



## Traffic Volumes Monthly Report January 2015

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#### Quality Assurance Statement

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Reviewed by: Philip Blagdon

#### Revision Schedule

Rev. No	Date	Description	Prepared by	Reviewed by	Approved by
1	12/02/2015	Final	Gerald Wen	Philip Blagdon	

# Overview

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## Summary

The purpose of this report is to provide information about changes and trends of Monthly Average Daily Traffic (MADT) on state highways at a national and regional level.

NZTA Region Number	NZTA Region
1	Northland and Auckland
2	Waikato and Bay of Plenty
3	Taranaki, Manawatu–Wanganui, Hawkes Bay and Gisborne
4	Wellington, Nelson, Marlborough and Tasman
5	Canterbury and West Coast
6	Otago and Southland

## January 2015 State Highway Traffic Highlight

### Light Vehicles

Nationally, the MADT for light vehicles was up 5.7%, when compared to the same period last year. The biggest growth recorded in January since 2009.

All regions had an increase with a range of 4.5% to 7.1%.

The higher growth possibly be attributed to drop in fuel price.

### Heavy Vehicles

Nationally, the MADT for heavy vehicles was up 4.9%, when compared to the same period last year.

All regions recorded an increase.

Region4, region6 and region1 recorded an increase between 6.1% to 8.4%; while region2, region3 and region5 recorded an increase between 2.8% to 4.3%.

## In this report

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## Technical Notes

**What is MADT?** Monthly Average Daily Traffic (MADT) is the average daily traffic volume in a given month. At each monitored location (count site), MADT is reported for light vehicles, all vehicles and heavy vehicles<sup>1</sup>. MADT is the statistical term used throughout this report.

A more commonly reported statistical term is Annual Average Daily Traffic (AADT), which measures the average daily traffic volume over a given calendar year.

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**How is MADT change reported each month?** We report MADT change for light, heavy and all vehicles, at a national and regional level. We first calculate the percentage change in MADT (light, heavy and all vehicles separately) of each site for the current month compared to the same month in the previous year. We then calculate the median of those percentage changes across all sites and report it as the national MADT change for the current month. To report each regional MADT change, we calculate the median of percent changes of the sample sites in each region.

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**Purpose** Monthly Average Daily Traffic (MADT) reporting enables us to provide a month-by-month indication of traffic trends, and to allow the effects of specific events (e.g. Storms, fuel price shifts, economy, etc.) to be monitored.

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**Site coverage** The table below shows the number of traffic counting sites in each NZ Transport Agency region. These numbers represent the sample sizes that are used to report the National and regional MADT changes in this report.

NZ Transport Agency Region	Number of Sites
Northland and Auckland	17
Waikato and Bay of Plenty	27
Taranaki, Manawatu-Wanganui, Hawkes Bay and Gisborne	19
Wellington, Nelson, Marlborough and Tasman	17
Canterbury and West Coast	15
Otago and Southland	19
Total	114

These sites are mostly NZTA's national telemetry sites. There are also a few regional continuous sites used in Auckland.

Report should be used with caution, because of the limited sample sizes.

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**Sources of variation in MADT** The number of weekends in a specific month can affect the MADT comparability between years. Also, public holidays that occur in different months can affect comparisons between years. This report does not attempt to compensate for these variations.

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<sup>1</sup> Heavy vehicles are those with a gross vehicle mass exceeding 3.5 tonnes.

**Results:  
Monthly  
traffic at key  
sites**

Five key sites have been selected to represent five main centres in NZ.

The MADT values for January 2014, January 2015 and percentage change compared are reported in the table below.

Note the MADT values include all vehicles.

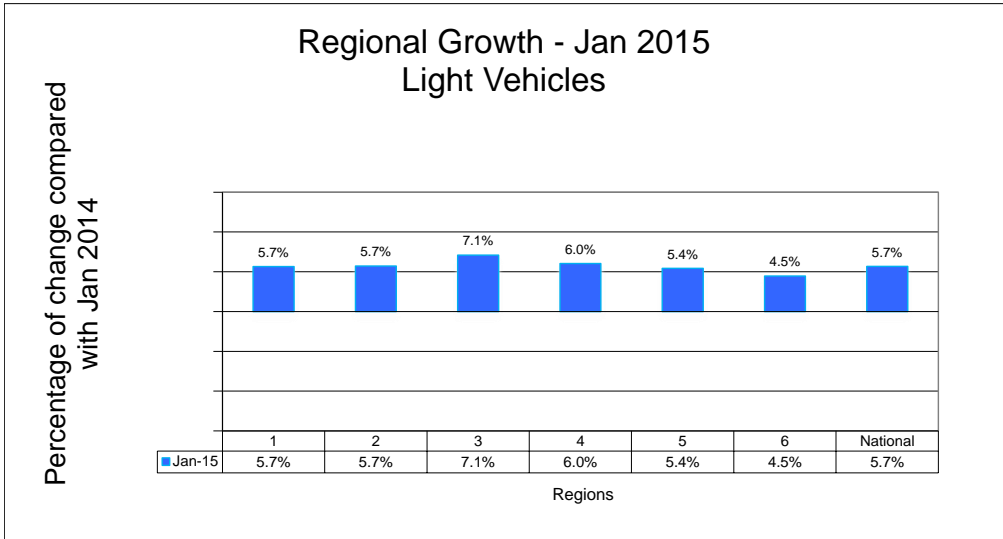
Site	City Represented	MADT (All Vehicles) January-14	MADT (All Vehicles) January-15	% Change
Auckland Harbour Bridge (SH1)	Auckland	148253	155983	5%
Greenwood (SH1)	Hamilton	23540	23757	1%
Ngauranga Interchange (SH 1 and SH2 NB only)	Wellington	38832	38350	-1%
Waimakariri Bridge	Christchurch	45078	46100	2%
Burnside (SH1 Combined)	Dunedin	24543	24678	1%

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# Results: Light Vehicles

**Regions** Comparisons across the NZ Transport Agency regions have also been carried out.

The graph below shows the MADT change compared with the same month last year. The MADT values here represent light vehicle types.



NZTA Region Number	NZTA Region
1	Northland and Auckland
2	Waikato and Bay of Plenty
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4	Wellington, Nelson, Marlborough and Tasman
5	Canterbury and West Coast
6	Otago and Southland

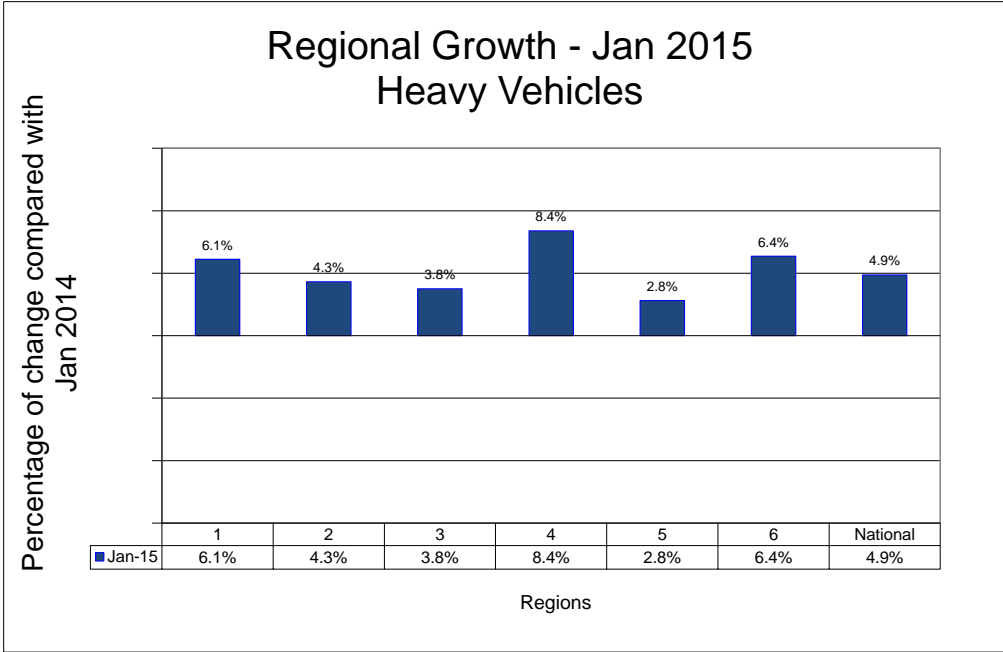
**More graphs** The monthly graphs (as above) of the current year are attached to this report.

**All sites** A table of MADT (light vehicles) values for the past thirteen months is attached to this report.

# Results: Heavy Vehicles

**Regions** Comparisons of heavy vehicle traffic across NZ Transport Agency regions as detailed below.

The graph shows the MADT change compared with the same month last year. The MADT values here represent heavy vehicles only.



