



Traffic Volumes Monthly Report
December 2013

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Quality Assurance Statement

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Revision Schedule

Rev. No	Date	Description	Prepared by	Reviewed by	Approved by
1	10/01/2014	Final	Gerald Wen	Philip Blagdon	

Overview

Summary

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

December 2013 State Highway Traffic Insights

All Vehicles

2.3%

Nationally, the MADT of all vehicles was up 2.3% when compared to the same month last year.

All six regions measured an increase between 0.9% to 3.3%. Region2 (Waikato and Bay of Plenty) recorded the largest monthly increase (3.3%) and region6 (Otago and Southland) with the smallest increase (0.9%).

Heavy Vehicles

3%

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

Five regions recorded an increase, while the one remainin region (Otago and Southland) recorded a decrease.

8.7%

Region5 (Canterbury and West Coast) recorded the highest heavy vehicle growth (+8.7%).

In this report This report contains the following topics.

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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 all vehicles and for heavy vehicles, at a national and regional level.
We first calculate the percentage change in MADT (all and heavy 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	18
Waikato and Bay of Plenty	25
Taranaki, Manawatu-Wanganui, Hawkes Bay and Gisborne	19
Wellington, Nelson, Marlborough and Tasman	17
Canterbury and West Coast	15
Otago and Southland	19
Total	113

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 December 2012, December 2013 and percentage change compared are reported in the table below.

Note the MADT values include all vehicles.

Site	City Represented	MADT (All Vehicles) December - 12	MADT (All Vehicles) December - 13	% Change
Auckland Harbour Bridge (SH1)	Auckland	161044	144281	-10%
Greenwood (SH1)	Hamilton	23055	24242	5%
Ngauranga Interchange (SH 1 and SH2)	Wellington	82858	84572	2%
Waimakariri Bridge	Christchurch	44185	45694	3%
Burnside	Dunedin	26351	26850	2%

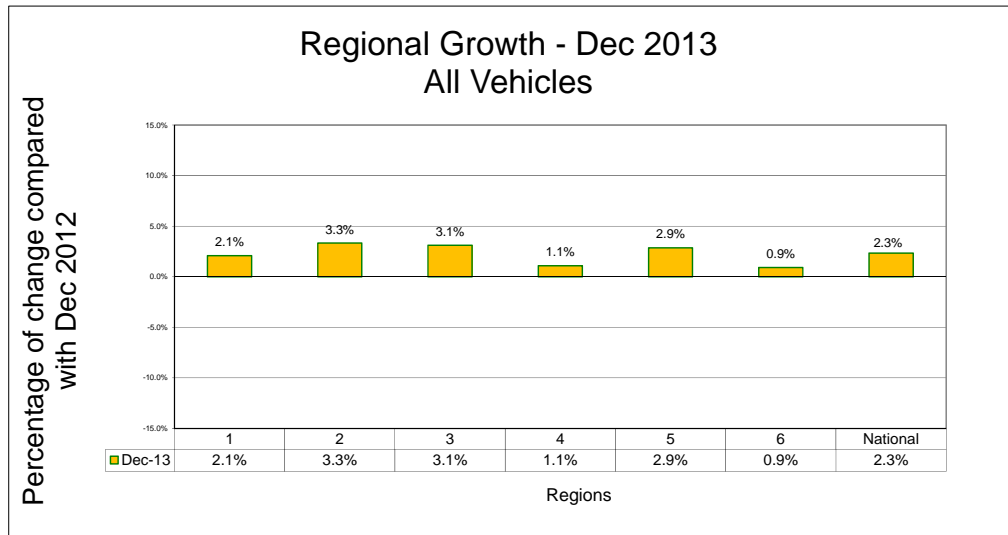
Results: All Vehicles

Regions

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

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

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



More graphs

The graphs (as above) dated back to January 2008 are available from the NZTA website:

<http://www.nzta.govt.nz/resources/state-highway-traffic-growth/>

All sites

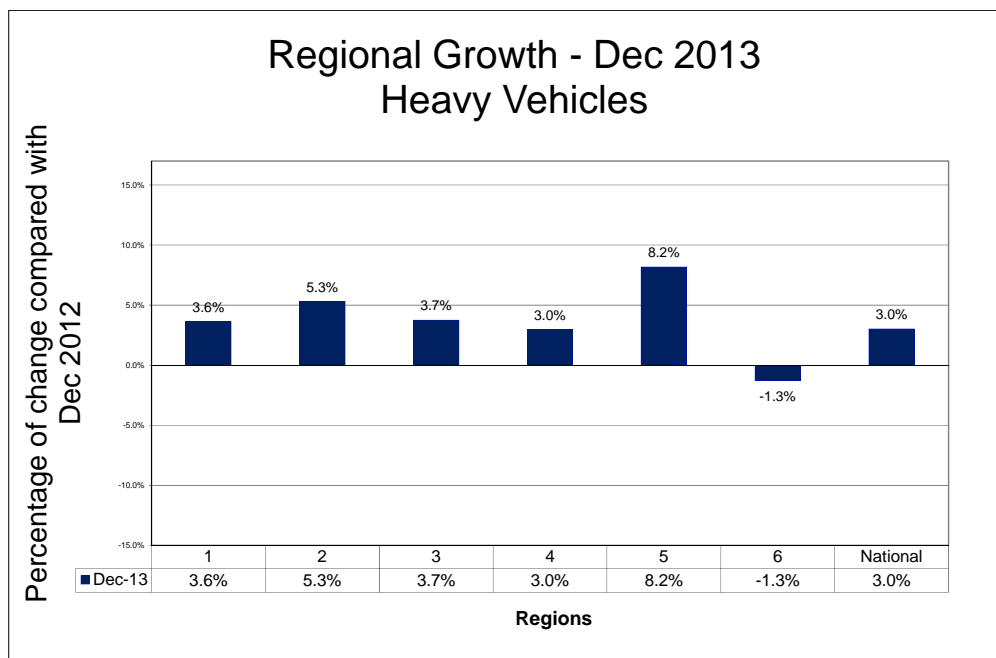
A table of MADT (all vehicles) values for the past thirteen months is attached to this report.

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 graphs (as above) dated back to January 2008 are available from the NZTA website:

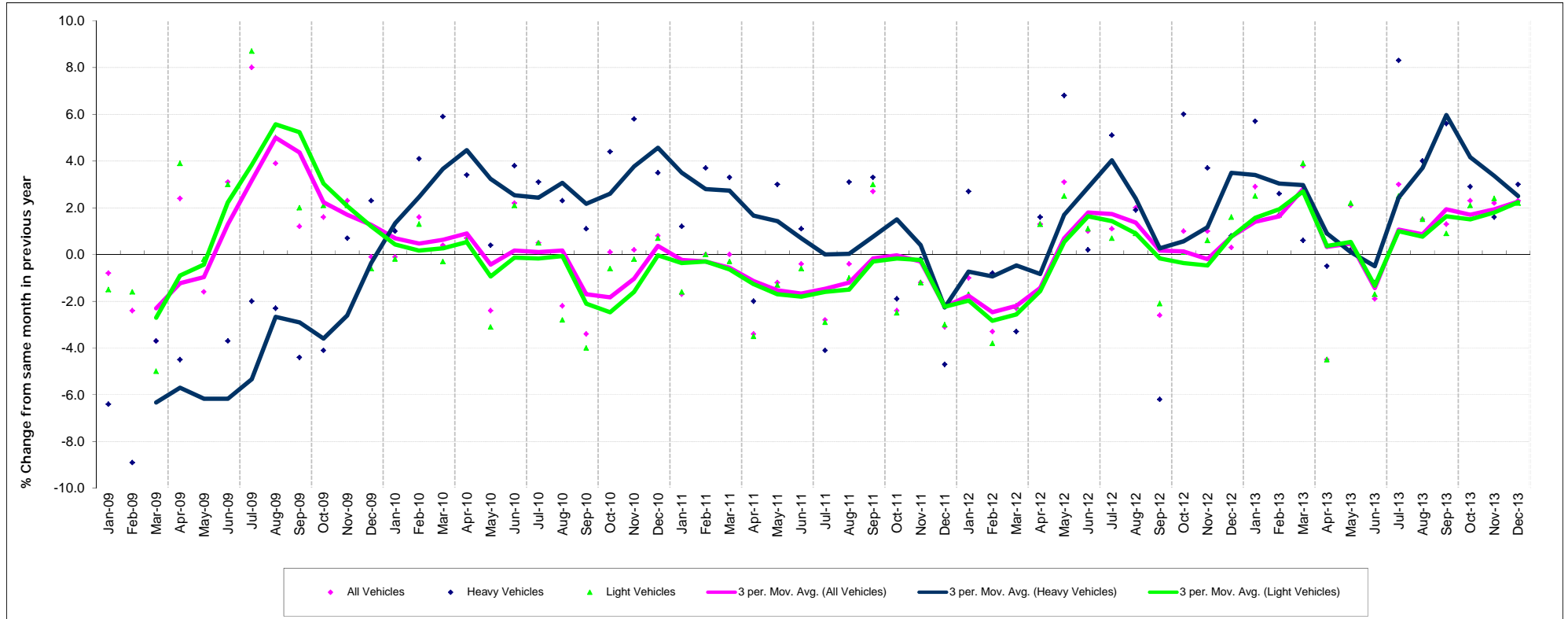
<http://www.nzta.govt.nz/resources/state-highway-traffic-growth/>

All sites

A table of MADT (heavy 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 5 years national MADT % change versus the same month of the previous year, summarising the figures published in the previous monthly reports.



Year	2009			2010			2011			2012			2013		
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
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
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
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
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
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
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
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
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
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
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
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
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

