



Traffic Volumes Monthly Report July 2014

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Quality Assurance Statement

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Revision Schedule

Rev. No	Date	Description	Prepared by	Reviewed by	Approved by
1	8/08/2014	Final	Gerald Wen	Philip Blagdon	

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 2014 State Highway Traffic Highlight

1.6% Nationally, the MADT for light vehicles was up 1.6%, when compared to the same month last year.

Regionally, all regions recorded an increase between 0.7% to 3.3%.

1.7% Nationally, the MADT for heavy vehicles was up 1.7%, when compared to the same month last year.

Regionally, all regions recorded an increase between 0.7% to 4.1%; except region4 recorded a decrease (2.1%).

1.7% Nationally, the MADT of all vehicles was up 1.7%, when compared to the same month last year.

Regionally, all regions recorded an increase between 0.9% to 3.4%.

In this report

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Technical Notes

What is MADT? Monthly Average Daily Traffic (MADT) is the average of daily traffic volume in a given month. Each monitored location (count site); MADT is reported for 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 of 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 site. There are also a few regional continuous sites used in Auckland.

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:
Monthly
traffic at key
sites**

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

The MADT values for July 2013, July 2014 and percentage change compared are reported in the table below.

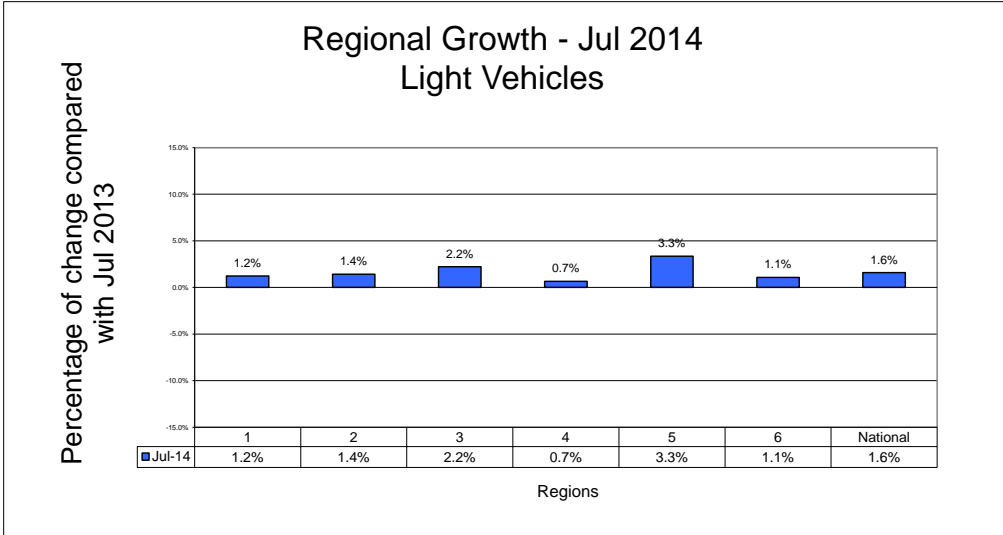
Note the MADT values include all vehicles.

Site	City Represented	MADT (All Vehicles) July-13	MADT (All Vehicles) July-14	% Change
Auckland Harbour Bridge (SH1)	Auckland	158763	157468	-1%
Greenwood (SH1)	Hamilton	24226	25143	4%
Ngauranga Interchange (SH 1 and SH2 combined)	Wellington	85596	87341	2%
Waimakariri Bridge	Christchurch	45099	45944	2%
Burnside (SH1 Combined)	Dunedin	26517	26761	1%

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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5	Canterbury and West Coast
6	Otago and Southland

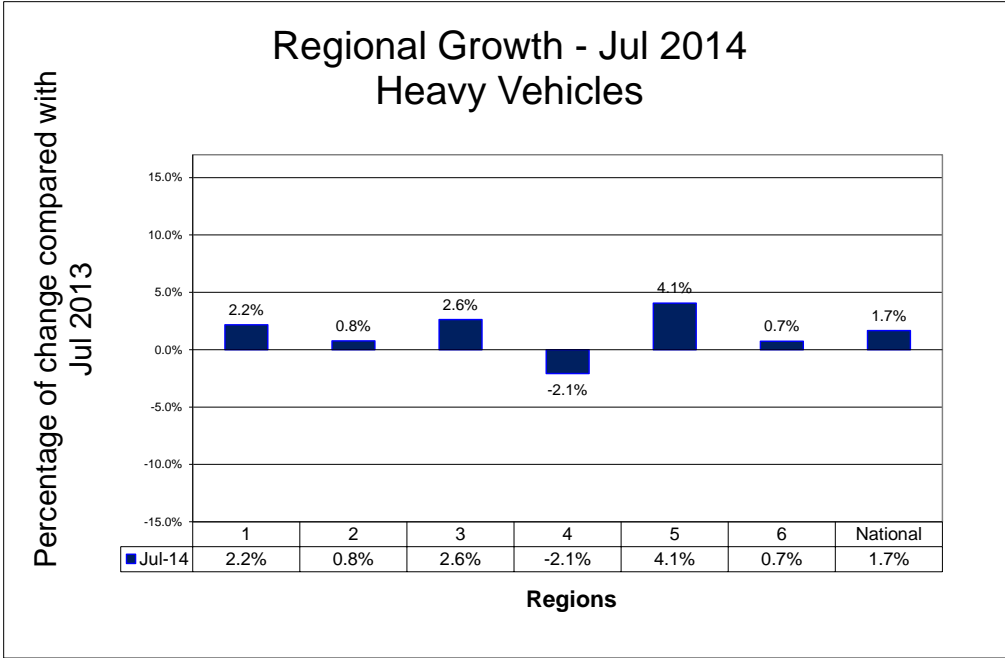
More graphs The monthly graphs (as above) of the current year are attached to this report.

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

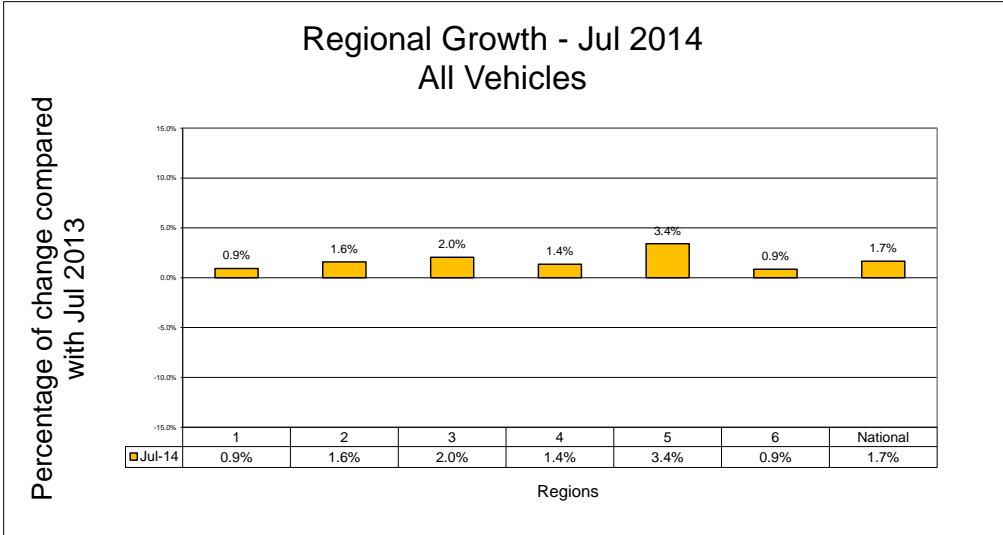
More graphs The monthly graphs (as above) of the current year are attached to this report.

