



Traffic Volumes Monthly Report June 2012

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Quality Assurance Statement

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Revision Schedule

Rev. No	Date	Description	Prepared by	Reviewed by	Approved by
1	10/07/2012	Final	Gerald Wen	Philip Blagdon	

Overview

Summary

The purpose of this document is to report on the monthly changes in traffic volumes on the state highway. This report also covers annual state highway traffic trends for the period of 1989 to 2012.

In June 2012, compared with June 2011, the monthly average daily traffic (MADT) for all vehicles increased by 1%; the MADT for heavy vehicles remained at the same level.

In this report

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Technical Notes

What is MADT and AADT

Monthly Average Daily Traffic (MADT) is the average of daily traffic volume measured in a given month.

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.

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.

Sample coverage

There are 102 telemetry¹ sites in use on the state highway network to provide this traffic data.

The table below shows the number of sites in each NZ Transport Agency region. These numbers represent the sample sizes that are used to report the regional MADT results.

NZ Transport Agency Region	Number of Telemetry Sites
Northland and Auckland	17
Waikato and Bay of Plenty	23
Taranaki, Manawatu-Wanganui, Hawkes Bay and Gisborne	16
Wellington, Nelson, Marlborough and Tasman	16
Canterbury and West Coast	14
Otago and Southland	16

Sources of variation in MADT

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

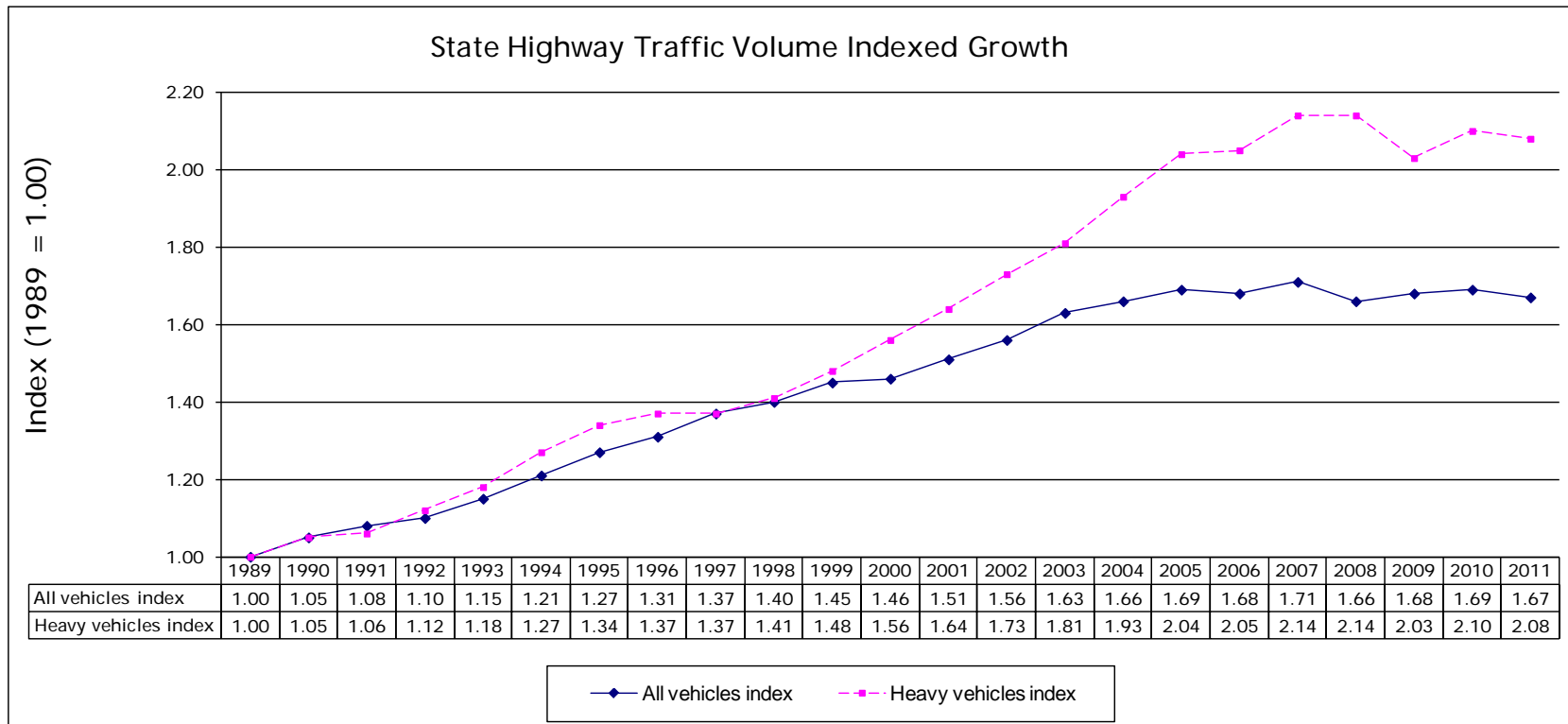
¹ Telemetry sites are continuously monitored 24/7.

Key Results

The state highway traffic volume growth index is an annual traffic volume change indicator which measures growth rate of all vehicles' AADT and heavy vehicles' AADT on a sample of representative points – approximately 100 National telemetry traffic counting sites, where data is collected continuously at various locations along the state highway network.

The base for this index is 1.00 in 1989 when our systematic traffic data records began.

It provides an indication of traffic volume changes. Because of the limited sample sizes, this index should be used with caution.



**Results:
Monthly
traffic at key
sites**

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

The MADT values for June 2011, June 2012 and percentage of difference compared are reported in the table below.

Note the MADT values include all vehicles.

Site	City	MADT (All Vehicles) June- 11	MADT (All Vehicles) June- 12	% Change
Auckland harbour bridge (SH1)	Auckland	150440	155360	3%
Greenwood (SH1)	Hamilton	22357	No data available	
Ngauranga Interchange (SH 1 and SH2 combined)	Wellington	86058	85997	0%
Waimakariri Bridge	Christchurch	40793	38598	-5%
Burnside	Dunedin	25675	25499	-1%

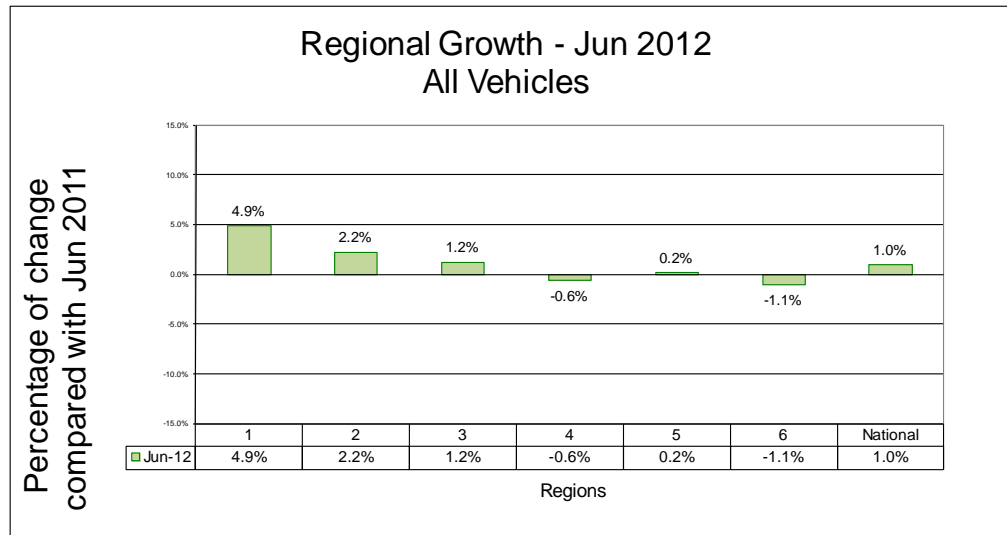
In June 2012, the MADT values for the sites representing Auckland indicated an increase; Wellington remained at the same level, while the site representing Christchurch, Dunedin showed a decrease, compared to the same period in the previous year.

Results: All Vehicles

Regions

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

The graph below shows the percentage of difference compared with the same month last year. The MADT values here represent all vehicle types. In June 2012, region1, region2 and region3 had an increase, while the other three regions remained at the same level or a small decrease. Nationally, the MADT for all vehicles increased by 1%, compared with June 2011.



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

Regional MADT Growth (All vehicles) – Average of MADT (All vehicles) percentage change compared with the same month previous year from telemetry sites in a region.

National MADT Growth (All vehicles) – Average of MADT (All vehicles) percentage change compared with the same month previous year from all telemetry sites.

More graphs

The graphs (as above) dated back to January 2008 are attached to this report.

All sites

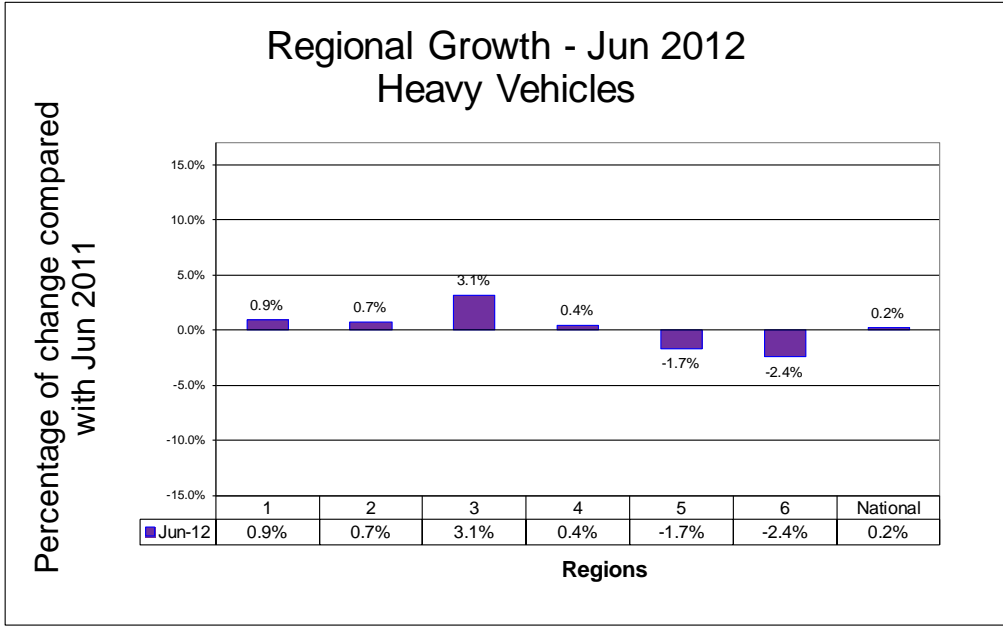
A table of MADT (all vehicles) values for all national telemetry sites is attached to this report.

Results: Heavy Vehicles

Regions

Comparisons across the NZ Transport Agency regions have also been carried out, focusing on heavy vehicles¹.

The graph below shows the percentage of difference compared with the same month last year. The MADT values here represent heavy vehicles only. In June 2012, region3 had an increase, region5 and region6 had a decrease, while region1, region2 and region4 remained at the same level. Nationally, the MADT for heavy vehicles remained at the same level, compared with June 2011.