NZTA Region Number	NZTA Region
1	Northland and Auckland
2	Waikato and Bay of Plenty
3	Taranaki, Manawatu-Wanganui, Hawkes Bay and Gisborne
4	Wellington, Nelson, Marlborough and Tasman
5	Canterbury and West Coast
6	Otago and Southland

**More graphs** The monthly graphs (as above) of the current year are attached to this report.

**All sites** A table of MADT (heavy vehicles) values for the past thirteen months is attached to this report.

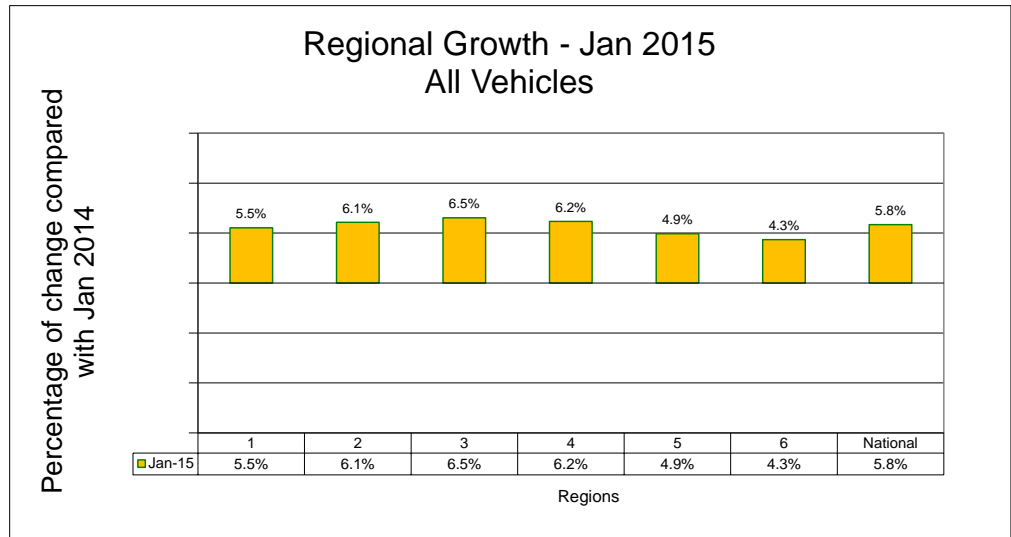


# Results: All Vehicles

## Regions

Comparisons across the NZ Transport Agency regions have also been carried out.

The graph below shows the MADT change compared with the same month last year. The MADT values here represent all vehicle types.



NZTA Region Number	NZTA Region
1	Northland and Auckland
2	Waikato and Bay of Plenty
3	Taranaki, Manawatu-Wanganui, Hawkes Bay and Gisborne
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5	Canterbury and West Coast
6	Otago and Southland

## More graphs

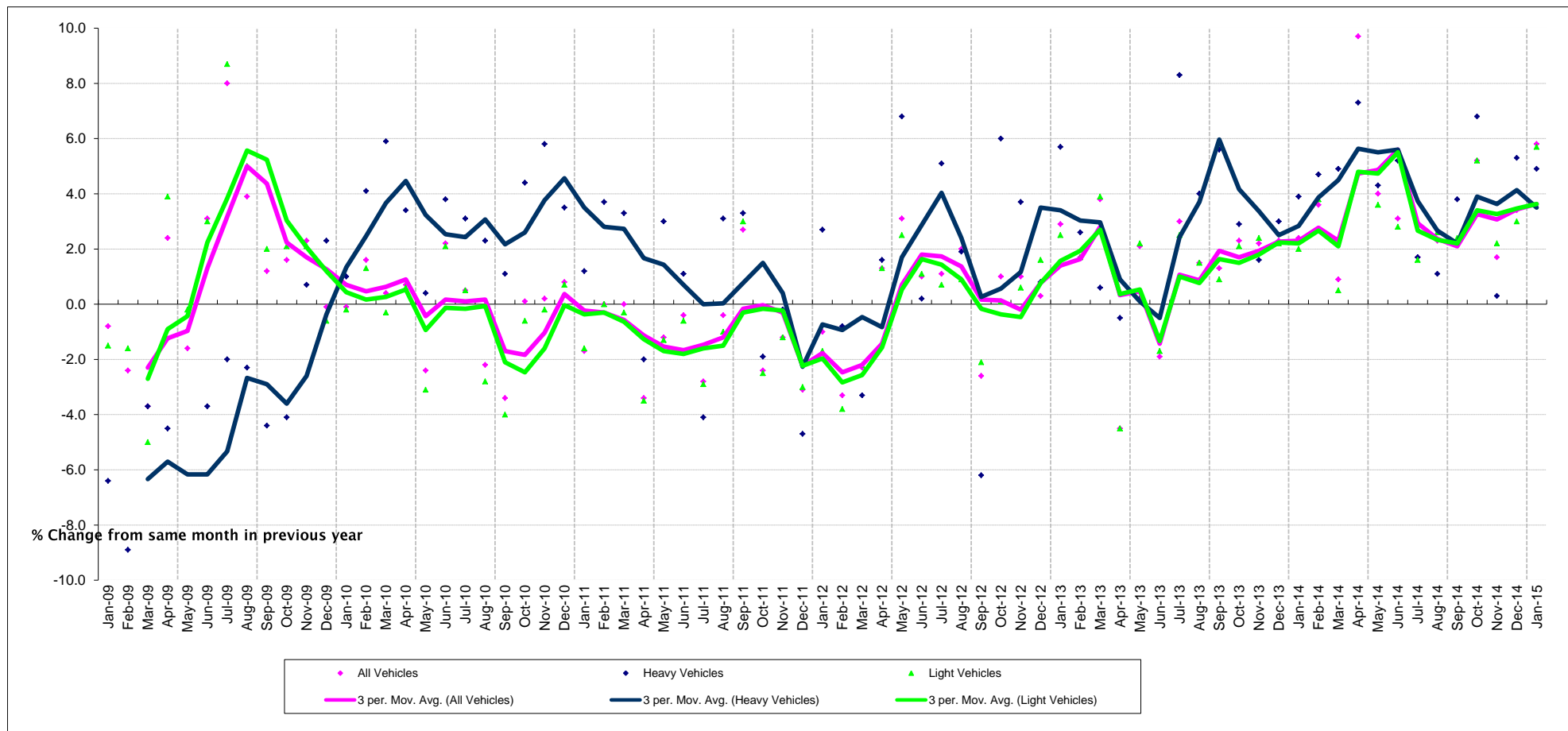
The monthly graphs (as above) of the current year are attached to this report.

## All sites

A table of MADT (all vehicles) values for the past thirteen months is attached to this report.

## Summary of MADT Change from Same Month in Previous Year

The graph and table below shows 6 years national MADT change from the same month in the previous year, summarising the figures published in previous monthly reports.



Year	2009			2010			2011			2012			2013			2014			2016		
Month	All Vehicles	Light Vehicles	Heavy Vehicles	All Vehicles	Light Vehicles	Heavy Vehicles	All Vehicles	Light Vehicles	Heavy Vehicles	All Vehicles	Light Vehicles	Heavy Vehicles	All Vehicles	Light Vehicles	Heavy Vehicles	All Vehicles	Light Vehicles	Heavy Vehicles	All Vehicles	Light Vehicles	Heavy Vehicles
January	-0.8	-1.5	-6.4	-0.1	-0.2	1.0	-1.7	-1.6	1.2	-1.0	-1.7	2.7	2.9	2.5	5.7	2.4	2.0	3.9	5.8	5.7	4.9
February	-2.4	-1.6	-8.9	1.6	1.3	4.1	0.0	0.0	3.7	-3.3	-3.8	-0.8	1.7	1.7	2.6	3.6	3.8	4.7			
March	-3.7	-5.0	-3.7	0.4	-0.3	5.9	0.0	-0.3	3.3	-2.3	-2.2	-3.3	3.8	3.9	0.6	0.9	0.5	4.9			
April	2.4	3.9	-4.5	0.7	0.6	3.4	-3.4	-3.5	-2.0	1.3	1.3	1.6	-4.5	-4.5	-0.5	9.7	10.1	7.3			
May	-1.6	-0.2	-10.3	-2.4	-3.1	0.4	-1.2	-1.3	3	3.1	2.5	6.8	2.1	2.2	0.2	4.0	3.6	4.3			
June	3.1	3.0	-3.7	2.2	2.1	3.8	-0.4	-0.6	1.1	1	1.1	0.2	-1.9	-1.7	-1.2	3.1	2.8	5.2			
July	8.0	8.7	-2.0	0.5	0.5	3.1	-2.8	-2.9	-4.1	1.1	0.7	5.1	3.0	2.5	8.3	1.7	1.6	1.7			
August	3.9	5.0	-2.3	-2.2	-2.8	2.3	-0.4	-1.0	3.1	2.0	0.9	1.9	1.5	1.5	4.0	2.3	2.6	1.1			
September	1.2	2.0	-4.4	-3.4	-4.0	1.1	2.7	3.0	3.3	-2.6	-2.1	-6.2	1.3	0.9	5.6	2.3	2.4	3.8			
October	1.6	2.1	-4.1	0.1	-0.6	4.4	-2.4	-2.5	-1.9	1.0	0.1	6.0	2.3	2.1	2.9	5.2	5.2	6.8			
November	2.3	2.1	0.7	0.2	-0.2	5.8	-1.2	-1.2	-0.2	1.0	0.6	3.7	2.2	2.4	1.6	1.7	2.2	0.3			
December	-0.1	-0.6	2.3	0.8	0.7	3.5	-3.1	-3	-4.7	0.3	1.6	0.8	2.3	2.2	3	3.4	3.0	5.3			