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.



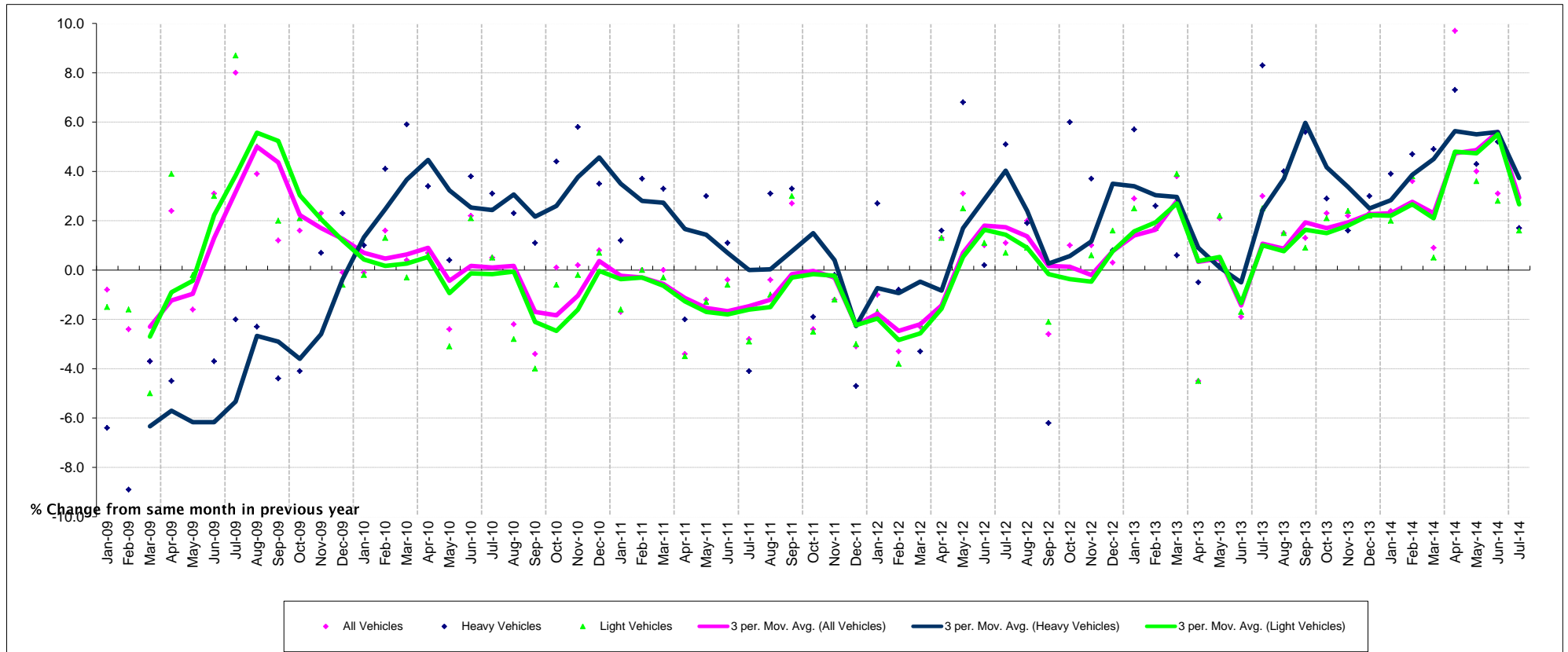
NZTA Region Number	NZTA Region
1	Northland and Auckland
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5	Canterbury and West Coast
6	Otago and Southland

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.



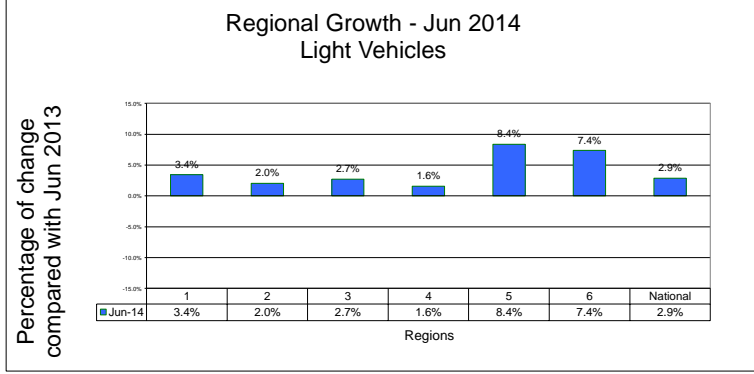
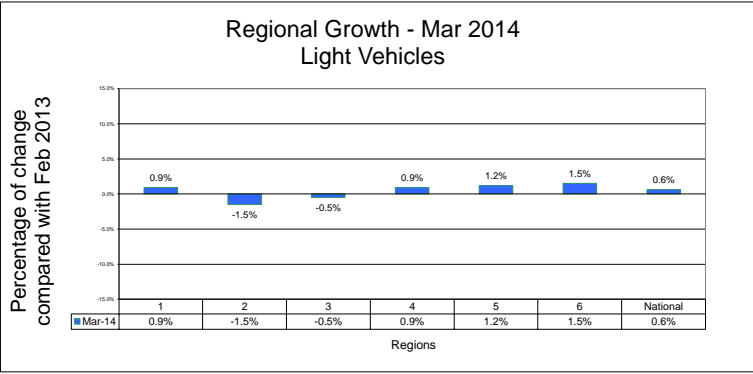
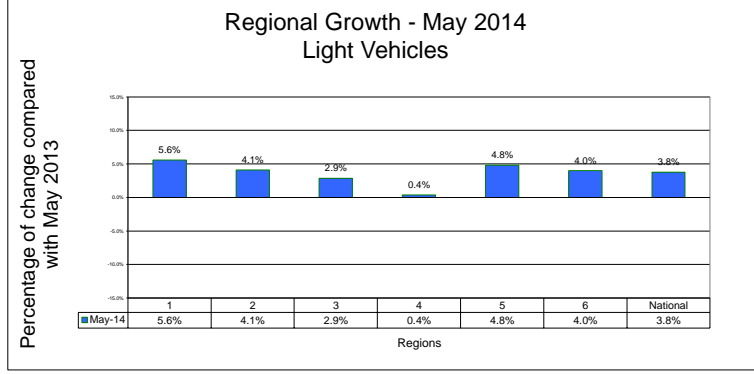
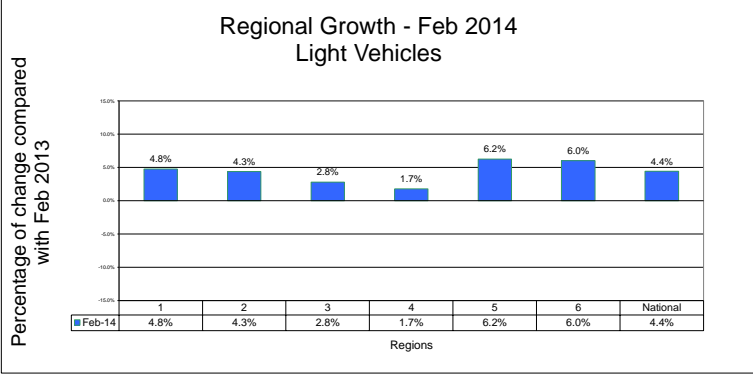
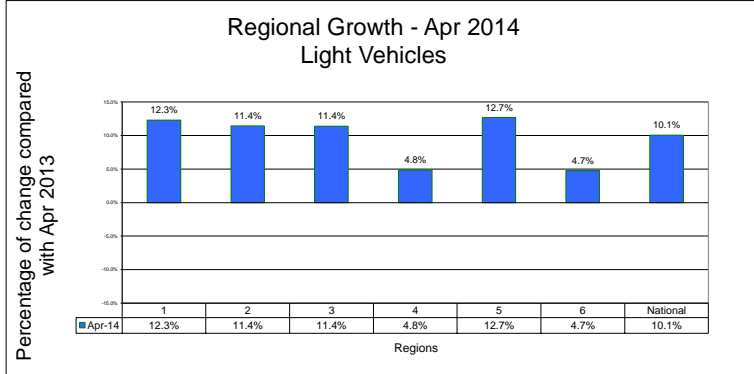
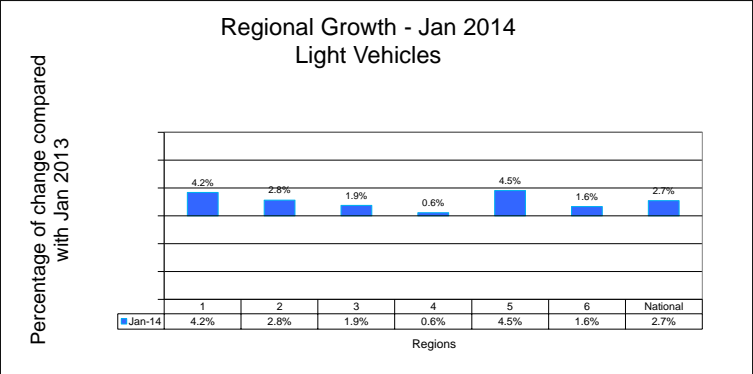
Appendices

