



Traffic Volumes Monthly Report July 2015

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Quality Assurance Statement

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Revision Schedule

Rev. No	Date	Description	Prepared by	Reviewed by	Approved by
1	10/07/2015	Final	Gerald Wen		

Overview

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

July 2015 State Highway Traffic Highlight

Light Vehicles

Nationally, the MADT for light vehicles was up 5.2%, when compared to the same period last year.

All regions had an increase with a range of 1.1% to 6.8%.

It is worth noting that the higher growth in region 1 for both light and heavy MADT is partially to be attributed to the last July's lower growth which was impacted by the flood.

Heavy Vehicles

Nationally, the MADT for heavy vehicles was up 2.7%, when compared to the same period last year.

The growth showed differences by region; four of six regions showed an increase, one region was unchanged and one region recorded a decrease.

Related business information

According to Statistics NZ, "Retail spending using electronic cards was \$4.6 billion in July 2015, up \$244 million (5.6 percent) from July 2014."

According to ANZ NZ, "Business confidence slipped further into the red in July. Agriculture remains the standout downbeat sector. The mover and shaker this month was the construction sector, which showed the largest monthly fall in own activity..."

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 vehicles¹. 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.

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.

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.

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.

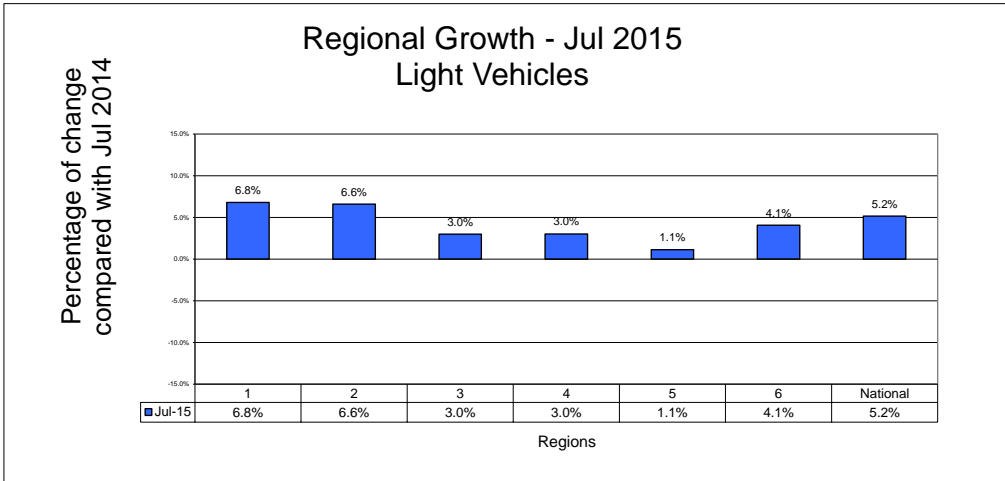
Sources of variation in MADT The number of weekends in a specific month can affect the MADT comparability between years. Also, public holidays that occur in different months can affect comparisons between years. This report does not attempt to compensate for these variations.

¹ Heavy vehicles are those with a gross vehicle mass exceeding 3.5 tonnes.

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
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.

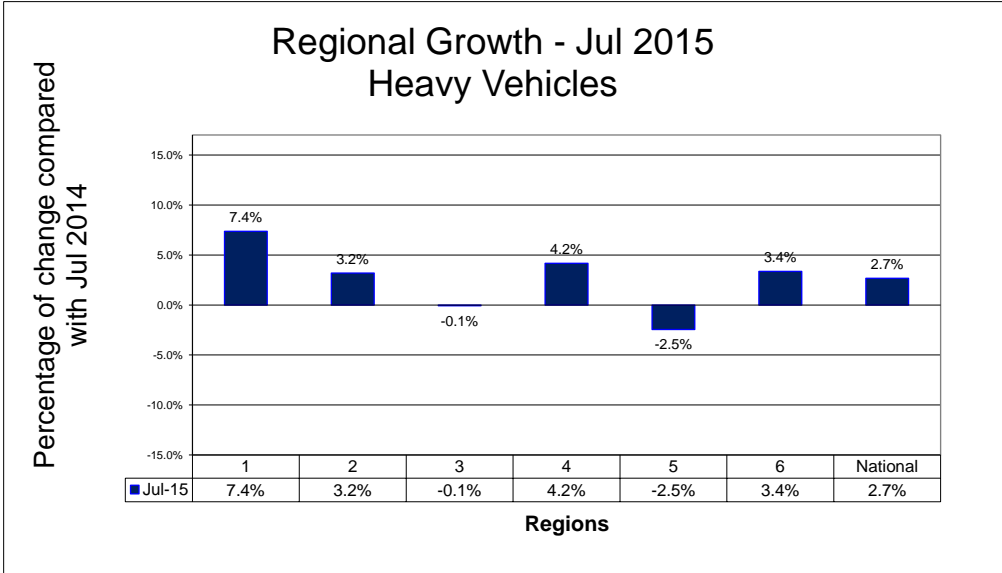
All sites A table of MADT (light vehicles) values for the past thirteen months is attached to this report.

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

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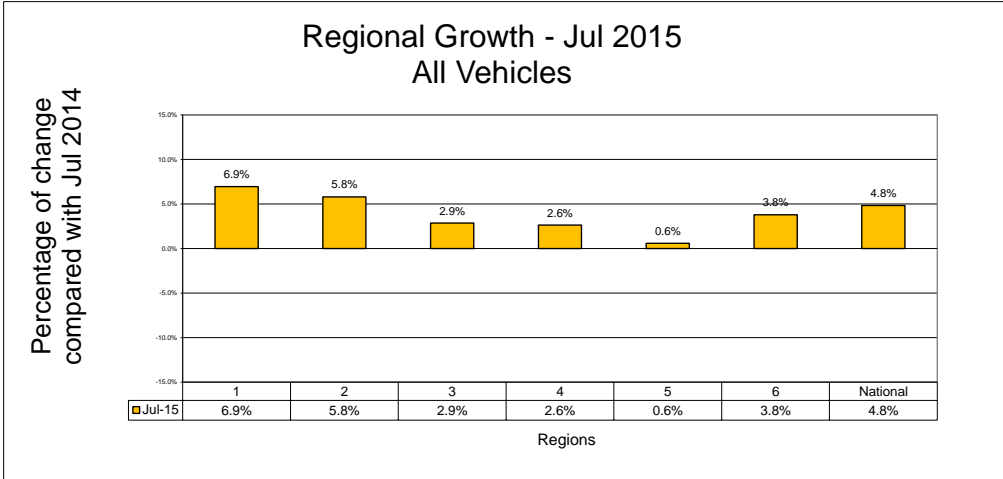
All sites

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.