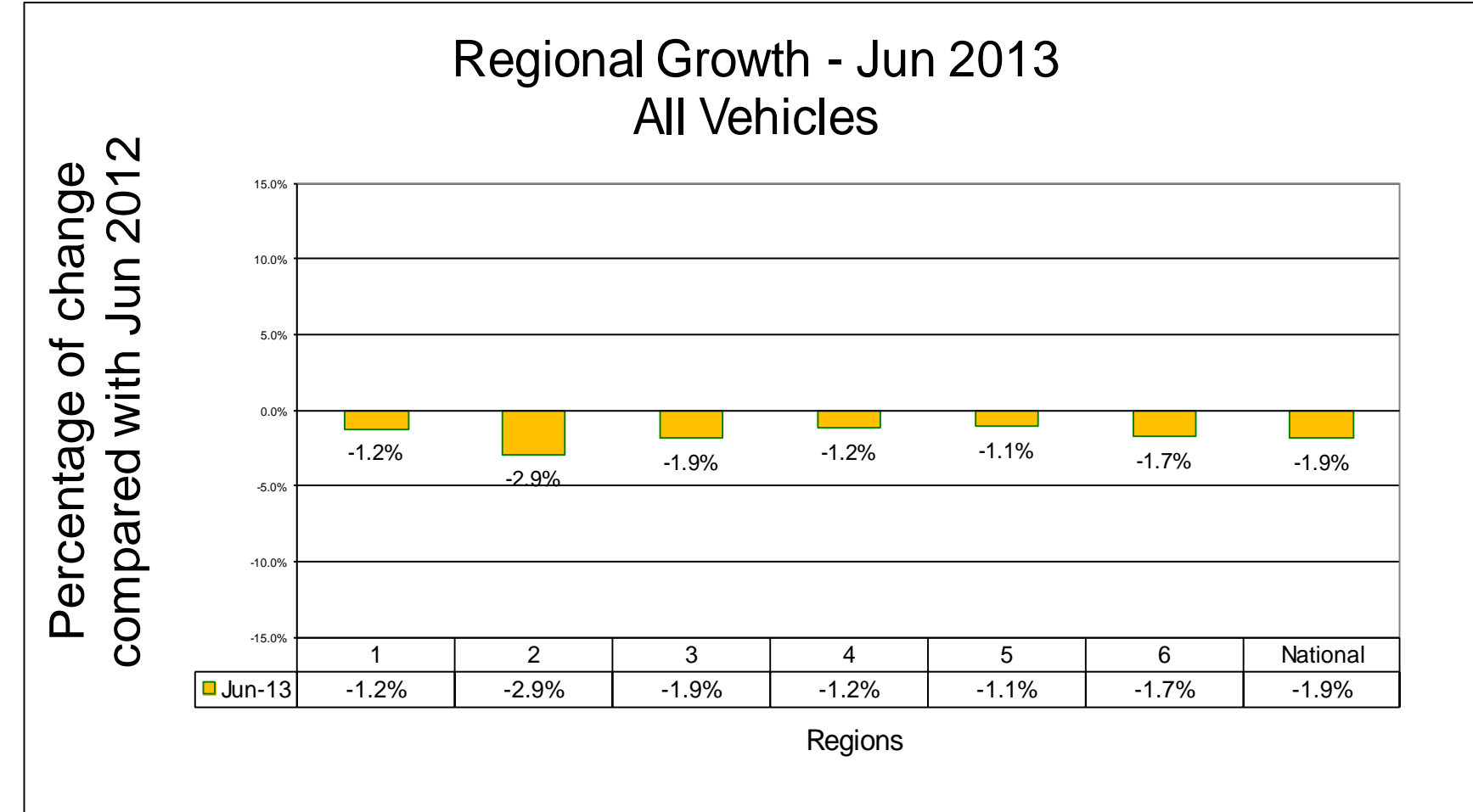
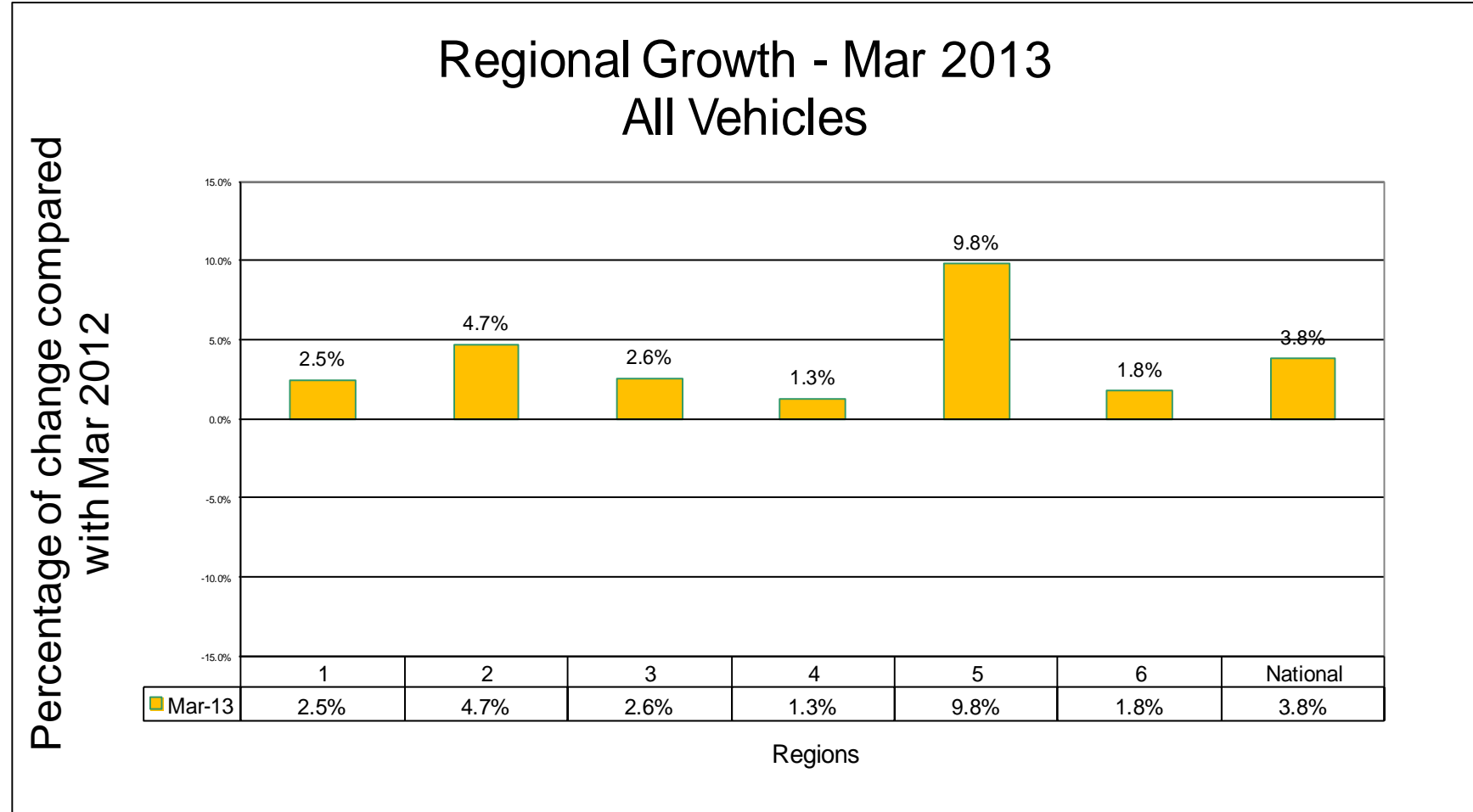
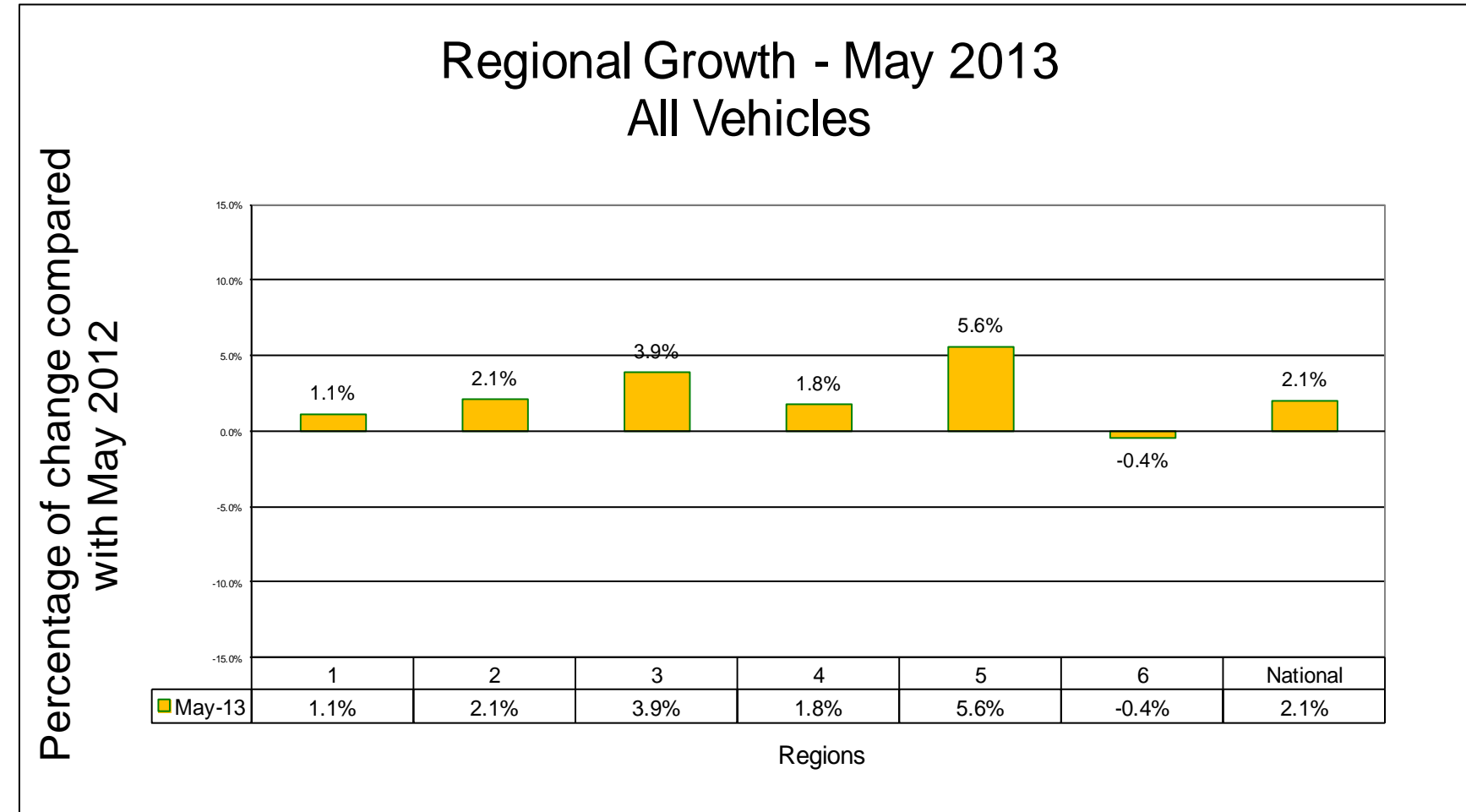
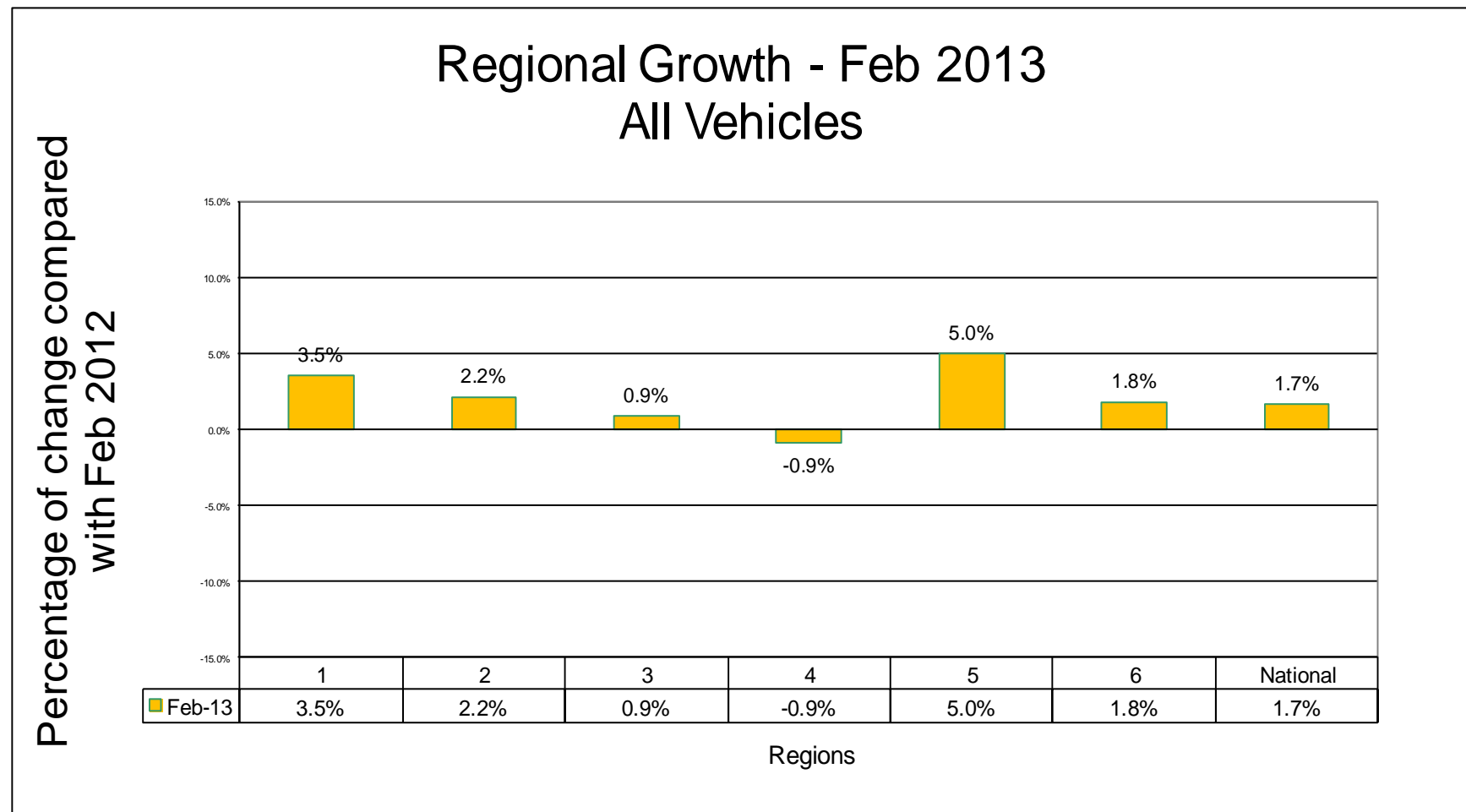
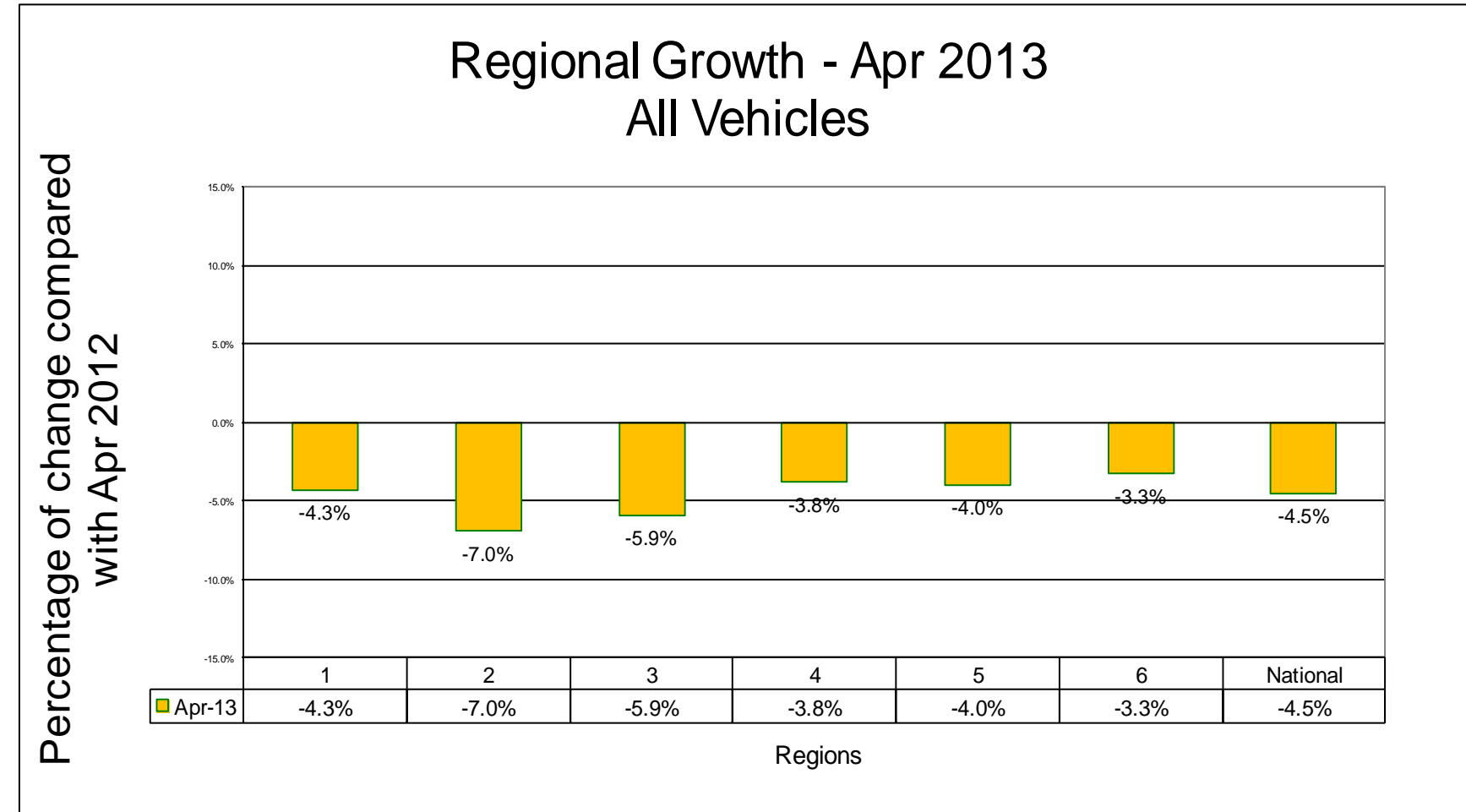
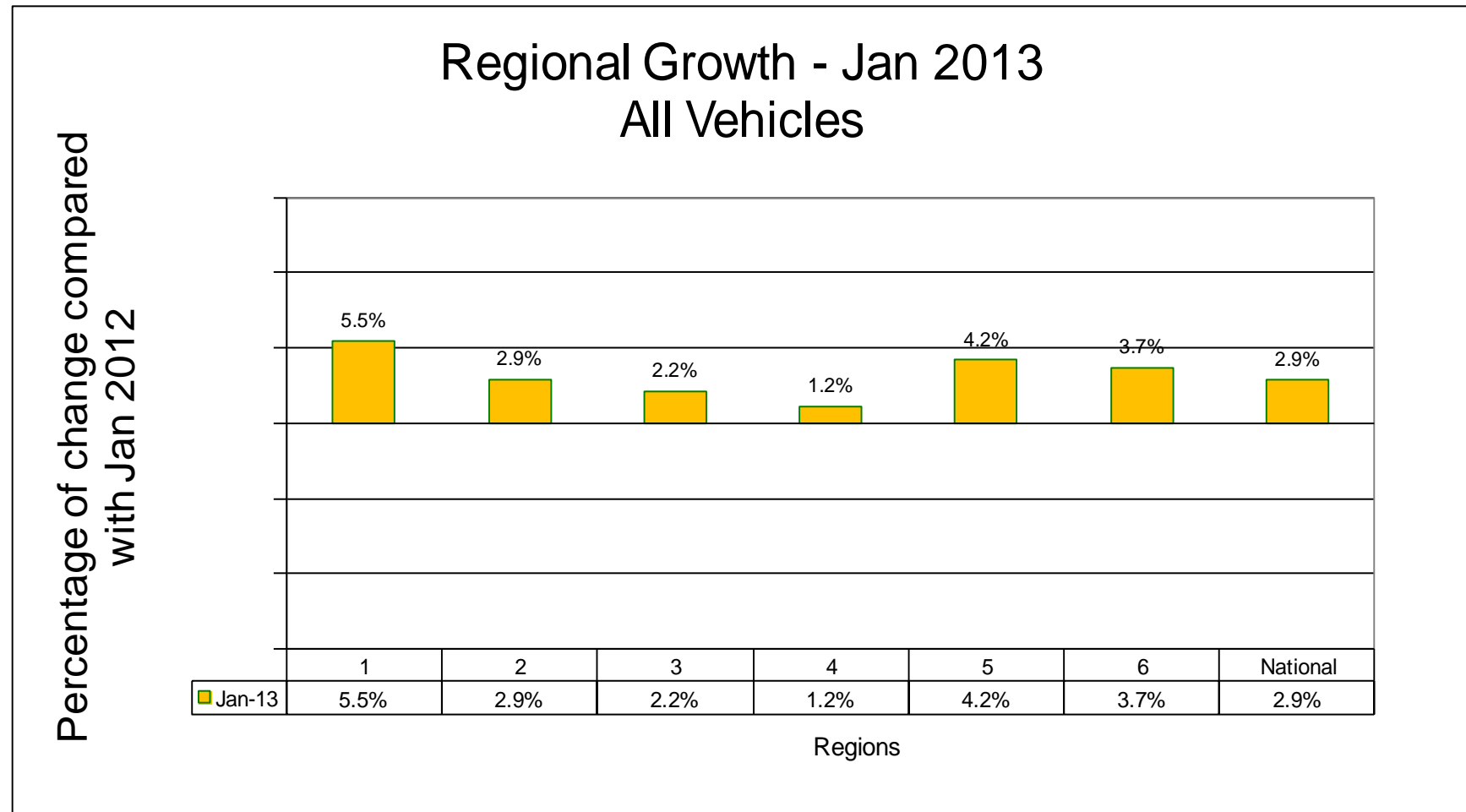
Appendices