## Appendices

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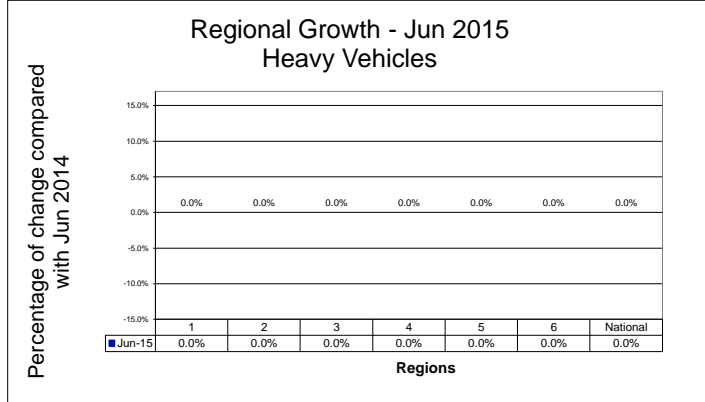
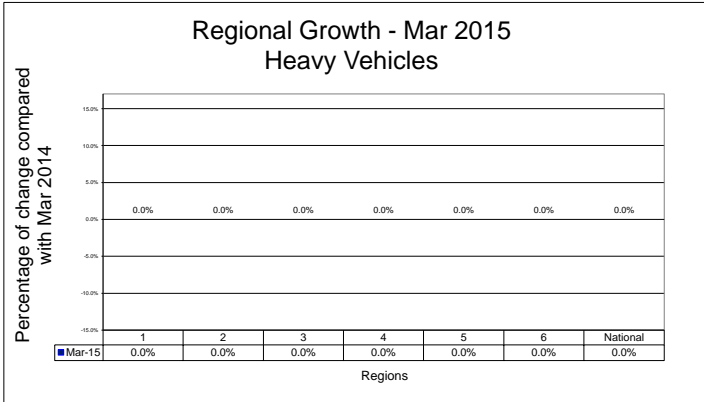
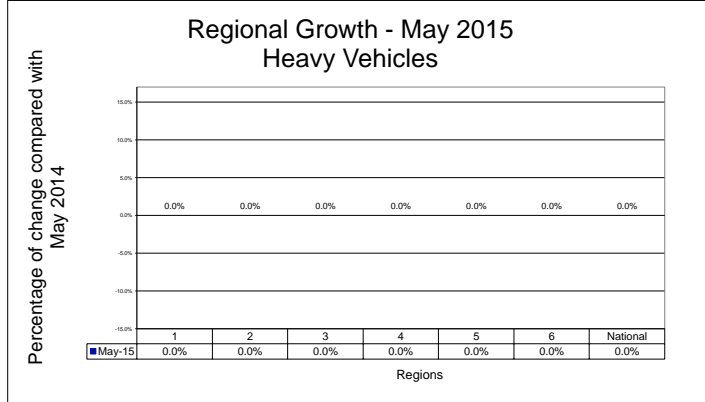
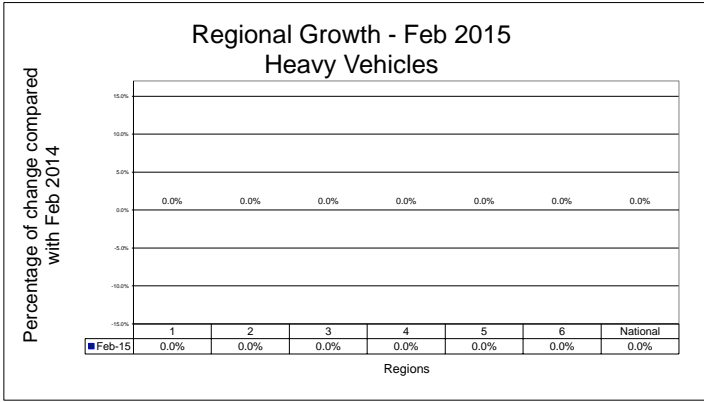
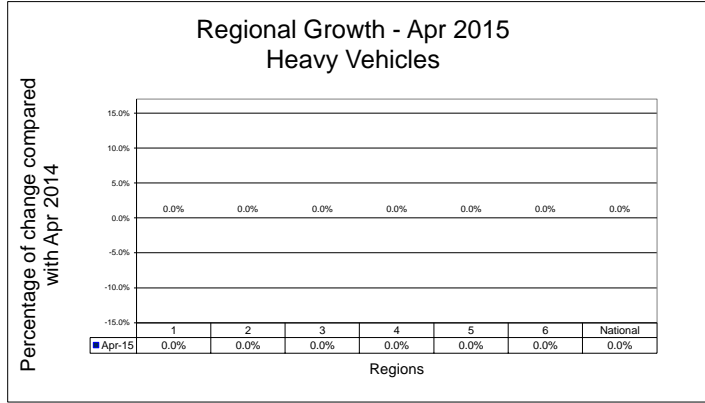
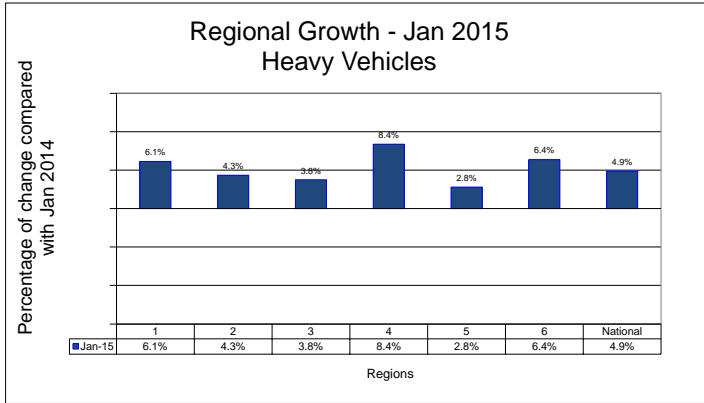
### Current Year Growth Graphs

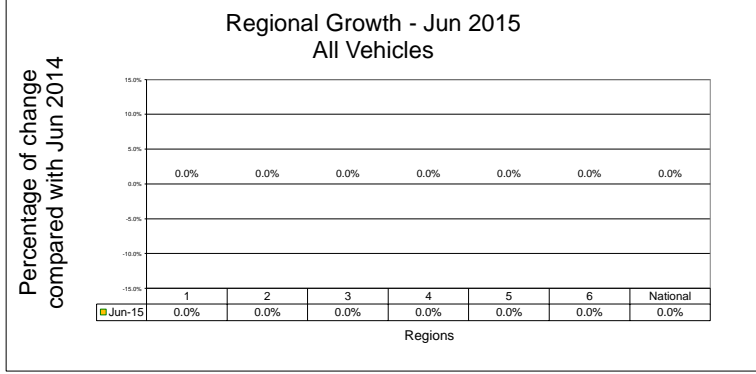
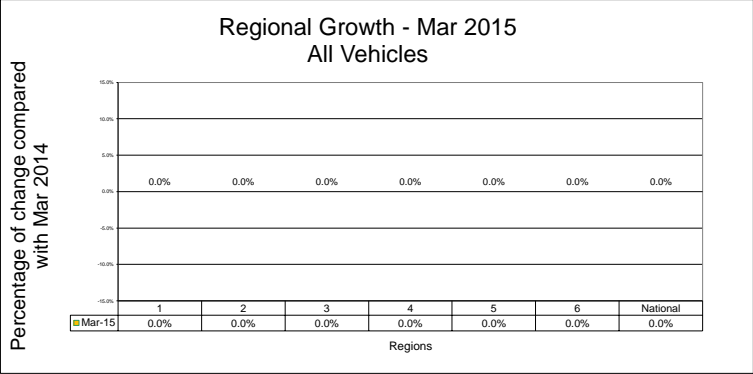
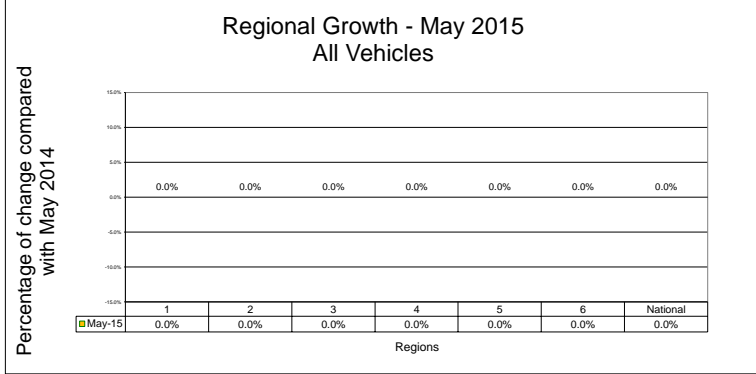
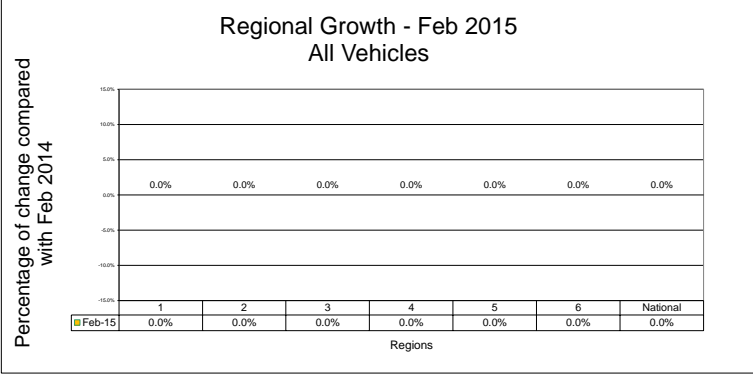
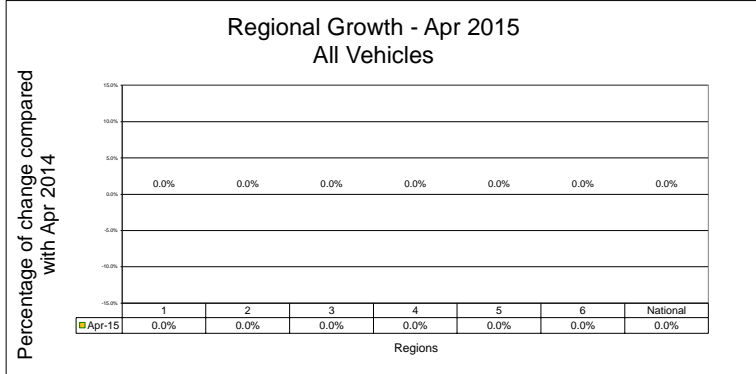
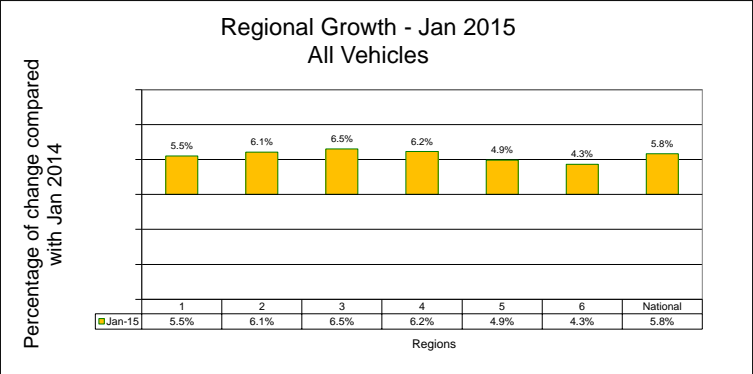
- Light Vehicles
- Heavy Vehicles
- All Vehicles