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

Regional MADT Growth (Heavy vehicles) – Average of MADT (Heavy vehicles) percentage change compared with the same month previous year from telemetry sites in a region.

National MADT Growth (Heavy vehicles) – Average of MADT (Heavy vehicles) percentage change compared with the same month previous year from all telemetry sites.

More graphs

The graphs (as above) dated back to January 2008 are attached to this report.

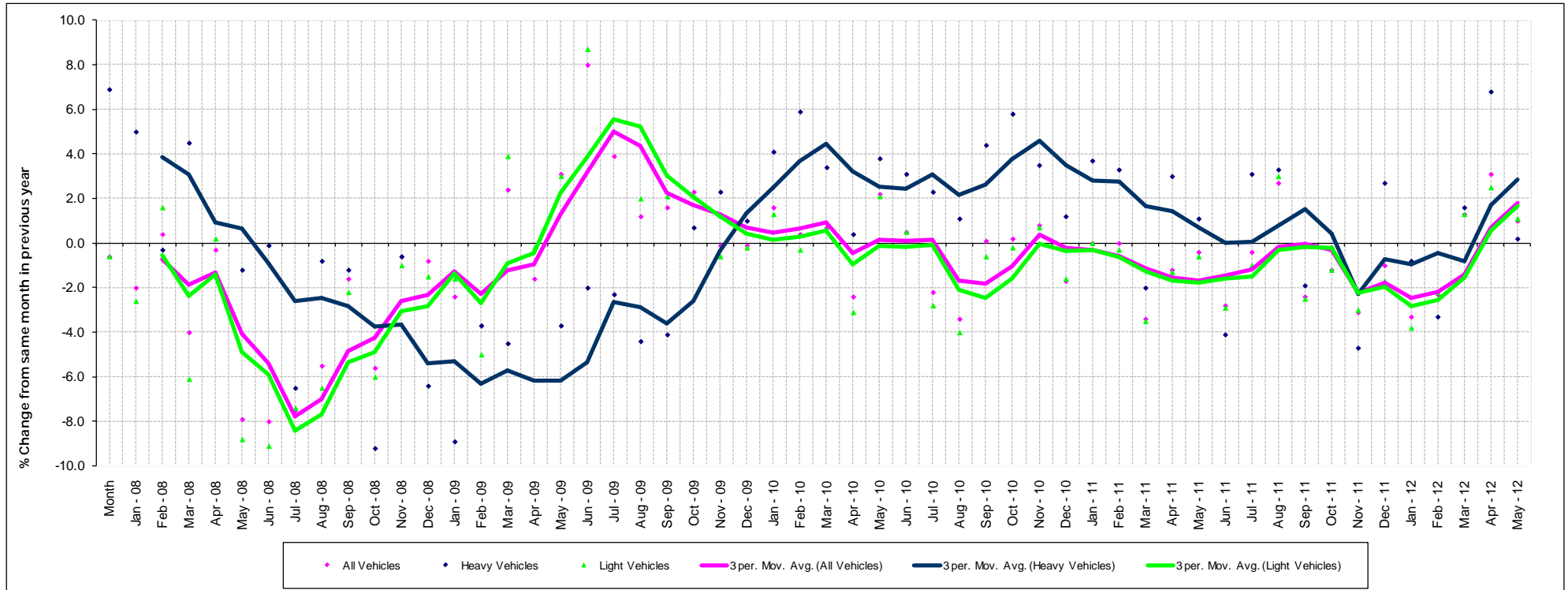
All sites

A table of MADT (heavy vehicles) values for all national telemetry sites for 2012 is attached to this report.

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

Summary of Percentage Change from Same Month in Previous Year

The graph and table below shows 5 years national percentage change from the same month in the previous year, summarising the figures published in previous monthly reports.



Year	2008			2009			2010			2011			2012		
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	-0.6	-0.6	6.9	-0.8	-1.5	-6.4	-0.1	-0.2	1.0	-1.7	-1.6	1.2	-1.0	-1.7	2.7
February	-2.0	-2.6	5.0	-2.4	-1.6	-8.9	1.6	1.3	4.1	0.0	0.0	3.7	-3.3	-3.8	-0.8
March	0.4	1.6	-0.3	-3.7	-5.0	-3.7	0.4	-0.3	5.9	0.0	-0.3	3.3	-2.3	-2.2	-3.3
April	-4.0	-6.1	4.5	2.4	3.9	-4.5	0.7	0.6	3.4	-3.4	-3.5	-2.0	1.3	1.3	1.6
May	-0.3	0.2	-1.4	-1.6	-0.2	-10.3	-2.4	-3.1	0.4	-1.2	-1.3	3	3.1	2.5	6.8
June	-7.9	-8.8	-1.2	3.1	3.0	-3.7	2.2	2.1	3.8	-0.4	-0.6	1.1	1	1.1	0.2
July	-8.0	-9.1	-0.1	8.0	8.7	-2.0	0.5	0.5	3.1	-2.8	-2.9	-4.1			
August	-7.5	-7.4	-6.5	3.9	5.0	-2.3	-2.2	-2.8	2.3	-0.4	-1.0	3.1			
September	-5.5	-6.5	-0.8	1.2	2.0	-4.4	-3.4	-4.0	1.1	2.7	3.0	3.3			
October	-1.6	-2.2	-1.2	1.6	2.1	-4.1	0.1	-0.6	4.4	-2.4	-2.5	-1.9			
November	-5.6	-6.0	-9.2	2.3	2.1	0.7	0.2	-0.2	5.8	-1.2	-1.2	-0.2			
December	-0.6	-1.0	-0.6	-0.1	-0.6	2.3	0.8	0.7	3.5	-3.1	-3	-4.7			

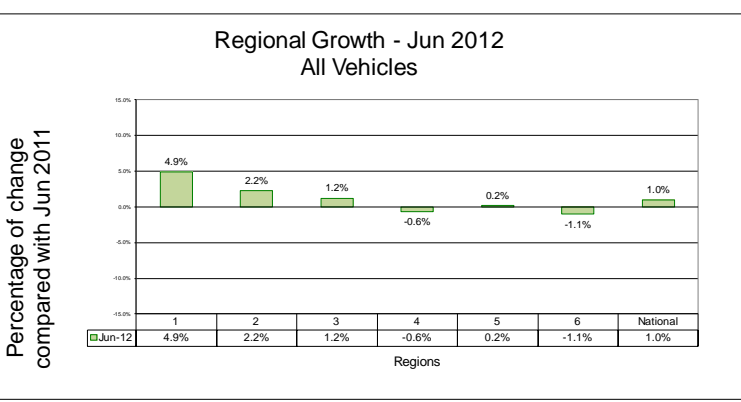
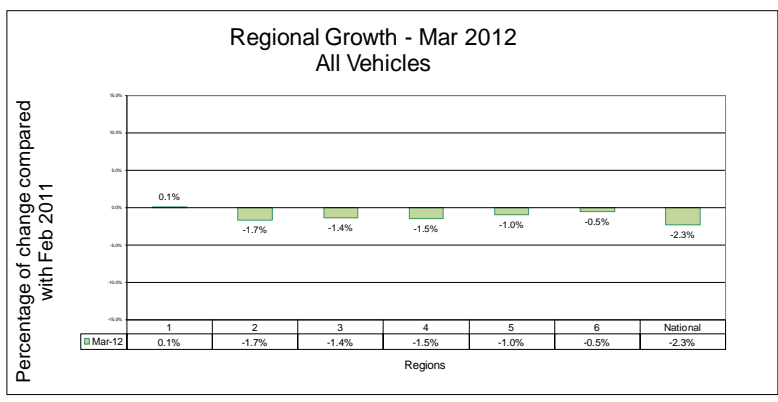
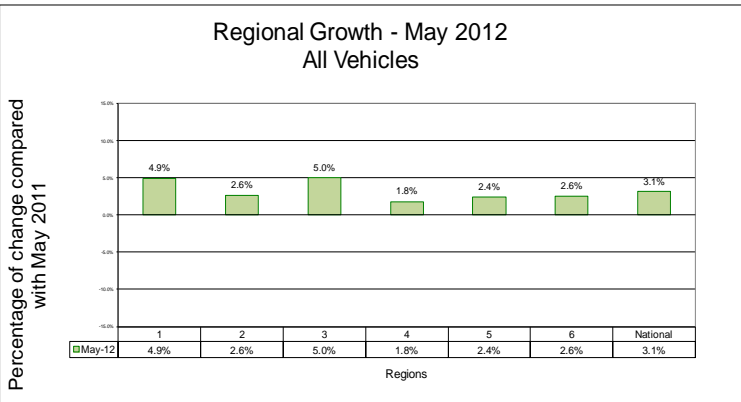
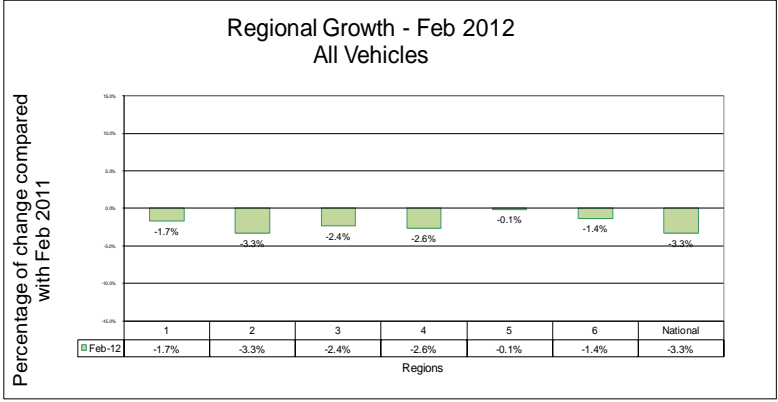
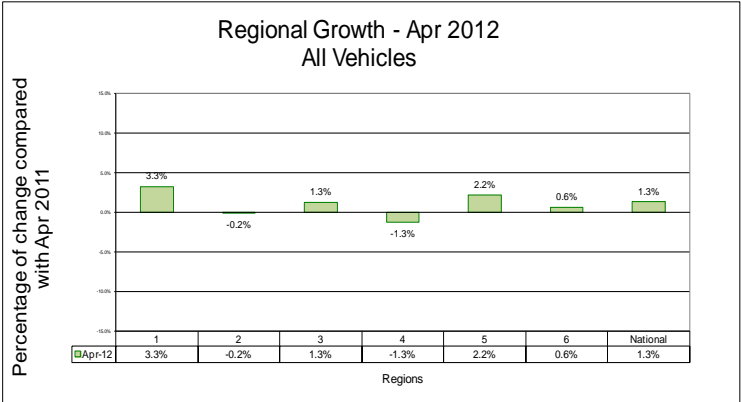
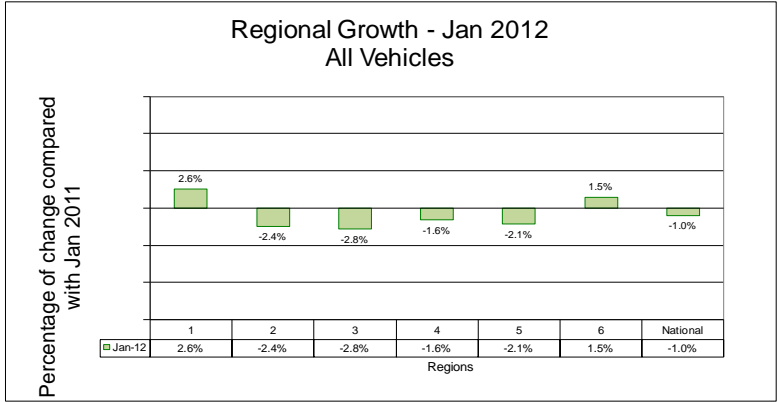
Appendices