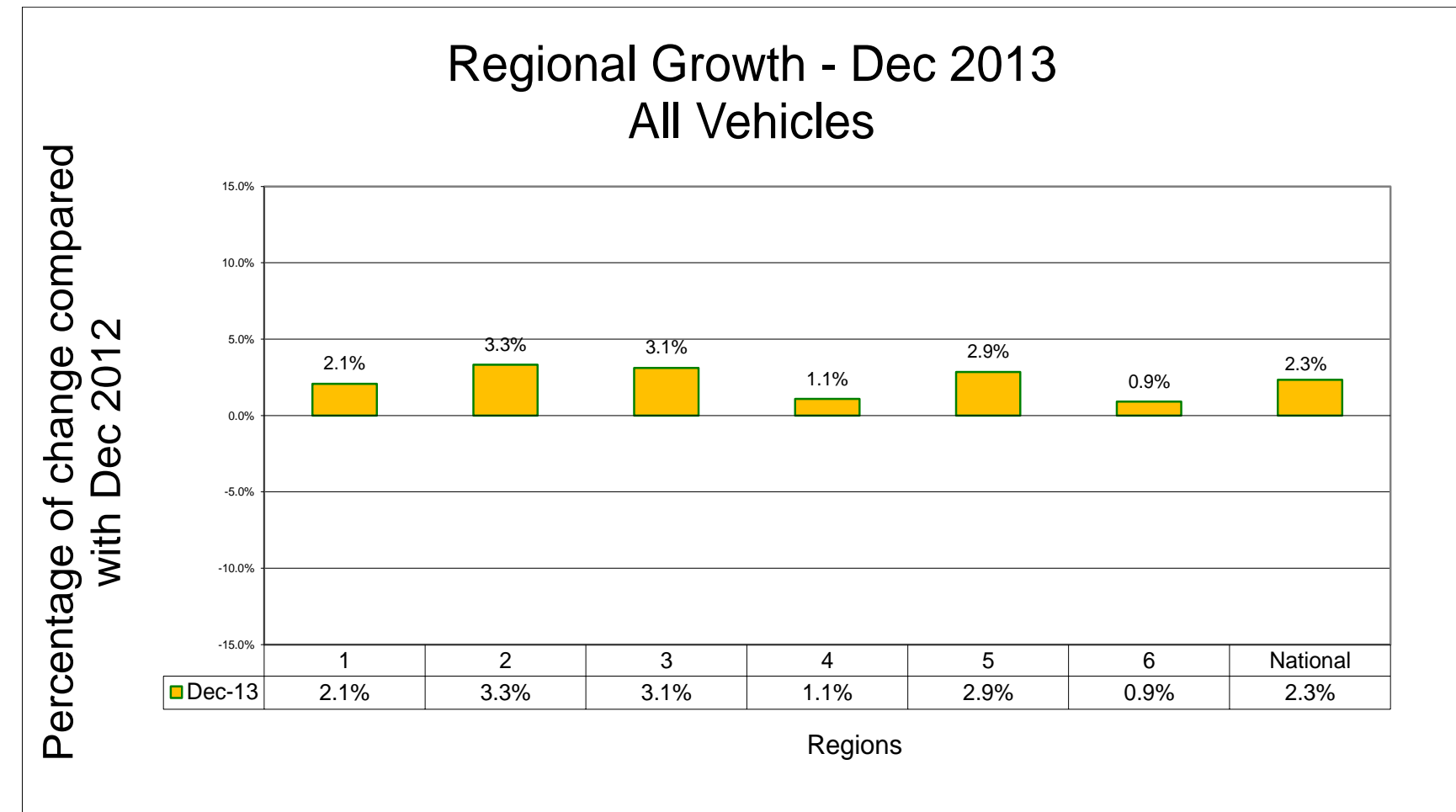
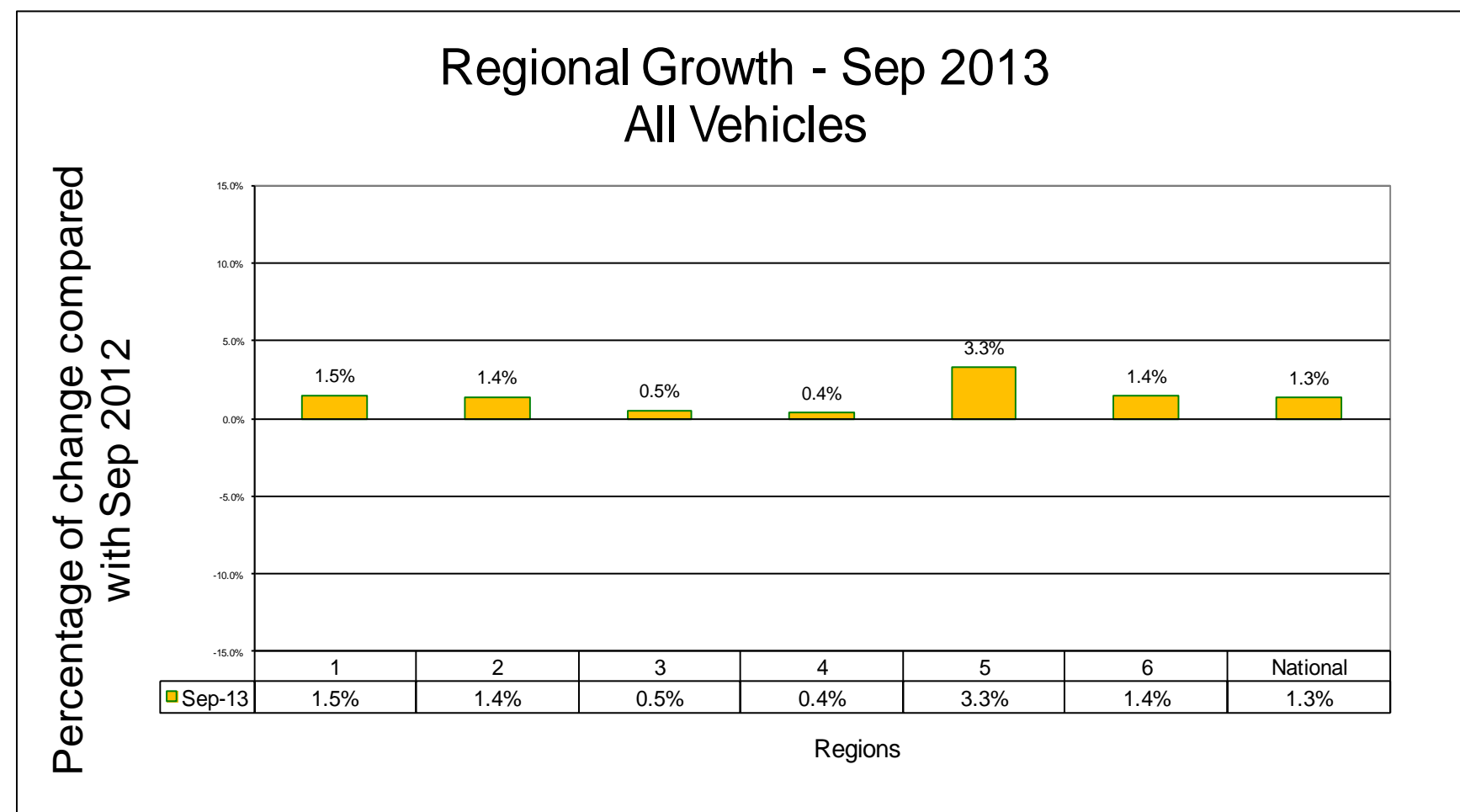
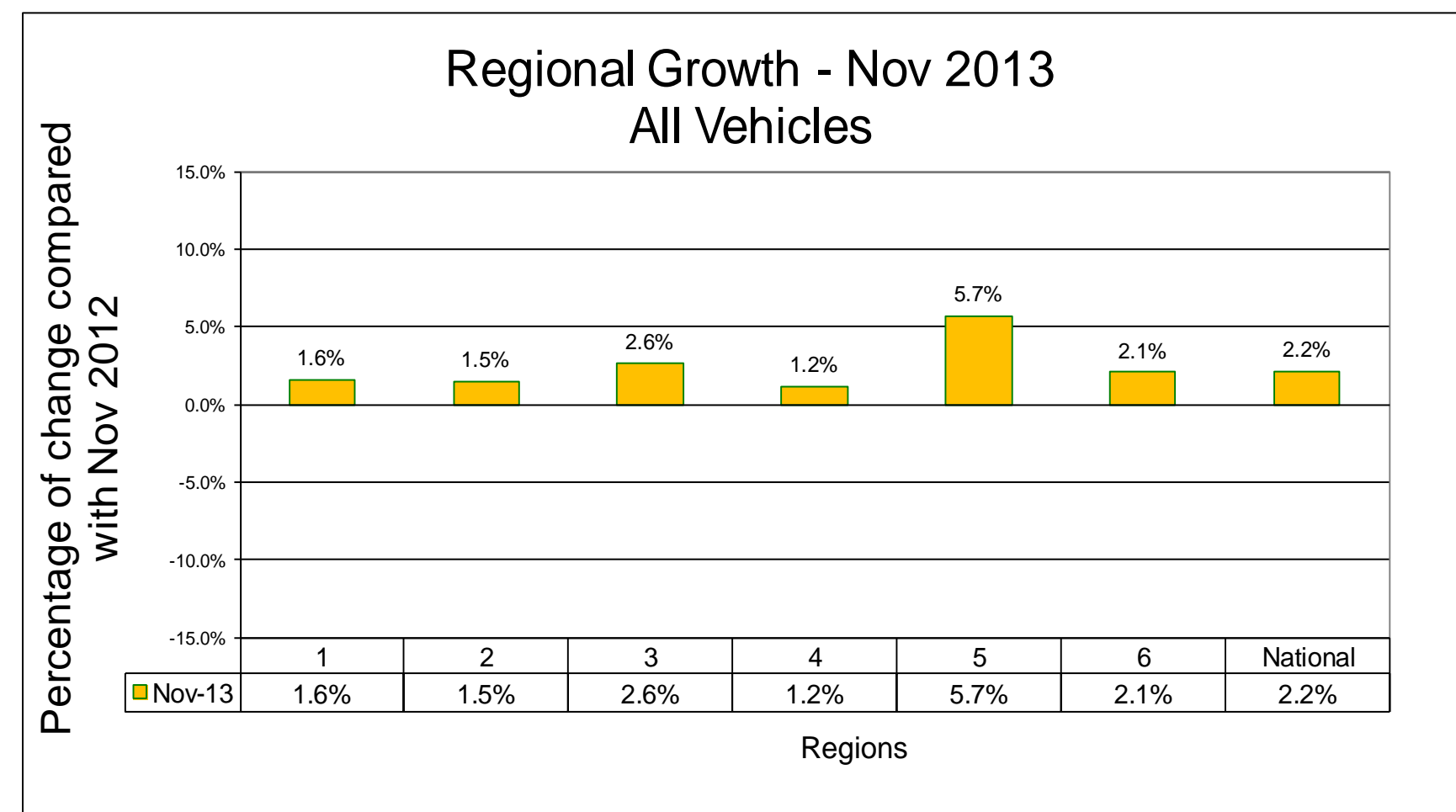
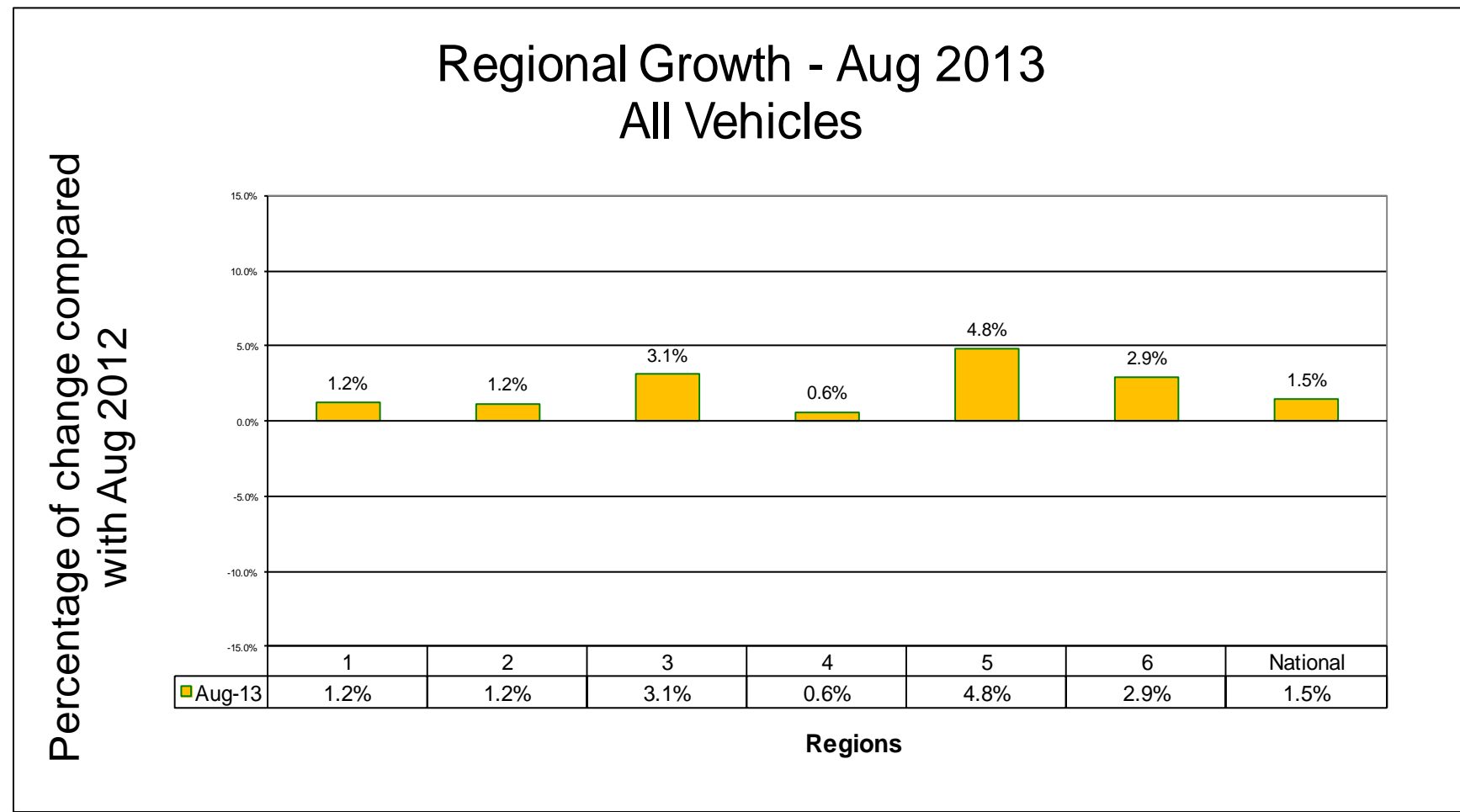
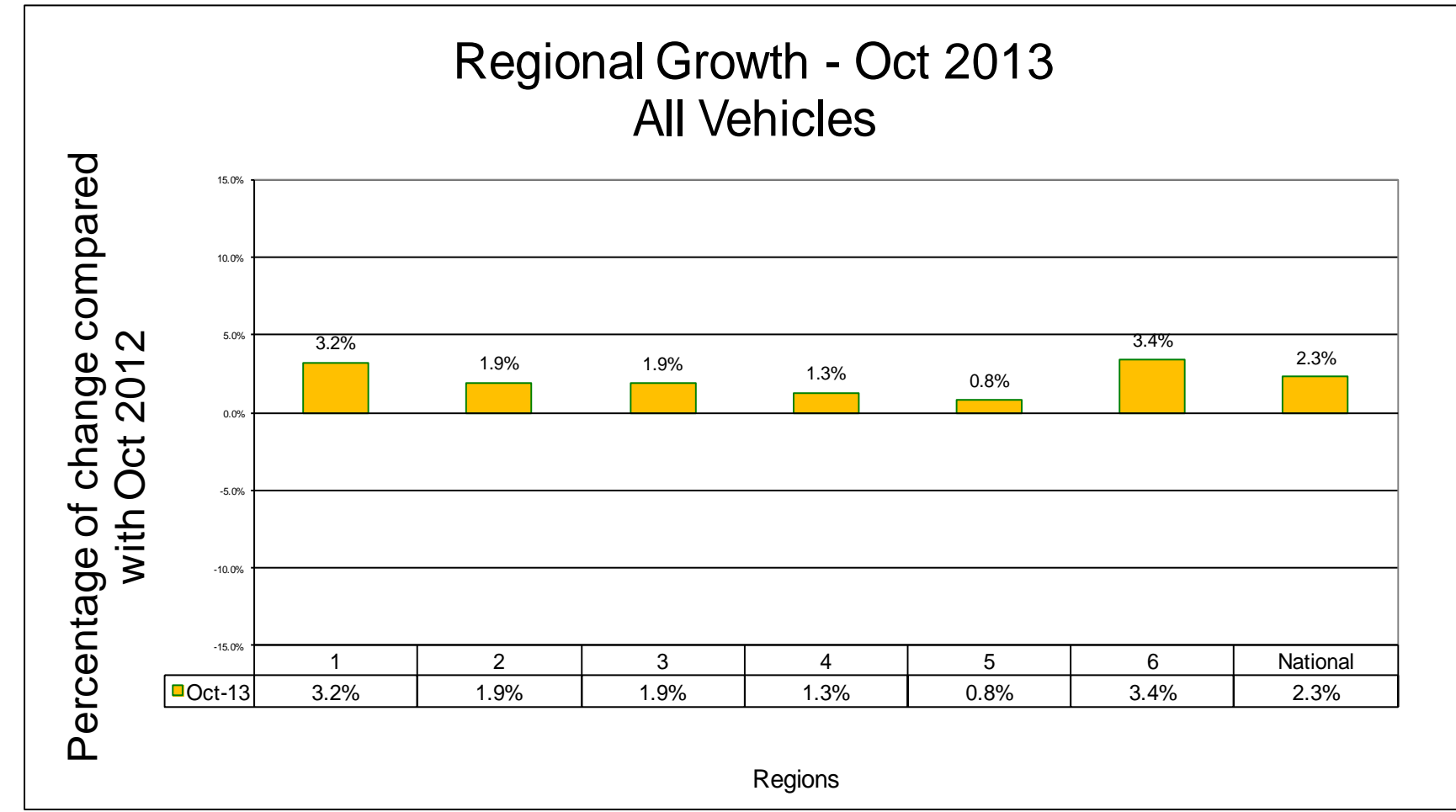
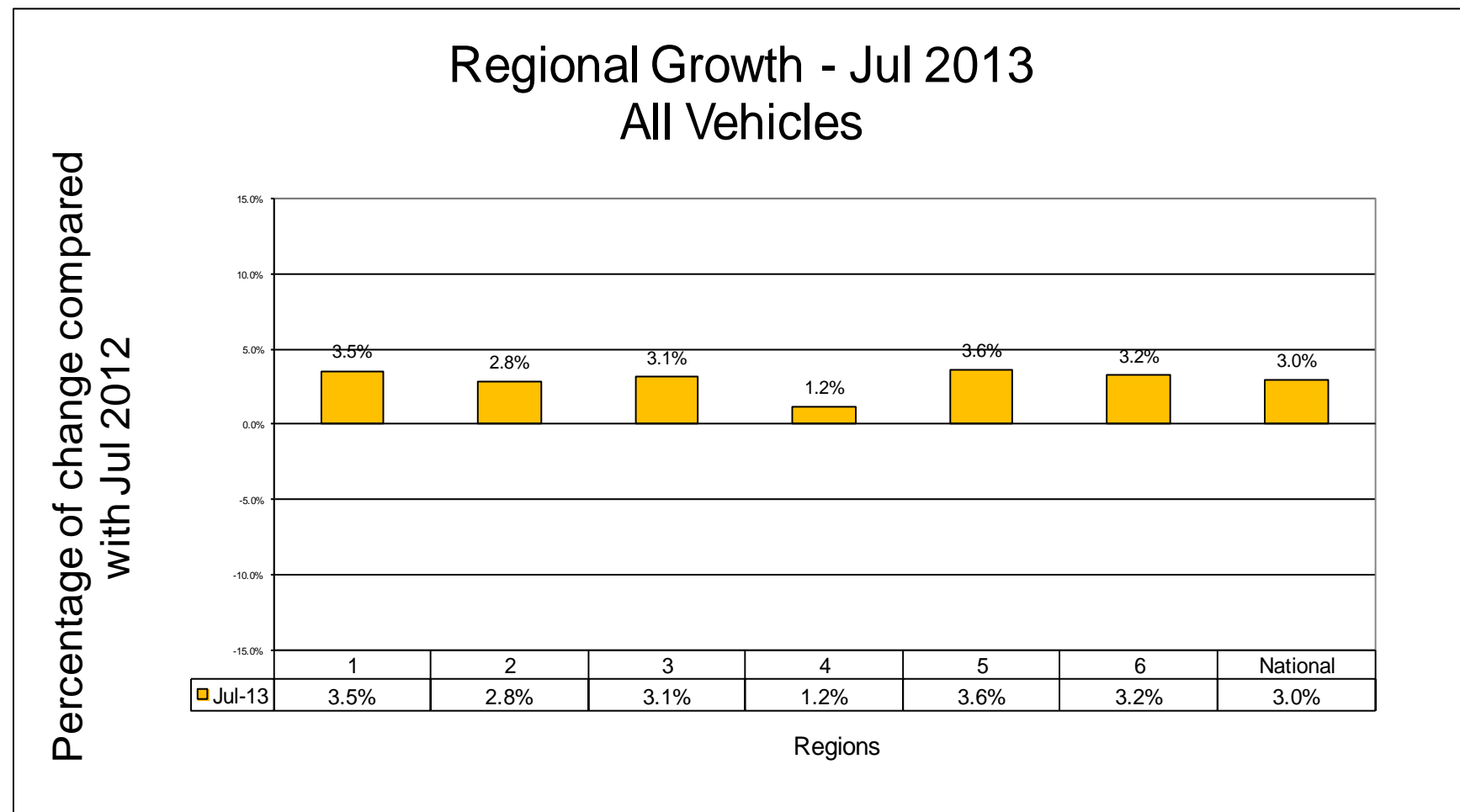
Current Year Growth Graphs