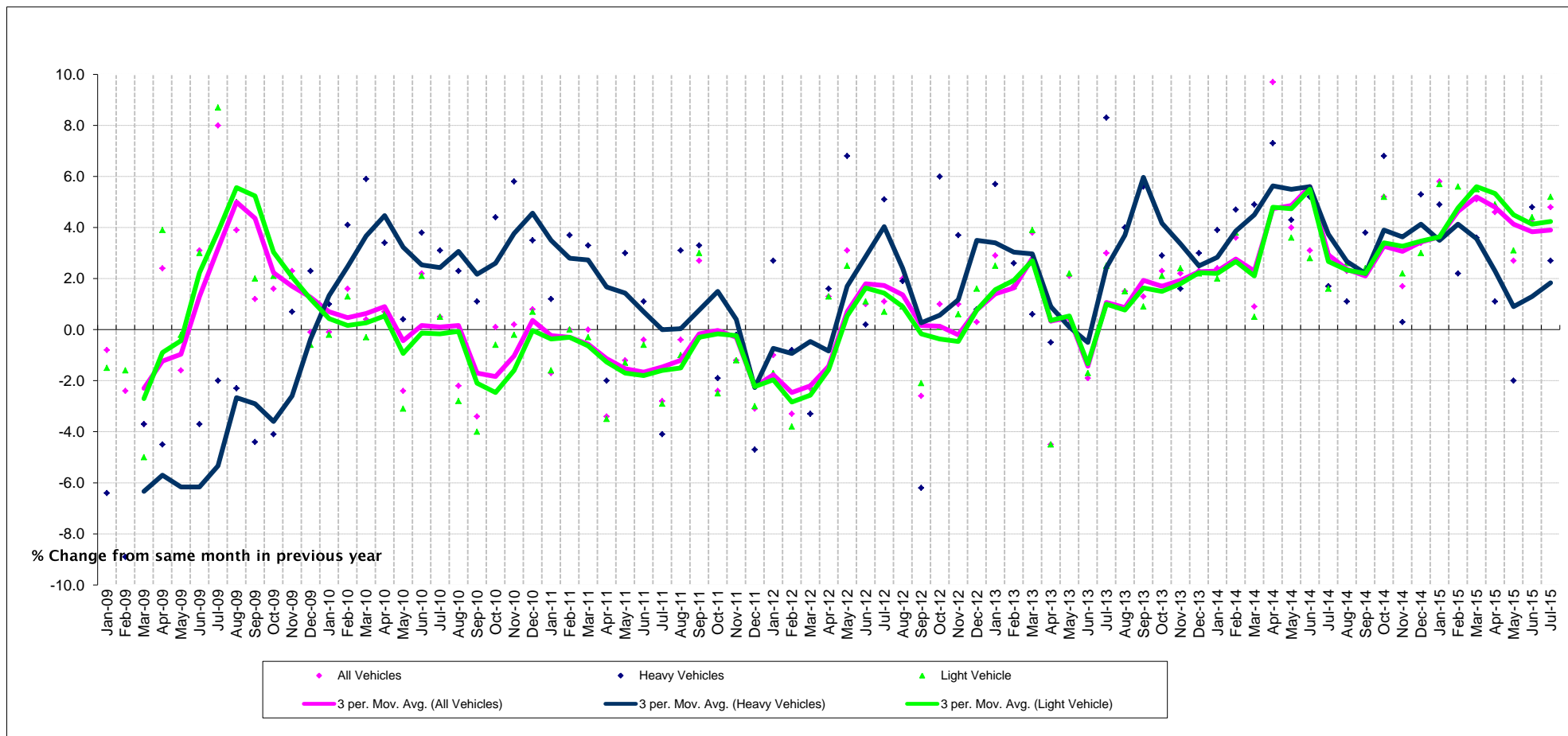
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Summary of MADT Change from Same Month in Previous Year

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			2015		
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	4.7	5.6	2.2
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	5.1	5.5	3.6
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	4.6	4.9	1.1
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	2.7	3.1	-2.0
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	4.2	4.4	4.8
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	4.8	5.2	2.7
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			

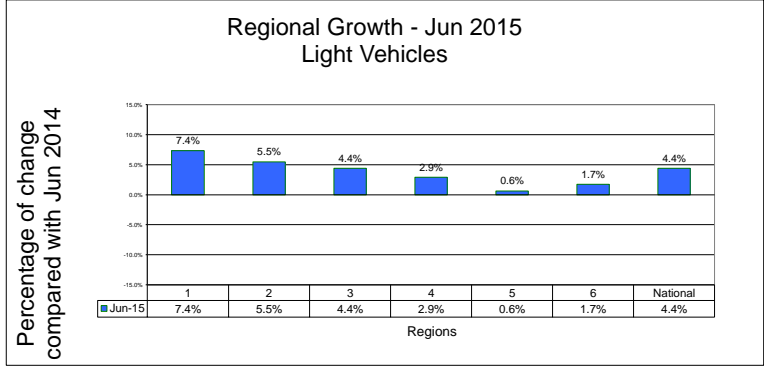
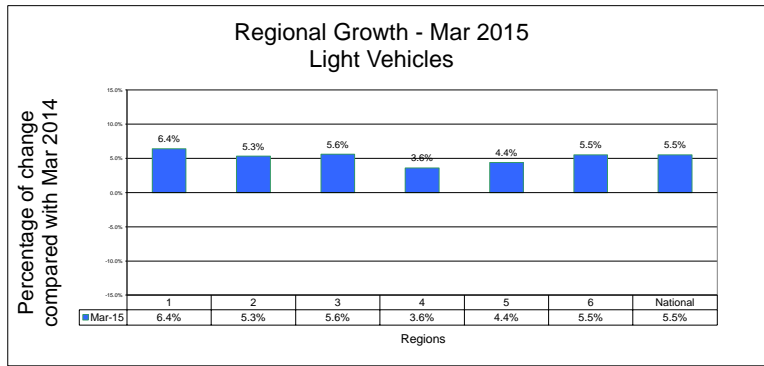
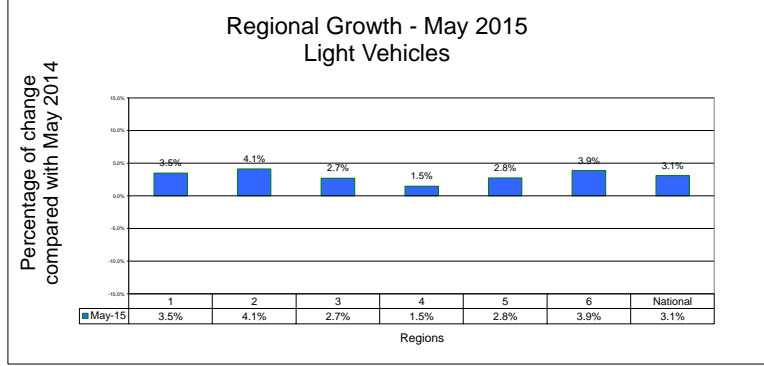
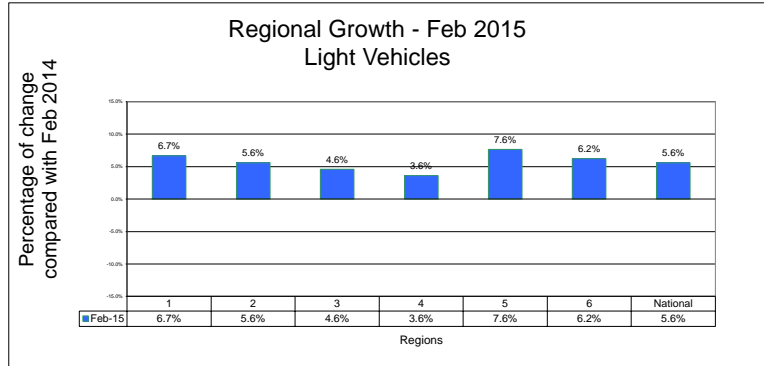
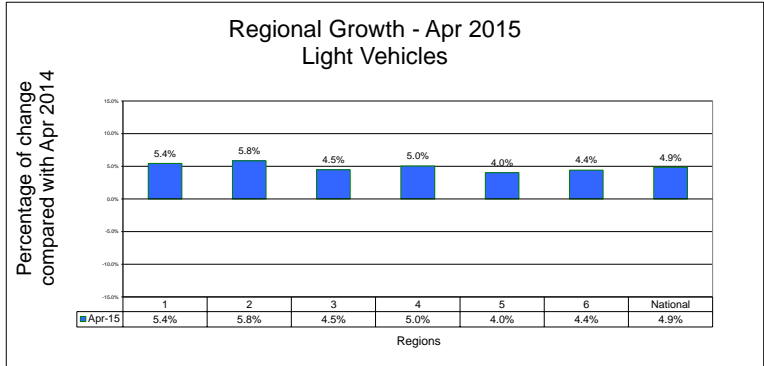
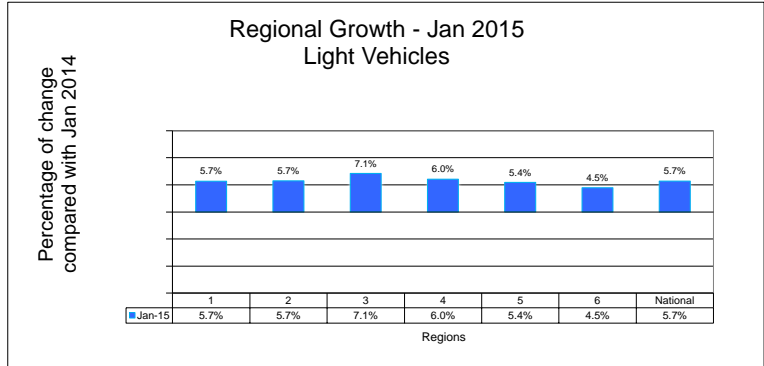
Appendices