Current and Previous Years Growth Graphs: 2012, 2011, 2010, 2009 and 2008

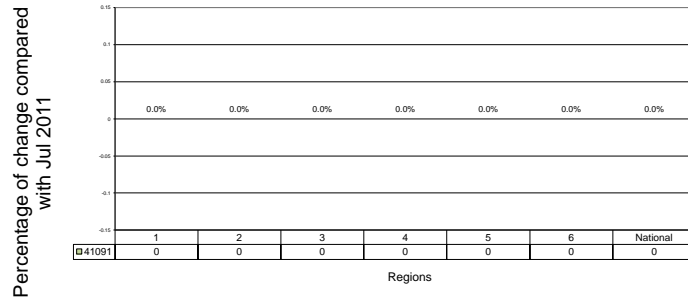
- All Vehicles
- Heavy Vehicles

Telemetry Site MADT's for the past thirteen months

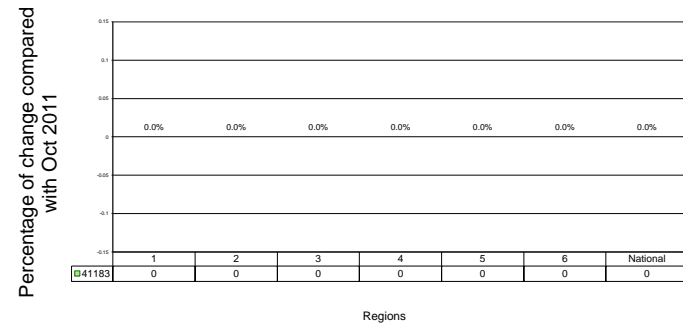
- All Vehicles
- Heavy Vehicles



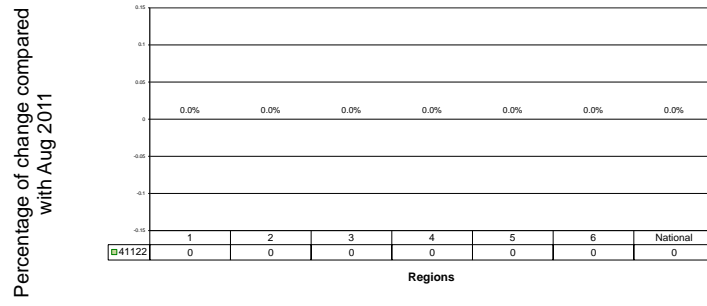
Regional Growth - Jul 2012
All Vehicles



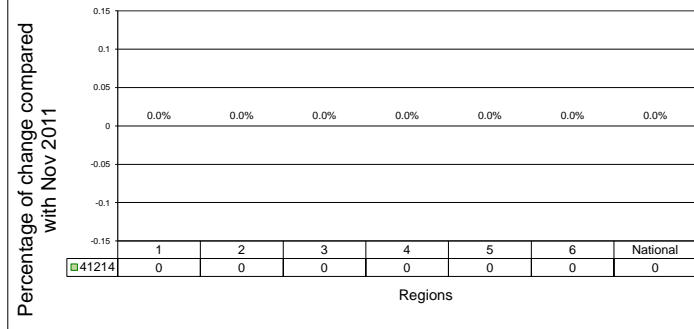
Regional Growth - Oct 2012
All Vehicles



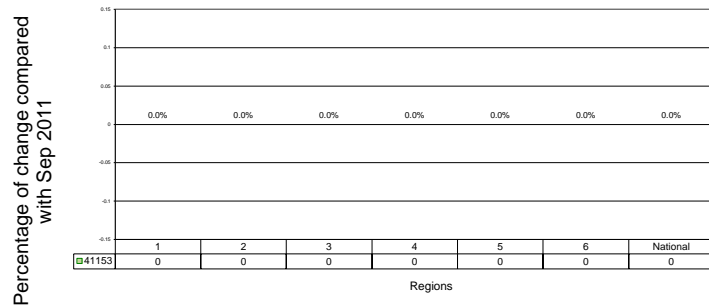
Regional Growth - Aug 2012
All Vehicles



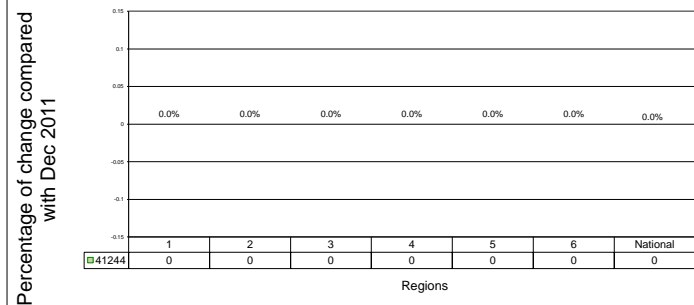
Regional Growth - Nov 2012
All Vehicles

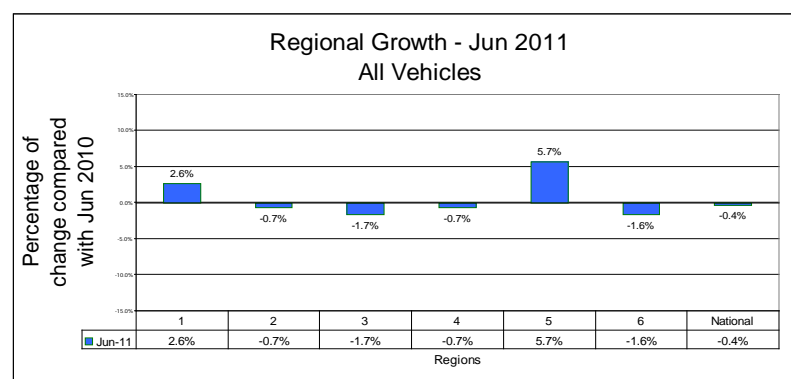
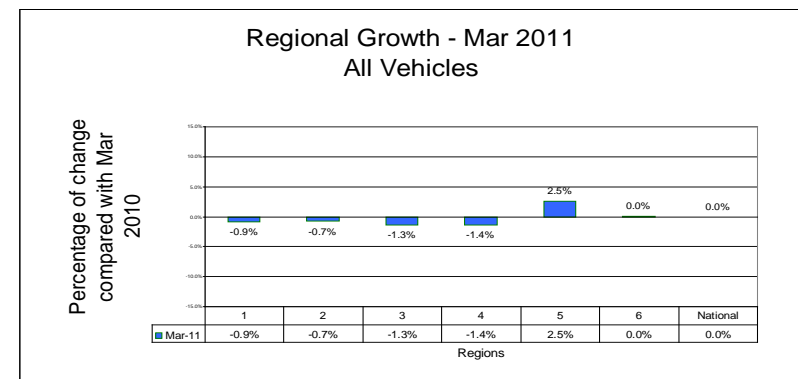
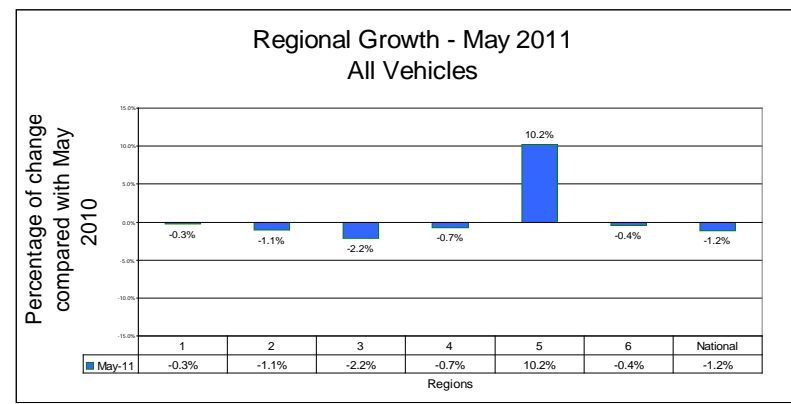
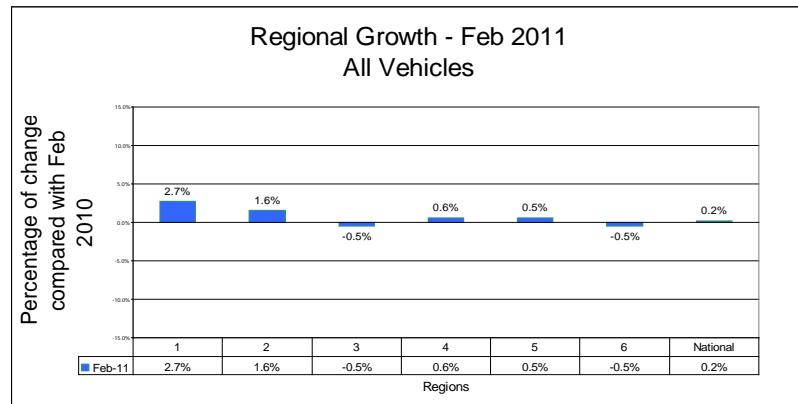
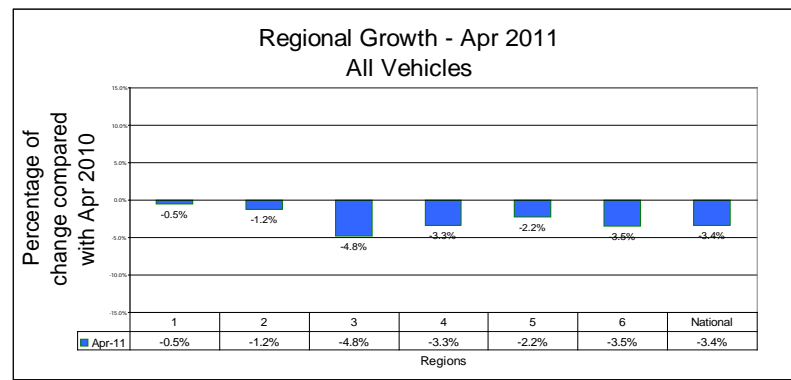
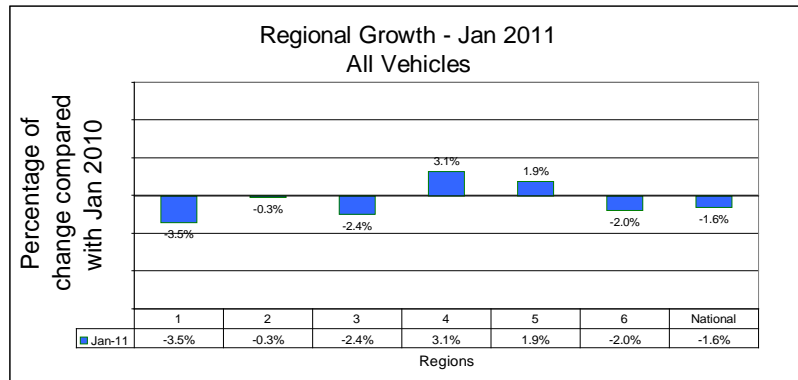