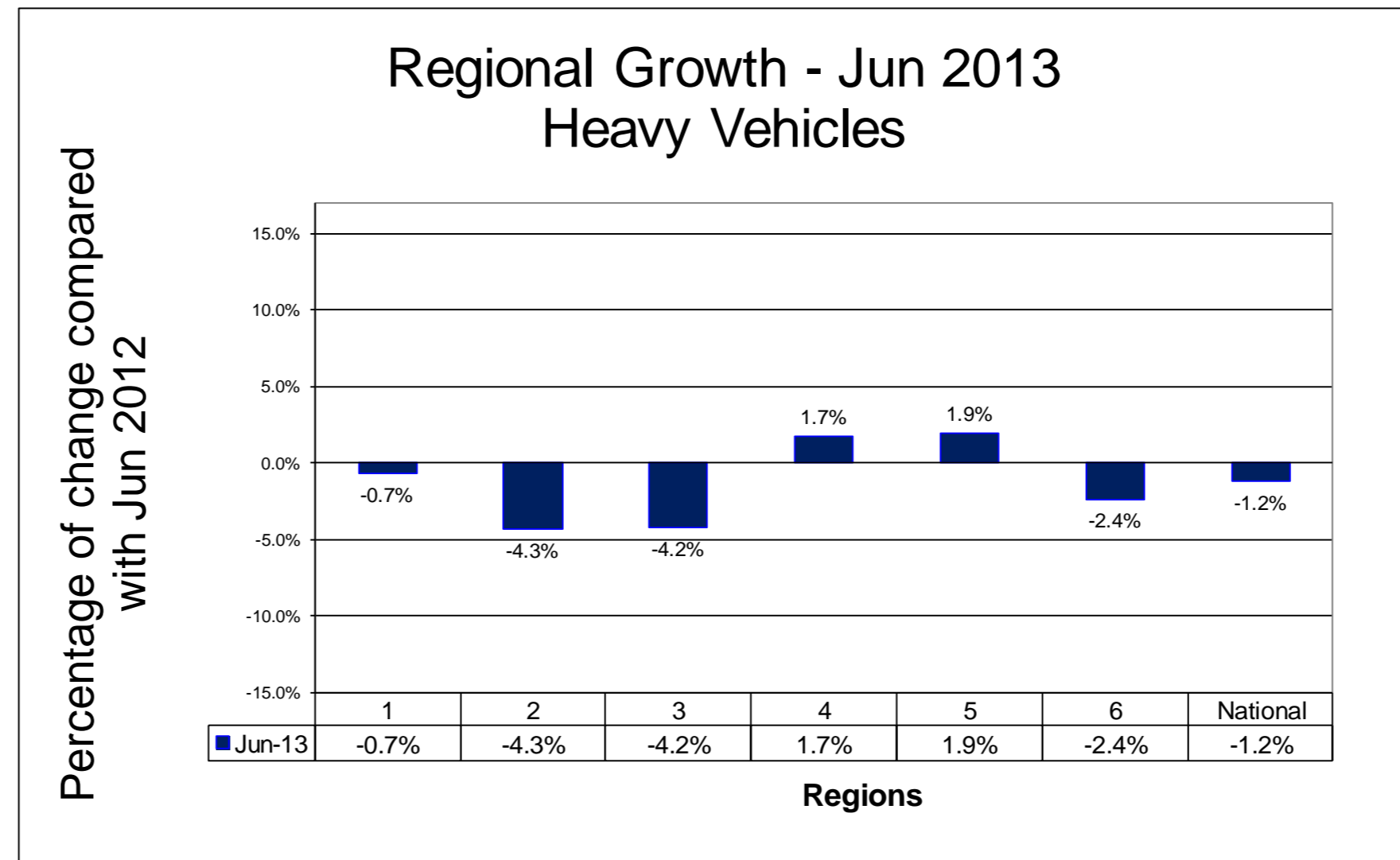
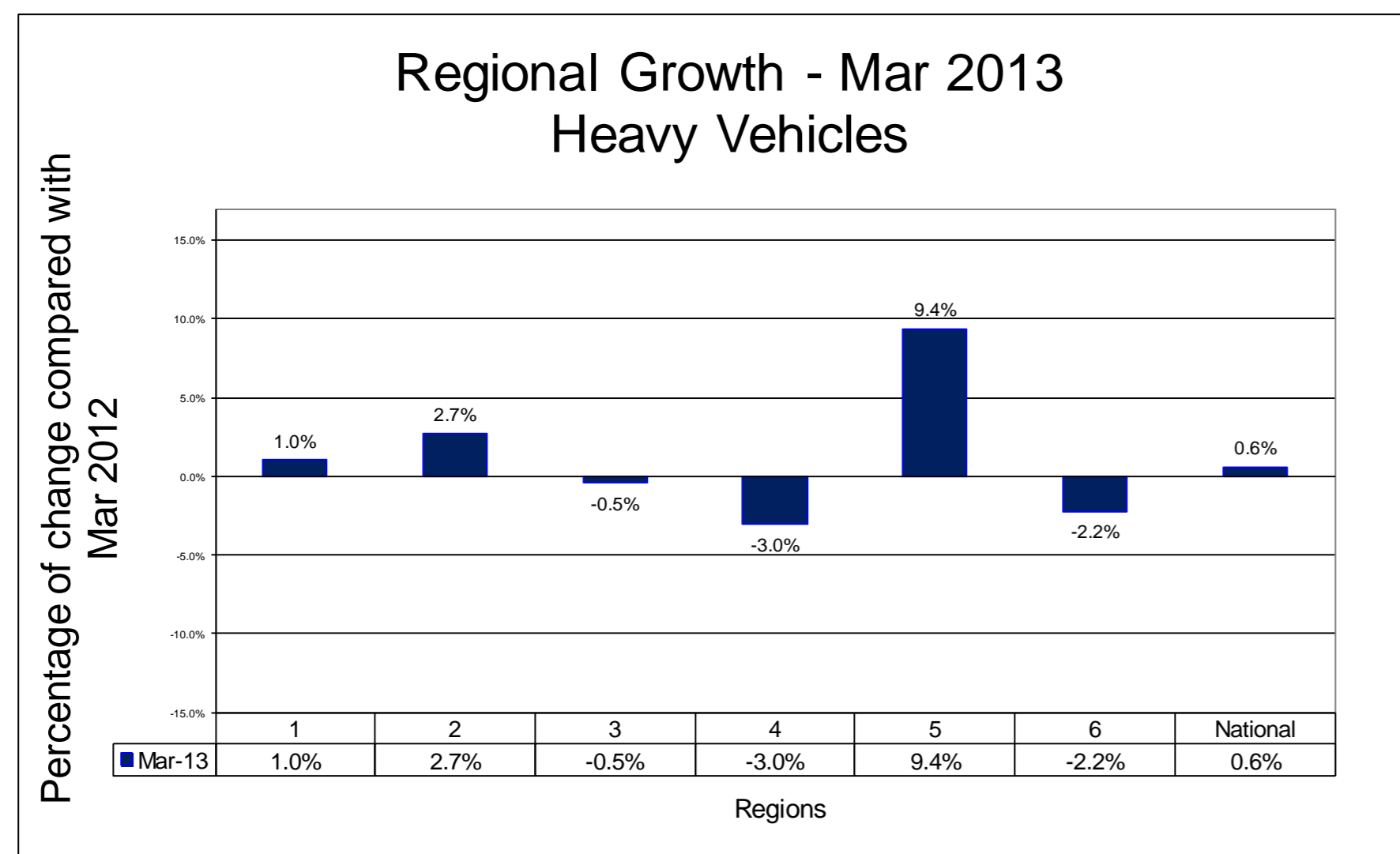
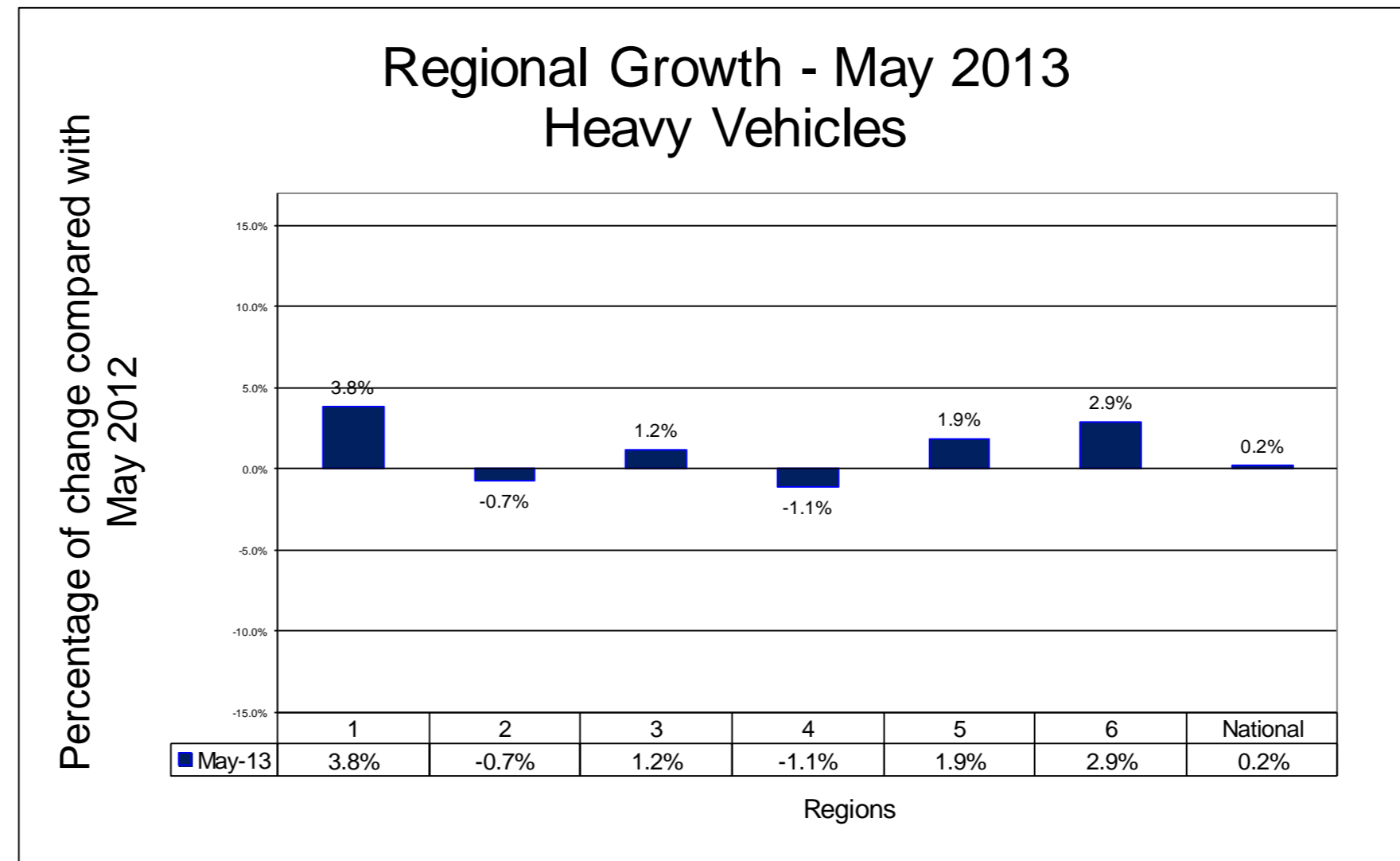