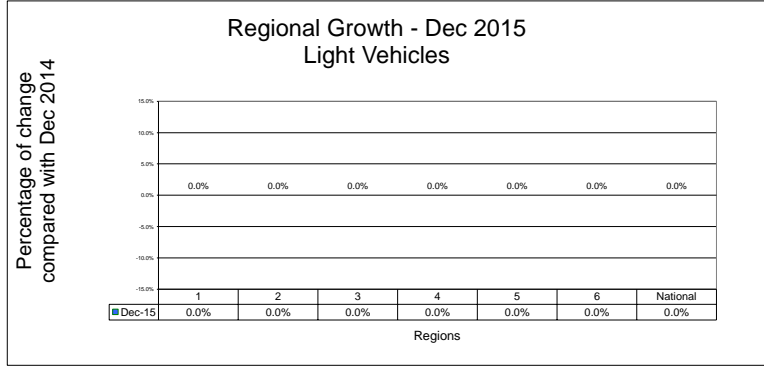
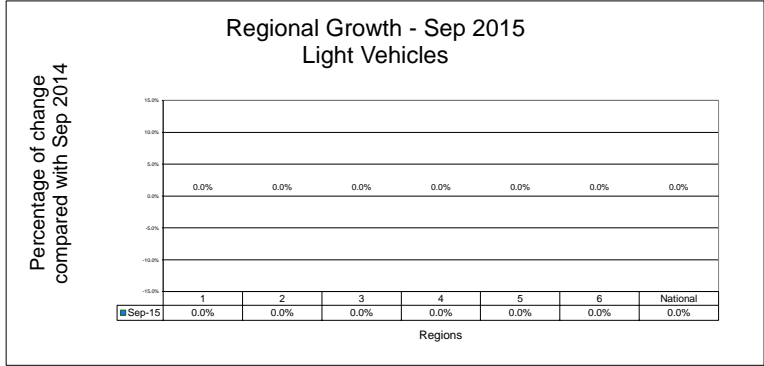
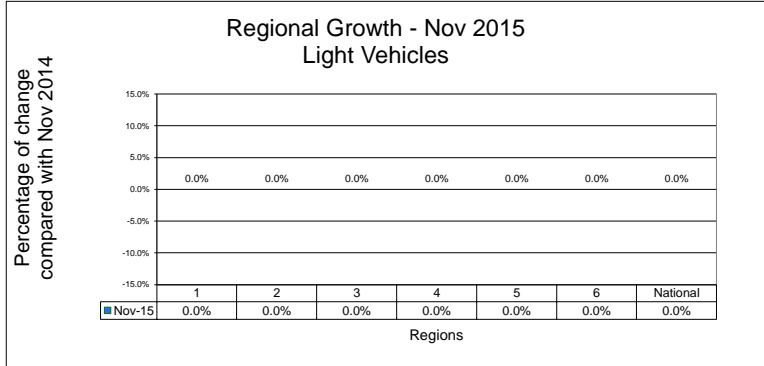
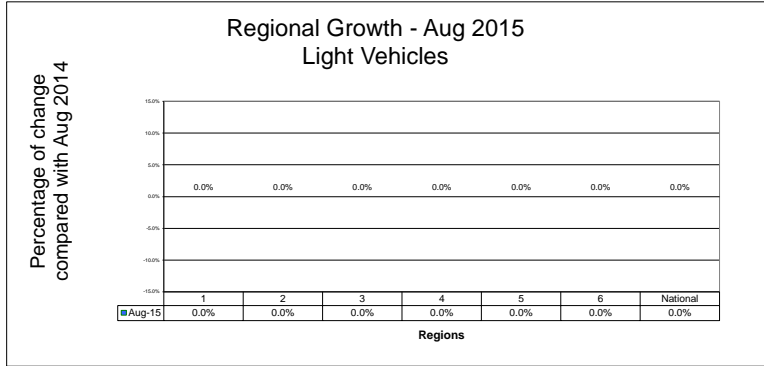
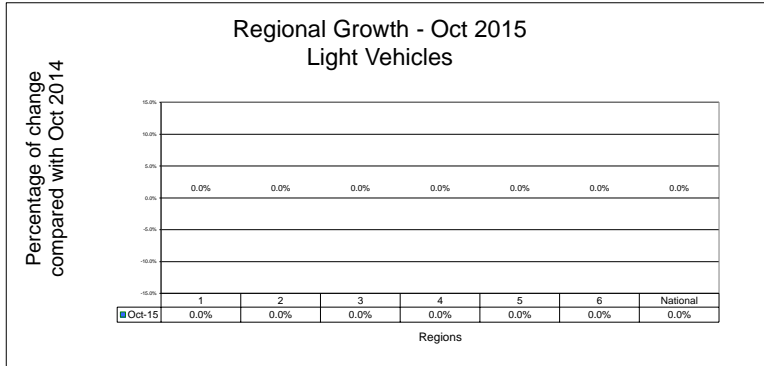
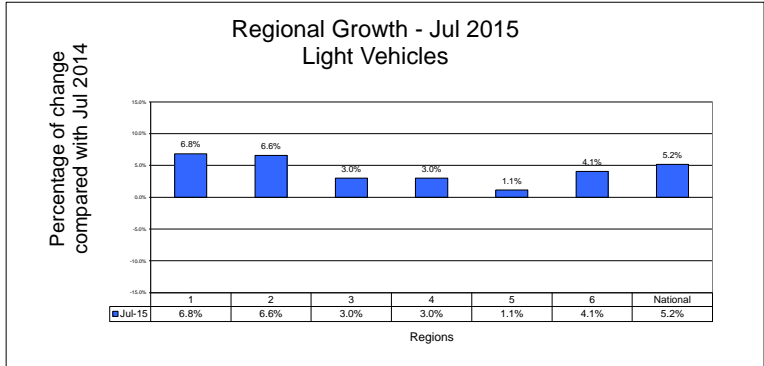
Current Year Growth Graphs