### MADTs of the sample sites for the past thirteen months

- Light Vehicles
- Heavy Vehicles
- All Vehicles







## MADT (Light Vehicles)

Regio	Site Ref	Description	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14	Nov- 14	Dec- 14	Jan- 15
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	6388	5662	5404	5923	4946	4597	4458	4686	4655	5509	5575	5904	6845
1	ID:01200026	KAIKOHE - Telemetry Site 102	1413	1292	1257	1261	1158	1071	1061	1094	1098	1226	1278	1341	1446
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	2142	2307	2341	2168	2273	2223	2210	2245	2152	2334	2413	2379	2289
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	28748	29423	28432	28775	28179	26570	27504	27432	27891	29317	29498	31261	30327
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	29604	28690	27594	28226	26946	26351	27086	27005	27372	28932	28251	29593	31256
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	10527	8768	8009	9190	7349	6856	6766	6878	6638	8323	8212	8608	10914
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB		58793		55512	59425	55622	57815	58072	56732	59112	61748	59622	56717
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB		53427		51320	53366	50906	52850	52929	51465	54056	55663	54382	53643
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	18497	17533	16694	17724	15866	14813	15383	15344	16038	18034	17403	19918	19817
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	19253	17444	16853	17503	15377	15310	15174	15084	14176	17973	16686	17768	19913
1	ID:01N00388	ALPURT - Telemetry Site 95	18009	15990	14810	15592	13871	13090	13166	13120	12945		15118	17286	19345
1	ID:01610016	SH16 Royal Rd Off Ramp to Hobsonville Rd/SH18 Off Ramp W	31797	35142	35262	33159	34996	21886	23449	23644	24155	24735	25575	25067	23915
1	ID:01620016	SH16 Royal Rd On Ramp to Hobsonville Rd On Ramp EB	32934	34931	36581	34175	36265	22872	23010	23503	23636	24181	24378	23370	23520
1	ID:01810007	SH18 Upper Harbour Bridge WB		19408	19841	18481	20208	19185	19338	19740	20014	20236	20973	19694	18904
1	ID:01820007	SH18 Upper Harbour Bridge EB	16327	18639	18778	17792	18967	18027	18319	18571	18976	19120	19922	19306	18104
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	38341	43310	43267	41497	43496	41555	42526	42410	43372	43933	45192	43566	40745
1	ID:02020012	SH20 Walmsley Rd Off Ramp to Rimu Rd Off Ramp SB	37620	41988	41699	40261	41981	39925	41184	41111	42053	42529	43751	42354	39789
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	16054	13199	12296	13495	11292	10633	11115	10997	10650	12953	12350	13396	17084
2	ID:25A00024	HIKUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	5042	3553	3225	3496	2468	2231	2270	2212	2286	3315	2858	3376	6011
2	ID:02700011	KAIHERI - Telemetry Site 33	3938	3708	3531	3835	3342	3093	3349	3250	3238	3673	3464	4109	4249
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	19659	20057	19865	20497	19342	18972	19321	19427	18153	20433	20442	21562	20921
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	8348	8369	7766	8306	7426	7034	7492	7307	7073	8186	7840	8820	9054
2	ID:00300014	OHAUPO - Telemetry Site 119	9484	10793	10750	10273	10872	10673	10536	10543	9943	10747	10933	10593	9456
2	ID:00300085	TE KUIITI - Telemetry Site 16 - Nth of 8 Mile Junction	3640	3536	3480	3748	3161	3110	3502	3554	3343	3601	3301	3663	3874
2	ID:03200074	West of Taupo - Telemetry Site 43	643	566	491	554	414	400	454	453	423	512	479	498	722
2	ID:01N00580	KARAPIRO - Telemetry Site 20	14313	13975	13418	14103	13009	12805	12832	12433	12161	13790	13435	14769	15177
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	9133	7502	7102	7402	6354	6101	6266	6231	5973	7298	6937	8237	9698
2	ID:01N00729	HALLETT'S BAY - Telemetry Site 42	5886	5257	4394	5066	3809	3558	4457	4153	3996	4690	4324	5084	6590
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	7883	7796	7139	7853	6807	6444	6899	6647	6750	7565	7187	8317	8554
2	ID:01N90552	GREENWOOD - Telemetry Site 97	21701	23458	23347	22396	23556	22772	23176	22658	21508	23163	23373	23242	21879
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	16968	16522	16045	16006	15928			15352	15794	16442	14008	17847	17900
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	16590	16986	16459		16069	15433	15679	15389	15113	16580	16926	17541	17466
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	16717	16997	16543		15977	15403	15588	15334	14964	16580	16910	17394	17676
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	4803	4260	4295	4201	3977	3711	3837	3800	3641	4280	4281	4876	5072
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22		2624	2580	2548	2386	2291	2347	2264	2255	2536	2510	2939	3348
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	4062	3531	3300	3712	3193	3037	3056	3010	2809	3339	3365	3877	4451
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	5522	5037	4821	5463	4598	4441	4591	4457	4043	5077	4816	5459	5801
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	9130	8593	8290	8540	7885	7209	7704	7594	7222	8436		9224	9628
2	ID:00500057	WAIPA - Telemetry Site 41 - Sth of SH30	7483	7091	6501	6842	6061	5715	6219	5880	5658	6685	6618	7483	7860
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	17035	16702	16038	16394	17046	16026	16315	15991	15753	16818	17425		
2	ID:00200242	AWAKERI - Telemetry Site 92	8378	8264	8372	7975	8245	7904	8023	7904	7509	8353	8402	8897	8634
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	15060	15634	15276	14720	15337	14686	14947	14851	14330	15588	16064	16575	15899
2	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	16049	16554	16176	15463	16153	15453	15738	15640	15120	16410	16866	17024	16761
2	ID:03600014	OROPI - Telemetry Site 117	3062	3047	2945	2252	2685	2533	2651	2622	2656	2872	2932	2890	3158
3	ID:00200428	ORMOND : Telemetry Site 26	2295	2291	2190	2178	2086	1963	2064	1997	1891	2143	2214	2386	2331
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	5140	4090	3844	3980	3763	3566	3334	3349	3358	3882	4401	4774	5293
3	ID:00200627	TANGOIO - Telemetry Site 24	2066	1739	1630	1783	1584	1474	1484	1435	1461	1699	1663	1830	2106
3	ID:00500230	TE POHUE - Telemetry Site 23	2911	2663	2379	2571	1964	1855	2082	1876	1933	2454	2181	2510	3213
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	3760	3499	3158	3348	2713	2545	2689	2609	2660	3185	3046	3386	4066
3	ID:05000010	Nth of Tutaekuri River (Telemetry Site 58)	21431	21681	21540	20708	21316	20614	20699	20628	19864	21429	22109	22374	21460