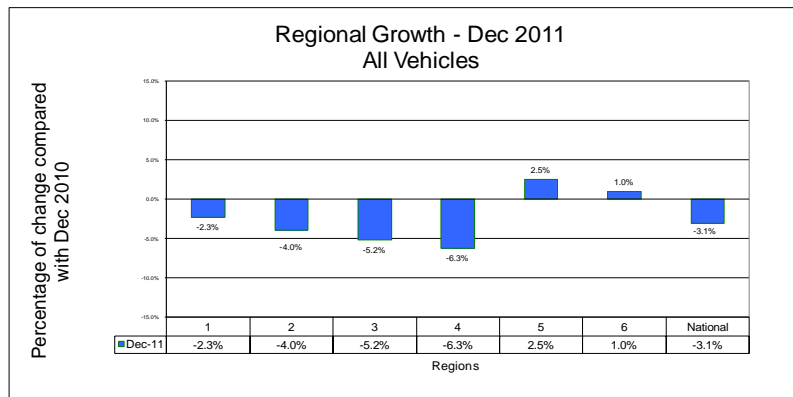
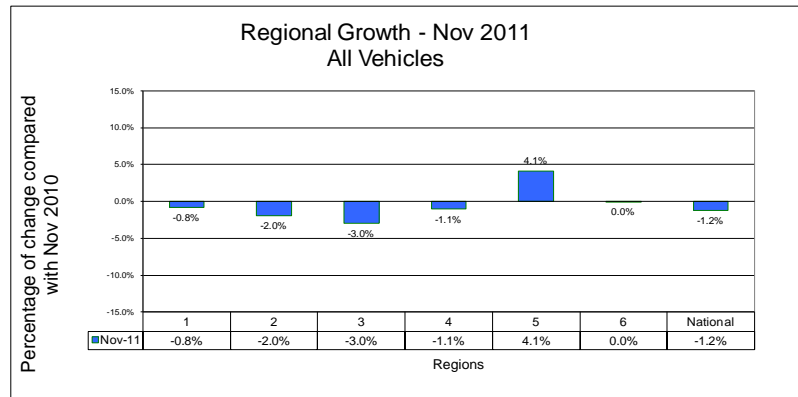
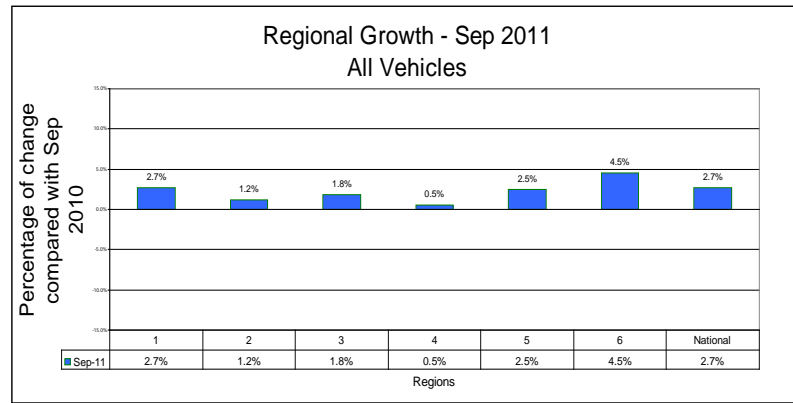
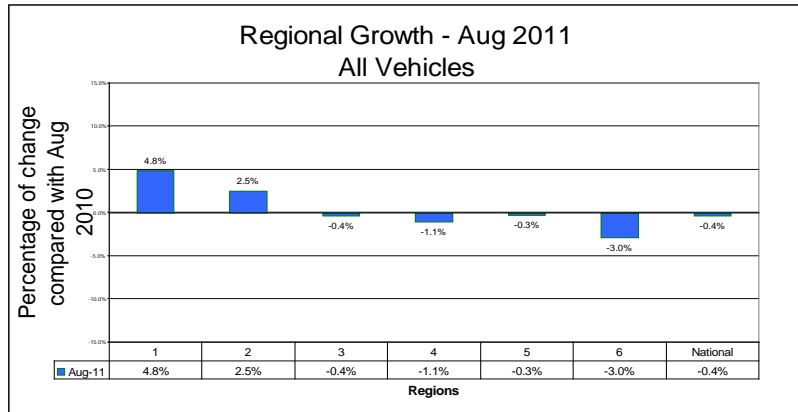
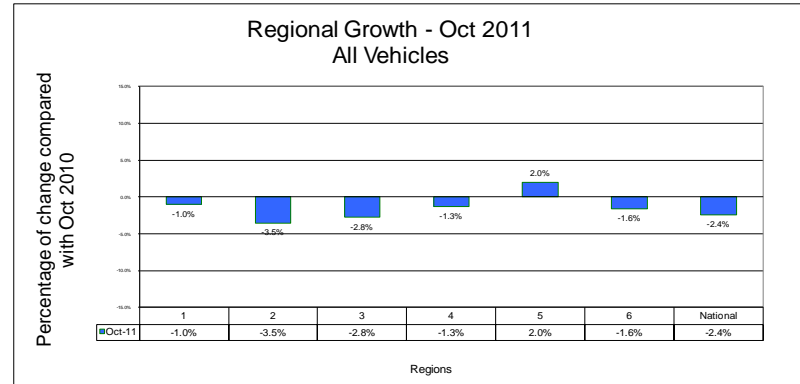
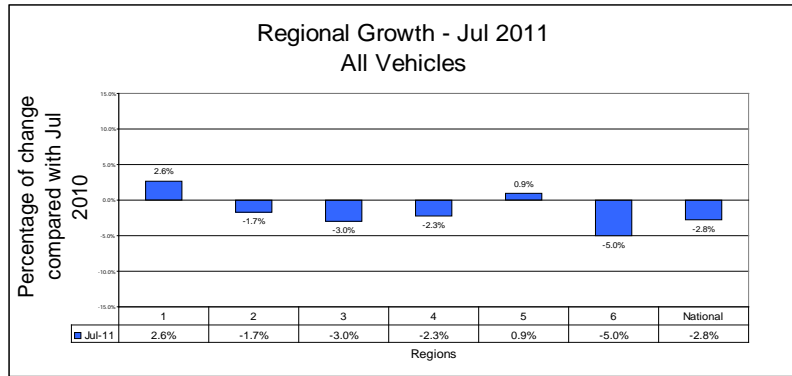
Regional Growth - Sep 2012
All Vehicles

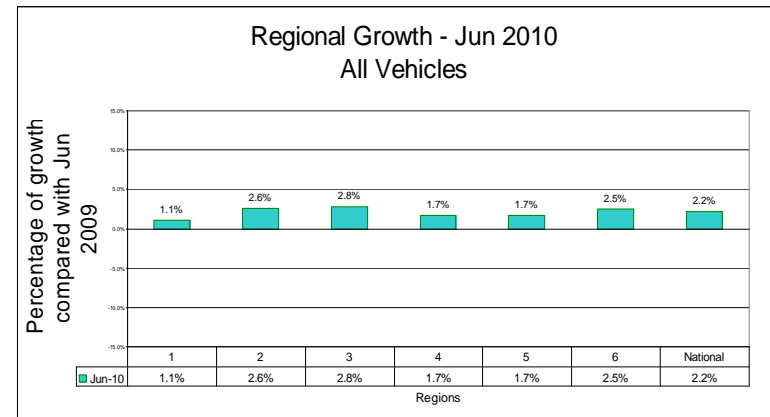
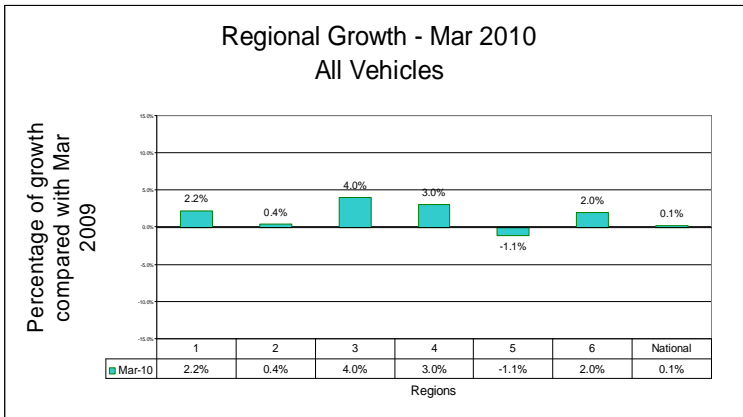
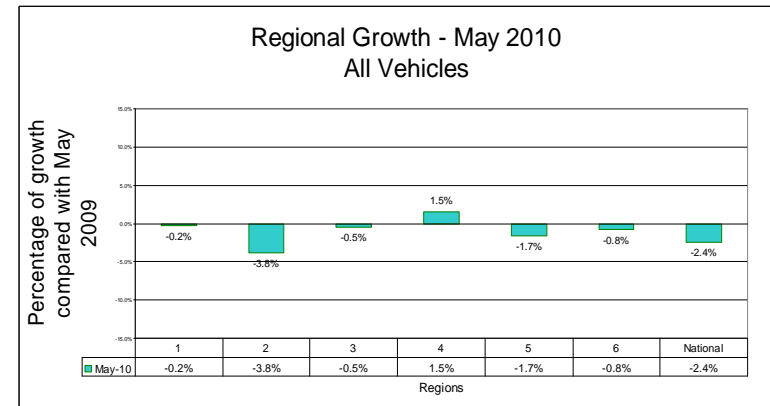
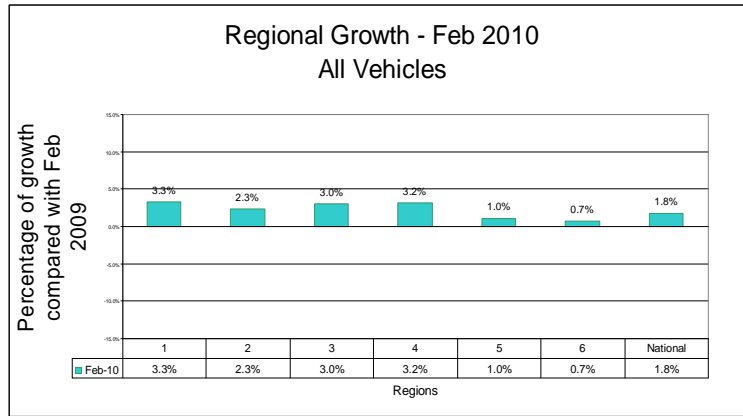
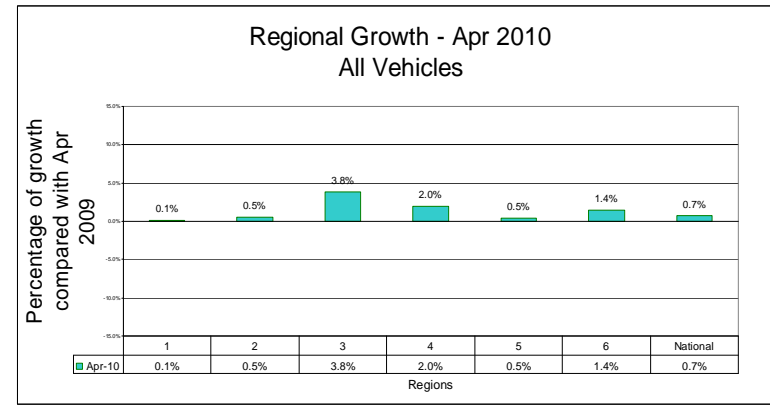
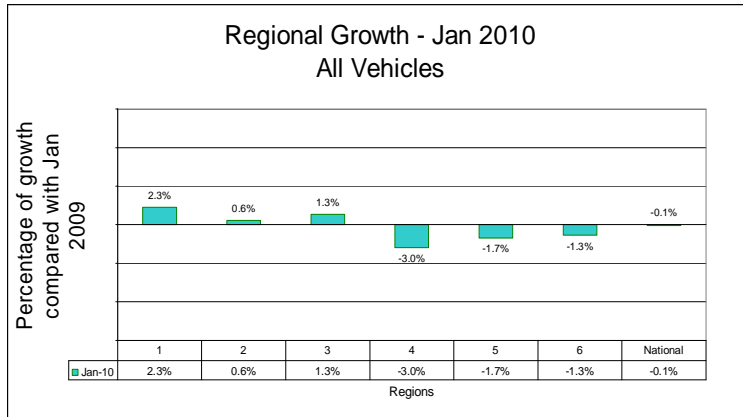