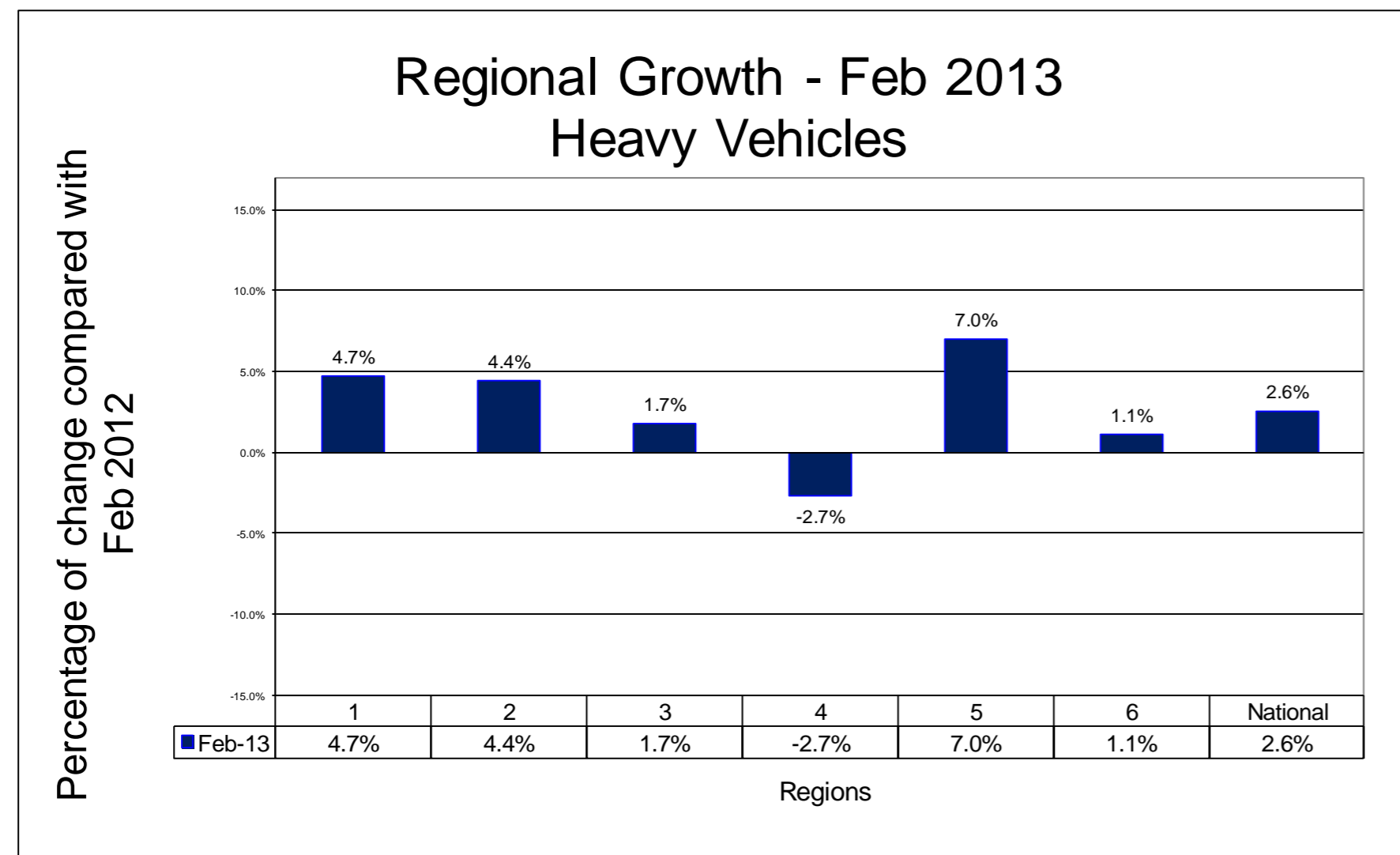
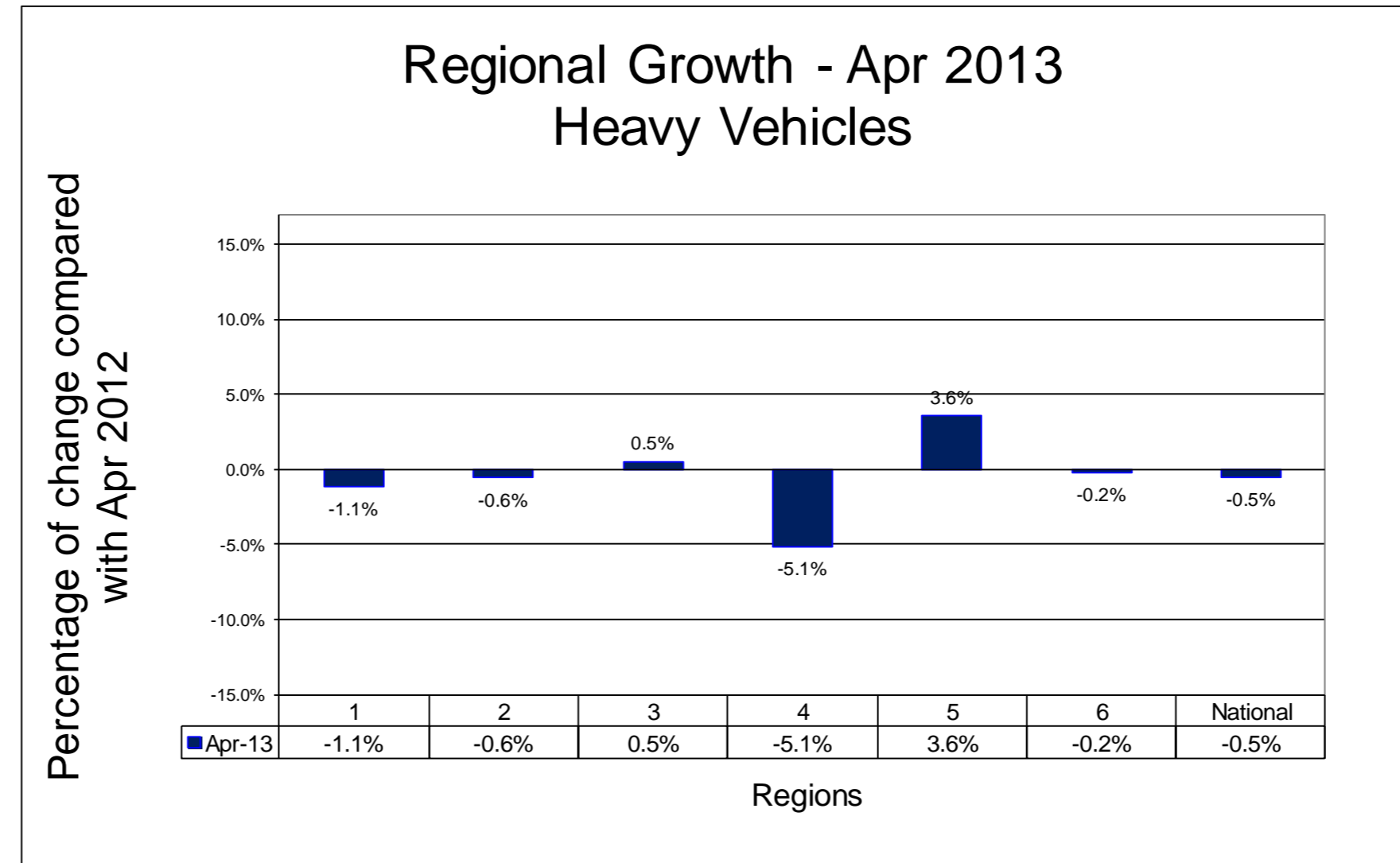
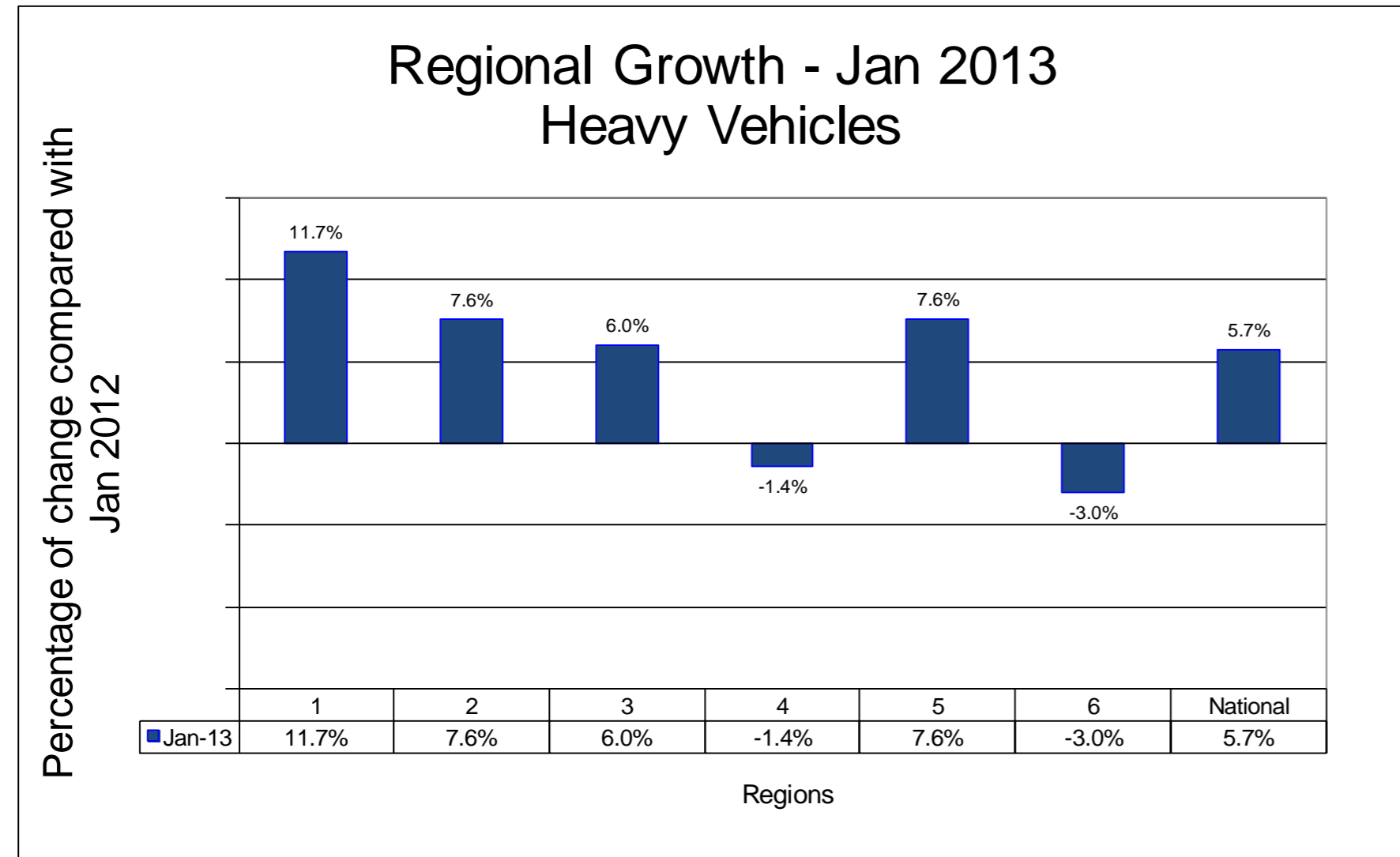
- All Vehicles
- Heavy Vehicles