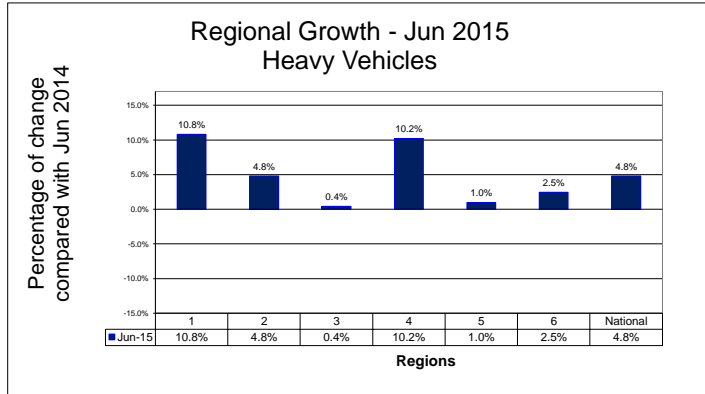
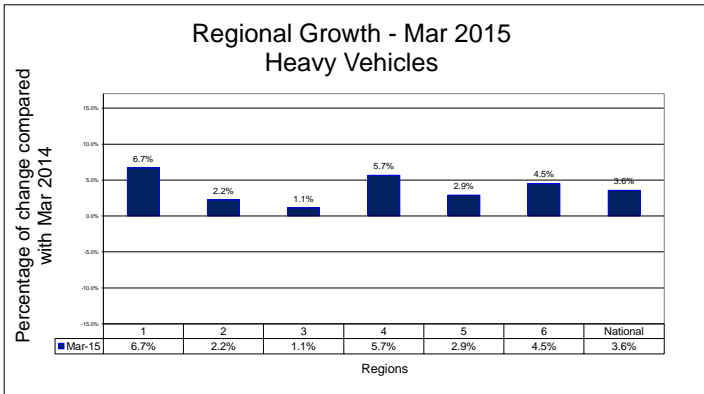
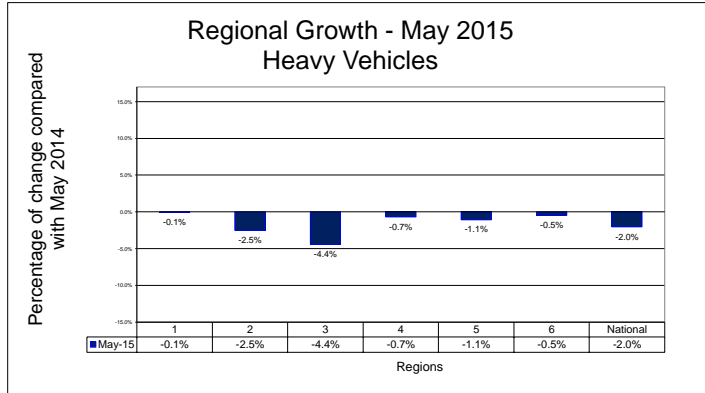
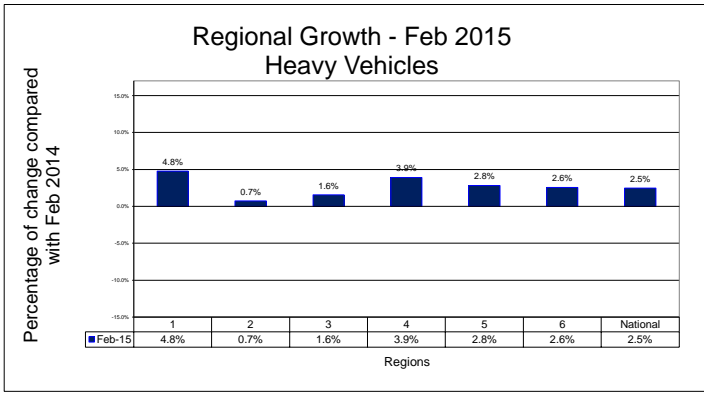
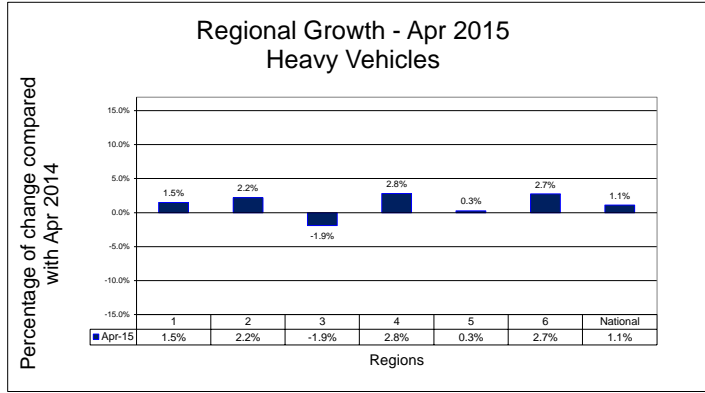
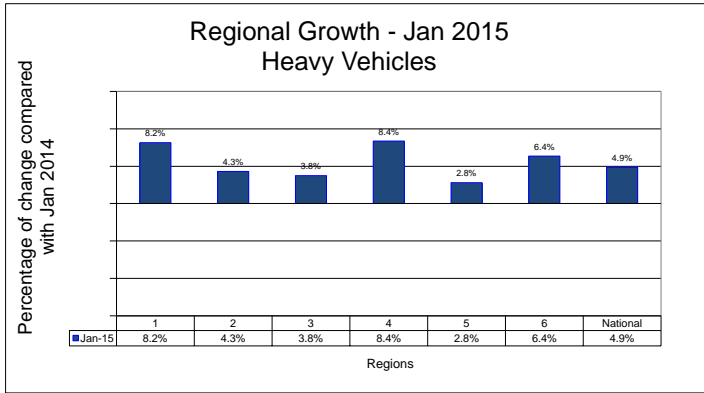
- Light Vehicles
- Heavy Vehicles
- All Vehicles

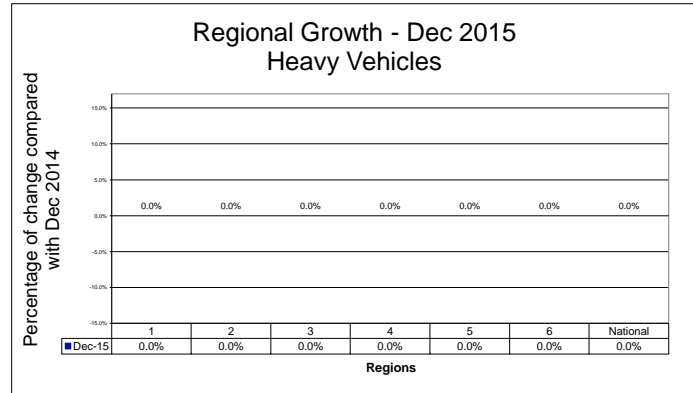
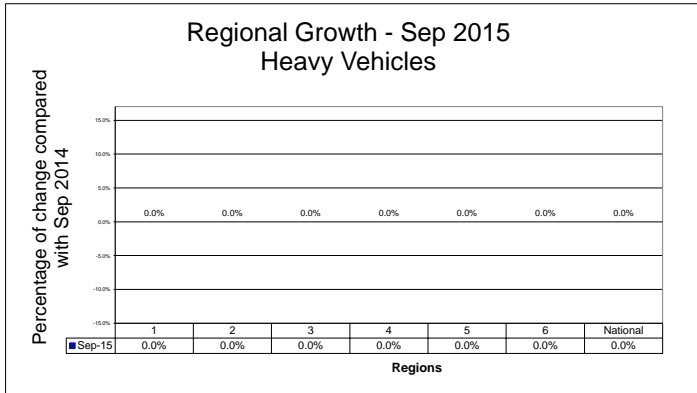
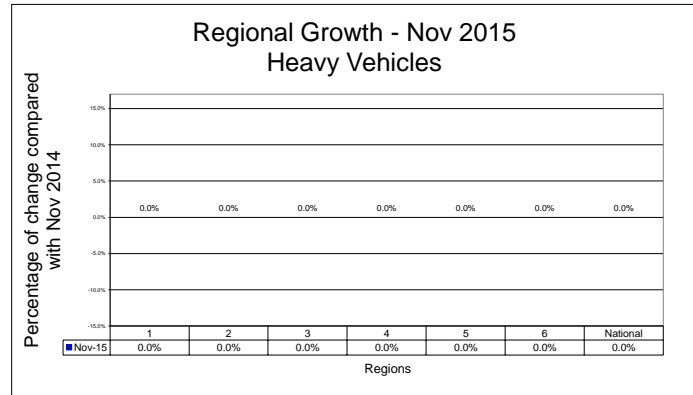
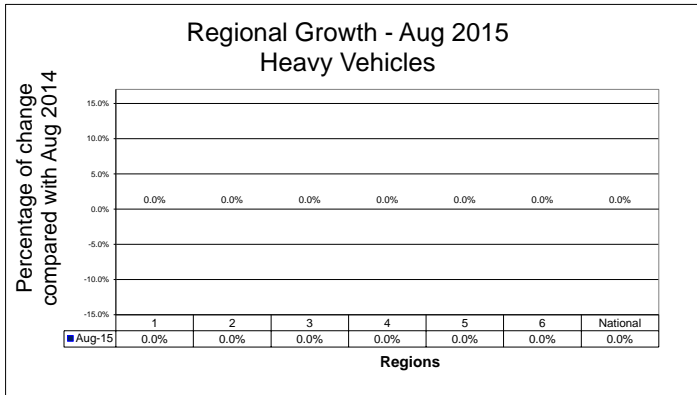
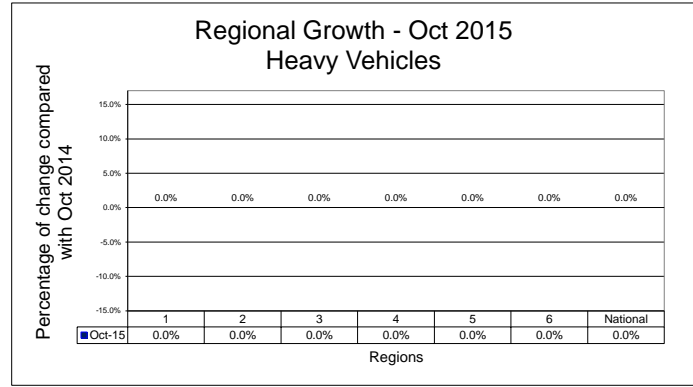
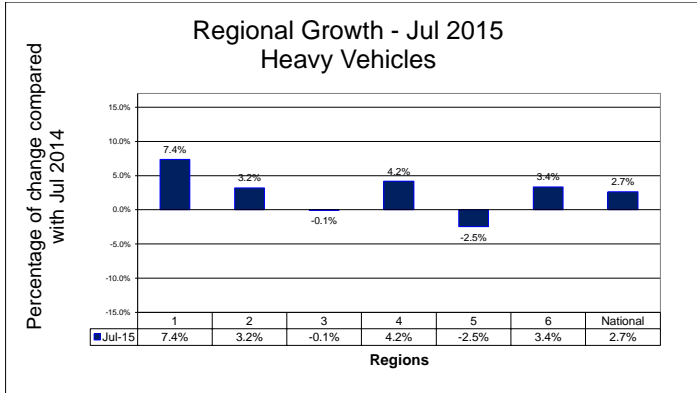
MADTs of the sample sites for the past thirteen months