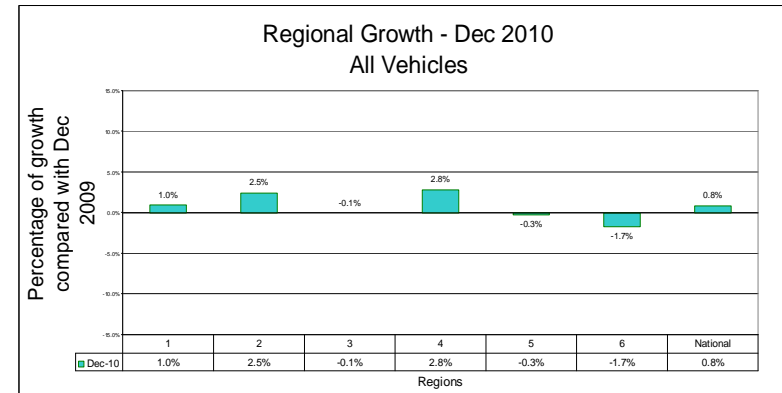
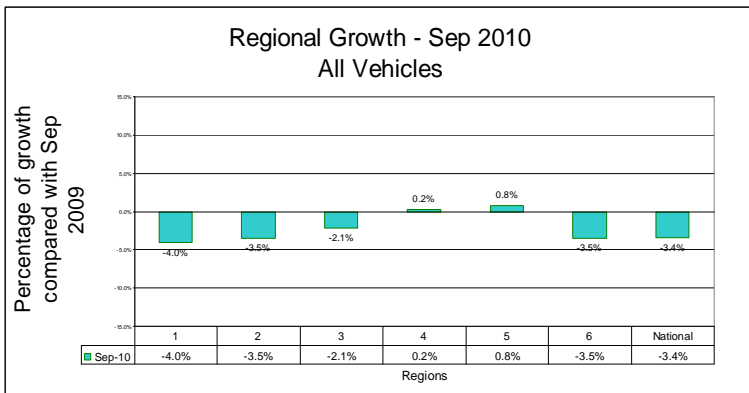
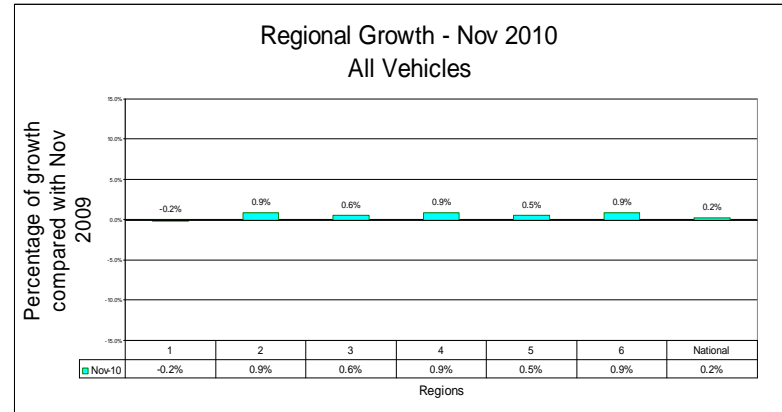
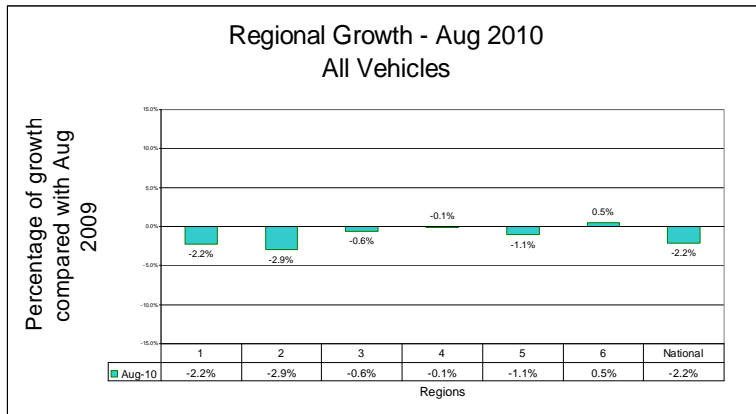
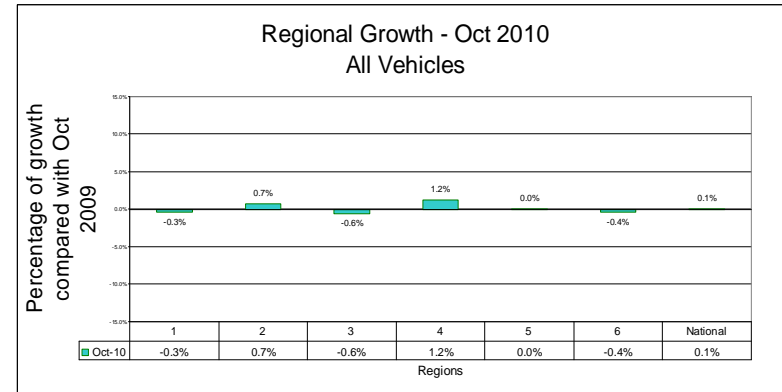
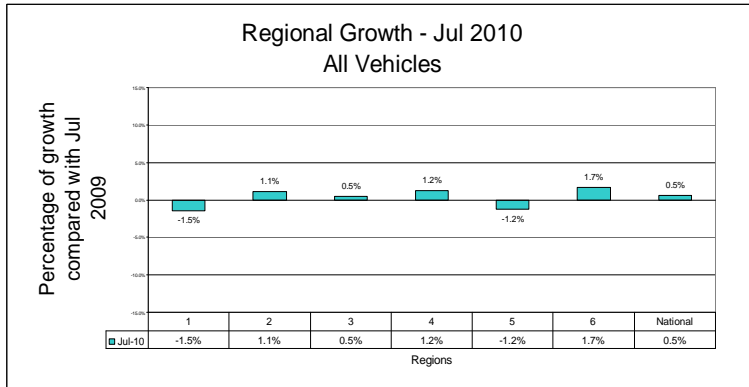
Regional Growth - Dec 2012
All Vehicles



