
74	13	Christchurch - Brougham St, East of Opawa Rd (Total) .....	27500		
74	13	Christchurch - Brougham St, East of Opawa Rd (Inc - SBD) .....	14100		
74	13	Christchurch - Brougham St, East of Opawa Rd (Dec - NBD) .....	13400		
74	14	Christchurch - Brougham St, East of Ensors Rd .....	17520		

## Transit New Zealand      Traffic Volumes      2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
74	15	Christchurch - Opawa Rd South, East of Garlands Rd .....	8940		
74	16	Christchurch - Port Hills Rd, southeast of Curries Rd .....	9840		
74	17	Christchurch - Port Hills Rd, southeast of Chapmans Rd .....	9040		
74	17	Tunnel Rd Interchange, Scruttons Rd (Inc - SBD) .....	2670		
74	17	Tunnel Rd Interchange, Scruttons Rd (Dec - NBD) .....	2560		
74	17	Tunnel Rd - Railway Overbridge .....	6710		
74	17	Tunnel Rd - Between Port Hills Interchange Ramps .....	4190		
74	17	Tunnel Rd On Ramp (Inc) .....	2090		
74	17	Tunnel Rd On Ramp (Dec) .....	2090		
74	18	Christchurch - Tunnel Rd, South of Port Hills Rd Interchange .....	8700		
74	20	Christchurch - Tunnel Portal at Heathcote .....	11090		
74	22	Lyttelton - Norwich Quay, Opposite Shell Service Station .....	7440		
75	1	Christchurch - Northwest of Curletts River Bridge .....	11420		
75	2	Christchurch - Halswell Rd, North of Tankerville Rd .....	22100		
75	4	Christchurch - Halswell Rd, North of Dunbars Rd .....	17420		
75	5	Christchurch - Halswell Rd South of Nicholls Rd .....	8580		
75	6	Christchurch - Halswell Rd South of Halswell Junction Rd .....	9240		
75	7	Christchurch - Halswell Rd, South of Glovers Rd .....	6870		
75	8	Halswell Rd - South of Candys Rd .....	6340		
75	9	North of Halswell River (Leadleys Bridge) .....	5730		
75	14	Tai Tapu Township - South of Old Tai Tapu Rd .....	3340		
75	16	Tai Tapu - North of McCartneys Rd .....	3090		
75	26	Motukarara - East of McQueens Valley Rd .....	2710		
75	52	Little River - Okana River Bridge .....	2470		
75	61	Hilltop - West of Summit Rd Junction .....	2200		
75	62	Hilltop - Just Past Hotel .....	1470		
75	67	Barrys Bay - East of Cheese Factory .....	1990		
75	73	Robinsons Bay - East of Robinsons Valley Rd .....	1790		
77	0	Ashburton - Kermode St, West of SH 1 Junction .....	7400		
77	1	Ashburton - Alford Forest Rd North of Dale Rd .....	6800		
77	6	Ashburton - North of Racecourse Rd .....	1740		
77	29	Methven - South of Reynolds Rd .....	1200		
77	33	Methven - North of Alford Forest Rd .....	1580		
77	36	Methven - South of Mount Hutt Rd .....	910		
77	41	Methven - Waimarama Rd .....	200		
77	48	Mount Hutt Station - South of Mount Hutt Station Rd Junction .....	490		
77	50	Rakaia Gorge - 0.25km north of Blackford Rd .....	860		
77	86	Homebush - South of Homebush School Corner .....	1240		
77	87	Bangor Rd, East of Homebush School .....	1260		
77	92	Bangor Rd - Rural Near SH 73 .....	1380		
78	1	Timaru - Port Loop Rd, North of Marine Pde .....	2710		
79	9	Upper Orari - East of Orari Bridge .....	940		
79	10	Upper Orari - Near Upper Orari Hall .....	2300		
79	15	Geraldine - Cox St, North of Lewis St .....	2640		
79	25	Gapes Valley - Toomeys Bridge .....	1150		
79	59	Fairlie - East of SH 8 .....	1150		
79	61	Fairlie - Between Bridge and Grey Sts .....	1790		
80	3	Lake Pukaki - North of SH 8 Junction .....	840		
82	0	Waimate Turnoff, South of SH 1 Junction .....	1370		
82	8	Waimate - Queen St, Northeast of William St .....	3060		
82	20	Waiho Forks - Northeast of Douglas Bridge .....	520		
82	51	East of Penticotico Bridge .....	340		
83	2	Pukeuri, West of SH 1 .....	1340		
83	36	Duntroon, West of Township .....	730		
83	62	Kurow, West of SH 82 Junction .....	770		
83	106	Omarama, Before Prohibition Rd .....	720		
84	1	Mt Iron - near entrance to reserve .....	4780		
85	10	Palmerston Inch Valley - before McLew Rd .....	1050		
85	17	Sweetwater Creek - past culvert .....	500		
85	61	Kyeburn, East of SH 87 .....	400		
85	66	Kyeburn, West of SH 87 .....	600		
85	80	North Ranfurly, before Bypass Rd .....	700		