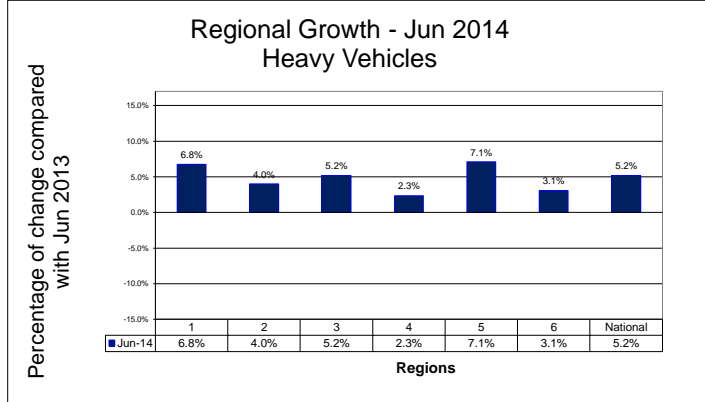
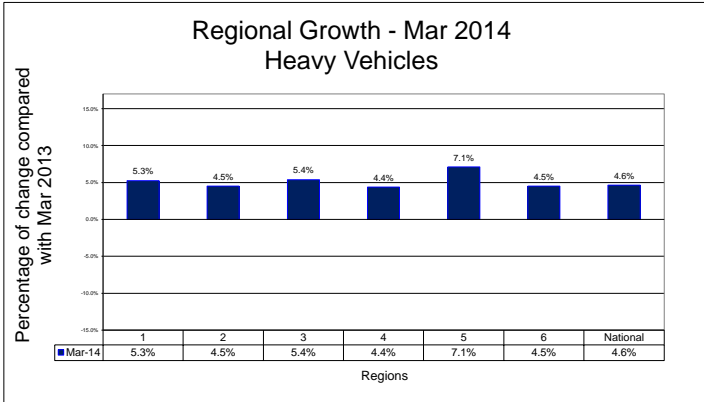
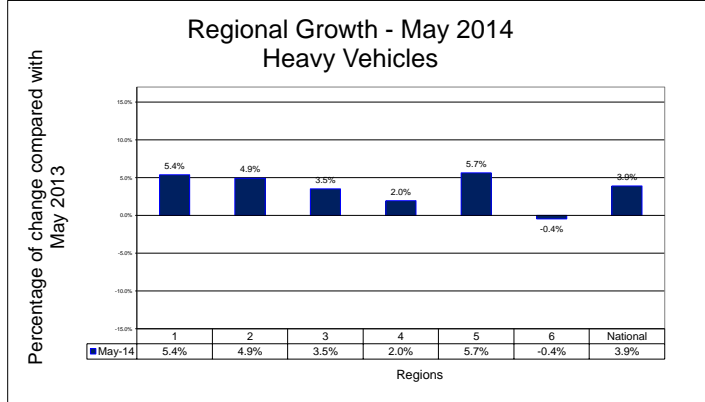
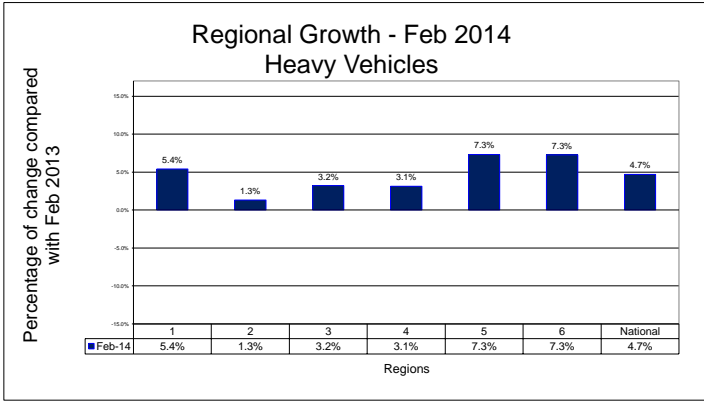
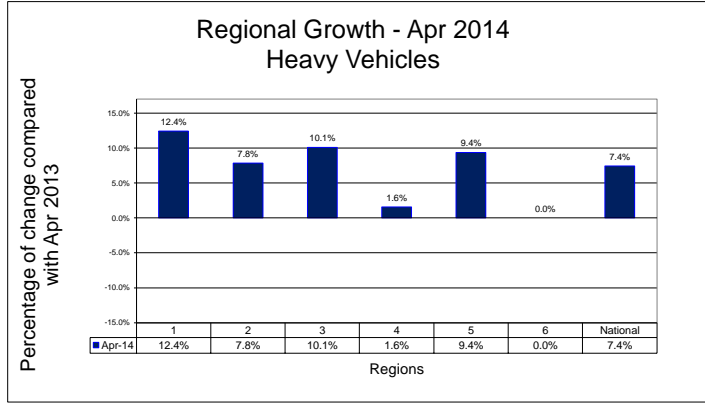
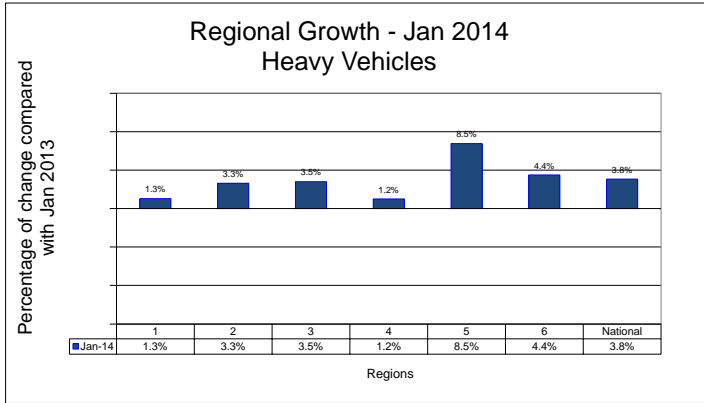
Current Year Growth Graphs