## MADT (Light Vehicles)

Regio	Site Ref	Description	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14	Nov- 14	Dec- 14	Jan- 15
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	2018	1869	1836	1910	1549	1557	1536	1490	1499	1897	1676	1795	2236
3	ID:00300267	TARIKI - Telemetry Site 6	7736	8170	8229	7965	8173	7723	8028	7713	7526	8109	8384	8420	7890
3	ID:00300370	WAITOTARA - Telemetry Site 5	3109	3149	3229	3026	2858	2686	2872	2735	2620	3068	3030	3293	3241
3	ID:04500101	OHAWE BEACH Rd - Telemetry Site 71	3407	3628	3481	3296	3451	3244	3274	3279	3155	3518	3568	3684	3652
3	ID:01N00930	SANSON - Telemetry Site 38	11335	11538	11073	11366	10370	9861	10446	10102	9533	11206	10913	12116	12165
3	ID:01N00988	OHAU - Telemetry Site 56	14219	14337	13515	13959	12674	12153	12796	12521	12472	13802	13480	14941	15229
3	ID:00200755	NORSEWOOD - Telemetry Site 25	3928	3653	3461	3558	3019	2966	2983	2804	2806	3402	3245	3615	4126
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	6319	6236	6199	6052	5784	5517	5695	5530	5542	6147	6166	6819	7058
3	ID:00400133	HOROPITO - Telemetry Site 37	1715	1636	1444	1786	1205	1252	1984	1947	1939	1787	1453	1671	2031
3	ID:00400226	UPOKONGARO - Telemetry Site 28	1907	1940	1842	1841	1808	1632	1680	1702	1557	1777	1817	1975	2034
3	ID:01N00827	HIHITAHU - Telemetry Site 29	4776	4195	3556	4264	3210	2942	3356	3118	3087	3869	4052	4052	5194
3	ID:05400049	FIELDING - Telemetry Site 106	5541	6308	6664	6025	6464	6280	6327	6400	5994	6308	6563	6393	5728
3	ID:05700014	SHANNON - Telemetry Site 107	6617	7097	7039	6959	6915	6610	6865	6724	6694	7119	7130	7401	7132
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	20012	22372	22359	20428	22382	21575	21898	22083	21569	22238	22550	21485	
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	9955	10721	10398	10000	10260	9982	9757	9825		10216	10590	10818	10410
4	ID:00200937	RIMUTAKA - Telemetry Site 01- Pukuratahi River Brg	5941	5681	5807	5350	5061	4941	4750	4690	4826	5453	5555	5995	6498
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	21793	22608	21850	21296	20905	20307	20850	20573	20176	21713	21782	22806	23020
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	19347	22020	22188	20179	22157	21359	21578	21939	20548	21981	22433	21227	20045
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	12409	13407	13806	12861	13450	13027	12889	13043	12412	13580	13827	13579	13095
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	18693	21517	21631	19331	21479	20440	20802	20868	20570	21300	21572	20349	
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	18012	20841	21030	19042	20846	19820	20109	20264	19164	20679	20952	19752	17070
4	ID:00210965	KELSON - Telemetry Site 99 - SB	15406	16785	16783		16453	15938	15904	15980	15163	16552	16919	16328	16174
4	ID:00220965	KELSON - Telemetry Site 99 - NB	14518	16169	16113		16095	15446	15408	15514	14690	15936	16283	15908	15453
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	21508	21579	21341	20057	20466	19634	20133	20108	19412	21034	21926	22739	22526
4	ID:00600232	MURCHISON - Telemetry Site 35	2121	2009	1657	1773	1203	1056	1166	1078	1137	1450	1547	1647	2370
4	ID:00600100	HIRA - Telemetry Site 36	3427	3323	3013	2818	2450	2170	2277	2299	2218	2673	2907	3274	3652
4	ID:06000040	SH60 Riwaka Telemetry Site 86	5489	4950	3902		2744	2425	2343	2471	2403	3177	3543	3937	6470
4	ID:01S00037	Blenheim Telemetry Site 87			3320	3468	2897	2726	2950	2812	2795	3182	3314	3798	3996
4	ID:06300096	ST ARNAUD - Telemetry Site 93	403	434	375	374	237	193	216	204	212	296	317	335	470
4	ID:06000006	RICHMOND - Telemetry Site 112	11314	10986	10282	9421	9311	8763		8952	8642	9722	10167	11265	12303
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	10065	10304	9926	10215	9172	8763	9343	9049	8628	10022	10329	10949	10602
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	18863	19323	18982	18998	18952	18162	18654	18139	17432	19473	19684	20671	19418
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	1672	1639	1588	1545	1100	1038	1234	1369	1276	1436	1446		1863
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	2820	2572	2038	2229	1660	1432	1422	1131	1507	1964	2111	2364	3090
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	5472	5638	5305	5695	5125	4846	4970	4792	4558	5519	5431	5888	5625
5	ID:00700108	LEWIS PASS - Telemetry Site 32	1404	1188	978	1213	820	685	755	679	726	979	929		1520
5	ID:01S00285	WAI PARA - Telemetry Site 52 - (WIM Site)	8061	7430	6596	7443				5695	5833	7046	7052	8009	8500
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	21386	22447	21605	20616	21707	20943	21886	21562	21319	22201	22295	22323	22041
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	20526	22147	21603	20347	21675	20514	21261	20908	20725	21967	22289	22538	21036
5	ID:00800059	FAIRLIE - Telemetry Site 98 (New Dec 09)	3066	2688	2473	2818	1767	1682	1913	1902	1713	2175	2321	2481	
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	9205	10176	9590	8672	9367	8840	8655	8809	8420	9379	10113	9713	
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	3029	3056	2866	2765	2322	2188	2429	2280	2294	2665	2805	3040	3245
5	ID:00700239	AHAURA - Telemetry Site 40	1133	1135	1075	1112	1012	889	952	928	897	1037	1057		1158
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	1157	1185	1030	930	644	593	640	602	619	826		976	1263
5	ID:00600753	HAASST - Telemetry Site 111	1200	1224		943	512	401	429	448	609	899	965	977	1351
6	ID:00600895	WANAKA - Telemetry Site 109		3616	3508	4256	2675	2562	2929	2967	2706	3158	3329	3545	4575
6	ID:00800263	TARRAS - Telemetry Site 110	2056	1702	1532	1906	996	883	1105			1333	1455	1542	2664
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	2602	2316	2112	2351	1760	1671	1683	1837	1881	2066	2048	2152	2782
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	13540			14578			14985	14929	14286	15409	15580	15365	13966

MADT (Light Vehicles)

Regio	Site Ref	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	9505			9928			10450	10275	9815	10454	10642	10512	9312
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	2214			2268			2363	2403	2371	2466	2513	2481	2199
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	2691			2733			2811	2901	2876	3001	3234	3087	2844
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	2735			2929			3061	3115	2991	3237	3426	3252	3244
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	1898			1955			1945	1987	1973	2249	2205	2109	2100
6	ID:01S00765	MILTON - Telemetry Site 27	5610	5976	5697	5891	5334	5071	5086	4934	4946	5529	5627	5982	5865
6	ID:06A00001	FRANKTON - Telemetry Site 90	20418	20229	18917	19643	16342	17118	19267	19361	17301	18343	19547		21314
6	ID:08500161	GALLOWAY - Telemetry Site 89	2191	2041	1831	1837	1717	1604	1662	1763	1790	1866	1941	2203	2345
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	7738	8712	8589	7588	8082	7850	7750	7709	8199	8178	8391	8108	7705
6	ID:08300063	KUROW - Telemetry Site 113	1379	1113	999	1035	712	631		668	687	942	926	1007	1782
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	10165	12101	11349	10218	11133	10451	10551	10786	10242	11701	12179	11045	9762
6	ID:00601147	WINTON - Telemetry Site 46	4060	4559	4569	4368	4416	4248	4200	4283	4098	4468	4703	4699	4347
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	2492	2375	2113	1970	1388	1269	1283	1260	1431	1722	1913	2145	2570
6	ID:01S00854	GORE - Telemetry Site 45	3567	4012	3658	3684	3536	3323	3429	3351	3332	3710	3715	3880	3693
6	ID:09400141	TE ANAU - Telemetry Site 94	1605	1626	1400	1244	748	590	570	612	703	958	1236	1423	1608

## MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	833	804	774	775	690	564	593	618	655	741	765	716	815
1	ID:01200026	KAIKOHE - Telemetry Site 102	61	76	86	69	81	56	68	57	62	70	76	67	74
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	262	286	291	272	288	264	311	342	335	361	372	307	299
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	2583	2913	2860	2787	2861	2533	2673	2645	2803	2913	2947	2772	2737
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	2516	2747	2726	2677	2734	2425	2550	2526	2677	2802	2806	2572	2663
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	1193	1160	1106	1115	1035	885	851	887	910	1057	1077	961	1199
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB		3991		4041	4183	3542	3810	3784	3878	3678	4345	4126	3818
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB		4005		3751	3851	3266	3586	3486	3444	2983	4014	3722	3624
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	2111	2305	2304	2272	2249	2091	2118	2056	2216	2322	2355	2357	2334
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	2036	2147	2103	2042	2038	1876	1885	1826	1846	2292	2133	2068	2164
1	ID:01N00388	ALPURT - Telemetry Site 95	1445	1443	1406	1396	1339	1176	1174	1151	1212		1423	1491	1578
1	ID:01610016	SH16 Royal Rd Off Ramp to Hobsonville Rd/SH18 Off Ramp WB	1824	2066	2263	2101	2286	1354	1009	984	1037	1092	1081	1002	988
1	ID:01620016	SH16 Royal Rd On Ramp to Hobsonville Rd On Ramp EB	1249	1669	1713	1611	1768	998	1038	1044	1098	1128	1113	1005	1044
1	ID:01810007	SH18 Upper Harbour Bridge WB		988	1047	969	830	742	780	788	828	847	842	784	762
1	ID:01820007	SH18 Upper Harbour Bridge EB	530	729	764	732	775	690	745	748	777	798	800	765	711
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	3097	3531	3470	3257	3496	3319	3396	3453	3635	3628	3654	3366	3159
1	ID:02020012	SH20 Walmsley Rd Off Ramp to Rimu Rd Off Ramp SB	3092	3592	3470	3295	3535	3365	3443	3499	3635	3618	3653	3413	3167
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	1848	1927	1864	1915	1872	1633	1688	1654	1679	1894	1917	1699	1971
2	ID:25A00024	HIKUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	419	313	307	296	254	215	210	221	235	334	302	324	517
2	ID:02700011	KAIHERE - Telemetry Site 33	886	988	964	931	938	831	829	815	881	949	987	965	910
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	2240	2433	2409	2280	2256	2090	2133	2147	2203	2466	2532	2448	2323
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	1609	1717	1753	1608	1591	1372	1379	1380	1478	1660	1650	1592	1569
2	ID:00300014	OHAUPO - Telemetry Site 119	659	778	770	700	730	624	623	618	641	741	715	771	897
2	ID:00300085	TE KUITI - Telemetry Site 16 - Nth of 8 Mile Junction	689	767	759	776	725	623	655	676	686	754	736	675	726
2	ID:03200074	West of Taupo - Telemetry Site 43	81	80	78	68	57	56	52	46	49	61	76	67	107
2	ID:01N00580	KARAPIRO - Telemetry Site 20	1785	2091	1889	1689	1693	1350	1438	1511	1648	1806	1848	1827	1902
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	907	897	868	891	820	729	737	734	754	897	880	882	950
2	ID:01N00729	HALLETTS BAY - Telemetry Site 42	858	910	867	825	829	745	738	667	750	810	853	774	913
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	1591	1703	1750	1632	1594	1325	1364	1354	1567	1706	1676	1630	1587
2	ID:01N90552	GREENWOOD - Telemetry Site 97	1839	2159	2111	1983	2135	1947	1967	1926	1860	2046	2084	1963	1878
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	1192	1279	1267	1290	1331			1117	1260	1252	1243	1222	1250
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	923	1001	1006		904	837	856	837	747	743	757	734	753
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	1056	1134	1126		1069	983	978	964	803	802	822	803	826
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	773	769	801	728	782	653	661	681	677	776	760	747	734
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22		374	388	368	361	336	328	319	352	347	367	368	418
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	626	660	667	611	611	559	525	504	532	601	598	566	580
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	674	731	719	723	631	544	557	548	537	687	708	682	690
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	1332	1714	1724	1625	1577	1152	1251	1285	1408	1608		1575	1477
2	ID:00500057	WAIPA - Telemetry Site 41- Sth of SH30	878	956	982	903	849	736	765	726	784	883	883	828	913
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	1899	2088	2095	1992	2262	1891	1923	1789	1913	2092	1999		
2	ID:00200242	AWAKERI - Telemetry Site 92	713	779	783	665	721	595	607	620	646	778	707	683	733
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	1172	1406	1401	1333	1365	1117	1135	1163	1204	1345	1312	1295	1230
	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	1181	1393	1385	1314	1370	1168	1186	1211	1240	1376	1346	1318	1236
	ID:03600014	OROIPI - Telemetry Site 117	234	292	325	204	201	170	188	186	201	235	248	358	242
3	ID:00200428	ORMOND : Telemetry Site 26	300	344	342	282	296	235	230	231	217	253	278	269	289
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	493	595	593	482	587	504	516	449	471	576	589	527	523
3	ID:00200627	TANGOIO - Telemetry Site 24	426	433	443	399	400	364	334	316	311	351	385	363	442
3	ID:00500230	TE POHUE -Telemetry Site 23	504	565	561	552	570	509	480	482	467	525	493	434	503
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	619	717	740	707	723	640	627	630	609	667	663	571	651
3	ID:05000010	Nth of TutaeKuri River (Telemetry Site 58)	1610	1643	1736	1521	1607	1439	1403	1303	1317	1421	1473	1449	1492
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	438	483	475	480	427	380	407	446	435	493	446	388	464

## MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
3	ID:00300267	TARIKI - Telemetry Site 6	1066	1153	1188	1052	1026	831	896	992	1064	1155	1122	1067	1063
3	ID:00300370	WAITOTARA - Telemetry Site 5	664	689	683	683	643	477	511	604	526	606	707	678	664
3	ID:04500101	OHAWE BEACH Rd - Telemetry Site 71	543	548	493	420	369	261	281	436	601	689	666	590	583
3	ID:01N00930	SANSON - Telemetry Site 38	1615	1713	1708	1671	1629	1403	1439	1466	1418	1667	1749	1697	1700
3	ID:01N00988	OHAU - Telemetry Site 56	1467	1619	1592	1536	1491	1356	1427	1376	1472	1611	1637	1541	1529
3	ID:00200755	NORSEWOOD - Telemetry Site 25	657	701	719	652	584	506	509	519	542	630	663	620	743
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	830	870	896	831	802	716	716	723	720	789	869	861	908
3	ID:00400133	HOROPITO - Telemetry Site 37	278	321	306	257	266	234	283	252	262	268	266	259	286
3	ID:00400226	UPOKONGARO - Telemetry Site 28	186	199	189	176	180	178	169	153	154	175	183	175	192
3	ID:01N00827	HIHITAHU - Telemetry Site 29	1059	1064	990	960	920	829	839	758	813	928		863	1022
3	ID:05400049	FIELDING - Telemetry Site 106	216	260	268	217	231	217	216	213	217	226	271	303	289
3	ID:05700014	SHANNON - Telemetry Site 107	715	779	781	787	723	688	713	703	774	838	826	758	723
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	650	748	730	665	715	676	688	667	724	719	762	710	
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	627	695	651	594	598	527	502	533		804	830	783	755
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	345	356	360	315	313	275	267	268	297	332	360	360	379
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	1858	2068	2075	1995	2021	1839	1938	1886	2010	2166	2240	2098	1989
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	623	720	703	639	692	660	698	671	684	701	745	690	649
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	472	552	556	518	525	481	478	481	467	528	553	513	555
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	617	723	692	607	701	662	664	644	676	711	723	670	
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	850	983	952	855	946	896	904	893	892	967	971	918	586
4	ID:00210965	KELSON - Telemetry Site 99 - SB	665	793	779		767	710	744	705	684	742	733	688	692
4	ID:00220965	KELSON - Telemetry Site 99 - NB	584	701	707		652	592	596	580	594	661	647	609	620
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	1375	1356	1428	1284	1351	1199	1274	1203	1209	1314	1340	1233	1397
4	ID:00600232	MURCHISON - Telemetry Site 35	370	365	332	325	281	219	238	238	248	300	315	275	406
4	ID:00600100	HIRA - Telemetry Site 36	491	524	513	464	449	378	414	432	423	489	501	472	515
4	ID:06000040	SH60 Riwaka Telemetry Site 86	346	364	317		240	157	153	170	186	236	262	250	388
4	ID:01S00037	Blenheim Telemetry Site 87			755	946	677	571	594	593	674	749	757	679	737
4	ID:06300096	ST ARNAUD - Telemetry Site 93	41	51	52	42	40	27	26	27	25	39	39	38	51
4	ID:06000006	RICHMOND - Telemetry Site 112	518	549	580	537	509	468	456	463	491	566	612	605	673
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	1846	1913	1773	1684	1570	1312	1391	1394	1514	1724	1804	1820	1837
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	1733	1819	1882	1704	1683	1358	1395	1506	1682	1966	1906	1888	1741
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	263	279	279	237	203	190	199	183	208	254	252		306
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	542	565	515	543	523	425	386	358	506	602	613	492	598
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	1127	1160	1164	1062	979	749	774	880	1009	1110	1073	1101	1063
5	ID:00700108	LEWIS PASS - Telemetry Site 32	265	219	212	220	188	154	162	164	160	206	205		292
5	ID:01S00285	WAI PARA - Telemetry Site 52 - (WIM Site)	1302	1305	1227	1242				1009	1182	1369	1389	1333	1373
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	1724	1818	1701	1581	1667	1421	1500	1481	1624	1736	1711	1595	1653
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	1442	1554	1453	1347	1430	1216	1297	1272	1399	1518	1516	1465	1370
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	1739	1952	1824	1778	1990	1814	1900	1810	1994	2051	2101	1897	
5	ID:00800059	FAIRLIE - Telemetry Site 98	398	361	332	362	233	199	193	199	221	291	322	319	
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	428	438	411	363	273	210	231	260	355	436	445	408	440
5	ID:00700239	AHAURA - Telemetry Site 40	211	229	227	200	181	132	147	170	180	221	226		222
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	120	132	119	102	72	53	59	65	84	106		105	121
5	ID:00600753	HAAST - Telemetry Site 111	105	117		105	68	46	47	55	67	92	98	88	115
6	ID:00600895	WANAKA - Telemetry Site 109		308	295	340	204	188	211	205	221	262	270	272	350
6	ID:00800263	TARRAS - Telemetry Site 110	298	261	244	293	191	156	165			214	241	177	288
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	289	275	241	257	207	168	177	202	213	232	238	240	322
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	827			812			741	743	782	912	886	814	787
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	671			686			585	584	630	701	691	637	613
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	121			116			131	132	133	141	147	131	124

