



## Traffic Volumes Monthly Report December 2014

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#### Revision Schedule

Rev. No	Date	Description	Prepared by	Reviewed by	Approved by
1	12/01/2015	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

## December 2014 State Highway Traffic Highlight

### Light Vehicles

Nationally, the MADT for light vehicles was up 3%, when compared to the same month last year.

All regions had an increase with a range of 1.5% to 4.3%, except region 3 which remained at almost the same level as last year.

### Heavy Vehicles

Nationally, the MADT for heavy vehicles was up 5.3%, when compared to the same month last year.

The majority of growth recorded in region6 (8.4%), region1 (7.8%) and region4 (6.5%).

Region2 and region3 recorded an increase(4.2% and 2.7%), while region5 remained at almost the same level as last year.

According to ANZ's regional economic research, In September 2014 quarter, Otago and Southland registered the largest quarterly increase in economic activity. Northland has been the fastest growing regional economy for three quarters.

It is worth noting that heavy traffic growth in region5 has been flat for two consecutive months. We suspect this could be the reflection of weaker business activity, especially in agriculture.

## 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 December 2013, December 2014 and percentage change compared are reported in the table below.

Note the MADT values include all vehicles.

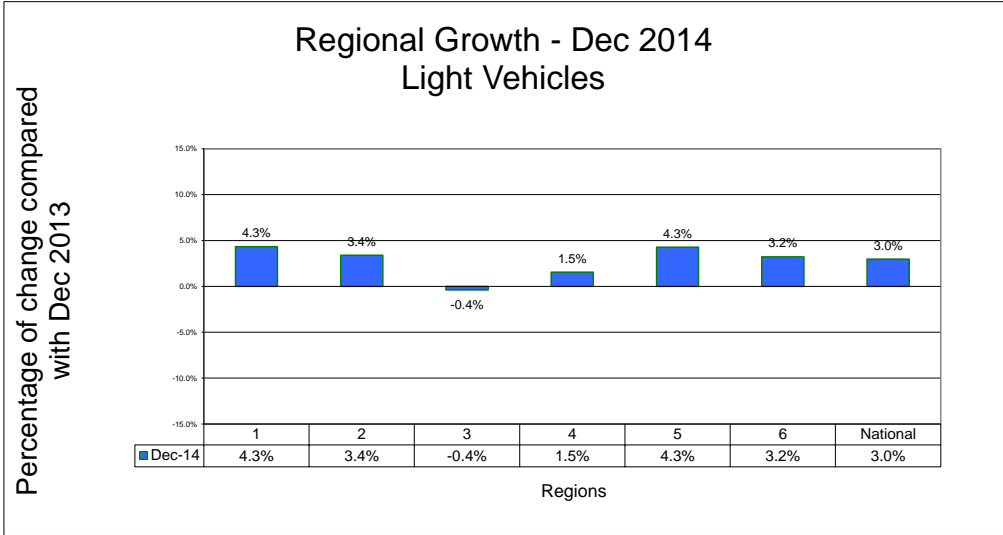
Site	City Represented	MADT (All Vehicles) December-13	MADT (All Vehicles) December-14	% Change
Auckland Harbour Bridge (SH1)	Auckland	144281	164824	14%
Greenwood (SH1)	Hamilton	24242	25205	4%
Ngauranga Interchange (SH 1 and SH2 combined)	Wellington	84572	85801	1%
Waimakariri Bridge	Christchurch	45694	47921	5%
Burnside (SH1 Combined)	Dunedin	26850	27328	2%

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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
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5	Canterbury and West Coast
6	Otago and Southland

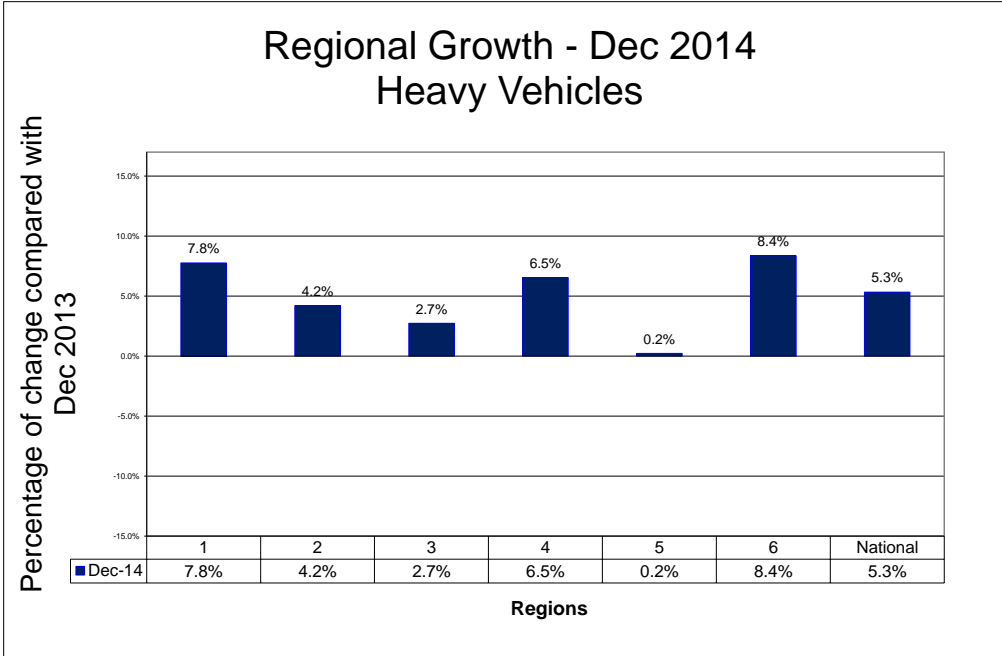
**More graphs** The monthly graphs (as above) of the current year are attached to this report.

**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.

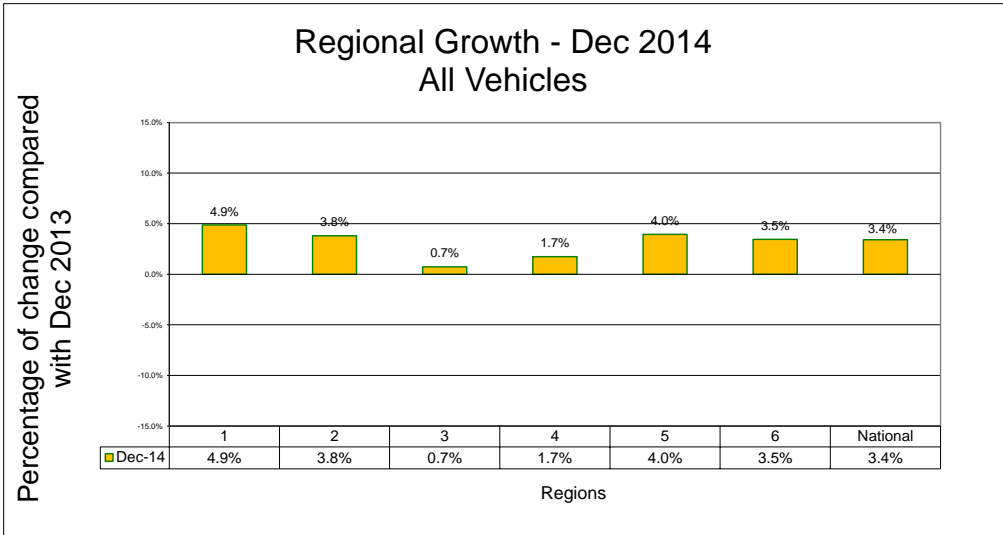


# Results: All Vehicles

**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
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**More graphs**

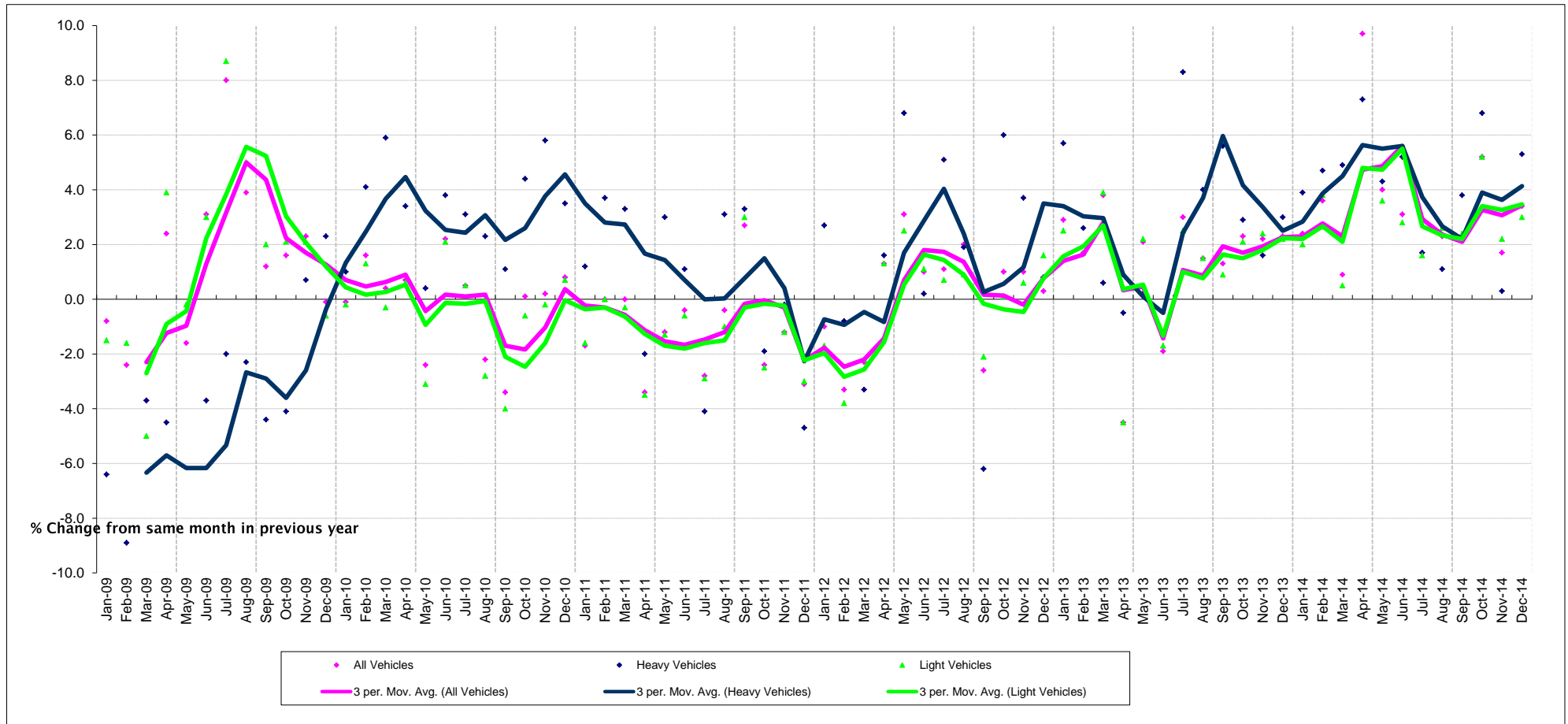
The monthly graphs (as above) of the current year are attached to this report.