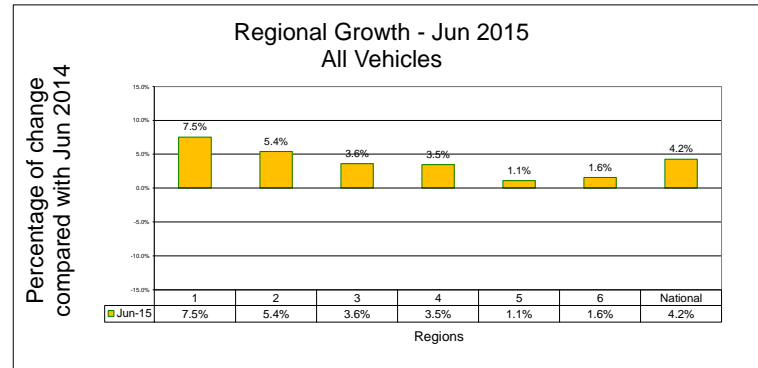
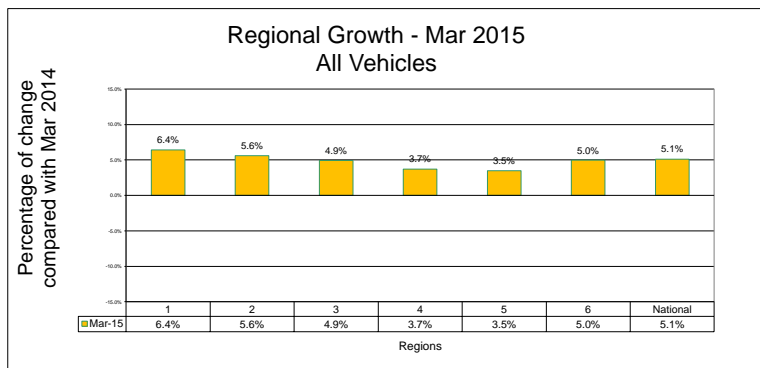
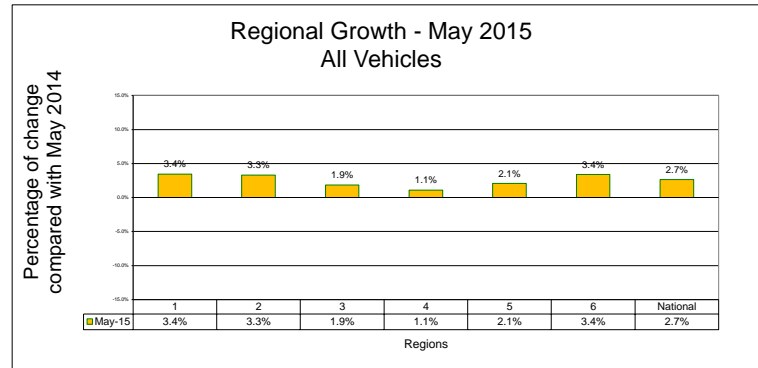
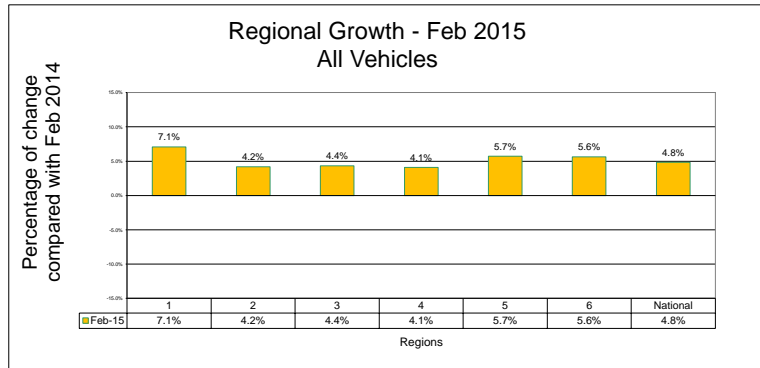
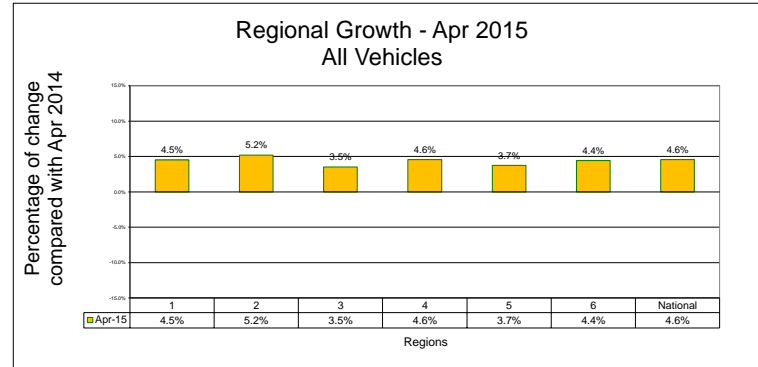
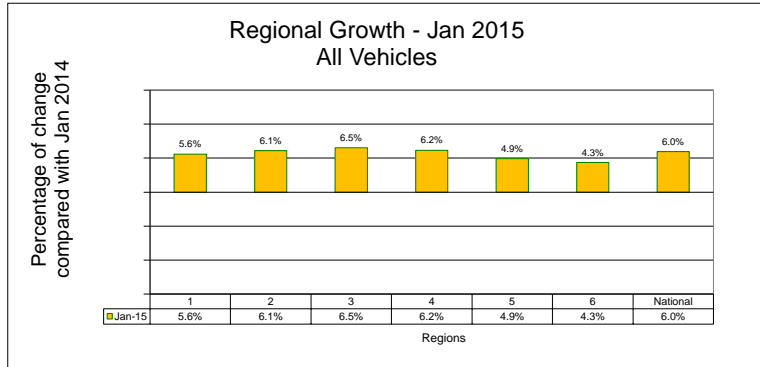
- Light Vehicles
- Heavy Vehicles
- All Vehicles