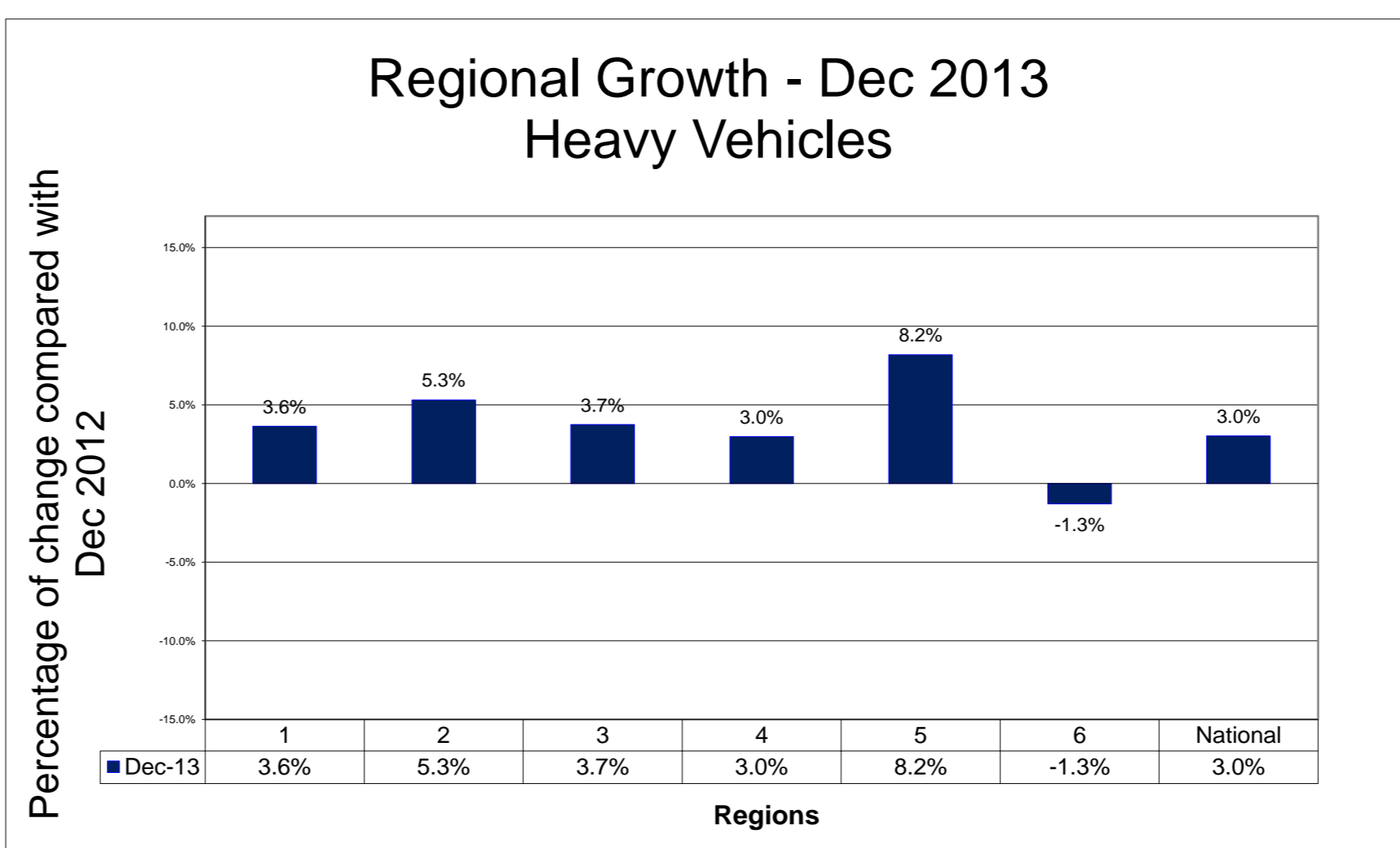
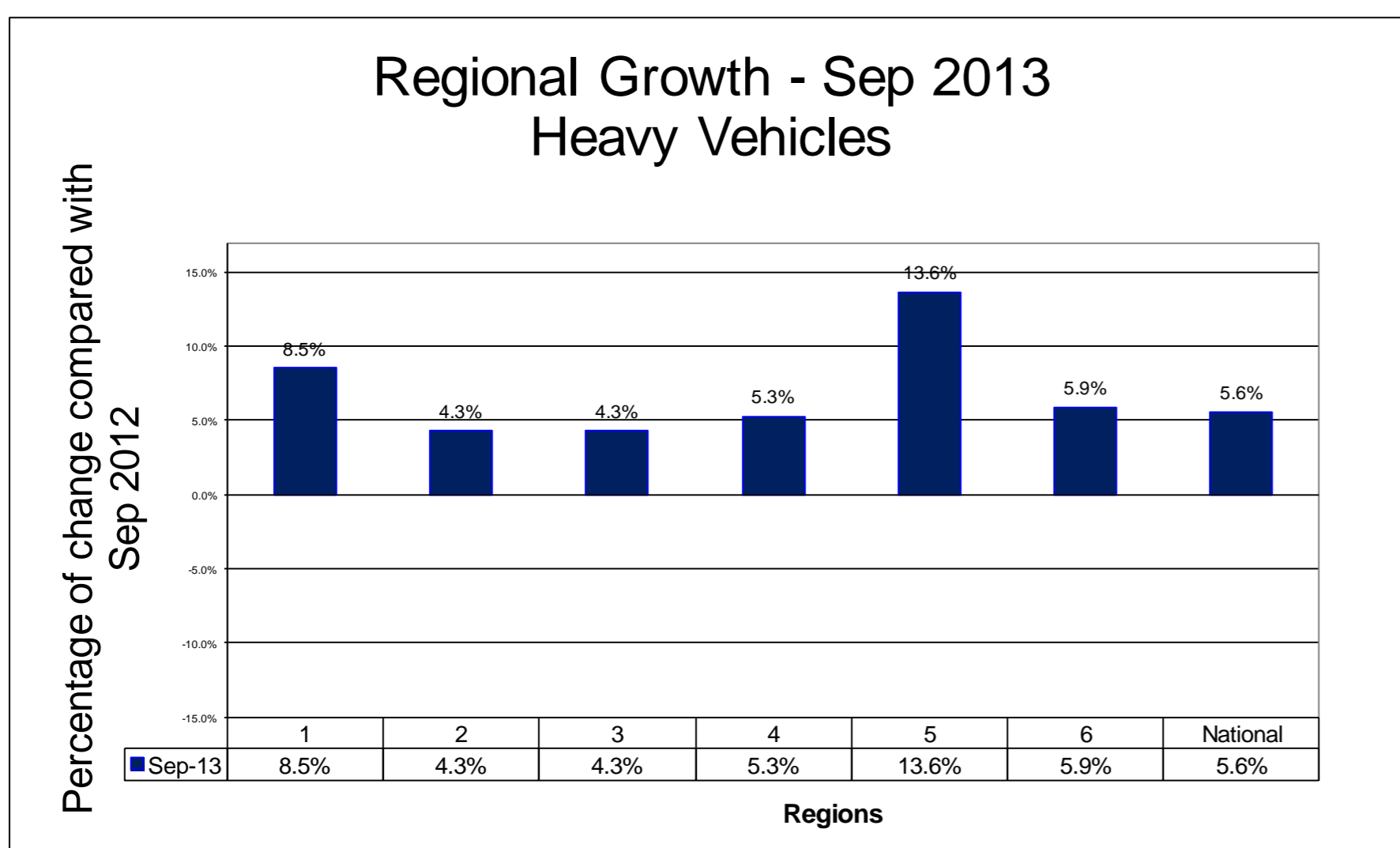
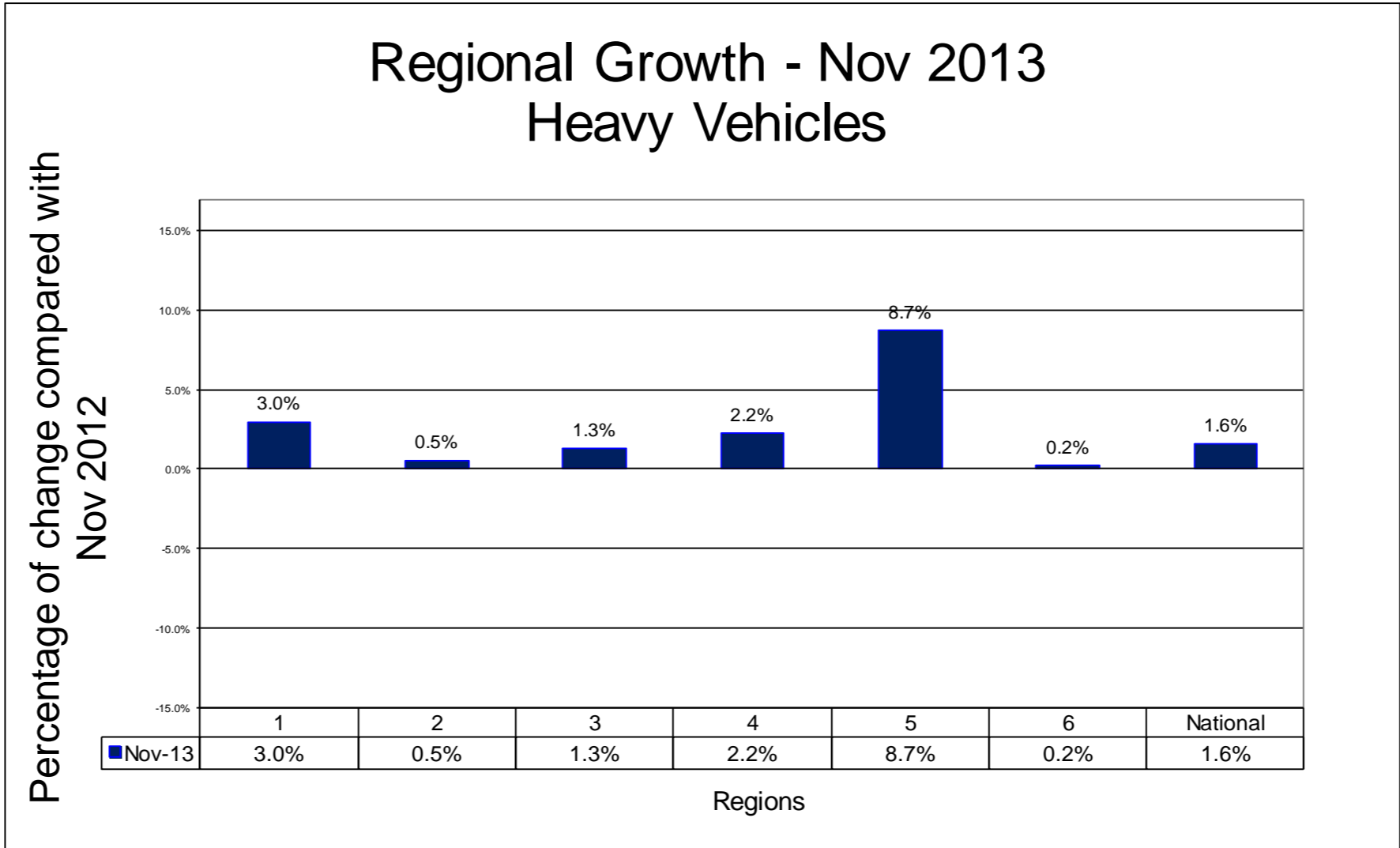
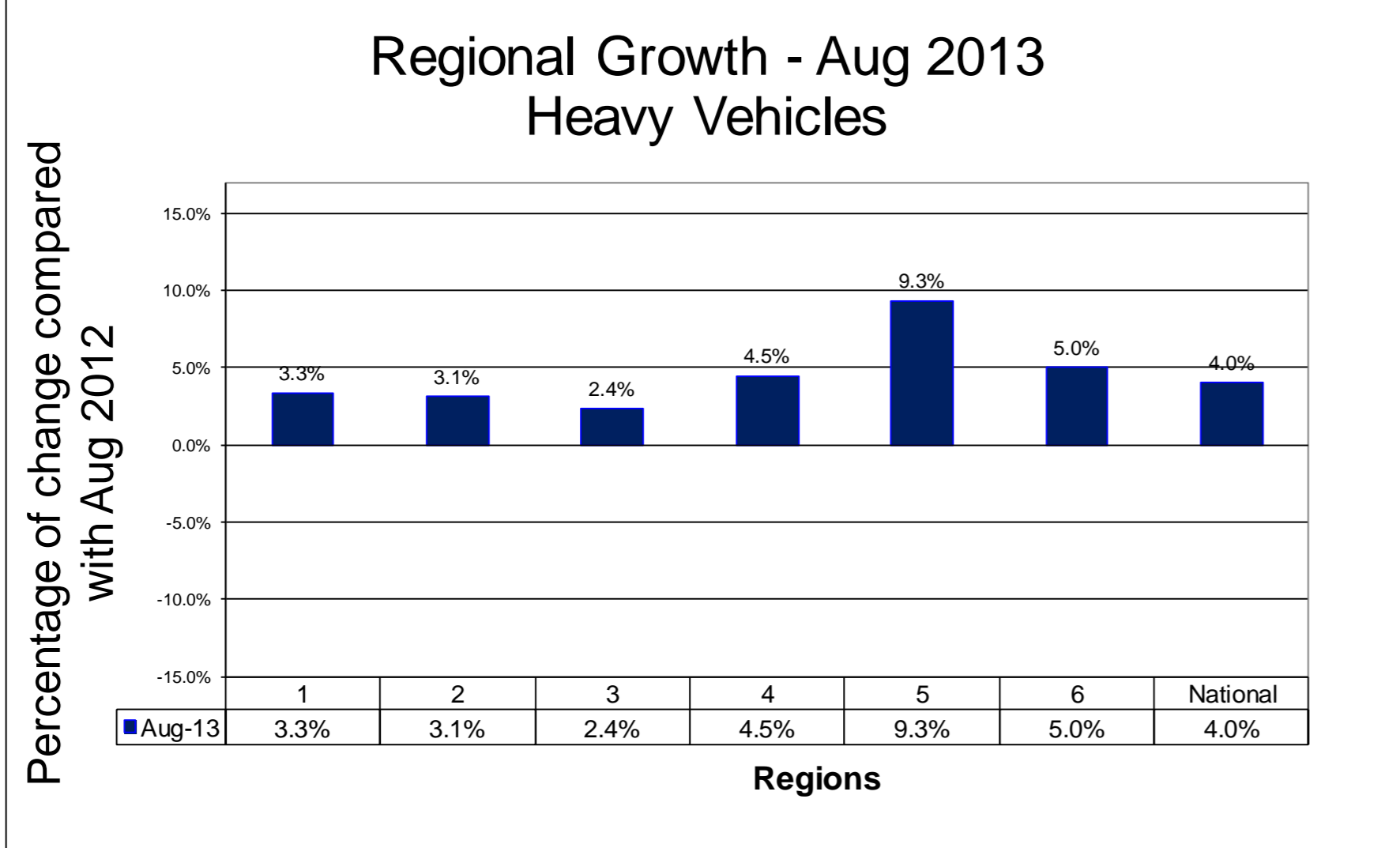
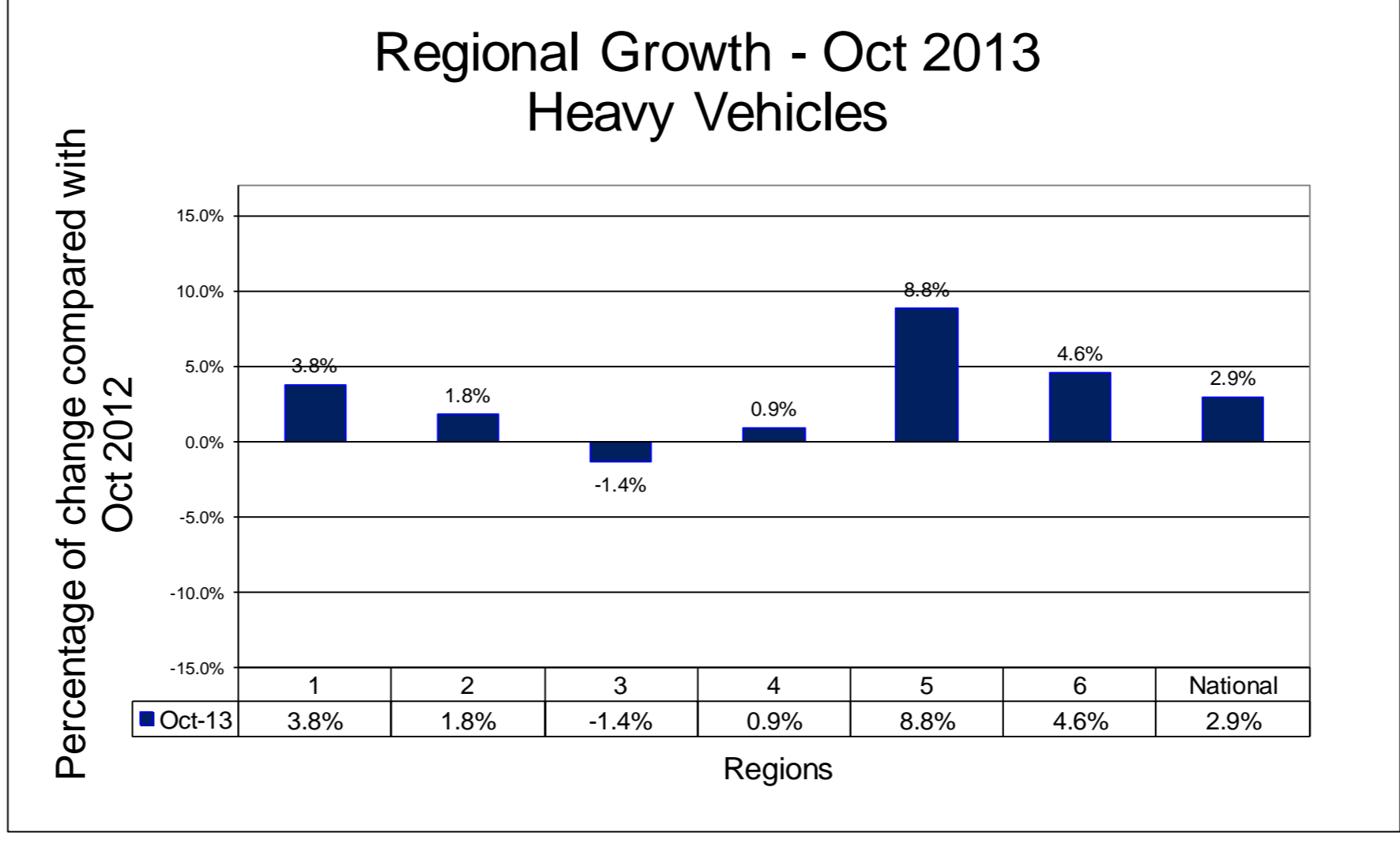
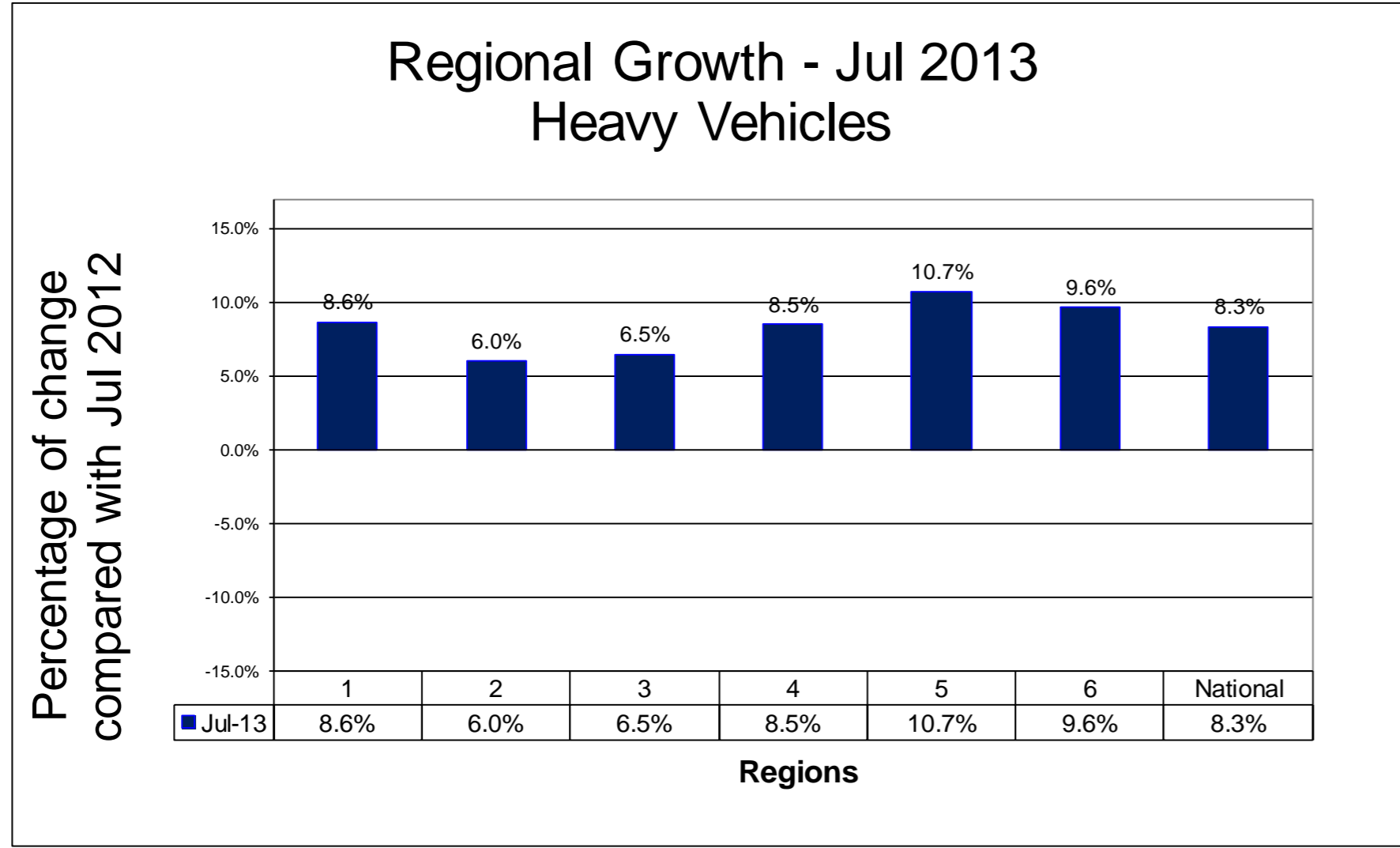
MADTs of the sample sites for the past thirteen months