**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		
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
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
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

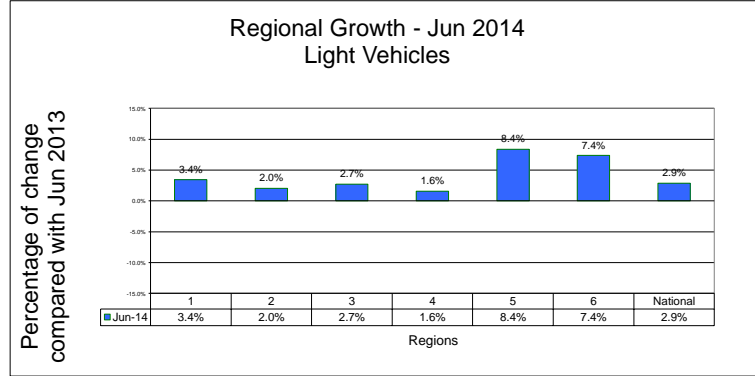
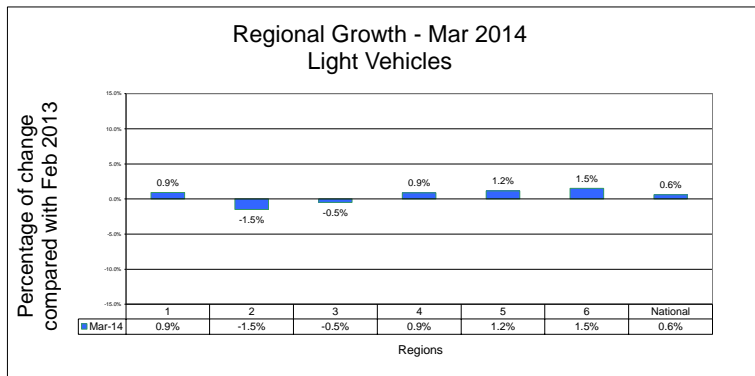
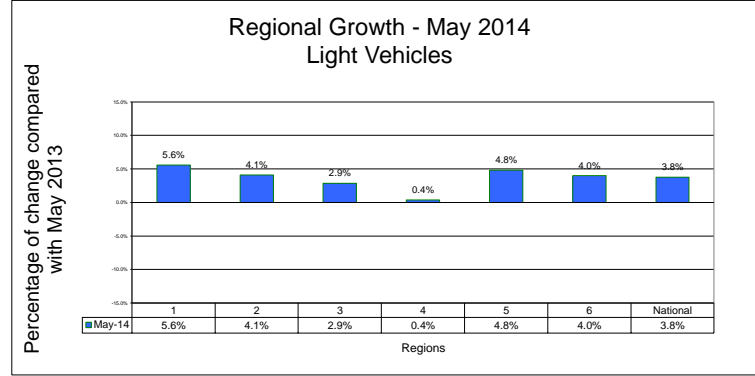
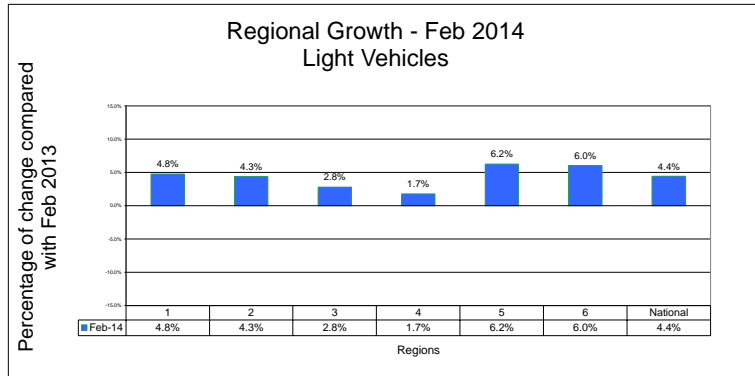
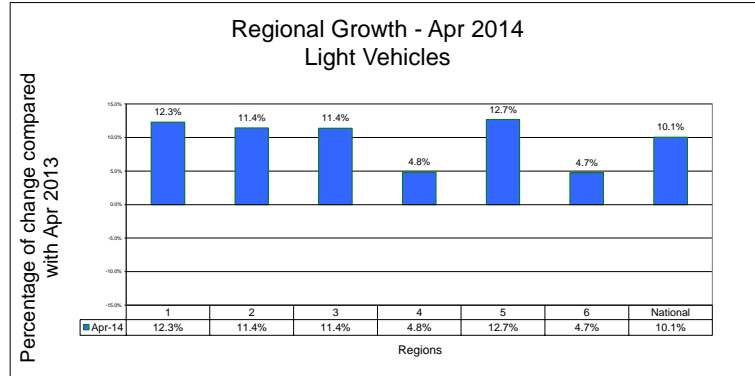
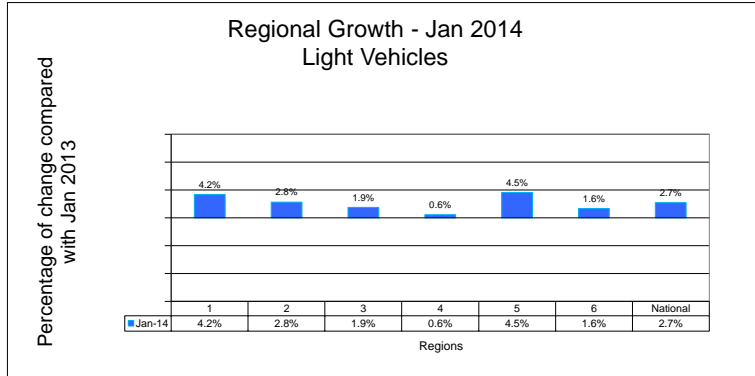
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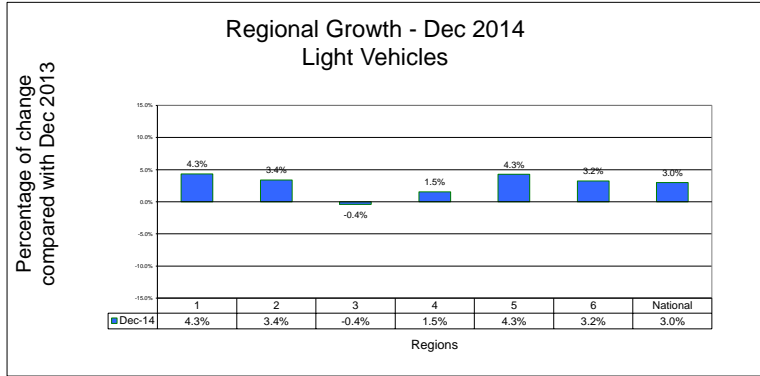
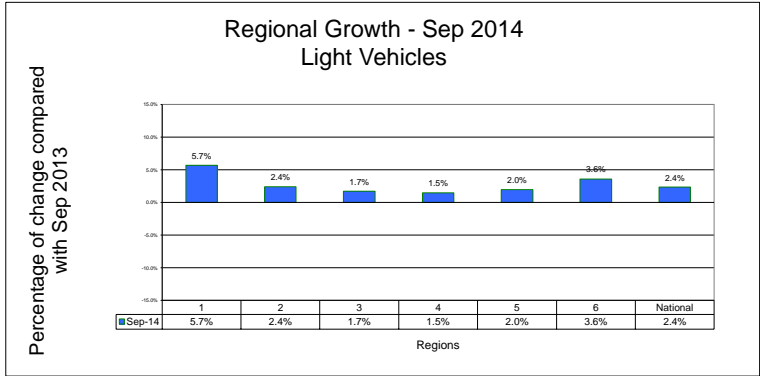
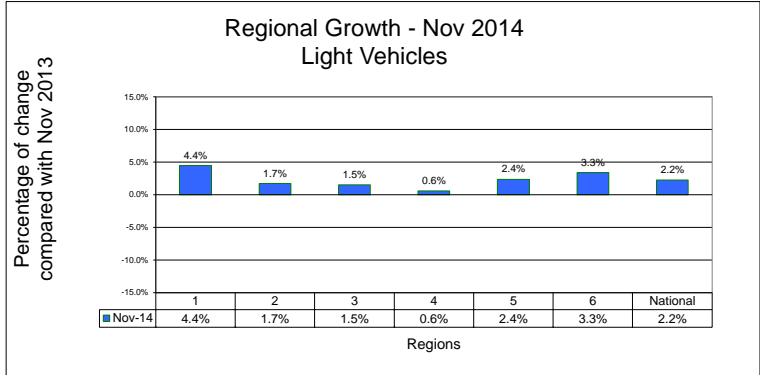
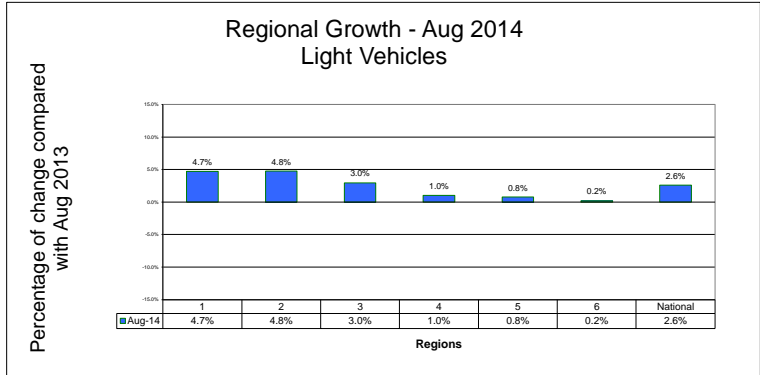
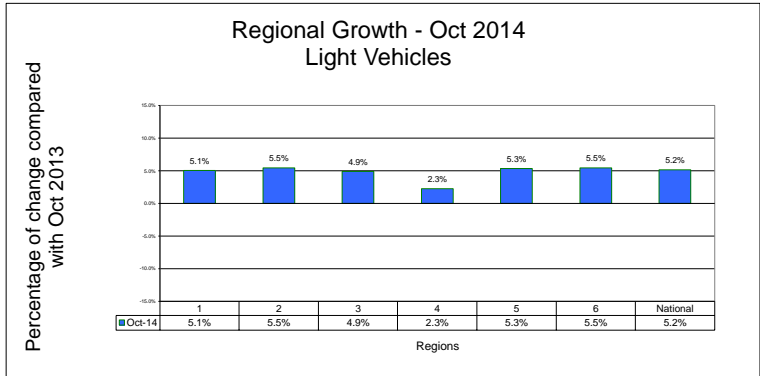
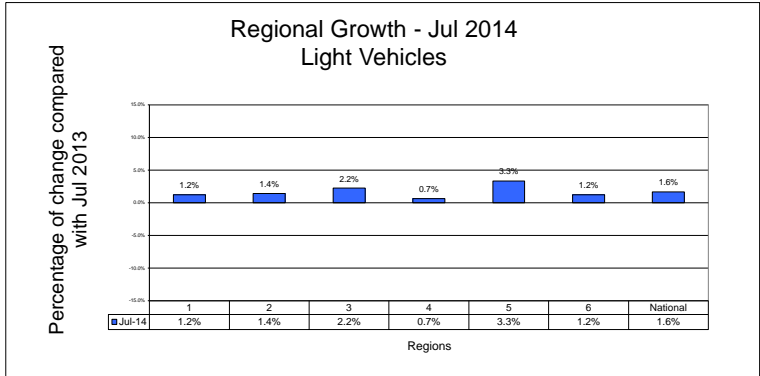
### Current Year Growth Graphs