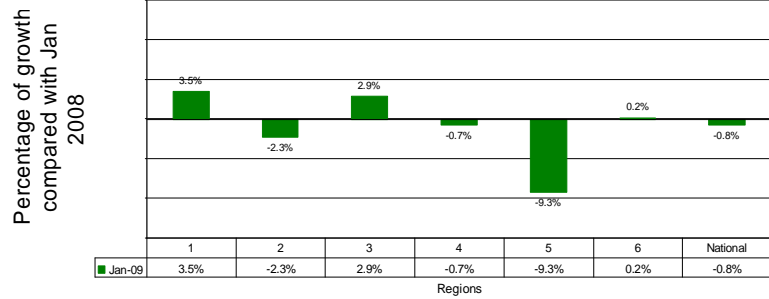




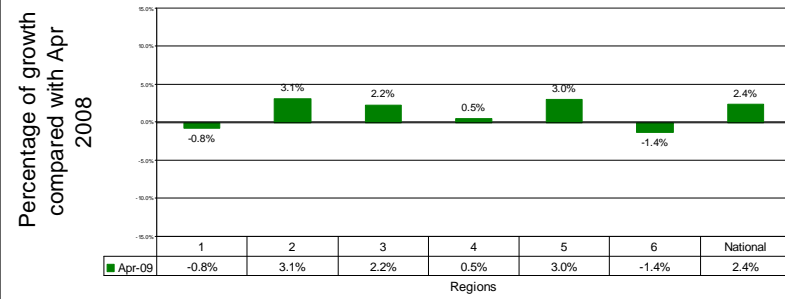




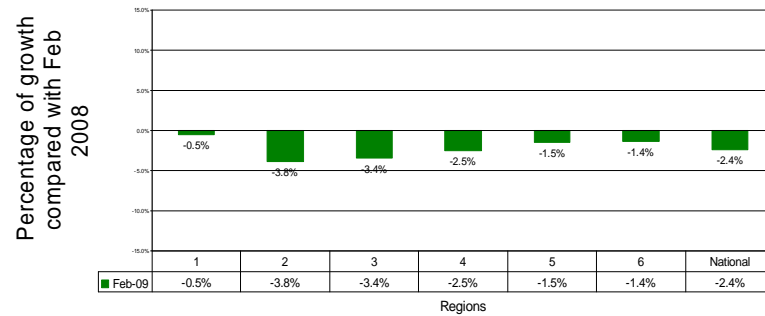
Regional Growth - Jan 2009
All Vehicles



Regional Growth - Apr 2009
All Vehicles



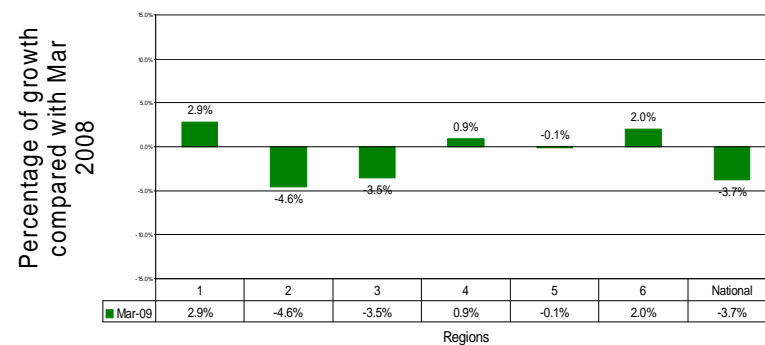
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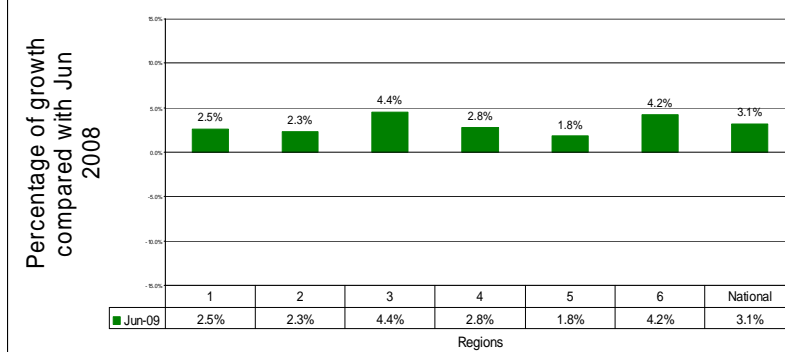
Regional Growth - May 2009
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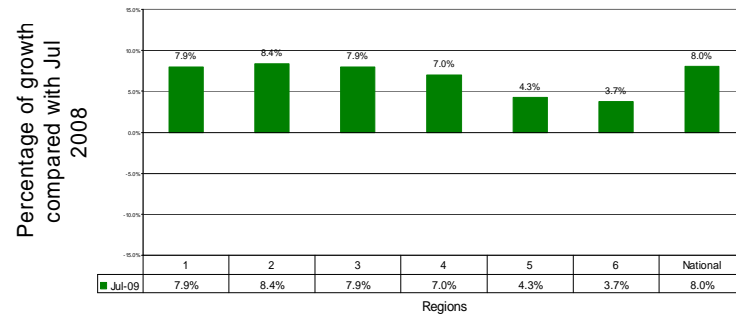
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All Vehicles



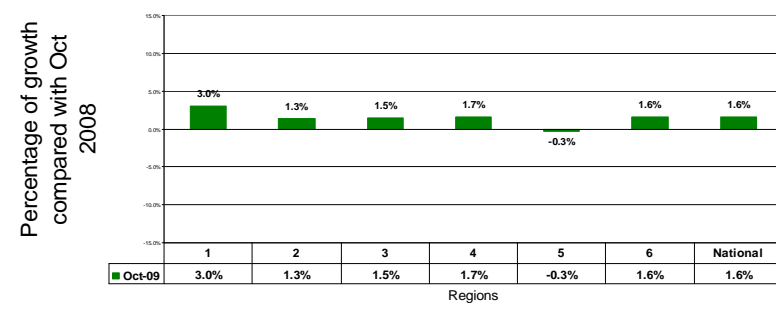
Regional Growth - Jun 2009
All Vehicles



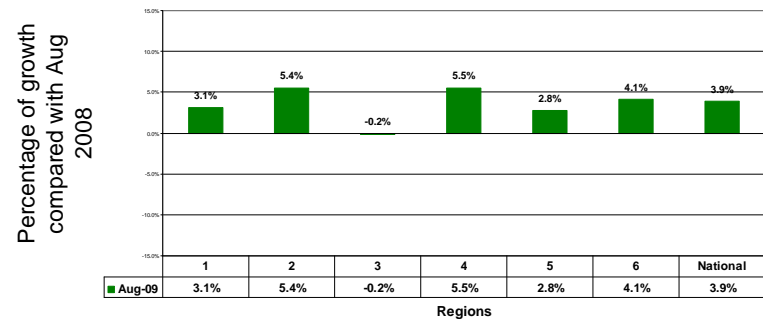
Regional Growth - Jul 2009
All Vehicles



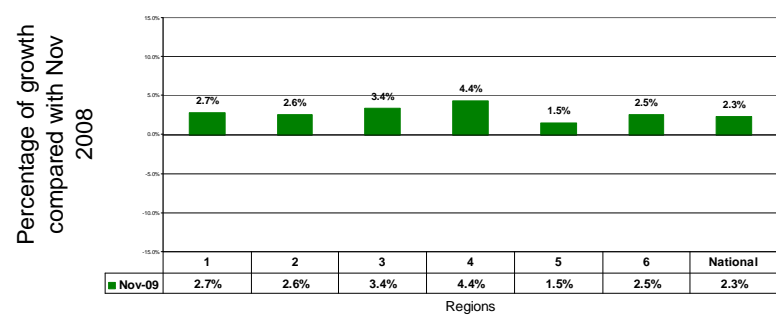
Regional Growth - Oct 2009
All Vehicles



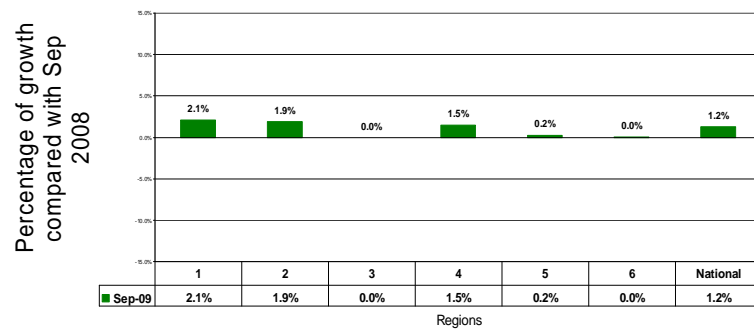
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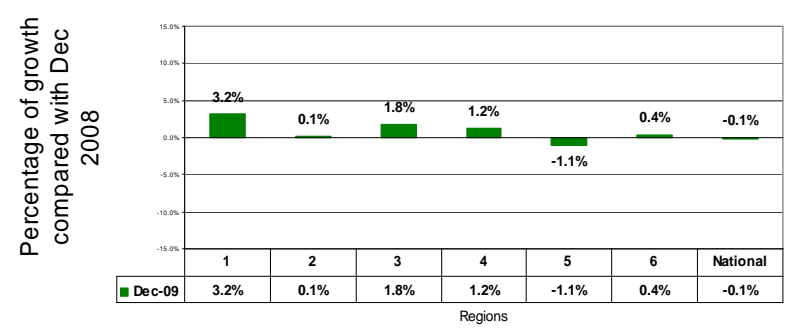
Regional Growth - Nov 2009
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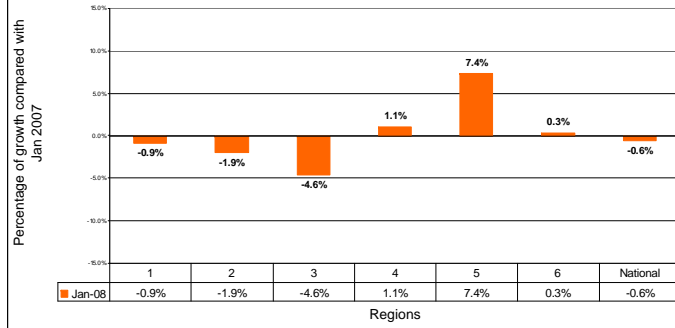
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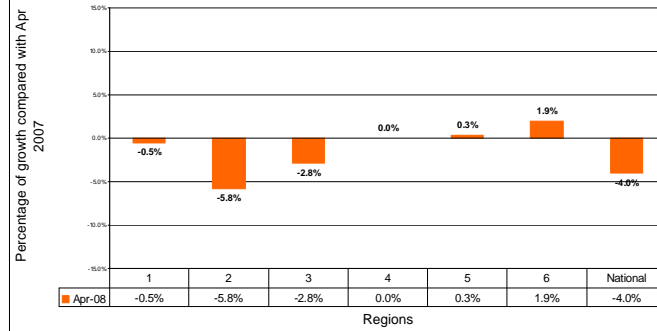
Regional Growth - Dec 2009
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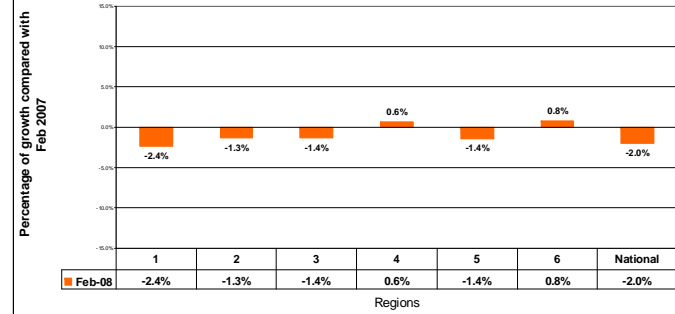
Regional Growth - Jan 2008
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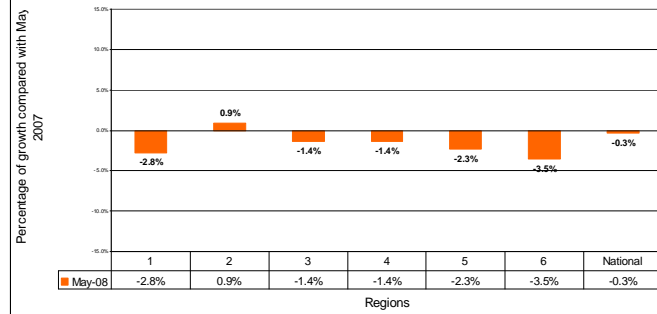
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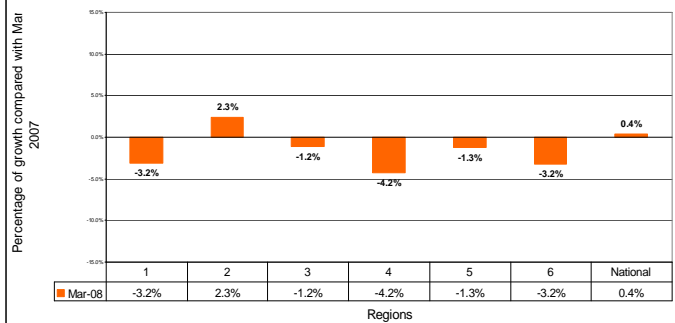
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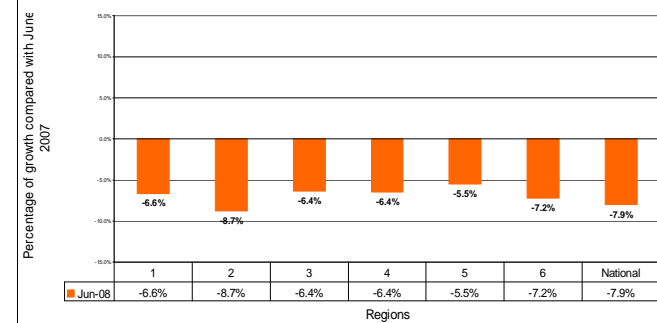
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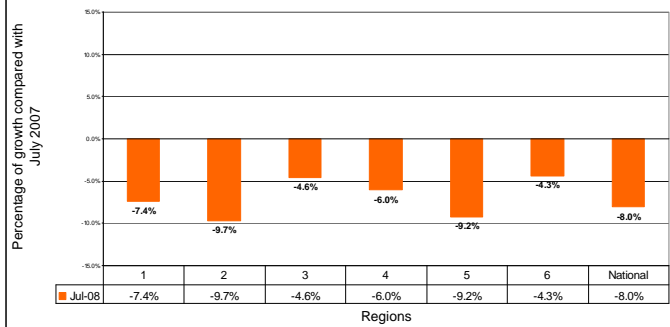
Regional Growth - Mar 2008
All Vehicles