- All Vehicles
- Heavy Vehicles









MADT (All Vehicles)

NZTA Region	Site Ref	Description	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	6595	7081	6383	6224	5696	5344	5037	5269	5013	5093	5813	6010	6774
1	ID:01200026	KAIKOHE - Telemetry Site 102	1379	1355	1292	1329	1178	1177	1128	1116	1103	1095	1259	1306	1373
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	2473	2451	2743	2601	2392	2549	2411	2439	2438	2403	2556	2632	2470
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	31579	30166	30810	30889	27816	29400	27764	29214	28749	28206	30501	31376	32449
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	30072	31351	30448	30003	28661	28229	27541	29018	28071	27871	30889	30920	31094
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	9996	10796	9356	9019	8555	7908	7636	8002	7459	7471	8608	8902	10285
1	ID:01N10440	PANAMA Rd - Telemetry Site 79 - SB	61155	60512	62132	60172		60974	59501	62206	62234	60140	65662		
1	ID:01N20440	PANAMA RD - Telemetry Site 79 - NB	55015	58421	58043	54517		52182	52877	56862	56596	55138	59340		
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB				19096	17320	16833	16568	17340	16485	16560	18459	18604	21139
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB				18554	17669	16636	16571	17150	16134	16297	18325	18096	19628
1	ID:01N00388	ALPURT - Telemetry Site 95 (new late Dec 08)	16869	18703	16289	15965	14652	13830	13541	14063	13355	13179	14961	15844	18000
1	ID:01N00424	Auckland Harbour Brg - Centre Span - Telemetry Site 55	74141	72902	75232	72910	72412	74762	70617	73827	73587	73878	77395	79171	67669
1	ID:01N10424	Auckland Harbour Brg - Left Clip-on - Telemetry Site 55	42274	40288	43422	41820	41259	42402	40178	41964	42168	42255	44197	44428	37388
1	ID:01N20424	Auckland Harbour Brg - Right Clip-on - Telemetry Site 55	44629	41422	44100	44449	42861	44024	41184	42972	43396	43380	44944	45691	39224
1	ID:01600016	SH16 Royal Rd to Hobsonville Rd - local site	46760	44469	48893	47626	46850	48095	45764	47542		46714	48622	50980	47660
1	ID:01810007	SH18 Upper Harbour Bridge WB - local site	17532	16776	19244	18916	18723	19640	18634	19266	19439	19064	19773		
1	ID:01820007	SH18 Upper Harbour Bridge EB - local site	16902	15911	18049	17703	17591	18324			18210	17887	18532	19564	18149
1	ID:02000006	SH20 Puhinui Rd to Massey Rd - local site	59697	54980	62591	61675	60244	61706	59854	61459	62198	61725	63404	64788	60938
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74	16393	17529	13947	14189	12953	11896	11523	12555	11669	11947	13713	13722	15057
2	ID:25A00024	HIKUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	4239	5461	3688	3819	3120	2436	2434	2521	2267	2418	3015	3161	4329
2	ID:02700011	KAIHERE - Telemetry Site 33	4498	4434	4371	4429	4290	4024	3827	4097	3834	3948	4410	4444	4832
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	21749	19680	21258	21755	20346	20093	20034	20748	19933	19434	21282	21482	22426
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	9552	9715	9555		9210	8619	8150	8762	8406		9399	9434	10311
2	ID:00300085	TE KUITI - Telemetry Site 16 - Nth of 8 Mile Junction	4280	4281	4175	4305	3976	3757	3736	4292	3899	3821	3996	3993	4446
2	ID:03200074	West of Taupo - Telemetry Site 43	672	740	633	630	550	463	468	548	472	465	521	516	631
2	ID:01N00580	KARAPIRO - Telemetry Site 20	12820	15717	15604	15557	14110	13705	13884	13739	13236	13507	14616	14870	15834
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	8801	9556	8160	8376	7209	6760	6622	6889	6535	6585	7549	7609	8584
2	ID:01N00729	HALLETT'S BAY - Telemetry Site 42	5773	6501	5731	5287	4988	4399	4154	5116	4566	4594	5070	5095	6097
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	9090	9086	8916	8928	8259	7917	7595	8190	7815	7997	8850	8838	9576
2	ID:01N90552	GREENWOOD - Telemetry Site 97 (New Oct 09)	23055	22077	24083	23785	22834	24556	23506	24226	24065	23081	24906	25246	24242
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	17521	17661		17056	15544	16438	15478	15678	15577	15357	16717	17660	18383
2	ID:03010149	TE NGA - Telemetry Site 64 (Inc)	17686	17610	18854	17800	16532	17249	16471	16693	16896	15955	17421	18096	17893
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	17456	17792	18892	17689	16597	17218	16467	16604	16813	15868	17415	18125	17719
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	5275	5520	4878	4887	4480	4599	4364	4579	4505	4333	4911	5060	5410
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22	3143	3478	3063	3009	2679	2676	2556	2622	2550	2530	2744	2863	
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	4204	4751	4324	4186	3673	3761	3511	3630	3477	3453	3884	4069	4334
2	ID:00500034	TARUKENGA - Telemetry Site 15	5560	5840	5723	5582	5263	4900	4854	4979	4631	4624	5214	5205	5756
2	ID:02900034	KAIMAI - Telemetry Site 12	9878	10024	9641	9770	9072	8810	8649	8690	8332	8538	9422	9789	10442
2	ID:00500057	WAIIPA - Telemetry Site 41 - Sth of SH30	8030	8129	7903	7630	7082	6842	6569	7058	6653	6603	7293	7367	7835
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	18731	18690		18372	16901	18815	17674	17883	17629	16834	18217	19077	19221
2	ID:00200242	AWAKERI - Telemetry Site 92	9153	9056	8966	9076	8177	8934	8350	8542	8562	8335	8985	9196	9419
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	15979	15411	16213	15881	15333	15870	15036	15474	15551	14939	16118	17048	16855
2	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	16624	16521	17190	16751	16320	16800	15924	16436	16573	15879	17156	17933	17425
3	ID:00200428	ORMOND - Telemetry Site 26	2573	2459	2571	2493	2224	2310	2135		2164	2071	2370	2469	2668
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	5582	5553	4765	4576	4226	4277	3947	3928	3871	3801	4432	4755	5542
3	ID:00200627	TANGOIO - Telemetry Site 24	2278	2340	2218	2171	1962	1976	1780	1805	1714	1753	2032	2009	2263
3	ID:00500230	TE POHUE - Telemetry Site 23	3026	3308	3250	2959	2739	2370	2272	2579	2175	2367	2691	2706	3129
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	3964	4195	4175		3572	3247	3072	3217	3020	3191	3615	3689	4315
3	ID:05000010	Nth of Tutaeuri River (Telemetry Site 58)	22079	21642	23129	22808	21380	22938	21453	21607	21621	20994	22774	23254	24540
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	2288	2438	2209	2361	2187	1876	1942	1904	1743	1849	2067	2131	2337
3	ID:00300267	TARIKI - Telemetry Site 6	9037	8810	9025	9242	8485	8946	8582	8754	8615	8355	8948	9674	9262
3	ID:00300370	WAITOTARA - Telemetry Site 5	3784	3690	3691	3897	3357	3444		0	3488	3601	3744	3988	3927
3	ID:04500101	OHAWE BEACH Rd - Telemetry Site 71	4037	3976	3945	3825	3405	3624	3378	3453	3671	3706	4041	4304	4094
3	ID:01N00930	SANSON - Telemetry Site 38	12856	12590	12675	12712	11589	11611	10728	11454	11233	11025	12375	12452	13257
3	ID:01N00988	OHAU - Telemetry Site 56	15526	15570	15462	15396	13959	13979	13183	13790	13539	13254	14576	14927	16000
3	ID:00200755	NORSEWOOD - Telemetry Site 25	4358	4513	4298	4308	3732	3545	3248	3432	3228	3273	3771	3823	4240
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	6615	6620	6798	6828	6038	6212	5796	6059	5961	5774	6410	6643	7160
3	ID:00400133	HOROPITO - Telemetry Site 37	1733	1987	1797	1845	1571	1431		2412	2097	1970	1839	1683	1956
3	ID:00400226	UPOKONGARO - Telemetry Site 28	2036	2065	2003	1986	1856	1697	1669	1774	1752	1738	1724	2004	2123
3	ID:01N00827	HIHITAHU - Telemetry Site 29	4785	5495	4802	4584	4347	3789	3562	4192	3816	3922	4474	4371	4839
3	ID:05400049	FIELDING - Telemetry Site 106	6367	5798	6623	6673	6225	6814	6395	6502	6532	6201	6515	6879	6647
3	ID:05700014	SHANNON - Telemetry Site 107	7676	7276	7909	7752	7209	7592	7172	7207	7239	7032	7544	7800	7869

Note: There are some new sites added and some sites removed since 2013.

MADT (All Vehicles)

NZTA Region	Site Ref	Description	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	20869	19834	21633	21384	20562	22266	20752	21433	21556	20712	21529	22265	21797
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	11038	10813	11240	11016	10164	10608	9954	9999	10374	9939	10635	11343	11242
4	ID:00200937	RIMUTAKA - Telemetry Site 01 - Pukuratahi River Brg	6204	6448	6208	6356	5463	5233	4943	5050	4997	5010	5460	5718	6271
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47	24314	23351	24258	23941	22041	22775	21713	22464	22225	21231	23355	23875	24703
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	21521	20039	22216	22244		23307	21636	21996	22446	21397	22533	23097	21577
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	13870	13048	14304	14247	13151	13975	13106	13512	13680	13028	13780		13861
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	20305	18969	21836	21369	20493	22340	20683	21157	21451	20663	21864	22106	20798
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	20163	18788	21398	20841		22339	20601	21010	21415	20480	21733	22063	20400
4	ID:00210965	KELSON - Telemetry Site 99 - SB	16665	15977	17710	17268	16356	17529	16412	16905	16972	16869	17414	17861	15755
4	ID:00220965	KELSON - Telemetry Site 99 - NB	16133	15134	16936	16664	15776	17025	16036	16459	16500	16305	16572	17120	15382
4	ID:00600122	STOKE - Telemetry Site 81	22366	22556		21774	20553	21902	20482	21009	20992	20333	21929	23269	23132
4	ID:00600232	MURCHISON - Telemetry Site 35	2021	2377	2239	2013	1739	1481	1211	1318	1296			1813	2036
4	ID:00600100	HIRA - Telemetry Site 36	3504	3941	3814	3675	3024	2873	2649	2707	2638	2713	3046	3314	3586
4	ID:06000040	SH60 Riwaka Telemetry Site 86	5300	5661	4984	4274	3280	2920	2613	2524	2388	2554	3241	3765	4511
4	ID:01S00037	Blenheim Telemetry Site 87	3997	4319	4006	3932	3948	3416	3201	3455	3294	3208	3660	3847	
4	ID:06300096	ST ARNAUD - Telemetry Site 93	347	430	449	422	323	257	226		220	217	301	357	348
4	ID:06000006	RICHMOND - Telemetry Site 112	11055	11582	10930	10493	9228	9524	8838	8799	8902	8839	9759	10485	11424
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	11481	11333	11358	11470	10592	10087	9275	10238	9800	10134	11296	11774	12267
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	21585	19619		19714	18957	19805	18708	19550	19501	19092	20993	21583	21815
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	1733	1919	1920	1839	1600	1271	1214	1504	1455	1477	1459	1667	1778
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	2814	3364	2915	2772	2533	2088	1888	2011	1740	1934	2397	2573	2910
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	6399	6262	6308	6340	6010	5715	5090	5494	5389	5567	6335	6503	6753
5	ID:00700108	LEWIS PASS - Telemetry Site 32	1320	1630	1362	1282	1182	928	805	893	850	883	1141	1138	1341
5	ID:01S00285	WAIPARA - Telemetry Site 52 - (WIM Site)	8619	8863	8252	7992					6642			8068	8801
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	22313	22168	23149	22692	21611	22522	20277	22852	22279	21699	23759	23971	23009
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	21872	20904	22088	22179	20520	21858	20035	22247	21519	21059	23001	23346	22685
5	ID:00800059	FAIRLIE - Telemetry Site 98 (New Dec 09)	2822	3161	2764	2689	2410	1813	1697	2022	2084	2104	2205	2459	2788
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	10144	10444	10764	10544	9775	9990	9361	9686	9936	9833	10829	11479	10922
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	3141	3104	3290	3167	2762	2606	2312	2431	2492	2560	2839	3169	3301
5	ID:00700239	AHAURA - Telemetry Site 40	1288	1332	1375	1340	1178	1138	1014	1081	1071		1196		1314
5	ID:00600398	PUNAKAIKI - Telemetry Site 39	1114	1212	1297	1142	896	729	608	644	672	693	819	1050	1136
5	ID:00600753	HAAST - Telemetry Site 111	1019	1157	1297	1172	841	535	395	457	506	594	810	1050	1069
6	ID:00600895	WANAKA - Telemetry Site 109	3603	4319	3533	3536	3185	2688	2491	2919	2921	2790	3111	3363	3688
6	ID:00800263	TARRAS - Telemetry Site 110	1820	2230	1716	1890	1563	1077	969	1187	1210	1257	1358	1507	1858
6	ID:00800336	ALEXANDRA - Telemetry Site 44	2417	2719	2433	2383	2196	1905	1709	1881	1993	1929	2073	2188	2409
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	15596	14220	16157	15564	15315	15760	15201	15623	15784	15175	16156	16462	15847
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	10755	9912	11229	10974	10830	11019	10589	10894	10882	10484	11289	11446	11003
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	2508	2342	2560	2475	2439	2535	2427	2513	2532	2473	2577	2625	2493
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	3018	2857	3220	3303	2969	3122	2955	3125	3134	3012	3164	3304	2997
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	3132	2934	3365	3210	3059	3259	3152	3228	3261	3117	3257	3375	3099
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	2067	1980	2215	2114	1999	2115	1994	2118	2141	2058	2169	2262	2057
6	ID:01S00765	MILTON - Telemetry Site 27	6488	6370	6668	6653	6350	5937	5350	5670	5587	5416	6132	6332	6616
6	ID:06A00001	FRANKTON - Telemetry Site 90	19471	19694	20129	19449	18083	16397	16678	19084	19943	17545	18237	19164	20343
6	ID:08500161	GALLOWAY - Telemetry Site 89	2186	2313	2126	2004	1906	1869	1659	1749	1870	1798	1884	2037	2206
6	ID:08800004	RAVENSBORNE - Telemetry Site 88	8816	7989	9296	8961	8473	8494	8146	8314	8499	8703	8703	9290	8676
6	ID:08300063	KUROW - Telemetry Site 113	1433	1483	1219	1144	932	728	645	703	733	794	987	1030	1414
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	10841	9829	11598	11582	11244	11411	10806	10867	11218	10194	11425	12398	11492
6	ID:00601147	WINTON - Telemetry Site 46	4882	4524	4999	4903	4629	4786	4360	4478	4640	4352	4756	5142	4972
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	2520	2527	2458	2244	2058	1447	1245	1367	1380	1402	1700	2020	2162
6	ID:01S00854	GORE - Telemetry Site 45	4216	4048	4327	4201	3969	3895	3528	3706	3714	3596	4068	4293	4344
6	ID:09400141	TE ANAU - Telemetry Site 94	1486	1550	1679	1558	1216	749	541	644	687	740	907	1362	1474