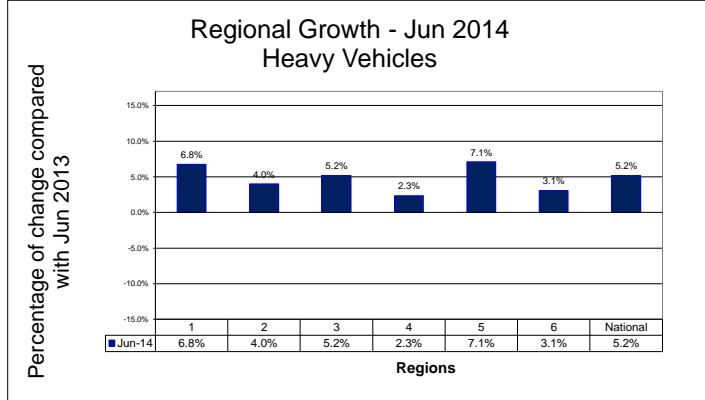
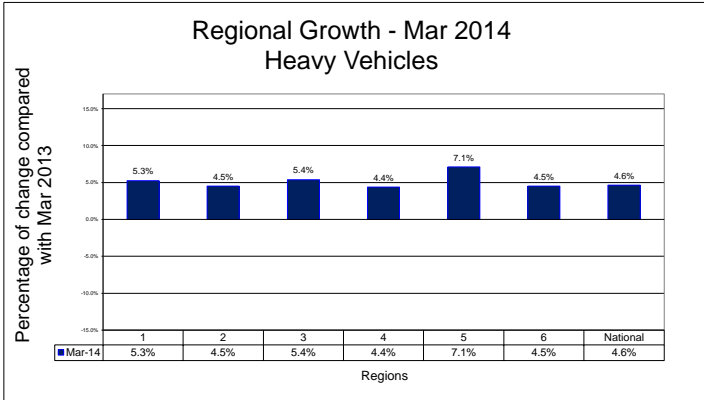
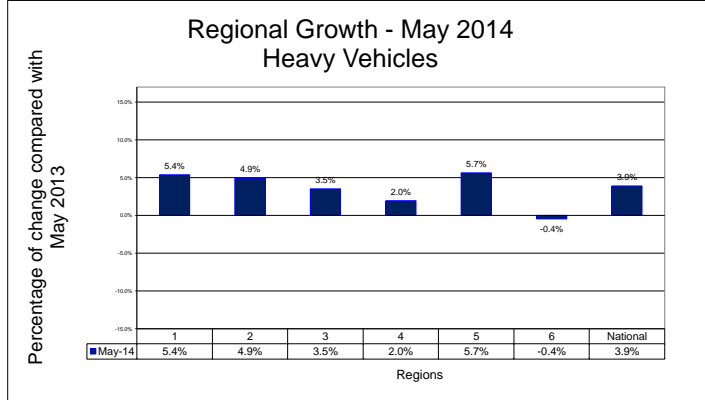
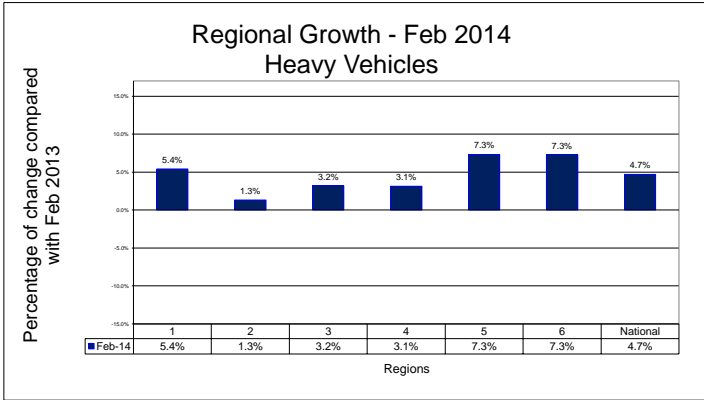
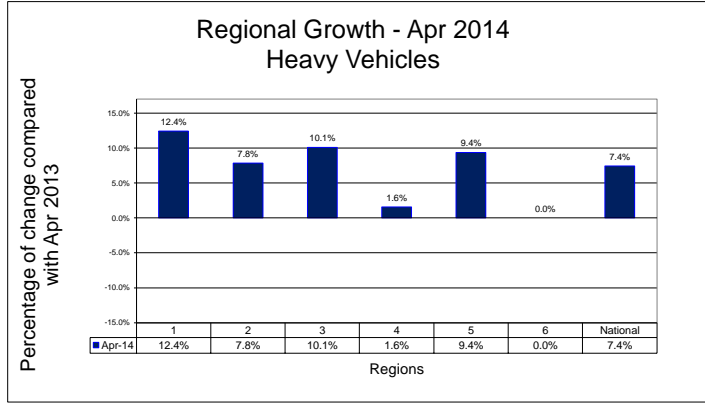
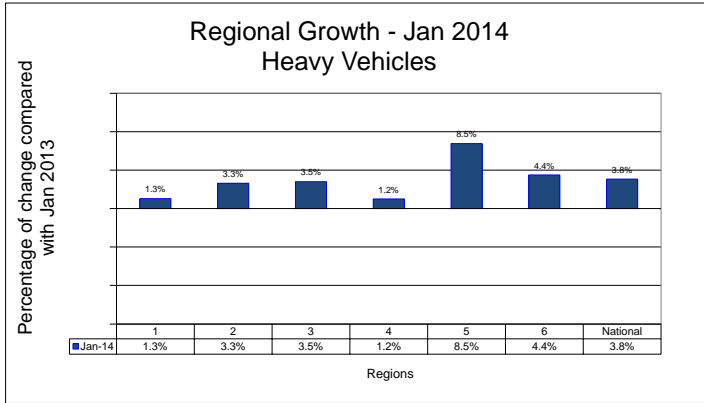
- Light Vehicles
- Heavy Vehicles
- All Vehicles