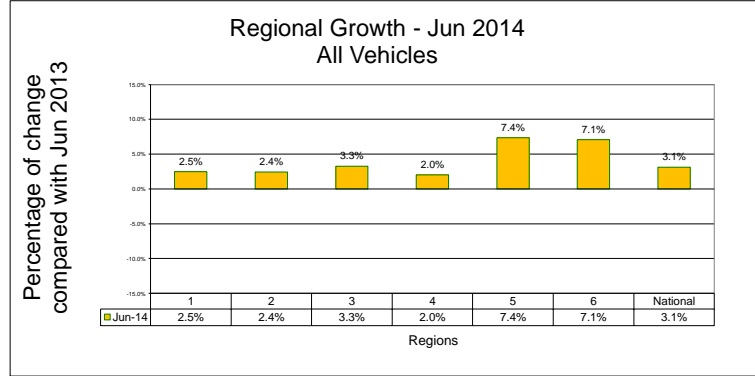
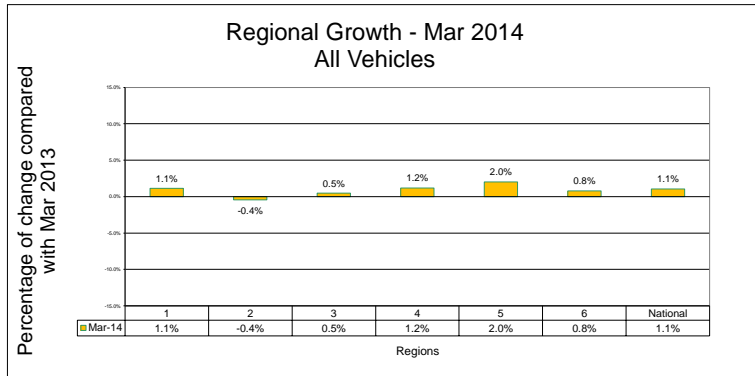
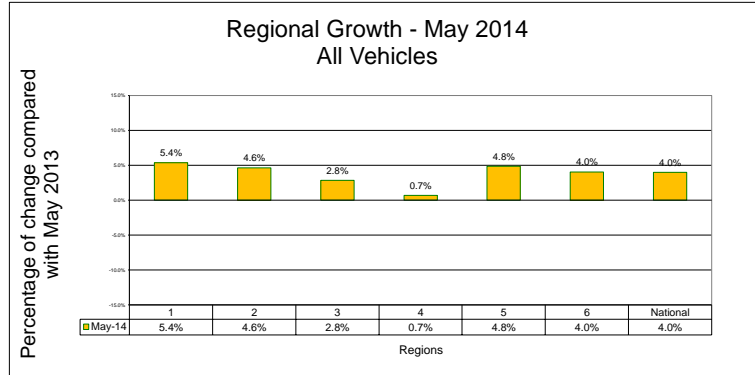
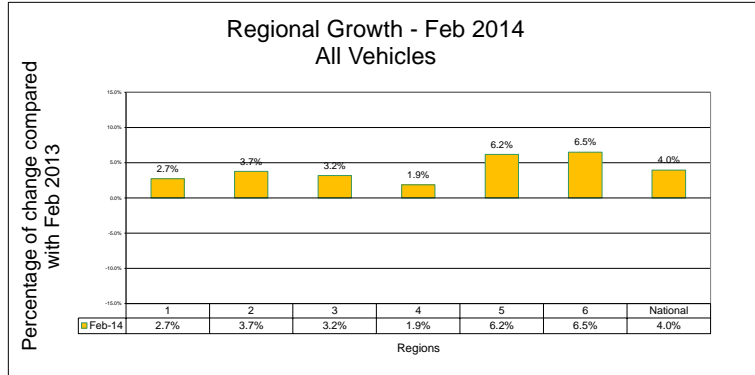
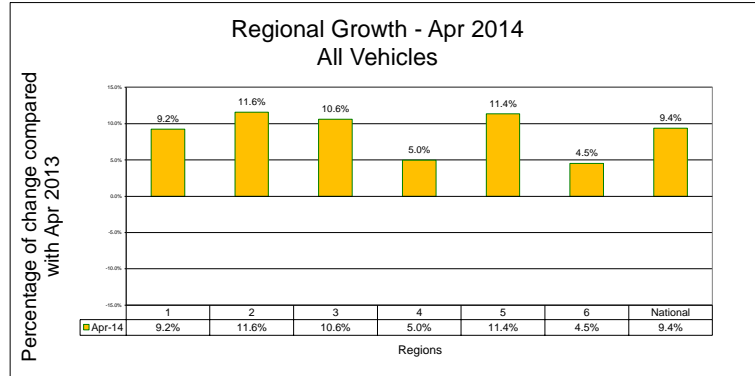
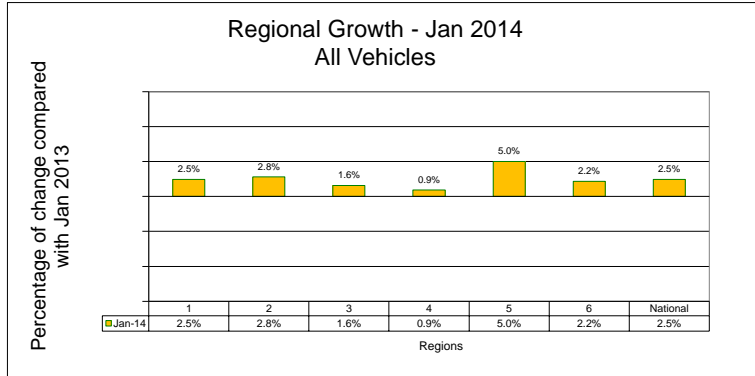
- Light Vehicles
- Heavy Vehicles
- All Vehicles