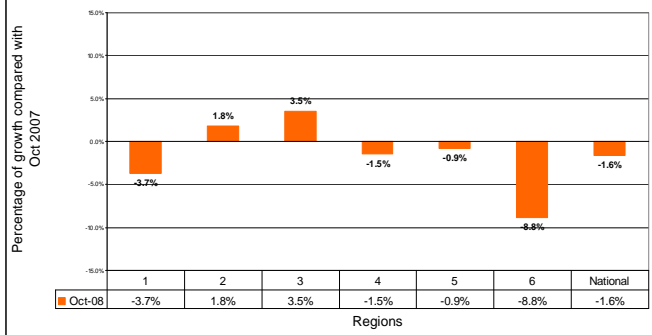
Regional Growth - June 2008
All Vehicles



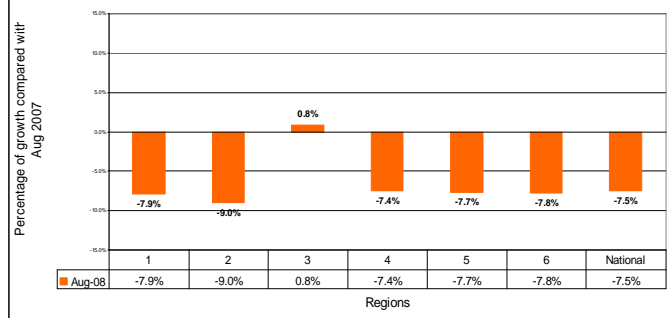
Regional Growth - July 2008
All Vehicles



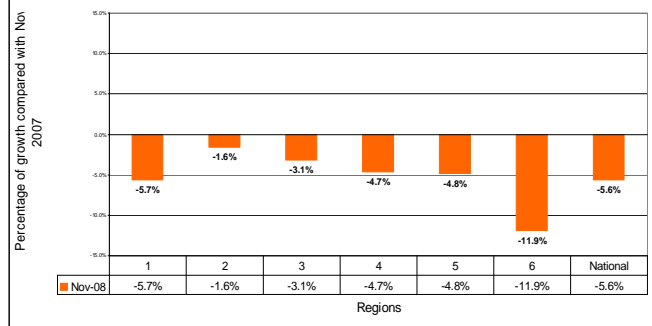
Regional Growth - Oct 2008
All Vehicles



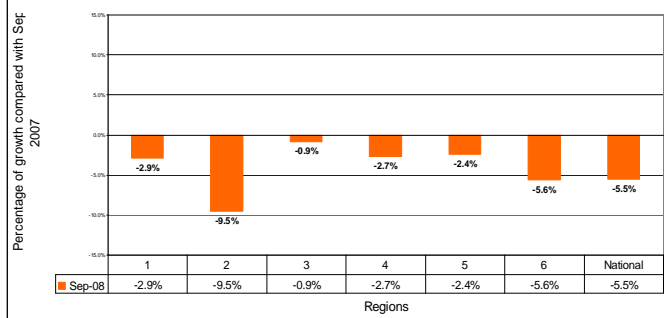
Regional Growth - Aug 2008
All Vehicles



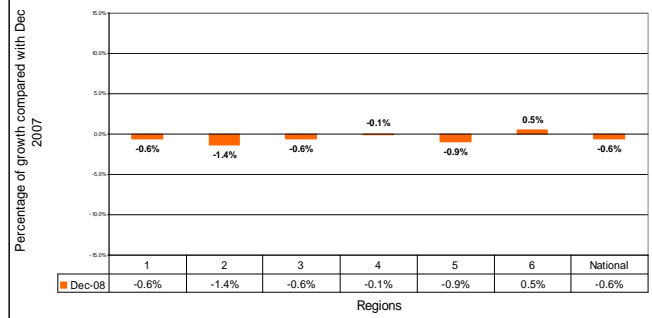
Regional Growth - Nov 2008
All Vehicles

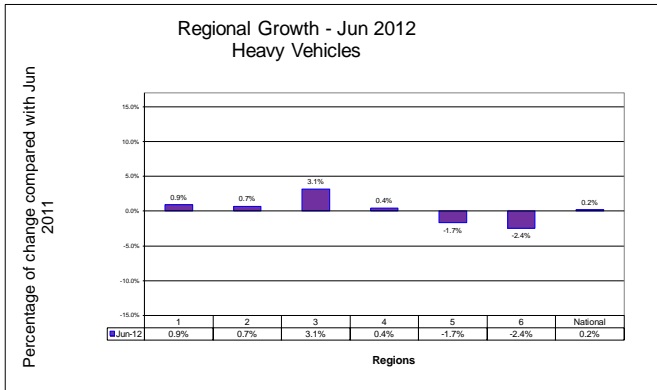
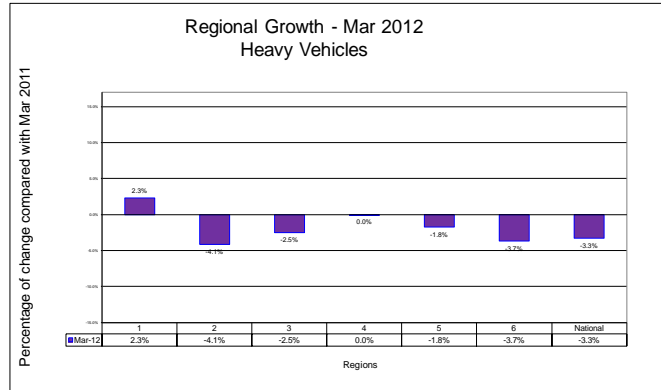
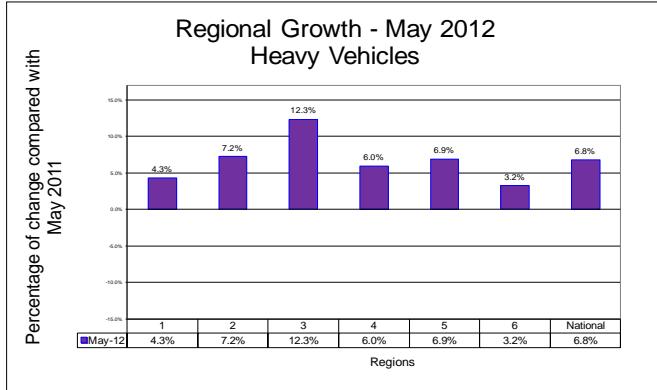
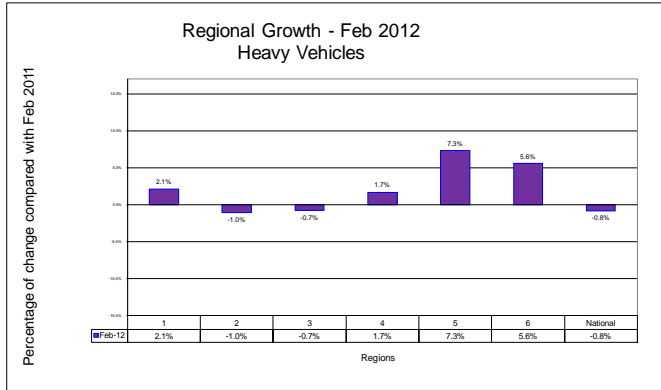
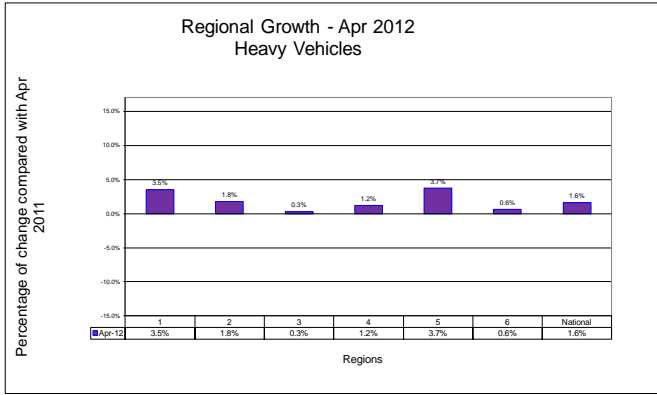
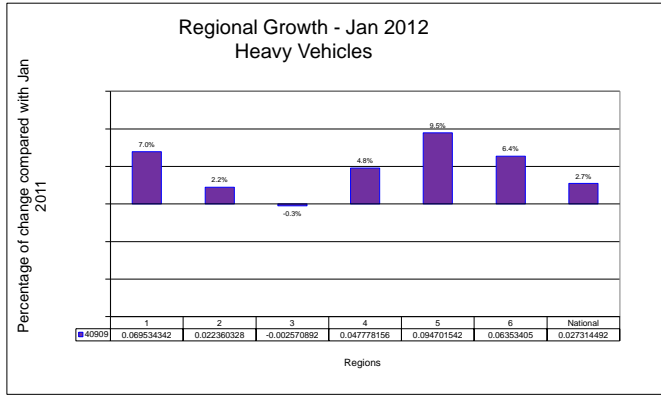