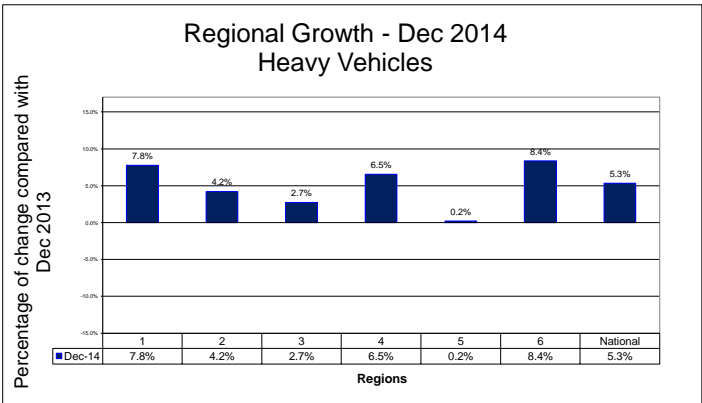
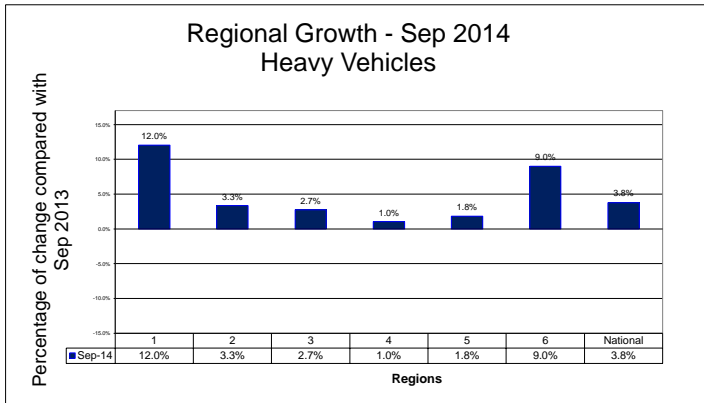
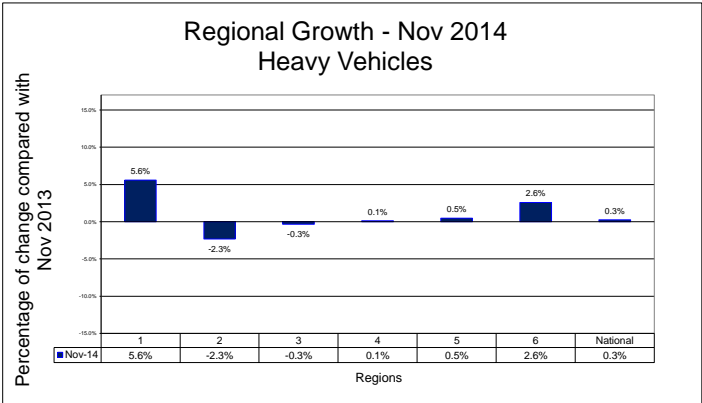
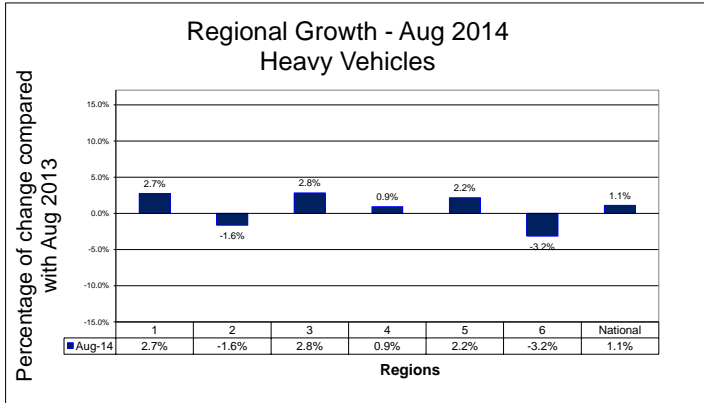
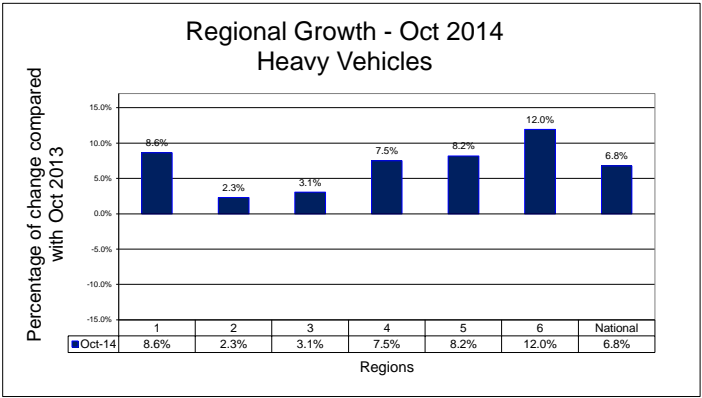
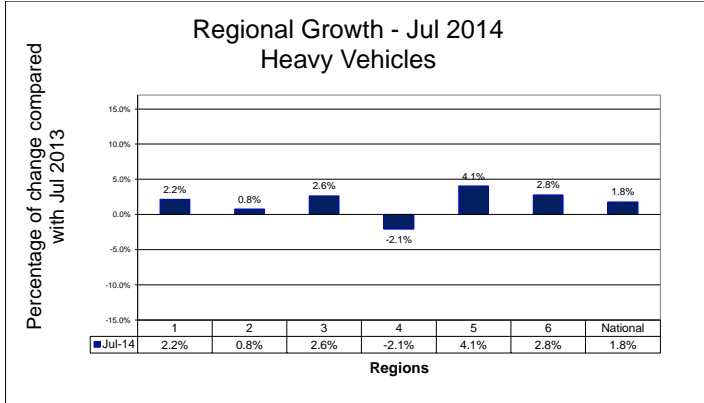
### MADTs of the sample sites for the past thirteen months

- Light Vehicles
- Heavy Vehicles
- All Vehicles

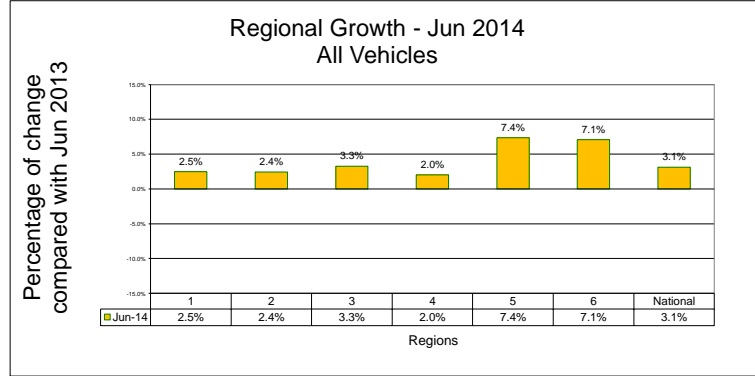
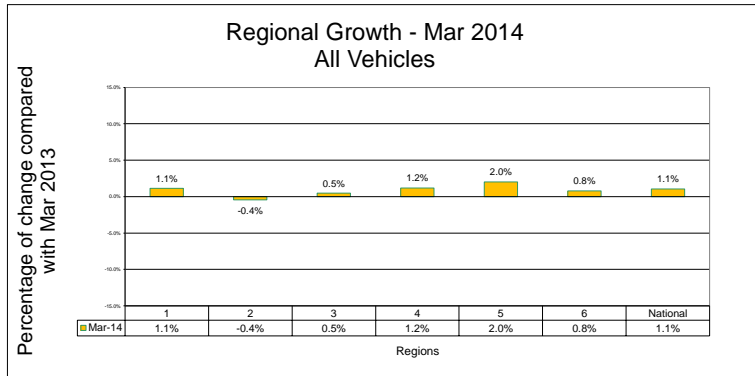
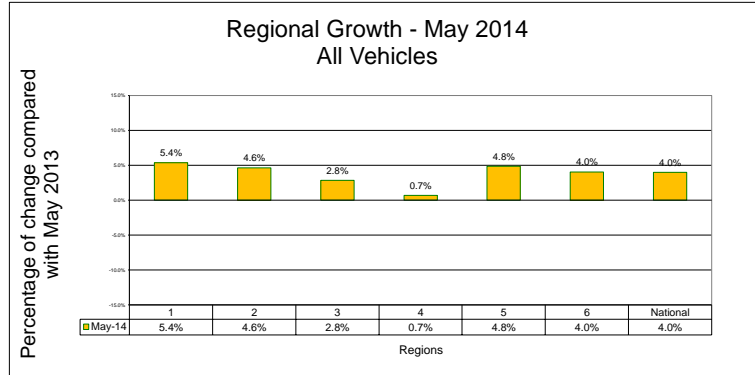
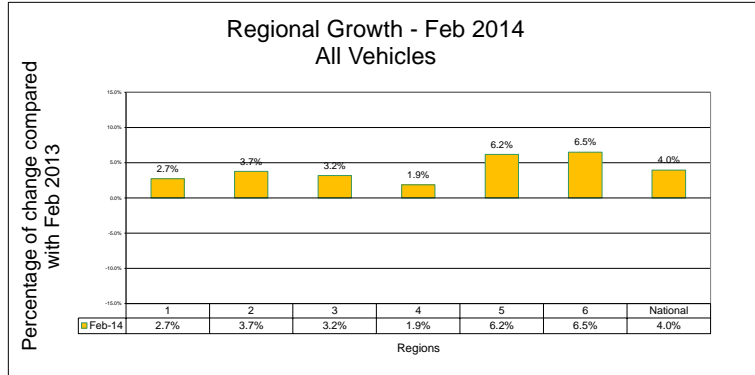
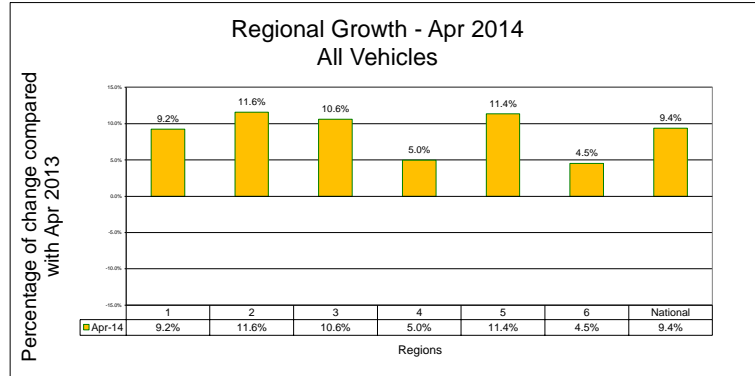
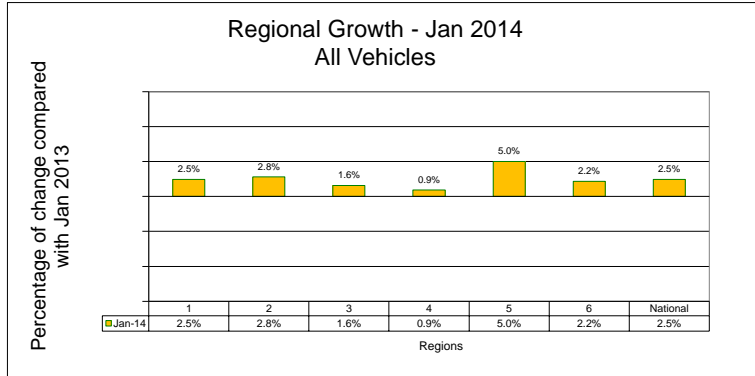