MADT (Light Vehicles)

NZTA Region	Site Ref	Description	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
3	ID:00500230	TE POHUE - Telemetry Site 23	2082	1876	1933	2454	2181	2510	3213	2759	2566	2763	1977	1949	2114
3	ID:00500259	ESKDALE - Telemetry Site 101 - (Wim Site)	2689	2609	2660	3185	3046	3386	4066	3469		3492	2754	2730	2883
3	ID:05000010	Nth of Tutaekuri River (Telemetry Site 58)	20699	20628	19864	21429	22109	22374	21460	22783	23003	22317	22026	21813	21184
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	1536	1490	1499	1897	1676	1795	2236	1955	1939	2001	1533	1564	1730
3	ID:00300267	TARIKI - Telemetry Site 6	8028	7713	7526	8109	8384	8420	7890	8436	8429	8193	8251	8101	8268
3	ID:00300370	WAITOTARA - Telemetry Site 5	2872	2735	2620	3068	3030	3293	3241	3295	3298	3179	2964	2603	2872
3	ID:04500101	OHAWA BEACH Rd - Telemetry Site 71	3274	3279	3155	3518	3568	3684	3652	3650	3494	3424	3401	3186	3214
3	ID:01N00930	SANSON - Telemetry Site 38	10446	10102	9533	11206	10913	12116	12165	12171	11810	11835	10862	10295	11128
3	ID:01N00988	OHAU - Telemetry Site 56	12796	12521	12472	13802	13480	14941	15229	14815	14312	14509	13068	12542	13515
3	ID:00200755	NORSEWOOD - Telemetry Site 25	2983	2804	2806	3402	3245	3615	4126	3842	3611	3724	3101	2907	3186
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	5695	5530	5542	6147	6166	6819	7058	6840			5961	5774	5831
3	ID:00400133	HOROPITO - Telemetry Site 37	1984	1947	1939	1787	1453	1671	2031	1734	1567	1729	1275	1263	1890
3	ID:00400226	UPOKONGARO - Telemetry Site 28	1680	1702	1557	1777	1817	1975	2034	2031	1946	1931	1687	1388	1203
3	ID:01N00827	HIHITAHU - Telemetry Site 29	3356	3118	3087	3869		4052	5194	4143	3957	3548	3114	3154	3863
3	ID:05400049	FIELDING - Telemetry Site 106	6327	6400	5994	6308	6563	6393	5728	6592	6703	6410	6724	6808	6926
3	ID:05700014	SHANNON - Telemetry Site 107	6865	6724	6694	7119	7130	7401	7132	7611	7398	7368	7112	6641	7291
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	21898	22083	21569	22238	22550	21485		22752		21577	21994	21707	
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	9757	9825		10216	10590	10818	10410		10667	10559	10565	10282	9617
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	4750	4690	4826	5453	5555	5995	6498	6351	5884	6063	5287	5157	4946
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	20850	20573	20176	21713	21782	22806	23020	23099	22105	22107	20508	20070	21275
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	21578	21939	20548	21981	22433	21227	20045	21992		20577	21100	20750	21037
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	12889	13043	12412	13580	13827	13579	13095	14303	14267	13439	13580	13193	13088
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	20802	20868	20570	21300	21572	20349		23908					
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	20109	20264	19164	20679	20952	19752	17070	19599					
4	ID:00210965	KELSON - Telemetry Site 99 - SB	15904	15980	15163	16552	16919	16328	16174	17268	17117	16413	16566	16465	16358
4	ID:00220965	KELSON - Telemetry Site 99 - NB	15408	15514	14690	15936	16283	15908	15453	16752	16603	15837	16025	15877	15922
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	20133	20108	19412	21034	21926	22739	22526	22511	22265	20924	21399		20774
4	ID:00600232	MURCHISON - Telemetry Site 35	1166	1078	1137	1450	1547	1647	2370	2156	1786	1828	1242	1137	1146
4	ID:00600100	HIRA - Telemetry Site 36	2277	2299	2218	2673	2907	3274	3652	3552	3173	3014	2569	2369	2451
4	ID:06000040	SH60 Riwaka Telemetry Site 86	2343	2471	2403	3177	3543	3937	6470	5097	4043	3653	2823	2457	2490
4	ID:01S00037	Blenheim Telemetry Site 87	2950	2812	2795	3182	3314	3798	3996	3913	3649	3651	2940	2853	3050
4	ID:06300096	ST ARNAUD - Telemetry Site 93	216	204	212	296	317	335	470	471	409	392	239	196	218
4	ID:06000006	RICHMOND - Telemetry Site 112		8952	8642	9722	10167	11265	12303	11353	10695	10195	9827	9353	9401
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (L TSA)	9343	9049	8628	10022	10329	10949	10602	11116	10532	10945	9725	9251	9868
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	18654	18139	17432	19473	19684	20671	19418	19980	19316	19295	18644	18277	18472
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	1234	1369	1276	1436	1446		1863	1616	1578	1729	1238	1217	1612
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	1422	1131	1507	1964	2111	2364	3090	2831	2330	2518	1732	1510	1676
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	4970	4792	4558	5519	5431	5888	5625	5928	5507	5955	5207	4870	5088
5	ID:00700108	LEWIS PASS - Telemetry Site 32	755	679	726	979	929		1520	1340	1056	1181	782	681	745
5	ID:01S00285	WAIPIARA - Telemetry Site 52 - (WIM Site)		5695	5833	7046	7052	8009	8500	7998	7010	7783	6326	5895	6127
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	21886	21562	21319	22201	22295	22323	22041	22374	21737	21444	21085	21073	21569
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	21261	20908	20725	21967	22289	22538	21036	22929	22496	21580	21862	21392	21402
5	ID:00800059	FAIRLIE - Telemetry Site 98 (New Dec 09)	1913	1902	1713	2175	2321	2481			2521	2742	1836	1640	2024
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	8655	8809	8420	9379	10113	9713			9804	9422	9477	9209	8793
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	2429	2280	2294	2665	2805	3040	3245	3329	3159	2862	2504	2303	2437
5	ID:00700239	AHAURA - Telemetry Site 40	952	928	897	1037	1057		1158	1166	1125	1077	943	883	926
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	640	602	619	826		976	1263	1340	1100	958	696	565	607
5	ID:00600753	HAAST - Telemetry Site 111	429	448	609	899	965	977	1351	1453	1167	936	532	390	441

MADT (Light Vehicles)