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MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Dec - 12	Jan - 13	Feb - 13	Mar - 13	Apr - 13	May - 13	Jun - 13	Jul - 13	Aug - 13	Sep - 13	Oct - 13	Nov - 13	Dec - 13
1	ID:01N00212	KAWAKAWA - Telemetry Site 18	710	793	773	753	669	683	592	627	619	644	735	788	789
1	ID:01200026	KAIKOHE - Telemetry Site 102	55	56	66	70	55	51	42	44	44	44	55	64	57
1	ID:01400016	MAUNGATAPERE - Telemetry Site 104	245	285	331	315	283	291	251	294	294	299	315	309	249
1	ID:01N10459	DRURY - Telemetry Site 7 - SB (Park Estate)	2562	2578	2722	2717	2484	2743	2343	2493	2472	2432	2662	2781	2567
1	ID:01N20459	DRURY - Telemetry Site 7 - NB (Park Estate)	2399	2523	2606	2607	2455	2573	2274	2405	2351	2309	2598	2647	2392
1	ID:01N00336	WELLSFORD - Telemetry Site 17 - Nth of Mangawhai Rd	972	1059	1043	961	911	938	829	892	870	881	1020	1095	1065
1	ID:01N10474	BOMBAY - Telemetry No Site 72 - SB				2151	2021	2152	1958	2063	2001	1973	2115	2239	2146
1	ID:01N20474	BOMBAY - Telemetry Site 72 - NB				2061	1923	1997	1773	1854	1814	1789	1984	2099	1979
1	ID:01N00388	ALPURT - Telemetry Site 95	1306	1411	1362	1302	1179	1184	1060	1128	1060	1065	1289	1387	1388
1	ID:01600016	SH16 Royal Rd to Hobsonville Rd	1947	1920	2372	2440	2306	2165	1959	2067		2071	2272	2509	2228
1	ID:01810007	SH18 Upper Harbour Bridge WB	694	882	1263	1225	1726	1746		994	1119	1252			
1	ID:01820007	SH18 Upper Harbour Bridge EB	577	551	646	634	644				632	637		635	556
1	ID:02000006	SH20 Puhinui Rd to Massey Rd	3450	4004	3961	3818	3629	4673	3658	4044	3847	3930	3922	4364	
2	ID:00200002	MAUNGATAWHIRI - Telemetry Site 74	1307	1770	1912	1802	1682	1748	1521	1622	1651	1611	1768	1902	1676
2	ID:25A00024	HIKUAUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	348	396	303	298	242	212	198	215	197	222	256	293	361
2	ID:02700011	KAIHERE - Telemetry Site 33	858	855	976	963	911	915	788	806	853	855	938	1016	907
2	ID:01N00526	TAUPIRI - Telemetry Site 19 - Nth of Gordonton Rd	2350	2194	2355	2305	2152	2233	2006	2108	2148	2119	2356	2535	2303
2	ID:01N00620	LICHFIELD - Telemetry Site 21 - Sth of Baldwin Rd	1429	1339	1589		1506	1465	1256	1339	1431		1633	1694	1455
2	ID:00300085	TE KUITI - Telemetry Site 16 - Nth of 8 Mile Junction	672	684	818	756	723	723	600	676	627	662	706	779	707
2	ID:03200074	West of Taupo - Telemetry Site 43	74	76	82	91	67	63	60	57	52	52	64	63	68
2	ID:01N00580	KARAPIRO - Telemetry Site 20	1775	1795	1892	1832	1466	1482	1249	1341	1399	1409	1655	1764	1611
2	ID:00200091	WAIHI - Telemetry Site 34 - East of Samson Rd West	829	878	887	882	786	807	693	740	729	737	836	878	832
2	ID:01N00729	HALLETTS BAY - Telemetry Site 42	773	833	897	827	764	772	693	700	732	731	788	891	820
2	ID:01N00628	TOKOROA - Telemetry Site 51 - (WIM Site)	1488	1414	1612	1625	1426	1450	1298	1363	1462	1510	1676	1716	1586
2	ID:01N90552	GREENWOOD - Telemetry Site 97	1671	1656	1832	1775	1709	1858	1705	1805	1801	1745	1932	1980	1764
2	ID:00200141	TE PUNA - Telemetry Site 65 - West of Snodgrass	1120	1203		1208	1167	1291	1093	1113	1103	1102	1232	1283	1202
2	ID:03010149	TE NGA - Telemetry Site 64	1033	1069	1223	1092	941	1024	927	934	969	923	1011	1015	889
2	ID:03020149	East end of Puarenga Brg (Dec) - Telemetry Site 64	1064	1133	1312	1167	1034	1097	981	958	998	957	1086	1139	988
2	ID:00200204	OHINEPANEA - Telemetry Site 13 - West of Rogers Rd	737	761	770	716	681	742	654	715	783	772	841	870	777
2	ID:03000188	LAKE ROTOMA - Telemetry Site 22	344	379	372	358	347	344	291	302	332	329	326	353	
2	ID:03300030	Sth of Maungarangi Rd Paengaroa - Telemetry Site 14	565	630	707	708	584	634	555	577	583	581	631	671	582
2	ID:00500034	TARUKENGA - Telemetry Site 15	619	641	704	676	639	605	529	545	562	562	625	663	613
2	ID:02900034	KAIMAI - Telemetry Site 12	1355	1337	1533	1505	1387	1427	1153	1210	1231	1277	1486	1582	1457
2	ID:00500057	WAIPA - Telemetry Site 41 - Sth of SH30	686	853	965	947	865	898	792	833	855	862	913	911	784
2	ID:00200176	TE PUKE - Telemetry Site 49 - (WIM Site)	1695	1764		1936	1845	2156	1908	1916	1927	1896	2065	2129	1850
2	ID:00200242	AWAKERI - Telemetry Site 92	689	746	794	830	675	769	605	611	625	657	784	796	701
2	ID:00210152	TAKITIMU DRIVE - Telemetry Site 105 - Inc	1114	1116	1287	1269	1238	1267	1074	1147	1133	1099	1277	1343	1198
2	ID:00220152	TAKITIMU DRIVE - Telemetry Site 105 - Dec	1095	1113	1264	1229	1234	1265	1089	1165	1150	1118	1285	1337	1207
3	ID:00200428	ORMOND : Telemetry Site 26	252	265	320	332	307	281	270		217	204	266	283	258
3	ID:03500321	HAMANATUA BRIDGE - Telemetry Site 108 WIM	465	461	588	552	500	538	446	492	461	429	531	555	497
3	ID:00200627	TANGOIO - Telemetry Site 24	371	410	455	444	396	424	346	356	337	317	367	389	362
3	ID:00500230	TE POHUE - Telemetry Site 23	552	602	594	518	491	503	396	452	441	488	491	573	477
3	ID:00500259	ESKDALE - Telemetry Site 101 - (WIM Site)	572	598	683		637	644	546	566	578	620	659	734	626
3	ID:05000010	Nth of Tutaekuri River (Telemetry Site 58)	1318	1423	1613	1635	1543	1637	1379	1367	1267	1282	1403	1469	1571
3	ID:00300171	TONGAPORUTU Brg - Telemetry Site 78	408	447	454	454	472	440	366	384	387	422	424	468	425
3	ID:00300267	TARIKI - Telemetry Site 6	1012	1053	1075	1092	987	1001	816	901	949	1036	1101	1171	1050
3	ID:00300370	WAITOTARA - Telemetry Site 5	648	606	637	640	612	617			677	685	643	819	660
3	ID:04500101	OHAWA BEACH Rd - Telemetry Site 71	574	543	505	455	344	328	252	279	428	594	688	647	559
3	ID:01N00930	SANSON - Telemetry Site 38	1591	1566	1672	1675	1518	1587	1298	1332	1469	1464	1630	1761	1592
3	ID:01N00988	OHAU - Telemetry Site 56	1396	1433	1558	1528	1392	1467	1299	1355	1377	1360	1474	1594	1463
3	ID:00200755	NORSEWOOD - Telemetry Site 25	604	657	690	688	580	564	475	501	493	527	575	643	587
3	ID:00300489	MANAWATU GORGE - Telemetry Site 30	723	758	843	837	750	772	673	700	701	679	735	833	757
3	ID:00400133	HOROPITO - Telemetry Site 37	267	304	320	312	266	280		318	254	250	260	298	277
3	ID:00400226	UPOKONGARO - Telemetry Site 28	158	170	175	171	159	148	132	148	145	137	146	183	173
3	ID:01N00827	HIHITAHU - Telemetry Site 29	894	992	1054	996	925	931	830	880	854	866	942	1057	904
3	ID:05400049	FIELDING - Telemetry Site 106	236	225	271	284	249	267	219	219	223	217	231	253	229
3	ID:05700014	SHANNON - Telemetry Site 107	661	665	744	707	638	682	641	648	662	663	727	778	729

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MADT (Heavy Vehicles)

NZTA Region	Site Ref	Description	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
4	ID:01N11068	NGAURANGA (SH1 - Telemetry Site 3 - SB)	608	611	679	651	606	655	596	649	661	628	680	726	664
4	ID:00200895	CLAREVILLE - Telemetry Site 80 - Nth of Whites Line	603	602	678	678	595	572	484	541	556	585	646	699	621
4	ID:00200937	RIMUTAKA - Telemetry Site 01- Pukuratahi River Brg	345	354	390	381	337	307	263	281	289	294	323	359	347
4	ID:01N01036	PUKERUA BAY - Telemetry Site 47	1912	1758	1943	1872	1792	1843	1724	1850	1861	1800	2001	2060	1755
4	ID:01N21068	NGAURANGA (SH1 - Telemetry Site 4 - NB)	565	556	631	622		717	601	648	658	626	681	724	650
4	ID:05800009	Pauatahanui East (Telemetry Site 73)	564	534	607	603	574	577	452	489	515	466	499		472
4	ID:00210979	NGAURANGA (SH2 - Telemetry Site 4 - Sth Bound Lanes)	624	630	701	679	672	698	653	689	701	698	712	723	657
4	ID:00220979	NGAURANGA (SH2 - Telemetry Site 4 - Nth Bound Lanes)	699	699	760	733		797	878	929	933	916	958	976	897
4	ID:00210965	KELSON - Telemetry Site 99 - SB	609	598	726	706	662	698	660	683	676	677	543	840	589
4	ID:00220965	KELSON - Telemetry Site 99 - NB	621	594	707	693	650	671	621	653	640	642	515	742	543
4	ID:00600122	STOKE - Telemetry Site 81 - Whakatu Drive at Songer St	1197	1375		1379	1330	1509	1260	1320	1203	1209	1326	1407	1239
4	ID:00600232	MURCHISON - Telemetry Site 35	283	361	357	318	281	273	214	222	234			321	292
4	ID:00600100	HIRA - Telemetry Site 36	479	505	548	526	449	461	386	422	420	431	448	489	445
4	ID:06000040	SH60 Riwaka Telemetry Site 86	248	273	281	271	224	251	208	158	161	179	221	303	294
4	ID:01S00037	Blenheim Telemetry Site 87	565	611	624	632	754	598	484	512	541	538	659	686	
4	ID:06300096	ST ARNAUD - Telemetry Site 93	37	43	48	47	37	37	28		29	27	35	39	32
5	ID:01S00389	DUNSANDEL - Telemetry Site 68 (LTSA)	1608	1705	1764	1719	1591	1511	1225	1342	1357	1543	1753	1908	1816
5	ID:01S00505	EVANS St Timaru - Telemetry Site 69	1400	1309		1090		1419	1285	1422	1494	1642	1864	1873	1946
5	ID:07300064	Springfield - West of Township - Telemetry Site 11	203	240	260	239	215	194	141	165	206	221	217	254	247
5	ID:01S00144	KAIKOURA - Telemetry Site 9 - Nth of Hapuku River	467	535	545	513	507	495	401	421	411	461	521	572	506
5	ID:01S00522	ST ANDREWS - Telemetry Site 31	973	1037	1076	1078	979	928	714	765	864	997	1112	1167	1110
5	ID:00700108	LEWIS PASS - Telemetry Site 32	193	255	226	207	198	175	147	155	160	155	188	208	198
5	ID:01S00285	WAIPARA - Telemetry Site 52 -(WIM Site)	1228	1281	1326	1404					967			1322	1230
5	ID:01S10327	WAIMAKARIRI BRIDGE - Telemetry site 96 SB	1472	1555	1672	1601	1508	1534	1274	1517	1502	1539	1764	1826	1590
5	ID:01S20327	WAIMAKARIRI BRIDGE - Telemetry site 96 NB	1327	1287	1410	1401	1273	1301	1102	1312	1284	1321	1515	1572	1422
5	ID:07409025	LYTTLETON TUNNEL - Telemetry Site 114	1458	1588	1600	1640	1654	1581	1381	1580	1614	1656	1775	1997	1806
5	ID:00800059	FAIRLIE - Telemetry Site 98	349	381	361	330	302	234	165	179	188	236	253	303	310
5	ID:00600454	CHESTERFIELD - Telemetry Site 70	380	377	390	343	308	279	186	222	246	351	403	432	412
5	ID:00700239	AHAURA - Telemetry Site 40	194	209	226	197	166	160	127	139	150		222		208
5	ID:00600398	PUNAKAIKI - Telemetry Site 39 - Just Nth of Canoe Creek	115	115	123	109	86	72	61	56	64	86	97	120	117
6	ID:00800336	ALEXANDRA - Telemetry Site 44 - Sth Near Butchers Dam	226	266	247	228	217	213	163	184	203	187	203	227	227
6	ID:01S10713	BURNSIDE - Telemetry Site 63 - Sth Bound	812	803	960	903	872	876	741	796	803	807	891	926	926
6	ID:01S20713	BURNSIDE - Telemetry Site 63 - Nth Bound	627	613	737	724	713	726	595	645	645	655	730	751	751
6	ID:01S50713	BURNSIDE - Telemetry Site 63 - On Ramp - Nth Bound	120	117	134	128	126	128	109	119	120	122	129	134	134
6	ID:01S60713	BURNSIDE - Telemetry Site 63 - Off Ramp - Sth Bound	187	184	209	211	202	204	175	198	201	195	213	225	225
6	ID:01S40713	BURNSIDE - Telemetry Site 63 - Off Ramp - Nth Bound	128	130	158	144	138	138	112	135	134	122	139	140	140
6	ID:01S40714	Burnside - Nth Bound Off Ramp - Telemetry Site 63	68	69	80	74	73	76	64	71	78	71	76	85	85
6	ID:01S00765	MILTON - Telemetry Site 27	839	820	881	864	854	799	627	645	656	707	808	890	890
6	ID:06A00001	FRANKTON - Telemetry Site 90	949	969	1044	978	888	734	668	810	871	784	845	959	959
6	ID:08500161	GALLOWAY - Telemetry Site 89	126	138	143	138	135	137	100	107	134	117	117	134	134
6	ID:08800004	RAVENSBOURNE - Telemetry Site 88	565	467	624	559	483	498	419	427	416	462	482	562	562
6	ID:01S00921	INVERCARGILL - Telemetry Site 62	347	327	383	400	395	369	344	351	368	347	395	427	427
6	ID:00601147	WINTON - Telemetry Site 46	468	463	510	494	459	452	333	386	422	425	486	509	509
6	ID:00601082	FIVE RIVERS - Telemetry Site 91	242	250	263	238	221	168	119	137	164	146	184	232	232
6	ID:01S00854	GORE - Telemetry Site 45	527	517	560	522	512	487	361	372	444	461	545	608	608
6	ID:09400141	TE ANAU - Telemetry Site 94	154	155	201	180	151	94	59	61	73	73	99	167	167

Note: There are some new sites added and some sites removed since 2013.