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-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	4642	4394	4449	5078	5222	5985	6388	5662	5404	5923	4946	4597	4458
1	ID:01200026	KAIKOHE - Telemetry Site 102	1072	1059	1051	1204	1242	1316	1413	1292	1257	1261	1158	1071	1061
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	2145	2144	2104	2241	2323	2221	2142	2307	2341	2168	2273	2223	2210
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	26721	26277	25774	27839	28595	29882	28748	29423	28432	28775	28179	26570	27504
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	26613	25720	25562	28291	28273	28702	29604	28690	27594	28226	26946	26351	27086
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	7110	6589	6590	7588	7807	9220	10527	8768	8009	9190	7349	6856	6766
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB	58562	58526	56538	61554				58793		55512	59425	55622	57815
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB	53239	53023	51576	55292				53427		51320	53366	50906	52850
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	15277	14484	14587	16344	16365	18993	18497	17533	16694	17724	15866	14813	15383
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	15296	14320	14508	16341	15997	17649	19253	17444	16853	17503	15377	15310	15174
1	ID:01N00388	ALPURT - Telemetry Site 95	12935	12295	12114	13672	14457	16612	18009	15990	14810	15592	13871	13090	13166
1	ID:01610016	SH16 Royal Rd Off Ramp to Hobsonville Rd/SH18 Off Ramp W							31797	35142	35262	33159	34996	21886	23449
1	ID:01620016	SH16 Royal Rd On Ramp to Hobsonville Rd On Ramp EB							32934	34931	36581	34175	36265	22872	23010
1	ID:01810007	SH18 Upper Harbour Bridge WB	18272	18320	17812					19408	19841	18481	20208	19185	19338
1	ID:01820007	SH18 Upper Harbour Bridge EB		17578	17250		18929	17593	16327	18639	18778	17792	18967	18027	18319
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	40949	40765	40657	41397	43170	40896	38341	43310	43267	41497	43496	41555	42526
1	ID:02020012	SH20 Walmsley Rd Off Ramp to Rimu Rd Off Ramp SB	39924	39936	39790	40555	42259	39915	37620	41988	41699	40261	41981	39925	41184
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	10933	10018	10336	11945	11820	13381	16054	13199	12296	13495	11292	10633	11115
2	ID:25A00024	HIKUA E - Telemetry Site 76 - 1.3km after Kitahi Rd	2306	2070	2196	2759	2868	3968	5042	3553	3225	3496	2468	2231	2270
2	ID:02700011	KAIHERE - Telemetry Site 33	3291	2981	3093	3472	3428	3925	3938	3708	3531	3835	3342	3093	3349
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	18640	17785	17315	18926	18947	20123	19659	20057	19865	20497	19342	18972	19321
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	7423	6975		7766	7740	8856	8348	8369	7766	8306	7426	7034	7492
2	ID:00300014	OHAUPO - Telemetry Site 119	10249	10127	9773	10500	10742	10288	9484	10793	10750	10273	10872	10673	10536
2	ID:00300085	TE KUITI - Telemetry Site 16 - Nth of 8 Mile Junction	3616	3272	3159	3290	3214	3739	3640	3536	3480	3748	3161	3110	3502
2	ID:03200074	West of Taupo - Telemetry Site 43	491	420	413	457	453	563	643	566	491	554	414	400	454
2	ID:01N00580	KARAPIRO - Telemetry Site 20	12398	11837	12098	12961	13106	14223	14313	13975	13418	14103	13009	12805	12832
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	6149	5806	5848	6713	6731	7752	9133	7502	7102	7402	6354	6101	6266
2	ID:01N00729	HALLETT'S BAY - Telemetry Site 42	4416	3834	3863	4282	4204	5277	5886	5257	4394	5066	3809	3558	4457
2	ID:01N00628	TOKORO A - Telemetry Site 51 - (WIM Site)	6827	6353	6487	7174	7122	7990	7883	7796	7139	7853	6807	6444	6899
2	ID:01N90552	GREENWOOD - Telemetry Site 97	22421	22264	21336	22974	23266	22478	21701	23458	23347	22396	23556	22772	23176
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	14565	14474	14255	15485	16377	17181	16968	16522	16045	16006		15928	
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	15759	15927	15032	16410	17081	17004	16590	16986	16459		16069	15433	15679
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	15646	15815	14911	16329	16986	16731	16717	16997	16543		15977	15403	15588
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	3864	3722	3561	4070	4190	4633	4803	4260	4295	4201	3977	3711	3837
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22	2320	2218	2201	2418	2510			2624	2580	2548	2386	2291	2347
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	3053	2894	2872	3253	3398	3752	4062	3531	3300	3712	3193	3037	3056
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	4434	4069	4062	4589	4542	5143	5522	5037	4821	5463	4598	4441	4591
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	7480	7101	7261	7936	8207	8985	9130	8593	8290	8540	7885	7209	7704
2	ID:00500057	WAIPA - Telemetry Site 41 - Sth of SH30	6225	5798	5741	6380	6456	7051	7483	7091	6501	6842	6061	5715	6219
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	15967	15702	14938	16152	16948	17371	17035	16702	16038	16394	17046	16026	16315
2	ID:00200242	AWAKERI - Telemetry Site 92	7931	7937	7678	8201	8400	8718	8378	8264	8372	7975	8245	7904	8023
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	14327	14418	13840	14841	15705	15657	15060	15634	15276	14720	15337	14686	14947
2	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	15271	15423	14761	15871	16596	16218	16049	16554	16176	15463	16153	15453	15738
2	ID:03600014	OROI - Telemetry Site 117	2600	2500	2470	2686	2885	2913	3062	3047	2945	2252	2685	2533	2651
3	ID:00200428	ORMOND : Telemetry Site 26		1947	1867	2104	2186	2410	2295	2291	2190	2178	2086	1963	2064
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	3436	3410	3372	3901	4200	5045	5140	4090	3844	3980	3763	3566	3334
3	ID:00200627	TANGIOIO - Telemetry Site 24	1449	1377	1436	1665	1620	1901	2066	1739	1630	1783	1584	1474	1484
3	ID:00500230	TE POHUE - Telemetry Site 23	2127	1734	1879	2200	2133	2652	2911	2663	2379	2571	1964	1855	2082
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	2651	2442	2571	2956	2955	3689	3760	3499	3158	3348	2713	2545	2689
3	ID:05000010	Nth of Tutaeakuri River (Telemetry Site 58)	20240	20354	19712	21371	21785	22969	21431	21681	21540	20708	21316	20614	20699
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	1520	1356	1427	1643	1663	1912	2018	1869	1836	1910	1549	1557	1536
3	ID:00300267	TARIKI - Telemetry Site 6	7853	7666	7319	7847	8503	8212	7736	8170	8229	7965	8173	7723	8028

MADT (Light Vehicles)