NZTA Region	Site Ref	Description	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
6	ID:00600895	WANAKA - Telemetry Site 109	2929	2967	2706	3158	3329	3545	4575	4251	3970	3983	2942	2852	3157
6	ID:00800263	TARRAS - Telemetry Site 110	1105			1333	1455	1542	2664	2011	1712	1897	1072	905	1150
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	1683	1837	1881	2066	2048	2152	2782	2495	2182	2336	1828	1700	1785
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	14985	14929	14286	15409	15580	15365	13966	15934	15820	15402	15859	15386	15401
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	10450	10275	9815	10454	10642	10512	9312	10943	10832	10691	11000	10686	10778
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	2363	2403	2371	2466	2513	2481	2199	2494	2441	2395	2517	2572	2582
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	2811	2901	2876	3001	3234	3087	2844	3239	3195	3008	3115	2994	3155
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	3061	3115	2991	3237	3426	3252	3244	3548	3538	3291	3323	3141	3204
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	1945	1987	1973	2249	2205	2109	2100	2207	2213	2030	2096	2052	2037
6	ID:01S00765	MILTON - Telemetry Site 27	5086	4934	4946	5529	5627	5982	5865	6355	5957	6209	5457	5046	5163
6	ID:06A00001	FRANKTON - Telemetry Site 90	19267	19361	17301	18343	19547		21314	21471	20648	20081	17664	18693	20606
6	ID:08500161	GALLOWAY - Telemetry Site 89	1662	1763	1790	1866	1941	2203	2345	2101	1932	1924	1823	1713	1790
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	7750	7709	8199	8178	8391	8108	7705	8563	8617	8017	8125	7766	7737
6	ID:08300063	KUROW - Telemetry Site 113		668	687	942	926	1007	1782		1025	1077	720	634	650
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	10551	10786	10242	11701	12179	11045	9762	11321	11463	10565	11497	11142	10736
6	ID:00601147	WINTON - Telemetry Site 46	4200	4283	4098	4468	4703	4699	4347	4733	4731	4419	4453	4128	4206
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	1283	1260	1431	1722	1913	2145	2570	2550	2283	2151	1443	1262	1316
6	ID:01S00854	GORE - Telemetry Site 45	3429	3351	3332	3710	3715	3880	3693	4035	3884	4021	3624	3355	3498
6	ID:09400141	TE ANAU - Telemetry Site 94	570	612	703	958	1236	1423	1608	1835	1583	1278	817	606	607

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	593	618	655	741	765	716	815	838	771	741	668	615	607
1	ID:01200026	KAIKOHE - Telemetry Site 102	68	57	62	70	76	67	74	97	98	87	75	74	68
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	311	342	335	361	372	307	299	326	304	308	294	286	293
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	2673	2645	2803	2913	2947	2772	2737	2985	3029	2767	2859	2807	2801
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	2550	2526	2677	2802	2806	2572	2663	2832	2876	2609	2706	2664	2673
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	851	887	910	1057	1077	961	1199	1160	1075	1061	980	953	954
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB	3810	3784	3878	3678	4345	4126	3818	4323	3990	3638	3915	3941	3892
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB	3586	3486	3444	2983	4014	3722	3624	4021	3793	3497	3688	3623	3563
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	2118	2056	2216	2322	2355	2357	2334	2495	2495	2307	2286	2256	2274
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	1885	1826	1846	2292	2133	2068	2164	2249	2278	2036	1974	1954	1992
1	ID:01N00388	ALPURT - Telemetry Site 95	1174	1151	1212		1423	1491	1578	1531	1500	1428	1349	1335	1299
1	ID:01N19424	Auckland Harbour Bridge - Classifier Site No 1 - SB	4111	3981	4195	4275	4943	4652	4528	5201	5340	4636	4788	4975	5054
1	ID:01N29424	Auckland Harbour Bridge - Classifier Site No 1 - NB	4299	4150	4427	4505	4772	4359	4172	4933	5184	4677	4889	4955	5044
1	ID:01610016	SH16 Royal Rd Off Ramp to Hobsonville Rd/SH18 Off Ramp WB	1009	984	1037	1092	1081	1002	988	1133	1129	1018	1057	1070	1069
1	ID:01620016	SH16 Royal Rd On Ramp to Hobsonville Rd On Ramp EB	1038	1044	1098	1128	1113	1005	1044	1192	1204	1103	1121	1120	1123
1	ID:01810007	SH18 Upper Harbour Bridge WB	780	788	828	847	842	784	762	879	912	843	871	872	853
1	ID:01820007	SH18 Upper Harbour Bridge EB	745	748	777	798	800	765	711	826	861	781	819	831	800
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	3396	3453	3635	3628	3654	3366	3159	3679	3724	3432	3675	3630	3669
1	ID:02020012	SH20 Walmsley Rd Off Ramp to Rimu Rd Off Ramp SB	3443	3499	3635	3618	3653	3413	3167	3733	3750	3465	3706	3664	3737
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	1688	1654	1679	1894	1917	1699	1971	2024	2082	1900	1876	1769	1742
2	ID:25A00024	HIKUAU - Telemetry Site 76 - 1.3km after Kitahi Rd	210	221	235	334	302	324	517	385	339	334	247	238	230
2	ID:02700011	KAIHERE - Telemetry Site 33	829	815	881	949	987	965	910	1010	1001	952	966	890	863
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	2133	2147	2203	2466	2532	2448	2323	2520	2498	2369	2315	2283	2236
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	1379	1380	1478	1660	1650	1592	1569	1947	2137	1945	1841	1675	1736
2	ID:00300014	OHAUPO - Telemetry Site 119	623	618	641	741	715	771	897	692	853		697	685	613
2	ID:00300085	TE KUITI - Telemetry Site 16 - Nth of 8 Mile Junction	655	676	686	754	736	675	726	753	773	719	691	638	683
2	ID:03200074	West of Taupo - Telemetry Site 43	52	46	49	61	76	67	107	109	90	80	62	55	54
2	ID:01N00580	KARAPIRO - Telemetry Site 20	1438	1511	1648	1806	1848	1827	1902	1977	1909	1889	1618	1573	1536
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	737	734	754	897	880	882	950	938	956	852	801	750	744
2	ID:01N00729	HALLETT'S BAY - Telemetry Site 42	738	667	750	810	853	774	913	991	944	827	811	762	720
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	1364	1354	1567	1706	1676	1630	1587	1725	1836	1666	1532	1389	1387
2	ID:01N90552	GREENWOOD - Telemetry Site 97	1967	1926	1860	2046	2084	1963	1878	2110	2112	1980	2026	2020	2013
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass		1117	1260	1252	1243	1222	1250	1325	1339	1297	1327	1206	1153
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	856	837	747	743	757	734	753	992	1028	957	923	808	692
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	978	964	803	802	822	803	826	1453	1587	1564	1511	1421	1410
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	661	681	677	776	760	747	734	749	703	753	779	661	645
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22	328	319	352	347	367	368	418	410	403	391	352	354	320
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	525	504	532	601	598	566	580	613	618	577	525	493	489
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	557	548	537	687	708	682	690	751	735	724	630	563	578
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	1251	1285	1408	1608		1575	1477	1652	1698	1644	1525	1321	1302
2	ID:00500057	WAIPA - Telemetry Site 41 - Sth of SH30	765	726	784	883	883	828	913	928	956	844	784	737	780
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	1923	1789	1913	2092	1999			1963	2092	2063	2159		
2	ID:00200242	AWAKERI - Telemetry Site 92	607	620	646	778	707	683	733	740	713	704	655	619	608
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	1135	1163	1204	1345	1312	1295	1230	1408	1428	1368	1326	1172	1198
	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	1186	1211	1240	1376	1346	1318	1236	1384	1401	1361	1348	1225	1252
	ID:03600014	OROI - Telemetry Site 117	188	186	201	235	248	358	242	291	278	204	185	158	170
3	ID:00200428	ORMOND : Telemetry Site 26	230	231	217	253	278	269	289	342	344	295	276	269	258
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	516	449	471	576	589	527	523	635	585	506	524	488	458
3	ID:00200627	TANGOIO - Telemetry Site 24	334	316	311	351	385	363	442	442	448	393	389	362	323
3	ID:00500230	TE POHUE - Telemetry Site 23	480	482	467	525	493	434	503	556	557	539	498	468	434