## Transit New Zealand Traffic Volumes 2003

STATE HIGHWAY	DISTANCE	LOCATION	AADT	TYPE	%HMV 2003
85	83	East Eweburn, near bridge .....	610		
85	99	Idaburn, past Idaburn-Omakau Rd .....	300		
85	128	Lauder .....	460		
85	155	Past Keddell Rd .....	1220		
85	159	Alexandra - North of Galloway Rd .....	1010		
85	163	Alexandra North - Past camp gates .....	2670		
87	1	Mosgiel .....	14900		
87	9	Outram Wylies Crossing .....	2800		
87	15	West Taieri .....	700		
87	65	Middlemarch .....	460		
87	93	Hyde South, before Hyde Macraes Rd .....	290		
87	109	Kokonga before Waipiata turnoff .....	260		
88	1	Frederick St .....	12210		
88	3	Dunedin - Logan Point .....	9550		
88	10	Dunedin - St Leonards .....	5330		
88	11	Dunedin - Sawyers Bay .....	4750		
90	1	Raes Junction .....	630		
90	26	North Tapanui, Past Heriot Rd .....	1220		
90	32	South Tapanui, Before Victoria Rd .....	1310		
90	58	McNab .....	1930		
93	1	South of Clinton .....	1090		
93	41	North of Mataura .....	1210		
94	1	Gore, former Borough Bndy .....	2540		
94	2	Gore, North of former Borough Bndy .....	2160		
94	23	Near McKellars Stream Culvert .....	1150		
94	34	Riversdale .....	740		
94	59	Lumsden, East of SH 6 .....	1030		
94	64	Lumsden, West of SH 6 .....	910		
94	111	Mararoa, past Princhester Creek Bridge .....	1260		
94	136	Te Anau East .....	1910		
94	139	Te Anau School .....	3000		
94	141	Te Anau Upukerora River .....	1110		
94	172	Retford Stream .....	520		
94	230	Falls Creek Bridge .....	500		
95	2	Wildlide Park .....	1580		
95	11	Rainbow Reach .....	880		
96	9	Glencoe near Hedgehope Stream Bridge .....	690		
96	42	Browns .....	1220		
96	56	Oreti Hotel .....	1510		
96	75	Wreys Bush before hall .....	850		
96	89	Crawfords Tunnel Ohai .....	590		
98	10	Ex Lorne Dacre Rd .....	910		
99	0	Lorneville, East of Railway Bridge .....	4700		
99	8	East of Argyle Corner .....	3860		
99	27	Riverton, near racecourse .....	1960		
99	39	Colac .....	660		
99	75	Tuatapere .....	400		
99	89	Clifden, near School .....	360		