NZTA Region	Site Ref	Description	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
3	ID:00300370	WAITOTARA - Telemetry Site 5		2811	2916	3101	3169	3267	3109	3149	3229	3026	2858	2686	2872
3	ID:04500101	OHAWA BEACH Rd - Telemetry Site 71	3174	3243	3112	3353	3657	3535	3407	3628	3481	3296	3451	3244	3274
3	ID:01N00930	SANSON - Telemetry Site 38	10122	9764	9561	10745	10691	11665	11335	11538	11073	11366	10370	9861	10446
3	ID:01N00988	OHAU - Telemetry Site 56	12435	12162	11894	13102	13333	14537	14219	14337	13515	13959	12674	12153	12796
3	ID:00200755	NORSEWOOD - Telemetry Site 25	2931	2735	2746	3196	3180	3653	3928	3653	3461	3558	3019	2966	2983
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	5359	5260	5095	5675	5810	6403	6319	6236	6199	6052	5784	5517	5695
3	ID:00400133	HOROPITO - Telemetry Site 37	2094	1843	1720	1579	1385	1679	1715	1636	1444	1786	1205	1252	1984
3	ID:00400226	UPOKONGARO - Telemetry Site 28	1626	1607	1601	1578	1821	1950	1907	1940	1842	1841	1808	1632	1680
3	ID:01N00827	HIHITAIHI - Telemetry Site 29	3312	2962	3056	3532	3314	3935	4776	4195	3556	4264	3210	2942	3356
3	ID:05400049	FIELDING - Telemetry Site 106	6283	6309	5984	6284	6626	6418	5541	6308	6664	6025	6464	6280	6327
3	ID:05700014	SHANNON - Telemetry Site 107	6559	6577	6369	6817	7022	7140	6617	7097	7039	6959	6915	6610	6865
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	20784	20895	20084	20849	21539	21133	20012	22372	22359	20428	22382	21575	21898
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	9458	9818	9354	9989	10644	10621	9955	10721	10398	10000	10260	9982	9757
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	4769	4708	4716	5137	5359	5924	5941	5681	5807	5350	5061	4941	4750
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	20614	20364	19431	21354	21815	22948	21793	22608	21850	21296	20905	20307	20850
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	21348	21788	20771	21852	22373	20927	19347	22020	22188	20179	22157	21359	21578
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	13023	13165	12562	13281		13389	12409	13407	13806	12861	13450	13027	12889
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	20468	20750	19965	21152	21383	20141	18693	21517	21631	19331	21479	20440	20802
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	20081	20482	19564	20775	21087	19503	18012	20841	21030	19042	20846	19820	20109
4	ID:00210965	KELSON - Telemetry Site 99 - SB	16222	16296	16192	16871	17021	15166	15406	16785	16783		16453	15938	15904
4	ID:00220965	KELSON - Telemetry Site 99 - NB	15806	15860	15663	16057	16378	14839	14518	16169	16113		16095	15446	15408
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	19689	19789	19124	20603	21862	21893	21508	21579	21341	20057	20466	19634	20133
4	ID:00600232	MURCHISON - Telemetry Site 35	1096	1062			1492	1744	2121	2009	1657	1773	1203	1056	1166
4	ID:00600100	HIRA - Telemetry Site 36	2285	2218	2282	2598	2825	3141	3427	3323	3013	2818	2450	2170	2277
4	ID:06000040	SH60 Riwaka Telemetry Site 86	2366	2227	2375	3020	3462	4217	5489	4950	3902		2744	2425	2343
4	ID:01S00037	Blenheim Telemetry Site 87	2943	2753	2670	3001	3161				3320	3468	2897	2726	2950
4	ID:06300096	ST ARNAUD - Telemetry Site 93		191	190	266	318	316	403	434	375	374	237	193	216
4	ID:06000006	RICHMOND - Telemetry Site 112	8344	8452	8365	9290	10005	10949	11314	10986	10282	9421	9311	8763	
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	8896	8443	8591	9543	9866	10451	10065	10304	9926	10215	9172	8763	9343
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	18128	18007	17450	19129	19710	19869	18863	19323	18982	18998	18952	18162	18654
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	1339	1249	1256	1242	1413	1531	1672	1639	1588	1545	1100	1038	1234
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	1590	1329	1473	1876	2001	2404	2820	2572	2038	2229	1660	1432	1422
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	4729	4525	4570	5223	5336	5643	5472	5638	5305	5695	5125	4846	4970
5	ID:00700108	LEWIS PASS - Telemetry Site 32	738	690	728	953	930	1143	1404	1188	978	1213	820	685	755
5	ID:01S00285	WAIPARA - Telemetry Site 52 - (WIM Site)		5675			6746	7571	8061	7430	6596	7443			
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	21335	20777	20160	21995	22145	21419	21386	22447	21605	20616	21707	20943	21886
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	20935	20235	19738	21486	21774	21263	20526	22147	21603	20347	21675	20514	21261
5	ID:00800059	FAIRLIE - Telemetry Site 98 (New Dec 09)	1843	1896	1868	1952	2156	2478	3066	2688	2473	2818	1767	1682	1913
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	8106	8322	8177	9054	9482	9116	9205	10176	9590	8672	9367	8840	8655
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	2209	2246	2209	2436	2737	2889	3029	3056	2866	2765	2322	2188	2429
5	ID:00700239	AHAURA - Telemetry Site 40	942	921		974		1106	1133	1135	1075	1112	1012	889	952
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	588	608	607	722	930	1019	1157	1185	1030	930	644	593	640
5	ID:00600753	HAAST - Telemetry Site 111	411	454	540	738	944	978	1200	1224		943	512	401	429
6	ID:00600895	WANAKA - Telemetry Site 109	2723	2723	2589	2885	3104	3427		3616	3508	4256	2675	2562	2929
6	ID:00800263	TARRAS - Telemetry Site 110	1027	1043	1085	1167	1288	1631	2056	1702	1532	1906	996	883	1105
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	1697	1790	1742	1870	1961	2180	2602	2316	2112	2351	1760	1671	1683
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	14827	14981	14368	15265	15536	15003	13540			14578			14985
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	10249	10237	9829	10559	10695	10318	9505			9928			10450
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	2394	2412	2351	2448	2491	2377	2214			2268			2363
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	2927	2933	2817	2951	3079	2810	2691			2733			2811
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	3093	3127	2995	3118	3235	2979	2735			2929			3061

MADT (Light Vehicles)

NZTA Region	Site Ref	Description	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	2047	2063	1987	2093	2177	1987	1898			1955			1945
6	ID:01S00765	MILTON - Telemetry Site 27	5025	4931	4709	5324	5442	5807	5610	5976	5697	5891	5334	5071	5086
6	ID:06A00001	FRANKTON - Telemetry Site 90	18274	19072	16761	17392	18205	19368	20418	20229	18917	19643	16342	17118	19267
6	ID:08500161	GALLOWAY - Telemetry Site 89	1642	1736	1681	1767	1903	2084	2191	2041	1831	1837	1717	1604	1662
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	7887	8083	8241	8221	8728	8168	7738	8712	8589	7588	8082	7850	7750
6	ID:08300063	KUROW - Telemetry Site 113	629	647	697	865	896	1247	1379	1113	999	1035	712	631	
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	10516	10850	9847	11030	11971	11154	10165	12101	11349	10218	11133	10451	10551
6	ID:00601147	WINTON - Telemetry Site 46	4092	4218	3927	4270	4633	4492	4060	4559	4569	4368	4416	4248	4200
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	1230	1216	1256	1516	1788	1941	2492	2375	2113	1970	1388	1269	1283
6	ID:01S00854	GORE - Telemetry Site 45	3334	3270	3135	3523	3685	3802	3567	4012	3658	3684	3536	3323	3429
6	ID:09400141	TE ANAU - Telemetry Site 94	583	614	667	808	1195	1332	1605	1626	1400	1244	748	590	570