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jul - 14	Aug - 14	Sep - 14	Oct - 14	Nov - 14	Dec - 14	Jan - 15	Feb - 15	Mar - 15	Apr - 15	May - 15	Jun - 15	Jul - 15
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	627	630	609	667	663	571	651	716		680	623	628	584
3	ID:05000010	Nth of Tutaeakuri River (Telemetry Site 58)	1403	1303	1317	1421	1473	1449	1492	1673	1808	1700	1644	1555	1402
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	407	446	435	493	446	388	464	457	458	417	408	398	428
3	ID:00300267	TARIKI - Telemetry Site 6	896	992	1064	1155	1122	1067	1063	1126	1138	998	959	860	937
3	ID:00300370	WAITOTARA - Telemetry Site 5	511	604	526	606	707	678	664	710	661	714	603	479	525
3	ID:04500101	OHAWA BEACH Rd - Telemetry Site 71	281	436	601	689	666	590	583	538	499	447	348	249	271
3	ID:01N00930	SANSON - Telemetry Site 38	1439	1466	1418	1667	1749	1697	1700	1808	1785	1627	1560	1428	1458
3	ID:01N00988	OHAU - Telemetry Site 56	1427	1376	1472	1611	1637	1541	1529	1641	1649	1490	1473	1451	1465
3	ID:00200755	NORSEWOOD - Telemetry Site 25	509	519	542	630	663	620	743	712	700	646	569	534	522
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	716	723	720	789	869	861	908	995			812	742	711
3	ID:00400133	HOROPITO - Telemetry Site 37	283	252	262	268	266	259	286	309	318	285	259	250	269
3	ID:00400226	UPOKONGARO - Telemetry Site 28	169	153	154	175	183	175	192	198	204	189	182	145	140
3	ID:01N00827	HIHITAHU - Telemetry Site 29	839	758	813	928		863	1022	1087	1015	907	865	827	845
3	ID:05400049	FIELDING - Telemetry Site 106	216	213	217	226	271	303	289	329	252	184	189	181	196
3	ID:05700014	SHANNON - Telemetry Site 107	713	703	774	838	826	758	723	792	809	704	710	668	716
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	688	667	724	719	762	710		767		676	677	664	
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	502	533		804	830	783	755		757	733	702	656	594
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	267	268	297	332	360	360	379	432	397	381	352	330	320
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	1938	1886	2010	2166	2240	2098	1989	2154	2256	2018	1990	1928	2049
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	698	671	684	701	745	690	649	903					
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	478	481	467	528	553	513	555	658	628	552	547	526	493
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	664	644	676	711	723	670		629					
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	904	893	892	967	971	918	586	877					
4	ID:00210965	KELSON - Telemetry Site 99 - SB	744	705	684	742	733	688	692	796	794	734	776	803	775
4	ID:00220965	KELSON - Telemetry Site 99 - NB	596	580	594	661	647	609	620	730	701	638	653	649	621
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatatu Drive at Songer St	1274	1203	1209	1314	1340	1233	1397	1368	1441	1320	1325		1262
4	ID:00600232	MURCHISON - Telemetry Site 35	238	238	248	300	315	275	406	356	345	309	270	228	214
4	ID:00600100	HIRA - Telemetry Site 36	414	432	423	489	501	472	515	550	542	477	451	417	429
4	ID:06000040	SH60 Riwaka Telemetry Site 86	153	170	186	236	262	250	388	351	310	286	225	173	174
4	ID:01S00037	Blenheim Telemetry Site 87	594	593	674	749	757	679	737	754	830	864	659	578	554
4	ID:06300096	ST ARNAUD - Telemetry Site 93	26	27	25	39	39	38	51	53	49	42	38	31	25
4	ID:06000006	RICHMOND - Telemetry Site 112	456	463	491	566	612	605	673	668	701	692	638	536	559
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	1391	1394	1514	1724	1804	1820	1837	1967	1843	1699	1590	1341	1358
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	1395	1506	1682	1966	1906	1888	1741	2000	1990	1818	1664	1471	1467
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	199	183	208	254	252		306	384	267	219	201	183	183
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	386	358	506	602	613	492	598	608	604	576	520	473	470
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	774	880	1009	1110	1073	1101	1063	1166	1152	1069	984	784	783
5	ID:00700108	LEWIS PASS - Telemetry Site 32	162	164	160	206	205		292	247	239	207	179	146	148
5	ID:01S00285	WAIPARA - Telemetry Site 52 - (WIM Site)		1009	1182	1369	1389	1333	1373	1378	1377	1302	1160	1041	1006
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	1500	1481	1624	1736	1711	1595	1653	1712	1674	1585	1542	1446	1462
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	1297	1272	1399	1518	1516	1465	1370	1501	1493	1394	1355	1270	1268
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	1900	1810	1994	2051	2101	1897			1885	1783	1757	1823	1835
5	ID:00800059	FAIRLIE - Telemetry Site 98	193	199	221	291	322	319			342	366	239	196	196
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	231	260	355	436	445	408	440	435	417	351	289	213	224
5	ID:00700239	AHAURA - Telemetry Site 40	147	170	180	221	226		222	214	204	187	160	130	138
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	59	65	84	106		105	121	135	118	96	74	50	53
5	ID:00600753	HAAST - Telemetry Site 111	47	55	67	92	98	88	115	131	112	98	64	40	53
6	ID:00600895	WANAKA - Telemetry Site 109	211	205	221	262	270	272	350	342	337	322	230	208	230
6	ID:00800263	TARRAS - Telemetry Site 110	165			214	241	177	288	242	235	233	163	132	143

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	177	202	213	232	238	240	322	296	256	250	210	168	184
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	741	743	782	912	886	814	787	903	907	864	835	820	776
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	585	584	630	701	691	637	613	715	720	671	652	618	571
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	131	132	133	141	147	131	124	140	138	134	131	143	160
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	208	210	222	233	240	219	211	238	234	222	234	235	215
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	136	140	133	159	168	150	148	171	170	166	166	165	157
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	67	70	76	104	79	74	74	77	77	74	75	78	62
6	ID:01S00765	MILTON - Telemetry Site 27	629	639	742	867	878	860	804	911	936	861	783	634	596
6	ID:06A00001	FRANKTON - Telemetry Site 90	899	882	813	908	1051		1138	1225	1164	1041	863	804	987
6	ID:08500161	GALLOWAY - Telemetry Site 89	110	115	123	132	132	145	158	147	141	126	119	93	100
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	405	369	487	509	581	492	503	588	578	483	447	448	418
6	ID:08300063	KUROW - Telemetry Site 113	78	89	107	139	136	142	254		151	165	100	79	77
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	410	412	428	492	489	430	399	446	448	395	418	404	394
6	ID:00601147	WINTON - Telemetry Site 46	386	395	451	548	641	603	553	544	540	472	451	368	372
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	145	154	176	206	238	244	314	304	287	262	207	152	166
6	ID:01S00854	GORE - Telemetry Site 45	373	430	527	596	586	575	585	636	595	525	499	375	389
6	ID:09400141	TE ANAU - Telemetry Site 94	64	65	88	121	157	174	177	202	184	149	96	62	68

MADT (All Vehicles)

NZTA Region	Site Ref	Description	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	2012	2057	2049	2353	2284	2183	2174	2284	2290	2104	2171	2130	2099
6	ID:01S00765	MILTON - Telemetry Site 27	5715	5573	5688	6396	6505	6842	6669	7266	6893	7070	6240	5680	5759
6	ID:06A00001	FRANKTON - Telemetry Site 90	20166	20243	18114	19251	20598		22452	22696	21812	21122	18527	19497	21593
6	ID:08500161	GALLOWAY - Telemetry Site 89	1772	1878	1913	1998	2073	2348	2503	2248	2073	2050	1942	1806	1890
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	8155	8078	8686	8687	8972	8600	8208	9151	9195	8500	8572	8214	8155
6	ID:08300063	KUROW - Telemetry Site 113	727	757	794	1081	1062	1149	2036		1176	1242	820	713	727
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	10961	11198	10670	12193	12668	11475	10161	11767	11911	10960	11915	11546	11130
6	ID:00601147	WINTON - Telemetry Site 46	4586	4678	4549	5016	5344	5302	4900	5277	5271	4891	4904	4496	4578
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	1428	1414	1607	1928	2151	2389	2884	2854	2570	2413	1650	1414	1482
6	ID:01S00854	GORE - Telemetry Site 45	3802	3781	3859	4306	4301	4455	4278	4671	4479	4546	4123	3730	3887
6	ID:09400141	TE ANAU - Telemetry Site 94	634	677	791	1079	1393	1597	1785	2037	1767	1427	913	668	675