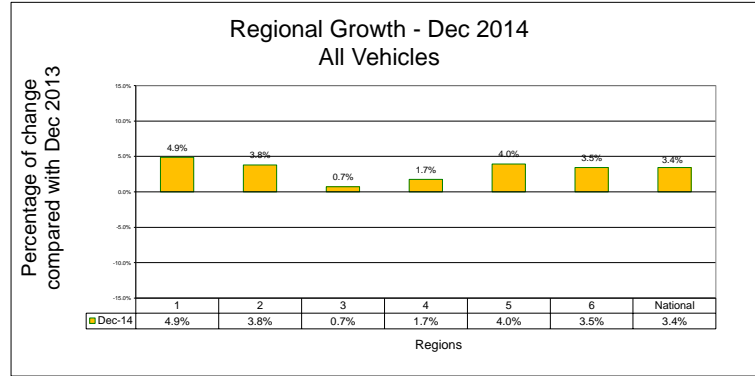
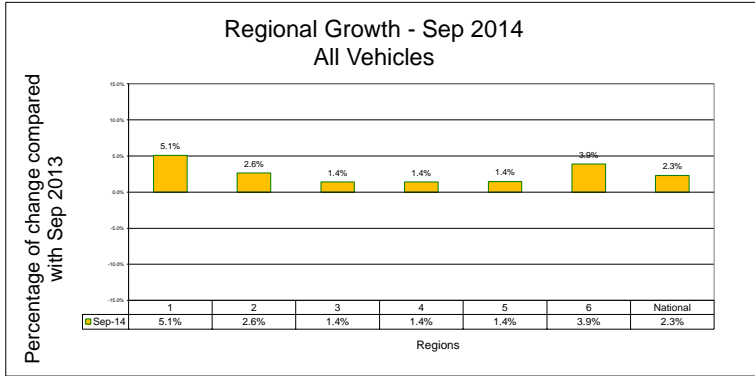
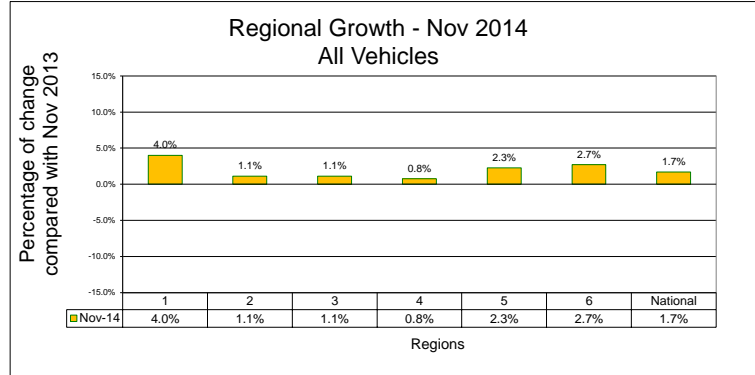
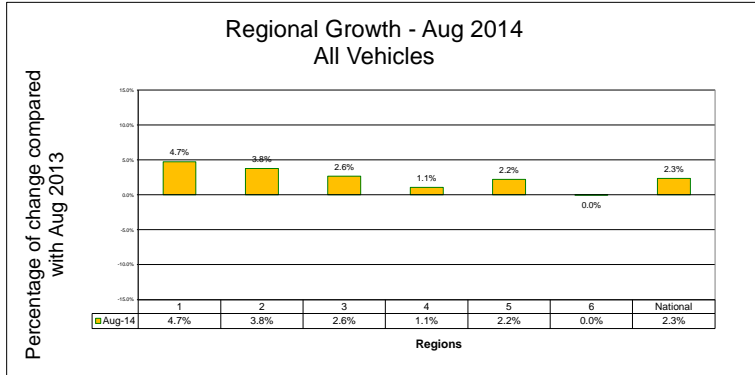
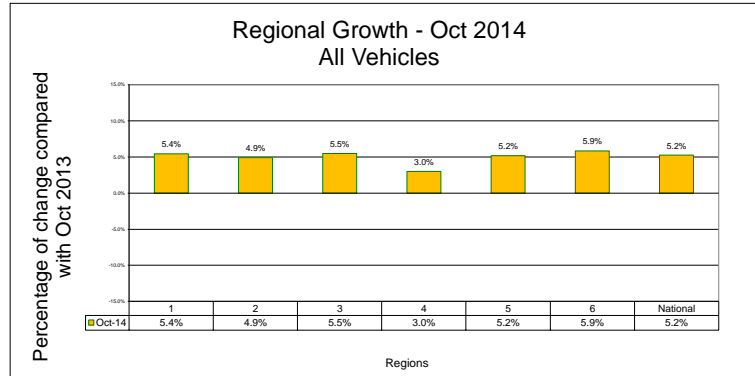
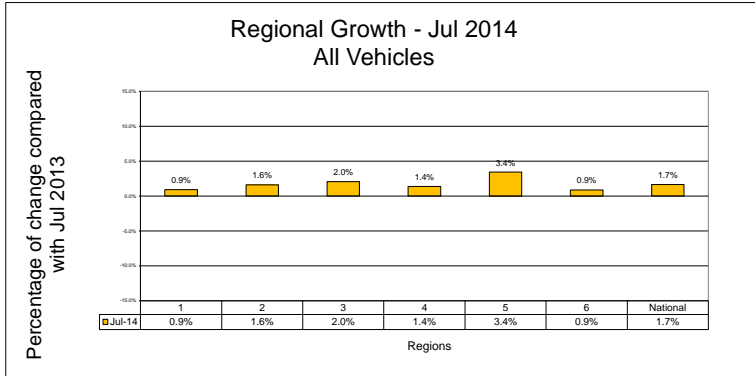












## MADT (Light Vehicles)

Regio	Site Ref	Description	Dec- 13	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14	Nov- 14	Dec- 14
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	5985	6388	5662	5404	5923	4946	4597	4458	4686	4655	5509	5575	5904
1	ID:01200026	KAIKOHE - Telemetry Site 102	1316	1413	1292	1257	1261	1158	1071	1061	1094	1098	1226	1278	1341
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	2221	2142	2307	2341	2168	2273	2223	2210	2245	2152	2334	2413	2379
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	29882	28748	29423	28432	28775	28179	26570	27504	27432	27891	29317	29498	31261
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	28702	29604	28690	27594	28226	26946	26351	27086	27005	27372	28932	28251	29593
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	9220	10527	8768	8009	9190	7349	6856	6766	6878	6638	8323	8212	8608
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB			58793		55512	59425	55622	57815	58072	56732	59112	61748	59622
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB			53427		51320	53366	50906	52850	52929	51465	54056	55663	54382
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	18993	18497	17533	16694	17724	15866	14813	15383	15344	16038	18034	17403	19918
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	17649	19253	17444	16853	17503	15377	15310	15174	15084	14176	17973	16686	17768
1	ID:01N00388	ALPURT - Telemetry Site 95	16612	18009	15990	14810	15592	13871	13090	13166	13120	12945		15118	17286
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
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
1	ID:01810007	SH18 Upper Harbour Bridge WB			19408	19841	18481	20208	19185	19338	19740	20014	20236	20973	19694
1	ID:01820007	SH18 Upper Harbour Bridge EB	17593	16327	18639	18778	17792	18967	18027	18319	18571	18976	19120	19922	19306
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	40896	38341	43310	43267	41497	43496	41555	42526	42410	43372	43933	45192	43566
1	ID:02020012	SH20 Waimesley Rd Off Ramp to Rimu Rd Off Ramp SB	39915	37620	41988	41699	40261	41981	39925	41184	41111	42053	42529	43751	42354
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	13381	16054	13199	12296	13495	11292	10633	11115	10997	10650	12953	12350	13396
2	ID:25A00024	HIKUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	3968	5042	3553	3225	3496	2468	2231	2270	2212	2286	3315	2858	3376
2	ID:02700011	KAIHERE - Telemetry Site 33	3925	3938	3708	3531	3835	3342	3093	3349	3250	3238	3673	3464	4109
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	20123	19659	20057	19865	20497	19342	18972	19321	19427	18153	20433	20442	21562
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	8856	8348	8369	7766	8306	7426	7034	7492	7307	7073	8186	7840	8820
2	ID:00300014	OHAUPO - Telemetry Site 119	10288	9484	10793	10750	10273	10872	10673	10536	10543	9943	10747	10933	10593
2	ID:00300085	TE KUIITI - Telemetry Site 16 - Nth of 8 Mile Junction	3739	3640	3536	3480	3748	3161	3110	3502	3554	3343	3601	3301	3663
2	ID:03200074	West of Taupo - Telemetry Site 43	563	643	566	491	554	414	400	454	453	423	512	479	498
2	ID:01N00580	KARAPIRO - Telemetry Site 20	14223	14313	13975	13418	14103	13009	12805	12832	12433	12161	13790	13435	14769
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	7752	9133	7502	7102	7402	6354	6101	6266	6231	5973	7298	6937	8237
2	ID:01N00729	HALLETT'S BAY - Telemetry Site 42	5277	5886	5257	4394	5066	3809	3558	4457	4153	3996	4690	4324	5084
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	7990	7883	7796	7139	7853	6807	6444	6899	6647	6750	7565	7187	8317
2	ID:01N90552	GREENWOOD - Telemetry Site 97	22478	21701	23458	23347	22396	23556	22772	23176	22658	21508	23163	23373	23242
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	17181	16968	16522	16045	16006	15928			15352	15794	16442	14008	17847
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	17004	16590	16986	16459		16069	15433	15679	15389	15113	16580	16926	17541
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	16731	16717	16997	16543		15977	15403	15588	15334	14964	16580	16910	17394
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	4633	4803	4260	4295	4201	3977	3711	3837	3800	3641	4280	4281	4876
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22			2624	2580	2548	2386	2291	2347	2264	2255	2536	2510	2939
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	3752	4062	3531	3300	3712	3193	3037	3056	3010	2809	3339	3365	3877
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	5143	5522	5037	4821	5463	4598	4441	4591	4457	4043	5077	4816	5459
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	8985	9130	8593	8290	8540	7885	7209	7704	7594	7222	8436		9224
2	ID:00500057	WAIPA - Telemetry Site 41 - Sth of SH30	7051	7483	7091	6501	6842	6061	5715	6219	5880	5658	6685	6618	7483
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	17371	17035	16702	16038	16394	17046	16026	16315	15991	15753	16818	17425	
2	ID:00200242	AWAKERI - Telemetry Site 92	8718	8378	8264	8372	7975	8245	7904	8023	7904	7509	8353	8402	8897
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	15657	15060	15634	15276	14720	15337	14686	14947	14851	14330	15588	16064	16575
2	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	16218	16049	16554	16176	15463	16153	15453	15738	15640	15120	16410	16866	17024
2	ID:03600014	OROPI - Telemetry Site 117	2913	3062	3047	2945	2252	2685	2533	2651	2622	2656	2872	2932	2890
3	ID:00200428	ORMOND : Telemetry Site 26	2410	2295	2291	2190	2178	2086	1963	2064	1997	1891	2143	2214	2386
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	5045	5140	4090	3844	3980	3763	3566	3334	3349	3358	3882	4401	4774
3	ID:00200627	TANGOIO - Telemetry Site 24	1901	2066	1739	1630	1783	1584	1474	1484	1435	1461	1699	1663	1830
3	ID:00500230	TE POHUE -Telemetry Site 23	2652	2911	2663	2379	2571	1964	1855	2082	1876	1933	2454	2181	2510
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	3689	3760	3499	3158	3348	2713	2545	2689	2609	2660	3185	3046	3386
3	ID:05000010	Nth of Tutaekuri River (Telemetry Site 58)	22969	21431	21681	21540	20708	21316	20614	20699	20628	19864	21429	22109	22374