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	627	619	644	735	788	789	833	804	774	775	690	564	593
1	ID:01200026	KAIKOHE - Telemetry Site 102	44	44	44	55	64	57	61	76	86	69	81	56	68
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	294	294	299	315	309	249	262	286	291	272	288	264	311
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	2493	2472	2432	2662	2781	2567	2583	2913	2860	2787	2861	2533	2673
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	2405	2351	2309	2598	2647	2392	2516	2747	2726	2677	2734	2425	2550
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	892	870	881	1020	1095	1065	1193	1160	1106	1115	1035	885	851
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB	3644	3708	3602	4108				3991		4041	4183	3542	3810
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB	3623	3573	3562	4048				4005		3751	3851	3266	3586
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	2063	2001	1973	2115	2239	2146	2111	2305	2304	2272	2249	2091	2118
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	1854	1814	1789	1984	2099	1979	2036	2147	2103	2042	2038	1876	1885
1	ID:01N00388	ALPURT - Telemetry Site 95	1128	1060	1065	1289	1387	1388	1445	1443	1406	1396	1339	1176	1174
1	ID:01610016	SH16 Royal Rd Off Ramp to Hobsonville Rd/SH18 Off Ramp WB							1824	2066	2263	2101	2286	1354	1009
1	ID:01620016	SH16 Royal Rd On Ramp to Hobsonville Rd On Ramp EB							1249	1669	1713	1611	1768	998	1038
1	ID:01810007	SH18 Upper Harbour Bridge WB	994	1119	1252					988	1047	969	830	742	780
1	ID:01820007	SH18 Upper Harbour Bridge EB		632	637		635	556	530	729	764	732	775	690	745
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	3433	3249	3235	3425	3510	3138	3097	3531	3470	3257	3496	3319	3396
1	ID:02020012	SH20 Walmsley Rd Off Ramp to Rimu Rd Off Ramp SB	3440	3260	3255	3402	3566	3149	3092	3592	3470	3295	3535	3365	3443
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	1622	1651	1611	1768	1902	1676	1848	1927	1864	1915	1872	1633	1688
2	ID:25A00024	HIKUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	215	197	222	256	293	361	419	313	307	296	254	215	210
2	ID:02700011	KAIHERE - Telemetry Site 33	806	853	855	938	1016	907	886	988	964	931	938	831	829
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	2108	2148	2119	2356	2535	2303	2240	2433	2409	2280	2256	2090	2133
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	1339	1431		1633	1694	1455	1609	1717	1753	1608	1591	1372	1379
2	ID:00300014	OHAUPO - Telemetry Site 119	595	581	601	735	714	645	659	778	770	700	730	624	623
2	ID:00300085	TE KUITI - Telemetry Site 16 - Nth of 8 Mile Junction	676	627	662	706	779	707	689	767	759	776	725	623	655
2	ID:03200074	West of Taupo - Telemetry Site 43	57	52	52	64	63	68	81	80	78	68	57	56	52
2	ID:01N00580	KARAPIRO - Telemetry Site 20	1341	1399	1409	1655	1764	1611	1785	2091	1889	1689	1693	1350	1438
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	740	729	737	836	878	832	907	897	868	891	820	729	737
2	ID:01N00729	HALLETTS BAY - Telemetry Site 42	700	732	731	788	891	820	858	910	867	825	829	745	738
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	1363	1462	1510	1676	1716	1586	1591	1703	1750	1632	1594	1325	1364
2	ID:01N90552	GREENWOOD - Telemetry Site 97	1805	1801	1745	1932	1980	1764	1839	2159	2111	1983	2135	1947	1967
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	1113	1103	1102	1232	1283	1202	1192	1279	1267	1290	1331		
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	934	969	923	1011	1015	889	923	1001	1006		904	837	856
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	958	998	957	1086	1139	988	1056	1134	1126		1069	983	978
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	715	783	772	841	870	777	773	769	801	728	782	653	661
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22	302	332	329	326	353			374	388	368	361	336	328
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	577	583	581	631	671	582	626	660	667	611	611	559	525
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	545	562	562	625	663	613	674	731	719	723	631	544	557
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	1210	1231	1277	1486	1582	1457	1332	1714	1724	1625	1577	1152	1251
2	ID:00500057	WAIPA - Telemetry Site 41 - Sth of SH30	833	855	862	913	911	784	878	956	982	903	849	736	765
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	1916	1927	1896	2065	2129	1850	1899	2088	2095	1992	2262	1891	1923
2	ID:00200242	AWAKERI - Telemetry Site 92	611	625	657	784	796	701	713	779	783	665	721	595	607
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	1147	1133	1099	1277	1343	1198	1172	1406	1401	1333	1365	1117	1135
	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	1165	1150	1118	1285	1337	1207	1181	1393	1385	1314	1370	1168	1186
	ID:03600014	OROIPI - Telemetry Site 117	203	189	205	230	256	218	234	292	325	204	201	170	188
3	ID:00200428	ORMOND : Telemetry Site 26		217	204	266	283	258	300	344	342	282	296	235	230
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	492	461	429	531	555	497	493	595	593	482	587	504	516
3	ID:00200627	TANGOIO - Telemetry Site 24	356	337	317	367	389	362	426	433	443	399	400	364	334
3	ID:00500230	TE POHUE - Telemetry Site 23	452	441	488	491	573	477	504	565	561	552	570	509	480
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	566	578	620	659	734	626	619	717	740	707	723	640	627
3	ID:05000010	Nth of Tutaeuri River (Telemetry Site 58)	1367	1267	1282	1403	1469	1571	1610	1643	1736	1521	1607	1439	1403
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	384	387	422	424	468	425	438	483	475	480	427	380	407