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	192			193			208	210	222	233	240	219	211
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	119			127			136	140	133	159	168	150	148
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	71			68			67	70	76	104	79	74	74
6	ID:01S00765	MILTON - Telemetry Site 27	826	954	884	870	794	644	629	639	742	867	878	860	804
6	ID:06A00001	FRANKTON - Telemetry Site 90	1012	1106	1022	989	748	741	899	882	813	908	1051		1138
6	ID:08500161	GALLOWAY - Telemetry Site 89	138	153	144	129	125	97	110	115	123	132	132	145	158
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	514	625	553	451	482	450	405	369	487	509	581	492	503
6	ID:08300063	KUROW - Telemetry Site 113	186	162	144	141	95	71	78	89	107	139	136	142	254
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	362	438	463	395	421	379	410	412	428	492	489	430	399
6	ID:00601147	WINTON - Telemetry Site 46	472	534	538	471	450	395	386	395	451	548	641	603	553
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	296	292	286	242	208	124	145	154	176	206	238	244	314
6	ID:01S00854	GORE - Telemetry Site 45	550	616	577	529	516	366	373	430	527	596	586	575	585
6	ID:09400141	TE ANAU - Telemetry Site 94	170	177	160	137	83	60	64	65	88	121	157	174	177

## MADT (All Vehicles)

NZTA Region	Site Ref	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	7221	6466	6178	6698	5636	5161	5051	5304	5310	6250	6340	6620	7660
1	ID:01200026	KAIKOHE - Telemetry Site 102	1474	1368	1343	1330	1239	1127	1129	1151	1160	1296	1354	1408	1520
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	2404	2593	2632	2440	2561	2487	2521	2587	2487	2695	2785	2686	2588
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	31331	32336	31292	31562	31040	29103	30177	30077	30694	32230	32445	34033	33064
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	32120	31437	30320	30903	29680	28776	29636	29531	30049	31734	31057	32165	33919
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	11720	9928	9115	10305	8384	7741	7617	7765	7548	9380	9289	9569	12113
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB		62784		59553	63608	59164	61625	61856	60610	62790	66093	63748	60535
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB		57432		55071	57217	54172	56436	56415	54909	57039	59677	58104	57267
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	20608	19838	18998	19996	18115	16904	17501	17400	18254	20356	19758	22275	22151
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	21289	19591	18956	19545	17415	17186	17059	16910	16022	20265	18819	19836	22077
1	ID:01N00388	ALPURT - Telemetry Site 95	19454	17433	16216	16988	15210	14266	14340	14271	14157		16541	18777	20923
1	ID:01N00424	Auckland Harbour Brg - Centre Span - Telemetry Site 55	69220	72852	67993	68749	74687	71396	72391	73180	75481	75811	77437	74340	72798
1	ID:01N10424	Auckland Harbour Brg - Left Clip-on - Telemetry Site 55	38937	43482	43549	41540	44052	40988	42151	42132	42380	43564	43675	43431	41128
1	ID:01N20424	Auckland Harbour Brg - Right Clip-on - Telemetry Site 55	40096	45071	44448	42768	43948	42797	42926	43206	43923	44150	45746	47053	42057
1	ID:01610016	SH16 Royal Rd Off Ramp to Hobsonville Rd/SH18 Off Ramp WB	33621	37208	37525	35260	37282	23240	24458	24628	25192	25827	26656	26069	24903
1	ID:01620016	SH16 Royal Rd On Ramp to Hobsonville Rd On Ramp EB	34183	36600	38294	35786	38033	23870	24048	24547	24734	25309	25491	24375	24564
1	ID:01810007	SH18 Upper Harbour Bridge WB		20396	20888	19450	21038	19927	20118	20528	20842	21083	21815	20478	19666
1	ID:01820007	SH18 Upper Harbour Bridge EB	16857	19368	19542	18524	19742	18717	19064	19319	19753	19918	20722	20071	18815
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	41438	46841	46737	44754	46992	44874	45922	45863	47007	47561	48846	46932	43904
1	ID:02020012	SH20 Walmsley Rd Off Ramp to Rimu Rd Off Ramp SB	40712	45580	45169	43556	45516	43290	44627	44610	45688	46147	47404	45767	42956
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	17902	15126	14160	15410	13164	12266	12803	12651	12329	14847	14267	15095	19055
2	ID:25A00024	HIKUAUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	5461	3866	3532	3792	2722	2446	2480	2433	2521	3649	3160	3700	6528
2	ID:02700011	KAIHERE - Telemetry Site 33	4824	4696	4495	4766	4280	3924	4178	4065	4119	4622	4451	5074	5159
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	21899	22490	22274	22777	21598	21062	21454	21574	20356	22899	22974	24010	23244
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	9957	10086	9519	9914	9017	8406	8871	8687	8551	9846	9490	10412	10623
2	ID:00300014	OHAUPO - Telemetry Site 119	10143	11571	11520	10973	11602	11297	11159	11161	10584	11488	11648	11364	10353
2	ID:00300085	TE KUIITI - Telemetry Site 16 - Nth of 8 Mile Junction	4329	4303	4239	4524	3886	3733	4157	4230	4029	4355	4037	4338	4600
2	ID:03200074	West of Taupo - Telemetry Site 43	724	646	569	622	471	456	506	499	472	573	555	565	829
2	ID:01N00580	KARAPIRO - Telemetry Site 20	16098	16066	15307	15792	14702	14155	14270	13944	13809	15596	15283	16596	17079
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	10040	8399	7970	8293	7174	6830	7003	6965	6727	8195	7817	9119	10648
2	ID:01N00729	HALLETTS BAY - Telemetry Site 42	6744	6167	5261	5891	4638	4303	5195	4820	4746	5500	5177	5858	7503
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	9474	9499	8889	9485	8401	7769	8263	8001	8317	9271	8863	9947	10141
2	ID:01N90552	GREENWOOD - Telemetry Site 97	23540	25617	25458	24379	25691	24719	25143	24584	23368	25209	25457	25205	23757
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	18160	17801	17312	17296	17259			16469	17054	17694	15251	19069	19150
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	17513	17987	17465		16973	16270	16535	16226	15860	17323	17683	18275	18219
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	17773	18131	17669		17046	16386	16566	16298	15767	17382	17732	18197	18502
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	5576	5029	5096	4929	4759	4364	4498	4481	4318	5056	5041	5623	5806
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22		2998	2968	2916	2747	2627	2675	2583	2607	2883	2877	3307	3766
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	4688	4191	3967	4323	3804	3596	3581	3514	3341	3940	3963	4443	5031
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	6196	5768	5540	6186	5229	4985	5148	5005	4580	5764	5524	6141	6491
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	10462	10307	10014	10165	9462	8361	8955	8879	8630	10044		10799	11105
2	ID:00500057	WAIPA - Telemetry Site 41 - Sth of SH30	8361	8047	7483	7745	6910	6451	6984	6606	6442	7568	7501	8311	8773
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	18934	18790	18133	18386	19308	17917	18238	17780	17666	18910	19424		
2	ID:00200242	AWAKERI - Telemetry Site 92	9091	9043	9155	8640	8966	8499	8630	8524	8155	9131	9109	9580	9367
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	16232	17040	16677	16053	16702	15803	16082	16014	15534	16933	17376	17870	17129
2	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	17230	17947	17561	16777	17523	16621	16924	16851	16360	17786	18212	18342	17997
2	ID:03600014	OROPI - Telemetry Site 117	3296	3339	3270	2456	2886	2703	2839	2808	2857	3107	3180	3248	3400
3	ID:00200428	ORMOND - Telemetry Site 26	2595	2635	2532	2460	2382	2198	2294	2228	2108	2396	2492	2655	2620
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	5633	4685	4437	4462	4350	4070	3850	3798	3829	4458	4990	5301	5816
3	ID:00200627	TANGOIO - Telemetry Site 24	2492	2172	2073	2182	1984	1838	1818	1751	1772	2050	2048	2193	2548
3	ID:00500230	TE PUHUE - Telemetry Site 23 - 1km Nth of Oakmere Station Gateway	3415	3228	2940	3123	2534	2364	2562	2358	2400	2979	2674	2944	3716
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	4379	4216	3898	4055	3436	3185	3316	3239	3269	3852	3709	3957	4717
3	ID:05000010	Nth of Tutaekuri River (Telemetry Site 58)	23041	23324	23276	22229	22923	22053	22102	21931	21181	22850	23582	23823	22952