## MADT (Light Vehicles)

Regio	Site Ref	Description	Dec- 13	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14	Nov- 14	Dec- 14
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	1912	2018	1869	1836	1910	1549	1557	1536	1490	1499	1897	1676	1795
3	ID:00300267	TARIKI - Telemetry Site 6	8212	7736	8170	8229	7965	8173	7723	8028	7713	7526	8109	8384	8420
3	ID:00300370	WAITOTARA - Telemetry Site 5	3267	3109	3149	3229	3026	2858	2686	2872	2735	2620	3068	3030	3293
3	ID:04500101	OHAWA BEACH Rd - Telemetry Site 71	3535	3407	3628	3481	3296	3451	3244	3274	3279	3155	3518	3568	3684
3	ID:01N00930	SANSON - Telemetry Site 38	11665	11335	11538	11073	11366	10370	9861	10446	10102	9533	11206	10913	12116
3	ID:01N00988	OHAU - Telemetry Site 56	14537	14219	14337	13515	13959	12674	12153	12796	12521	12472	13802	13480	14941
3	ID:00200755	NORSEWOOD - Telemetry Site 25	3653	3928	3653	3461	3558	3019	2966	2983	2804	2806	3402	3245	3615
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	6403	6319	6236	6199	6052	5784	5517	5695	5530	5542	6147	6166	6819
3	ID:00400133	HOROPITO - Telemetry Site 37	1679	1715	1636	1444	1786	1205	1252	1984	1947	1939	1787	1453	1671
3	ID:00400226	UPOKONGARO - Telemetry Site 28	1950	1907	1940	1842	1841	1808	1632	1680	1702	1557	1777	1817	1975
3	ID:01N00827	HIHITAHU - Telemetry Site 29	3935	4776	4195	3556	4264	3210	2942	3356	3118	3087	3869		4052
3	ID:05400049	FIELDING - Telemetry Site 106	6418	5541	6308	6664	6025	6464	6280	6327	6400	5994	6308	6563	6393
3	ID:05700014	SHANNON - Telemetry Site 107	7140	6617	7097	7039	6959	6915	6610	6865	6724	6694	7119	7130	7401
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	21133	20012	22372	22359	20428	22382	21575	21898	22083	21569	22238	22550	21485
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	10621	9955	10721	10398	10000	10260	9982	9757	9825		10216	10590	10818
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	5924	5941	5681	5807	5350	5061	4941	4750	4690	4826	5453	5555	5995
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	22948	21793	22608	21850	21296	20905	20307	20850	20573	20176	21713	21782	22806
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	20927	19347	22020	22188	20179	22157	21359	21578	21939	20548	21981	22433	21227
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	13389	12409	13407	13806	12861	13450	13027	12889	13043	12412	13580	13827	13579
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	20141	18693	21517	21631	19331	21479	20440	20802	20868	20570	21300	21572	20349
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	19503	18012	20841	21030	19042	20846	19820	20109	20264	19164	20679	20952	19752
4	ID:00210965	KELSON - Telemetry Site 99 - SB	15166	15406	16785	16783		16453	15938	15904	15980	15163	16552	16919	16328
4	ID:00220965	KELSON - Telemetry Site 99 - NB	14839	14518	16169	16113		16095	15446	15408	15514	14690	15936	16283	15908
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	21893	21508	21579	21341	20057	20466	19634	20133	20108	19412	21034	21926	22739
4	ID:00600232	MURCHISON - Telemetry Site 35	1744	2121	2009	1657	1773	1203	1056	1166	1078	1137	1450	1547	1647
4	ID:00600100	HIRA - Telemetry Site 36	3141	3427	3323	3013	2818	2450	2170	2277	2299	2218	2673	2907	3274
4	ID:06000040	SH60 Riwaka Telemetry Site 86	4217	5489	4950	3902		2744	2425	2343	2471	2403	3177	3543	3937
4	ID:01S00037	Blenheim Telemetry Site 87				3320	3468	2897	2726	2950	2812	2795	3182	3314	3798
4	ID:06300096	ST ARNAUD - Telemetry Site 93	316	403	434	375	374	237	193	216	204	212	296	317	335
4	ID:06000006	RICHMOND - Telemetry Site 112	10949	11314	10986	10282	9421	9311	8763		8952	8642	9722	10167	11265
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	10451	10065	10304	9926	10215	9172	8763	9343	9049	8628	10022	10329	10949
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	19869	18863	19323	18982	18998	18952	18162	18654	18139	17432	19473	19684	20671
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	1531	1672	1639	1588	1545	1100	1038	1234	1369	1276	1436	1446	
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	2404	2820	2572	2038	2229	1660	1432	1422	1131	1507	1964	2111	2364
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	5643	5472	5638	5305	5695	5125	4846	4970	4792	4558	5519	5431	5888
5	ID:00700108	LEWIS PASS - Telemetry Site 32	1143	1404	1188	978	1213	820	685	755	679	726	979	929	
5	ID:01S00285	WAIKOURA - Telemetry Site 52 - (WIM Site)	7571	8061	7430	6596	7443				5695	5833	7046	7052	8009
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	21419	21386	22447	21605	20616	21707	20943	21886	21562	21319	22201	22295	22323
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	21263	20526	22147	21603	20347	21675	20514	21261	20908	20725	21967	22289	22538
5	ID:00800059	FAIRLIE - Telemetry Site 98 (New Dec 09)	2478	3066	2688	2473	2818	1767	1682	1913	1902	1713	2175	2321	2481
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	9116	9205	10176	9590	8672	9367	8840	8655	8809	8420	9379	10113	9713
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	2889	3029	3056	2866	2765	2322	2188	2429	2280	2294	2665	2805	3040
5	ID:00700239	AHAURA - Telemetry Site 40	1106	1133	1135	1075	1112	1012	889	952	928	897	1037	1057	
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	1019	1157	1185	1030	930	644	593	640	602	619	826		976
5	ID:00600753	HAAST - Telemetry Site 111	978	1200	1224		943	512	401	429	448	609	899	965	977
6	ID:00600895	WANAKA - Telemetry Site 109	3427		3616	3508	4256	2675	2562	2929	2967	2706	3158	3329	3545
6	ID:00800263	TARRAS - Telemetry Site 110	1631	2056	1702	1532	1906	996	883	1105			1333	1455	1542
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	2180	2602	2316	2112	2351	1760	1671	1683	1837	1881	2066	2048	2152
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	15003	13540			14578			14985	14929	14286	15409	15580	15365

MADT (Light Vehicles)

Regio	Site Ref	Description	Dec- 13	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14	Nov- 14	Dec- 14
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	10318	9505			9928			10450	10275	9815	10454	10642	10512
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	2377	2214			2268			2363	2403	2371	2466	2513	2481
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	2810	2691			2733			2811	2901	2876	3001	3234	3087
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	2979	2735			2929			3061	3115	2991	3237	3426	3252
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	1987	1898			1955			1945	1987	1973	2249	2205	2109
6	ID:01S00765	MILTON - Telemetry Site 27	5807	5610	5976	5697	5891	5334	5071	5086	4934	4946	5529	5627	5982
6	ID:06A00001	FRANKTON - Telemetry Site 90	19368	20418	20229	18917	19643	16342	17118	19267	19361	17301	18343	19547	
6	ID:08500161	GALLOWAY - Telemetry Site 89	2084	2191	2041	1831	1837	1717	1604	1662	1763	1790	1866	1941	2203
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	8168	7738	8712	8589	7588	8082	7850	7750	7709	8199	8178	8391	8108
6	ID:08300063	KUROW - Telemetry Site 113	1247	1379	1113	999	1035	712	631		668	687	942	926	1007
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	11154	10165	12101	11349	10218	11133	10451	10551	10786	10242	11701	12179	11045
6	ID:00601147	WINTON - Telemetry Site 46	4492	4060	4559	4569	4368	4416	4248	4200	4283	4098	4468	4703	4699
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	1941	2492	2375	2113	1970	1388	1269	1283	1260	1431	1722	1913	2145
6	ID:01S00854	GORE - Telemetry Site 45	3802	3567	4012	3658	3684	3536	3323	3429	3351	3332	3710	3715	3880
6	ID:09400141	TE ANAU - Telemetry Site 94	1332	1605	1626	1400	1244	748	590	570	612	703	958	1236	1423

## MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	789	833	804	774	775	690	564	593	618	655	741	765	716
1	ID:01200026	KAIKOHE - Telemetry Site 102	57	61	76	86	69	81	56	68	57	62	70	76	67
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	249	262	286	291	272	288	264	311	342	335	361	372	307
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	2567	2583	2913	2860	2787	2861	2533	2673	2645	2803	2913	2947	2772
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	2392	2516	2747	2726	2677	2734	2425	2550	2526	2677	2802	2806	2572
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	1065	1193	1160	1106	1115	1035	885	851	887	910	1057	1077	961
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB			3991		4041	4183	3542	3810	3784	3878	3678	4345	4126
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB			4005		3751	3851	3266	3586	3486	3444	2983	4014	3722
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB	2146	2111	2305	2304	2272	2249	2091	2118	2056	2216	2322	2355	2357
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB	1979	2036	2147	2103	2042	2038	1876	1885	1826	1846	2292	2133	2068
1	ID:01N00388	ALPURT - Telemetry Site 95	1388	1445	1443	1406	1396	1339	1176	1174	1151	1212		1423	1491
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
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
1	ID:01810007	SH18 Upper Harbour Bridge WB			988	1047	969	830	742	780	788	828	847	842	784
1	ID:01820007	SH18 Upper Harbour Bridge EB	556	530	729	764	732	775	690	745	748	777	798	800	765
1	ID:02010012	SH20 Coronation Rd On Ramp to Rimu Rd On Ramp NB	3138	3097	3531	3470	3257	3496	3319	3396	3453	3635	3628	3654	3366
1	ID:02020012	SH20 Walmsley Rd Off Ramp to Rimu Rd Off Ramp SB	3149	3092	3592	3470	3295	3535	3365	3443	3499	3635	3618	3653	3413
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74 West of Grahams Brg	1676	1848	1927	1864	1915	1872	1633	1688	1654	1679	1894	1917	1699
2	ID:25A00024	HIKUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	361	419	313	307	296	254	215	210	221	235	334	302	324
2	ID:02700011	KAIHERE - Telemetry Site 33	907	886	988	964	931	938	831	829	815	881	949	987	965
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	2303	2240	2433	2409	2280	2256	2090	2133	2147	2203	2466	2532	2448
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	1455	1609	1717	1753	1608	1591	1372	1379	1380	1478	1660	1650	1592
2	ID:00300014	OHAUPO - Telemetry Site 119	645	659	778	770	700	730	624	623	618	641	741	715	771
2	ID:00300085	TE KUITI - Telemetry Site 16 - Nth of 8 Mile Junction	707	689	767	759	776	725	623	655	676	686	754	736	675
2	ID:03200074	West of Taupo - Telemetry Site 43	68	81	80	78	68	57	56	52	46	49	61	76	67
2	ID:01N00580	KARAPIRO - Telemetry Site 20	1611	1785	2091	1889	1689	1693	1350	1438	1511	1648	1806	1848	1827
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	832	907	897	868	891	820	729	737	734	754	897	880	882
2	ID:01N00729	HALLETTS BAY - Telemetry Site 42	820	858	910	867	825	829	745	738	667	750	810	853	774
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	1586	1591	1703	1750	1632	1594	1325	1364	1354	1567	1706	1676	1630
2	ID:01N90552	GREENWOOD - Telemetry Site 97	1764	1839	2159	2111	1983	2135	1947	1967	1926	1860	2046	2084	1963
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	1202	1192	1279	1267	1290	1331			1117	1260	1252	1243	1222
2	ID:03010149	TE NGA - Telemetry Site 64 - East End of Puarenga Brg (Inc)	889	923	1001	1006		904	837	856	837	747	743	757	734
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	988	1056	1134	1126		1069	983	978	964	803	802	822	803
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	777	773	769	801	728	782	653	661	681	677	776	760	747
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22			374	388	368	361	336	328	319	352	347	367	368
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	582	626	660	667	611	611	559	525	504	532	601	598	566
2	ID:00500034	TARUKENGA - Telemetry Site 15 - 4.7km West of Dalbeth Rd	613	674	731	719	723	631	544	557	548	537	687	708	682
2	ID:02900034	KAIMAI - Telemetry Site 12 - 100m past Boulder Brg	1457	1332	1714	1724	1625	1577	1152	1251	1285	1408	1608		1575
2	ID:00500057	WAIPA - Telemetry Site 41- Sth of SH30	784	878	956	982	903	849	736	765	726	784	883	883	828
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	1850	1899	2088	2095	1992	2262	1891	1923	1789	1913	2092	1999	
2	ID:00200242	AWAKERI - Telemetry Site 92	701	713	779	783	665	721	595	607	620	646	778	707	683
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	1198	1172	1406	1401	1333	1365	1117	1135	1163	1204	1345	1312	1295
	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	1207	1181	1393	1385	1314	1370	1168	1186	1211	1240	1376	1346	1318
	ID:03600014	OROIPI - Telemetry Site 117	218	234	292	325	204	201	170	188	186	201	235	248	358
3	ID:00200428	ORMOND : Telemetry Site 26	258	300	344	342	282	296	235	230	231	217	253	278	269
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	497	493	595	593	482	587	504	516	449	471	576	589	527
3	ID:00200627	TANGOIO - Telemetry Site 24	362	426	433	443	399	400	364	334	316	311	351	385	363
3	ID:00500230	TE POHUE -Telemetry Site 23	477	504	565	561	552	570	509	480	482	467	525	493	434
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	626	619	717	740	707	723	640	627	630	609	667	663	571
3	ID:05000010	Nth of TutaeKuri River (Telemetry Site 58)	1571	1610	1643	1736	1521	1607	1439	1403	1303	1317	1421	1473	1449
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	425	438	483	475	480	427	380	407	446	435	493	446	388

## MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
3	ID:00300267	TARIKI - Telemetry Site 6	1050	1066	1153	1188	1052	1026	831	896	992	1064	1155	1122	1067
3	ID:00300370	WAITOTARA - Telemetry Site 5	660	664	689	683	683	643	477	511	604	526	606	707	678
3	ID:04500101	OHAWA BEACH Rd - Telemetry Site 71	559	543	548	493	420	369	261	281	436	601	689	666	590
3	ID:01N00930	SANSON - Telemetry Site 38	1592	1615	1713	1708	1671	1629	1403	1439	1466	1418	1667	1749	1697
3	ID:01N00988	OHAU - Telemetry Site 56	1463	1467	1619	1592	1536	1491	1356	1427	1376	1472	1611	1637	1541
3	ID:00200755	NORSEWOOD - Telemetry Site 25	587	657	701	719	652	584	506	509	519	542	630	663	620
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	757	830	870	896	831	802	716	716	723	720	789	869	861
3	ID:00400133	HOROPITO - Telemetry Site 37	277	278	321	306	257	266	234	283	252	262	268	266	259
3	ID:00400226	UPOKONGARO - Telemetry Site 28	173	186	199	189	176	180	178	169	153	154	175	183	175
3	ID:01N00827	HIHITAHU - Telemetry Site 29	904	1059	1064	990	960	920	829	839	758	813	928		863
3	ID:05400049	FIELDING - Telemetry Site 106	229	216	260	268	217	231	217	216	213	217	226	271	303
3	ID:05700014	SHANNON - Telemetry Site 107	729	715	779	781	787	723	688	713	703	774	838	826	758
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	664	650	748	730	665	715	676	688	667	724	719	762	710
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	621	627	695	651	594	598	527	502	533		804	830	783
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	347	345	356	360	315	313	275	267	268	297	332	360	360
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	1755	1858	2068	2075	1995	2021	1839	1938	1886	2010	2166	2240	2098
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	650	623	720	703	639	692	660	698	671	684	701	745	690
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	472	472	552	556	518	525	481	478	481	467	528	553	513
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	657	617	723	692	607	701	662	664	644	676	711	723	670
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	897	850	983	952	855	946	896	904	893	892	967	971	918
4	ID:00210965	KELSON - Telemetry Site 99 - SB	589	665	793	779		767	710	744	705	684	742	733	688
4	ID:00220965	KELSON - Telemetry Site 99 - NB	543	584	701	707		652	592	596	580	594	661	647	609
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	1239	1375	1356	1428	1284	1351	1199	1274	1203	1209	1314	1340	1233
4	ID:00600232	MURCHISON - Telemetry Site 35	292	370	365	332	325	281	219	238	238	248	300	315	275
4	ID:00600100	HIRA - Telemetry Site 36	445	491	524	513	464	449	378	414	432	423	489	501	472
4	ID:06000040	SH60 Riwaka Telemetry Site 86	294	346	364	317		240	157	153	170	186	236	262	250
4	ID:01S00037	Blenheim Telemetry Site 87				755	946	677	571	594	593	674	749	757	679
4	ID:06300096	ST ARNAUD - Telemetry Site 93	32	41	51	52	42	40	27	26	27	25	39	39	38
4	ID:06000006	RICHMOND - Telemetry Site 112	475	518	549	580	537	509	468	456	463	491	566	612	605
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	1816	1846	1913	1773	1684	1570	1312	1391	1394	1514	1724	1804	1820
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	1946	1733	1819	1882	1704	1683	1358	1395	1506	1682	1966	1906	1888
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	247	263	279	279	237	203	190	199	183	208	254	252	
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	506	542	565	515	543	523	425	386	358	506	602	613	492
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	1110	1127	1160	1164	1062	979	749	774	880	1009	1110	1073	1101
5	ID:00700108	LEWIS PASS - Telemetry Site 32	198	265	219	212	220	188	154	162	164	160	206	205	
5	ID:01S00285	WAIPARA - Telemetry Site 52 - (WIM Site)	1230	1302	1305	1227	1242				1009	1182	1369	1389	1333
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	1590	1724	1818	1701	1581	1667	1421	1500	1481	1624	1736	1711	1595
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	1422	1442	1554	1453	1347	1430	1216	1297	1272	1399	1518	1516	1465
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	1806	1739	1952	1824	1778	1990	1814	1900	1810	1994	2051	2101	1897
5	ID:00800059	FAIRLIE - Telemetry Site 98	310	398	361	332	362	233	199	193	199	221	291	322	319
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	412	428	438	411	363	273	210	231	260	355	436	445	408
5	ID:00700239	AHAURA - Telemetry Site 40	208	211	229	227	200	181	132	147	170	180	221	226	
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	117	120	132	119	102	72	53	59	65	84	106		105
5	ID:00600753	HAAST - Telemetry Site 111	91	105	117		105	68	46	47	55	67	92	98	88
6	ID:00600895	WANAKA - Telemetry Site 109	261		308	295	340	204	188	211	205	221	262	270	272
6	ID:00800263	TARRAS - Telemetry Site 110	227	298	261	244	293	191	156	165			214	241	177
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	229	289	275	241	257	207	168	177	202	213	232	238	240
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	844	827			812			741	743	782	912	886	814
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	685	671			686			585	584	630	701	691	637
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	116	121			116			131	132	133	141	147	131

MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	187	192			193			208	210	222	233	240	219
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	120	119			127			136	140	133	159	168	150
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	70	71			68			67	70	76	104	79	74
6	ID:01S00765	MILTON - Telemetry Site 27	809	826	954	884	870	794	644	629	639	742	867	878	860
6	ID:06A00001	FRANKTON - Telemetry Site 90	975	1012	1106	1022	989	748	741	899	882	813	908	1051	
6	ID:08500161	GALLOWAY - Telemetry Site 89	122	138	153	144	129	125	97	110	115	123	132	132	145
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	508	514	625	553	451	482	450	405	369	487	509	581	492
6	ID:08300063	KUROW - Telemetry Site 113	167	186	162	144	141	95	71	78	89	107	139	136	142
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	338	362	438	463	395	421	379	410	412	428	492	489	430
6	ID:00601147	WINTON - Telemetry Site 46	480	472	534	538	471	450	395	386	395	451	548	641	603
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	221	296	292	286	242	208	124	145	154	176	206	238	244
6	ID:01S00854	GORE - Telemetry Site 45	542	550	616	577	529	516	366	373	430	527	596	586	575
6	ID:09400141	TE ANAU - Telemetry Site 94	142	170	177	160	137	83	60	64	65	88	121	157	174





MADT (All Vehicles)

NZTA Region	Site Ref	Description	Dec- 13	Jan- 14	Feb- 14	Mar- 14	Apr- 14	May- 14	Jun- 14	Jul- 14	Aug- 14	Sep- 14	Oct- 14	Nov- 14	Dec- 14
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	2337	2456	2352	2311	2390	1976	1937	1943	1936	1934	2390	2122	2183
3	ID:00300267	TARIKI - Telemetry Site 6	9262	8802	9323	9417	9017	9199	8554	8924	8705	8590	9264	9506	9487
3	ID:00300370	WAITOTARA - Telemetry Site 5	3927	3773	3838	3912	3709	3501	3163	3383	3339	3146	3674	3737	3971
3	ID:04500101	OHAWE BEACH Rd - Telemetry Site 71	4094	3950	4176	3974	3716	3820	3505	3555	3715	3756	4207	4234	4274
3	ID:01N00930	SANSON - Telemetry Site 38	13257	12950	13251	12781	13037	11999	11264	11885	11568	10951	12873	12662	13813
3	ID:01N00988	OHAU - Telemetry Site 56	16000	15686	15956	15107	15495	14165	13509	14223	13897	13944	15413	15117	16482
3	ID:00200755	NORSEWOOD - Telemetry Site 25	4240	4585	4354	4180	4210	3603	3472	3492	3323	3348	4032	3908	4235
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	7160	7149	7106	7095	6883	6586	6233	6411	6253	6262	6936	7035	7680
3	ID:00400133	HOROPITO - Telemetry Site 37	1956	1993	1957	1750	2043	1471	1486	2267	2199	2201	2055	1719	1930
3	ID:00400226	UPOKONGARO - Telemetry Site 28	2123	2093	2139	2031	2017	1988	1810	1849	1855	1711	1952	2000	2150
3	ID:01N00827	HIHITAHU - Telemetry Site 29	4839	5835	5259	4546	5224	4130	3771	4195	3876	3900	4797		4915
3	ID:05400049	FIELDING - Telemetry Site 106	6647	5757	6568	6932	6242	6695	6497	6543	6613	6211	6534	6834	6696
3	ID:05700014	SHANNON - Telemetry Site 107	7869	7332	7876	7820	7746	7638	7298	7578	7427	7468	7957	7956	8159
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	21797	20662	23120	23089	21093	23097	22251	22586	22750	22293	22957	23312	22195
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	11242	10582	11416	11049	10594	10858	10509	10259	10358		11020	11420	11601
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	6271	6286	6037	6167	5665	5374	5216	5017	4958	5123	5785	5915	6355
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47 (Piezo Axle Classification)	24703	23651	24676	23925	23291	22926	22146	22788	22459	22186	23879	24022	24904
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	21577	19970	22740	22891	20818	22849	22019	22276	22610	21232	22682	23178	21917
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	13861	12881	13959	14362	13379	13975	13508	13367	13524	12879	14108	14380	14092
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	20798	19310	22240	22323	19938	22180	21102	21466	21512	21246	22011	22295	21019
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	20400	18862	21824	21982	19897	21792	20716	21013	21157	20056	21646	21923	20670
4	ID:00210965	KELSON - Telemetry Site 99 - SB	15755	16071	17578	17562		17220	16648	16648	16685	15847	17294	17652	17016
4	ID:00220965	KELSON - Telemetry Site 99 - NB	15382	15102	16870	16820		16747	16038	16004	16094	15284	16597	16930	16517
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	23132	22883	22935	22769	21341	21817	20833	21407	21311	20621	22348	23266	23972
4	ID:00600232	MURCHISON - Telemetry Site 35	2036	2491	2374	1989	2098	1484	1275	1404	1316	1385	1750	1862	1922
4	ID:00600100	HIRA - Telemetry Site 36	3586	3918	3847	3526	3282	2899	2548	2691	2731	2641	3162	3408	3746
4	ID:06000040	SH60 Riwaka Telemetry Site 86	4511	5835	5314	4219		2984	2582	2496	2641	2589	3413	3805	4187
4	ID:01S00037	Blenheim Telemetry Site 87				4075	4414	3574	3297	3544	3405	3469	3931	4071	4477
4	ID:06300096	ST ARNAUD - Telemetry Site 93	348	444	485	427	416	277	220	242	231	237	335	356	373
4	ID:06000006	RICHMOND - Telemetry Site 112	11424	11832	11535	10862	9958	9820	9231	9229	9415	9133	10288	10779	11870
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	12267	11911	12217	11699	11899	10742	10075	10734	10443	10142	11746	12133	12769
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	21815	20596	21142	20864	20702	20635	19520	20049	19645	19114	21439	21590	22559
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	1778	1935	1918	1867	1782	1303	1228	1433	1552	1484	1690	1698	
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	2910	3362	3137	2553	2772	2183	1857	1808	1489	2013	2566	2724	2856
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	6753	6599	6798	6469	6757	6104	5595	5744	5672	5567	6629	6504	6989
5	ID:00700108	LEWIS PASS - Telemetry Site 32	1341	1669	1407	1190	1433	1008	839	917	843	886	1185	1134	
5	ID:01S00285	WAI PARA - Telemetry Site 52 - (WIM Site)	8801	9363	8735	7823	8685				6704	7015	8415	8441	9342
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	23009	23110	24265	23306	22197	23374	22364	23386	23043	22943	23937	24006	23918
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	22685	21968	23701	23056	21694	23105	21730	22558	22180	22124	23485	23805	24003
5	ID:00800059	FAIRLIE - Telemetry Site 98 (New Dec 09)	2788	3464	3049	2805	3180	2000	1881	2106	2101	1934	2466	2643	2800
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	10922	10944	12128	11414	10450	11357	10654	10555	10619	10414	11430	12214	11610
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	3301	3457	3494	3277	3128	2595	2398	2660	2540	2649	3101	3250	3448
5	ID:00700239	AHAURA - Telemetry Site 40	1314	1344	1364	1302	1312	1193	1021	1099	1098	1077	1258	1283	
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	1136	1277	1317	1149	1032	716	646	699	667	703	932		1081
5	ID:00600753	HAAST - Telemetry Site 111	1069	1305	1341		1048	580	447	476	503	676	991	1063	1065
6	ID:00600895	WANAKA - Telemetry Site 109	3688		3924	3803	4596	2879	2750	3140	3172	2927	3420	3599	3817
6	ID:00800263	TARRAS - Telemetry Site 110	1858	2354	1963	1776	2199	1187	1039	1270			1547	1696	1719
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	2409	2891	2591	2353	2608	1967	1839	1860	2039	2094	2298	2286	2392
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	15847	14367			15390			15726	15672	15068	16321	16466	16179
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	11003	10176			10614			11035	10859	10445	11155	11333	11149
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	2493	2335			2384			2494	2535	2504	2607	2660	2612
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	2997	2883			2926			3019	3111	3098	3234	3474	3306

## MADT (All Vehicles)

NZTA Region	Site Ref	Description	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	3099	2854			3056			3197	3255	3124	3396	3594	3402
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	2057	1969			2023			2012	2057	2049	2353	2284	2183
6	ID:01S00765	MILTON - Telemetry Site 27	6616	6436	6930	6581	6761	6128	5715	5715	5573	5688	6396	6505	6842
6	ID:06A00001	FRANKTON - Telemetry Site 90	20343	21430	21335	19939	20632	17090	17859	20166	20243	18114	19251	20598	
6	ID:08500161	GALLOWAY - Telemetry Site 89	2206	2329	2194	1975	1966	1842	1701	1772	1878	1913	1998	2073	2348
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	8676	8252	9337	9142	8039	8564	8300	8155	8078	8686	8687	8972	8600
6	ID:08300063	KUROW - Telemetry Site 113	1414	1565	1275	1143	1176	807	702	727	757	794	1081	1062	1149
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	11492	10527	12539	11812	10613	11554	10830	10961	11198	10670	12193	12668	11475
6	ID:00601147	WINTON - Telemetry Site 46	4972	4532	5093	5107	4839	4866	4643	4586	4678	4549	5016	5344	5302
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	2162	2788	2667	2399	2212	1596	1393	1428	1414	1607	1928	2151	2389
6	ID:01S00854	GORE - Telemetry Site 45	4344	4117	4628	4235	4213	4052	3689	3802	3781	3859	4306	4301	4455
6	ID:09400141	TE ANAU - Telemetry Site 94	1474	1775	1803	1560	1381	831	650	634	677	791	1079	1393	1597