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
3	ID:00300267	TARIKI - Telemetry Site 6	901	949	1036	1101	1171	1050	1066	1153	1188	1052	1026	831	896
3	ID:00300370	WAITOTARA - Telemetry Site 5		677	685	643	819	660	664	689	683	683	643	477	511
3	ID:04500101	OHAWE BEACH Rd - Telemetry Site 71	279	428	594	688	647	559	543	548	493	420	369	261	281
3	ID:01N00930	SANSON - Telemetry Site 38	1332	1469	1464	1630	1761	1592	1615	1713	1708	1671	1629	1403	1439
3	ID:01N00988	OHAU - Telemetry Site 56	1355	1377	1360	1474	1594	1463	1467	1619	1592	1536	1491	1356	1427
3	ID:00200755	NORSEWOOD - Telemetry Site 25	501	493	527	575	643	587	657	701	719	652	584	506	509
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	700	701	679	735	833	757	830	870	896	831	802	716	716
3	ID:00400133	HOROPITO - Telemetry Site 37	318	254	250	260	298	277	278	321	306	257	266	234	283
3	ID:00400226	UPOKONGARO - Telemetry Site 28	148	145	137	146	183	173	186	199	189	176	180	178	169
3	ID:01N00827	HIHITAHU - Telemetry Site 29	880	854	866	942	1057	904	1059	1064	990	960	920	829	839
3	ID:05400049	FIELDING - Telemetry Site 106	219	223	217	231	253	229	216	260	268	217	231	217	216
3	ID:05700014	SHANNON - Telemetry Site 107	648	662	663	727	778	729	715	779	781	787	723	688	713
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	649	661	628	680	726	664	650	748	730	665	715	676	688
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	541	556	585	646	699	621	627	695	651	594	598	527	502
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	281	289	294	323	359	347	345	356	360	315	313	275	267
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	1850	1861	1800	2001	2060	1755	1858	2068	2075	1995	2021	1839	1938
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	648	658	626	681	724	650	623	720	703	639	692	660	698
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	489	515	466	499		472	472	552	556	518	525	481	478
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	689	701	698	712	723	657	617	723	692	607	701	662	664
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	929	933	916	958	976	897	850	983	952	855	946	896	904
4	ID:00210965	KELSON - Telemetry Site 99 - SB	683	676	677	543	840	589	665	793	779		767	710	744
4	ID:00220965	KELSON - Telemetry Site 99 - NB	653	640	642	515	742	543	584	701	707		652	592	596
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	1320	1203	1209	1326	1407	1239	1375	1356	1428	1284	1351	1199	1274
4	ID:00600232	MURCHISON - Telemetry Site 35	222	234			321	292	370	365	332	325	281	219	238
4	ID:00600100	HIRA - Telemetry Site 36	422	420	431	448	489	445	491	524	513	464	449	378	414
4	ID:06000040	SH60 Riwaka Telemetry Site 86	158	161	179	221	303	294	346	364	317		240	157	153
4	ID:01S00037	Blenheim Telemetry Site 87	512	541	538	659	686				755	946	677	571	594
4	ID:06300096	ST ARNAUD - Telemetry Site 93		29	27	35	39	32	41	51	52	42	40	27	26
4	ID:06000006	RICHMOND - Telemetry Site 112	455	450	474	469	480	475	518	549	580	537	509	468	456
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	1342	1357	1543	1753	1908	1816	1846	1913	1773	1684	1570	1312	1391
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	1422	1494	1642	1864	1873	1946	1733	1819	1882	1704	1683	1358	1395
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	165	206	221	217	254	247	263	279	279	237	203	190	199
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	421	411	461	521	572	506	542	565	515	543	523	425	386
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	765	864	997	1112	1167	1110	1127	1160	1164	1062	979	749	774
5	ID:00700108	LEWIS PASS - Telemetry Site 32	155	160	155	188	208	198	265	219	212	220	188	154	162
5	ID:01S00285	WAI PARA - Telemetry Site 52 - (WIM Site)		967			1322	1230	1302	1305	1227	1242			
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	1517	1502	1539	1764	1826	1590	1724	1818	1701	1581	1667	1421	1500
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	1312	1284	1321	1515	1572	1422	1442	1554	1453	1347	1430	1216	1297
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	1580	1614	1656	1775	1997	1806	1739	1952	1824	1778	1990	1814	1900
5	ID:00800059	FAIRLIE - Telemetry Site 98	179	188	236	253	303	310	398	361	332	362	233	199	193
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	222	246	351	403	432	412	428	438	411	363	273	210	231
5	ID:00700239	AHAURA - Telemetry Site 40	139	150		222		208	211	229	227	200	181	132	147
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	56	64	86	97	120	117	120	132	119	102	72	53	59
5	ID:00600753	HAAST - Telemetry Site 111	46	52	54	72	106	91	105	117		105	68	46	47
6	ID:00600895	WANAKA - Telemetry Site 109	196	198	201	226	259	261		308	295	340	204	188	
6	ID:00800263	TARRAS - Telemetry Site 110	160	167	172	191	219	227	298	261	244	293	191	156	
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	184	203	187	203	227	229	289	275	241	257	207	168	177
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	796	803	807	891	926	844	827			812			741
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	645	645	655	730	751	685	671			686			585
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	119	120	122	129	134	116	121			116			131

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	198	201	195	213	225	187	192			193			208
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	135	134	122	139	140	120	119			127			136
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	71	78	71	76	85	70	71			68			67
6	ID:01S00765	MILTON - Telemetry Site 27	645	656	707	808	890	809	826	954	884	870	794	644	629
6	ID:06A00001	FRANKTON - Telemetry Site 90	810	871	784	845	959	975	1012	1106	1022	989	748	741	899
6	ID:08500161	GALLOWAY - Telemetry Site 89	107	134	117	117	134	122	138	153	144	129	125	97	110
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	427	416	462	482	562	508	514	625	553	451	482	450	405
6	ID:08300063	KUROW - Telemetry Site 113	74	86	97	122	134	167	186	162	144	141	95	71	78
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	351	368	347	395	427	338	362	438	463	395	421	379	410
6	ID:00601147	WINTON - Telemetry Site 46	386	422	425	486	509	480	472	534	538	471	450	395	386
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	137	164	146	184	232	221	296	292	286	242	208	124	145
6	ID:01S00854	GORE - Telemetry Site 45	372	444	461	545	608	542	550	616	577	529	516	366	373
6	ID:09400141	TE ANAU - Telemetry Site 94	61	73	73	99	167	142	170	177	160	137	83	60	64

MADT (All Vehicles)

NZTA Region	Site Ref	Description	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	3228	3261	3117	3257	3375	3099	2854			3056			3197
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	2118	2141	2058	2169	2262	2057	1969			2023			2012
6	ID:01S00765	MILTON - Telemetry Site 27	5670	5587	5416	6132	6332	6616	6436	6930	6581	6761	6128	5715	5715
6	ID:06A00001	FRANKTON - Telemetry Site 90	19084	19943	17545	18237	19164	20343	21430	21335	19939	20632	17090	17859	20166
6	ID:08500161	GALLOWAY - Telemetry Site 89	1749	1870	1798	1884	2037	2206	2329	2194	1975	1966	1842	1701	1772
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	8314	8499	8703	8703	9290	8676	8252	9337	9142	8039	8564	8300	8155
6	ID:08300063	KUROW - Telemetry Site 113	703	733	794	987	1030	1414	1565	1275	1143	1176	807	702	727
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	10867	11218	10194	11425	12398	11492	10527	12539	11812	10613	11554	10830	10961
6	ID:00601147	WINTON - Telemetry Site 46	4478	4640	4352	4756	5142	4972	4532	5093	5107	4839	4866	4643	4586
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	1367	1380	1402	1700	2020	2162	2788	2667	2399	2212	1596	1393	1428
6	ID:01S00854	GORE - Telemetry Site 45	3706	3714	3596	4068	4293	4344	4117	4628	4235	4213	4052	3689	3802
6	ID:09400141	TE ANAU - Telemetry Site 94	644	687	740	907	1362	1474	1775	1803	1560	1381	831	650	634