## MADT (All Vehicles)

NZTA Region	Site Ref	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	2456	2352	2311	2390	1976	1937	1943	1936	1934	2390	2122	2183	2700
3	ID:00300267	TARIKI - Telemetry Site 6	8802	9323	9417	9017	9199	8554	8924	8705	8590	9264	9506	9487	8953
3	ID:00300370	WAITOTARA - Telemetry Site 5	3773	3838	3912	3709	3501	3163	3383	3339	3146	3674	3737	3971	3905
3	ID:04500101	OHAWE BEACH Rd - Telemetry Site 71	3950	4176	3974	3716	3820	3505	3555	3715	3756	4207	4234	4274	4235
3	ID:01N00930	SANSON - Telemetry Site 38	12950	13251	12781	13037	11999	11264	11885	11568	10951	12873	12662	13813	13865
3	ID:01N00988	OHAU - Telemetry Site 56	15686	15956	15107	15495	14165	13509	14223	13897	13944	15413	15117	16482	16758
3	ID:00200755	NORSEWOOD - Telemetry Site 25	4585	4354	4180	4210	3603	3472	3492	3323	3348	4032	3908	4235	4869
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	7149	7106	7095	6883	6586	6233	6411	6253	6262	6936	7035	7680	7966
3	ID:00400133	HOROPITO - Telemetry Site 37	1993	1957	1750	2043	1471	1486	2267	2199	2201	2055	1719	1930	2317
3	ID:00400226	UPOKONGARO - Telemetry Site 28	2093	2139	2031	2017	1988	1810	1849	1855	1711	1952	2000	2150	2226
3	ID:01N00827	HIHITAHU - Telemetry Site 29	5835	5259	4546	5224	4130	3771	4195	3876	3900	4797		4915	6216
3	ID:05400049	FIELDING - Telemetry Site 106	5757	6568	6932	6242	6695	6497	6543	6613	6211	6534	6834	6696	6017
3	ID:05700014	SHANNON - Telemetry Site 107	7332	7876	7820	7746	7638	7298	7578	7427	7468	7957	7956	8159	7855
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	20662	23120	23089	21093	23097	22251	22586	22750	22293	22957	23312	22195	
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	10582	11416	11049	10594	10858	10509	10259	10358		11020	11420	11601	11165
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	6286	6037	6167	5665	5374	5216	5017	4958	5123	5785	5915	6355	6877
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	23651	24676	23925	23291	22926	22146	22788	22459	22186	23879	24022	24904	25009
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	19970	22740	22891	20818	22849	22019	22276	22610	21232	22682	23178	21917	20694
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	12881	13959	14362	13379	13975	13508	13367	13524	12879	14108	14380	14092	13650
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	19310	22240	22323	19938	22180	21102	21466	21512	21246	22011	22295	21019	
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	18862	21824	21982	19897	21792	20716	21013	21157	20056	21646	21923	20670	17656
4	ID:00210965	KELSON - Telemetry Site 99 - SB	16071	17578	17562		17220	16648	16648	16685	15847	17294	17652	17016	16866
4	ID:00220965	KELSON - Telemetry Site 99 - NB	15102	16870	16820		16747	16038	16004	16094	15284	16597	16930	16517	16073
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	22883	22935	22769	21341	21817	20833	21407	21311	20621	22348	23266	23972	23923
4	ID:00600232	MURCHISON - Telemetry Site 35	2491	2374	1989	2098	1484	1275	1404	1316	1385	1750	1862	1922	2776
4	ID:00600100	HIRA - Telemetry Site 36	3918	3847	3526	3282	2899	2548	2691	2731	2641	3162	3408	3746	4167
4	ID:06000040	SH60 Riwaka Telemetry Site 86	5835	5314	4219		2984	2582	2496	2641	2589	3413	3805	4187	6858
4	ID:01S00037	Blenheim Telemetry Site 87			4075	4414	3574	3297	3544	3405	3469	3931	4071	4477	4733
4	ID:06300096	ST ARNAUD - Telemetry Site 93	444	485	427	416	277	220	242	231	237	335	356	373	521
4	ID:06000006	RICHMOND - Telemetry Site 112	11832	11535	10862	9958	9820	9231	9229	9415	9133	10288	10779	11870	12976
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	11911	12217	11699	11899	10742	10075	10734	10443	10142	11746	12133	12769	12439
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	20596	21142	20864	20702	20635	19520	20049	19645	19114	21439	21590	22559	21159
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	1935	1918	1867	1782	1303	1228	1433	1552	1484	1690	1698		2169
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	3362	3137	2553	2772	2183	1857	1808	1489	2013	2566	2724	2856	3688
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	6599	6798	6469	6757	6104	5595	5744	5672	5567	6629	6504	6989	6688
5	ID:00700108	LEWIS PASS - Telemetry Site 32	1669	1407	1190	1433	1008	839	917	843	886	1185	1134		1812
5	ID:01S00285	WAIPARA - Telemetry Site 52 - (WIM Site)	9363	8735	7823	8685				6704	7015	8415	8441	9342	9873
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	23110	24265	23306	22197	23374	22364	23386	23043	22943	23937	24006	23918	23694
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	21968	23701	23056	21694	23105	21730	22558	22180	22124	23485	23805	24003	22406
5	ID:00800059	FAIRLIE - Telemetry Site 98 (New Dec 09)	3464	3049	2805	3180	2000	1881	2106	2101	1934	2466	2643	2800	
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	10944	12128	11414	10450	11357	10654	10555	10619	10414	11430	12214	11610	
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	3457	3494	3277	3128	2595	2398	2660	2540	2649	3101	3250	3448	3685
5	ID:00700239	AHAURA - Telemetry Site 40	1344	1364	1302	1312	1193	1021	1099	1098	1077	1258	1283		1380
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	1277	1317	1149	1032	716	646	699	667	703	932		1081	1384
5	ID:00600753	HAAST - Telemetry Site 111	1305	1341		1048	580	447	476	503	676	991	1063	1065	1466
6	ID:00600895	WANAKA - Telemetry Site 109		3924	3803	4596	2879	2750	3140	3172	2927	3420	3599	3817	4925
6	ID:00800263	TARRAS - Telemetry Site 110	2354	1963	1776	2199	1187	1039	1270			1547	1696	1719	2952
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	2891	2591	2353	2608	1967	1839	1860	2039	2094	2298	2286	2392	3104
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	14367			15390			15726	15672	15068	16321	16466	16179	14753
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	10176			10614			11035	10859	10445	11155	11333	11149	9925
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	2335			2384			2494	2535	2504	2607	2660	2612	2323
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	2883			2926			3019	3111	3098	3234	3474	3306	3055

MADT (All Vehicles)

NZTA Region	Site Ref	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	2854			3056			3197	3255	3124	3396	3594	3402	3392
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	1969			2023			2012	2057	2049	2353	2284	2183	2174
6	ID:01S00765	MILTON - Telemetry Site 27	6436	6930	6581	6761	6128	5715	5715	5573	5688	6396	6505	6842	6669
6	ID:06A00001	FRANKTON - Telemetry Site 90	21430	21335	19939	20632	17090	17859	20166	20243	18114	19251	20598		22452
6	ID:08500161	GALLOWAY - Telemetry Site 89	2329	2194	1975	1966	1842	1701	1772	1878	1913	1998	2073	2348	2503
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	8252	9337	9142	8039	8564	8300	8155	8078	8686	8687	8972	8600	8208
6	ID:08300063	KUROW - Telemetry Site 113	1565	1275	1143	1176	807	702	727	757	794	1081	1062	1149	2036
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	10527	12539	11812	10613	11554	10830	10961	11198	10670	12193	12668	11475	10161
6	ID:00601147	WINTON - Telemetry Site 46	4532	5093	5107	4839	4866	4643	4586	4678	4549	5016	5344	5302	4900
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	2788	2667	2399	2212	1596	1393	1428	1414	1607	1928	2151	2389	2884
6	ID:01S00854	GORE - Telemetry Site 45	4117	4628	4235	4213	4052	3689	3802	3781	3859	4306	4301	4455	4278
6	ID:09400141	TE ANAU - Telemetry Site 94	1775	1803	1560	1381	831	650	634	677	791	1079	1393	1597	1785