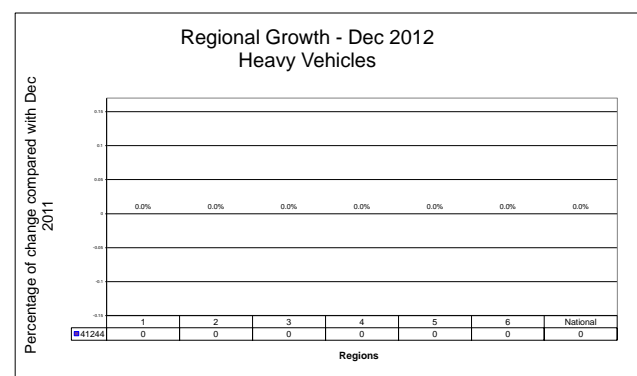
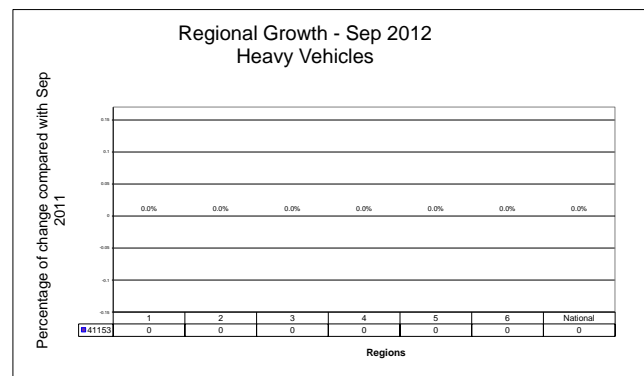
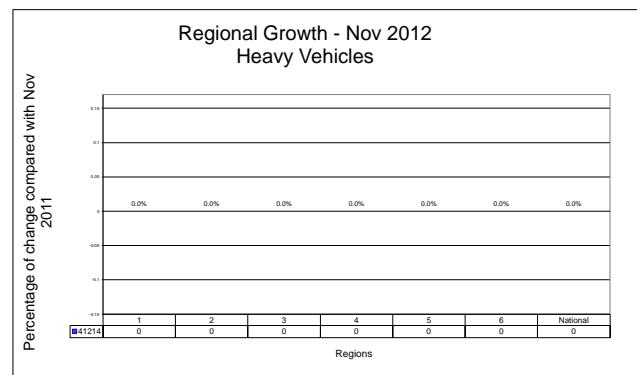
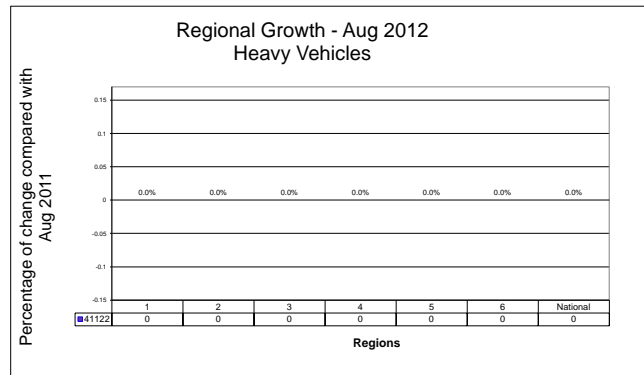
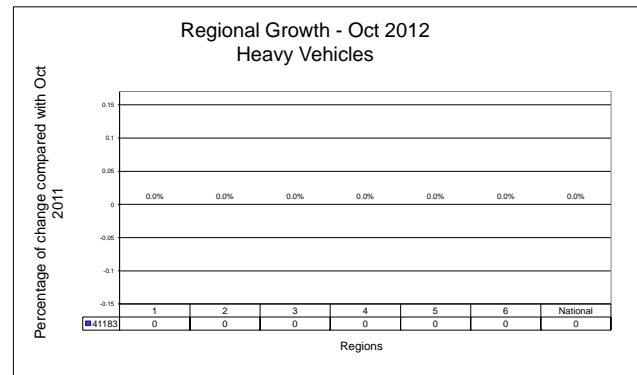
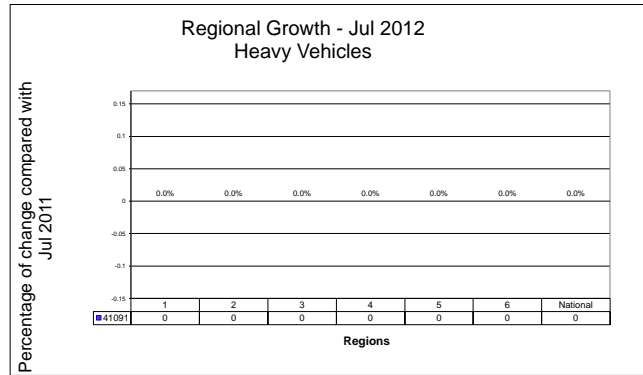
Regional Growth - Sep 2008
All Vehicles

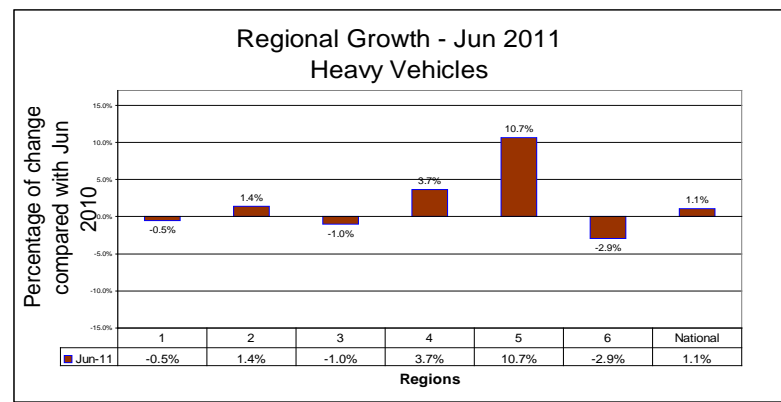
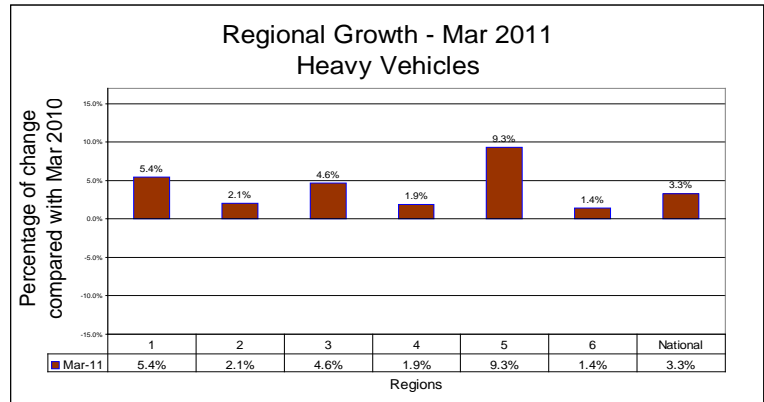
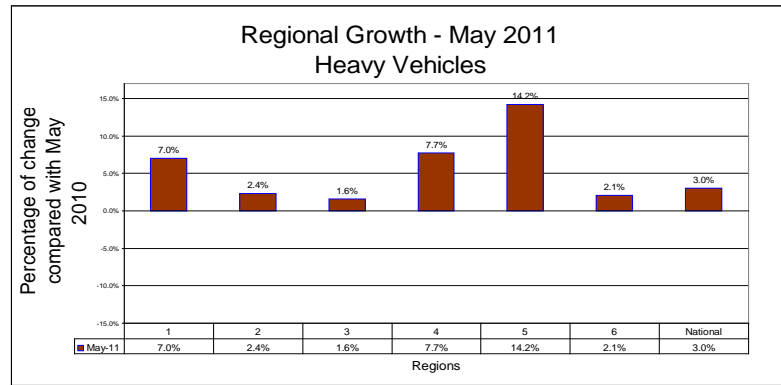
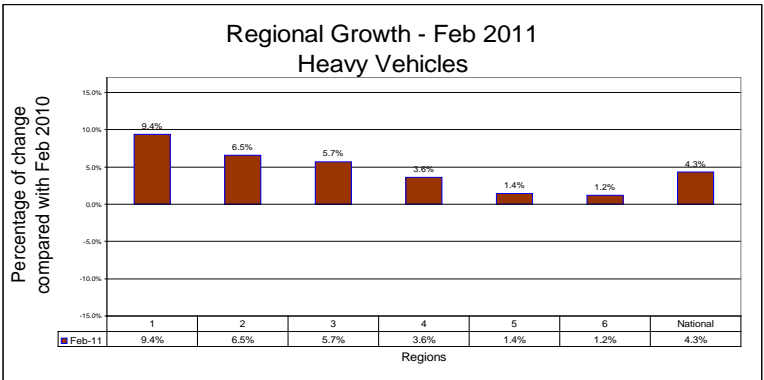
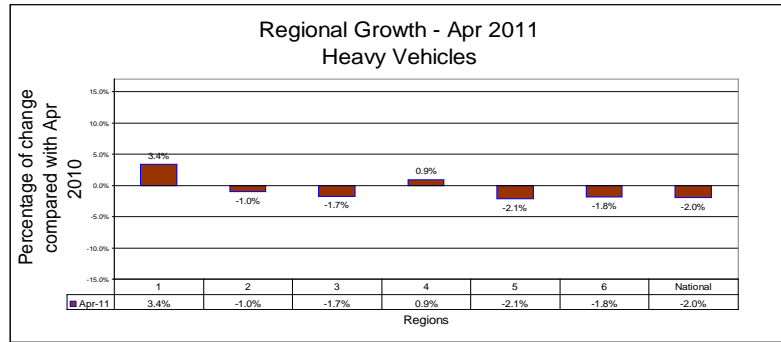
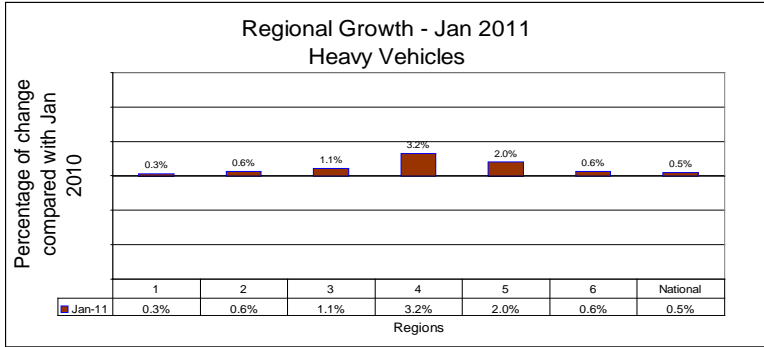


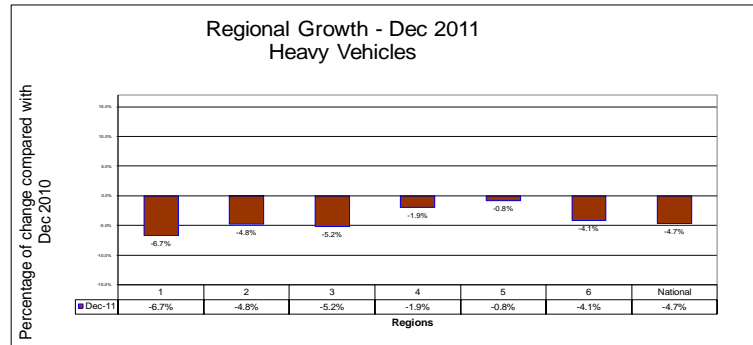
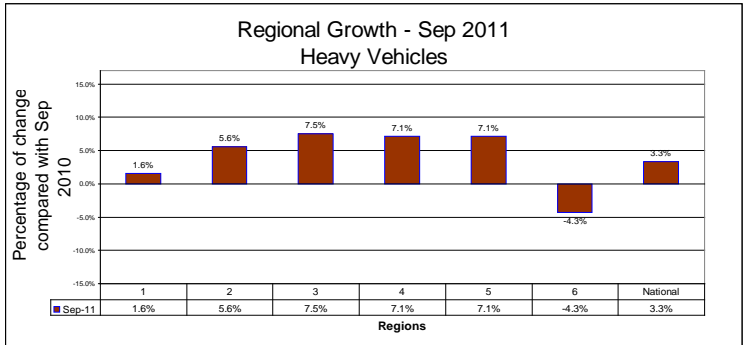
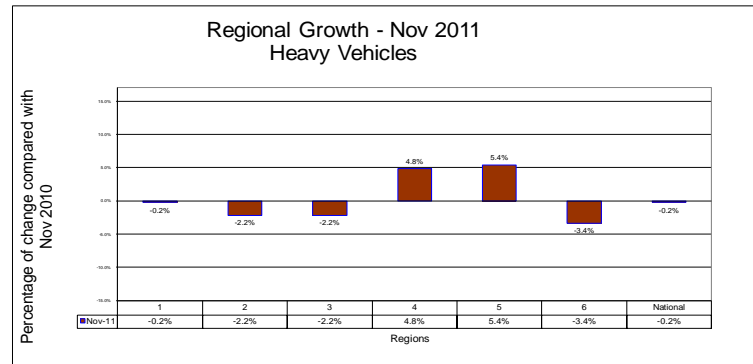
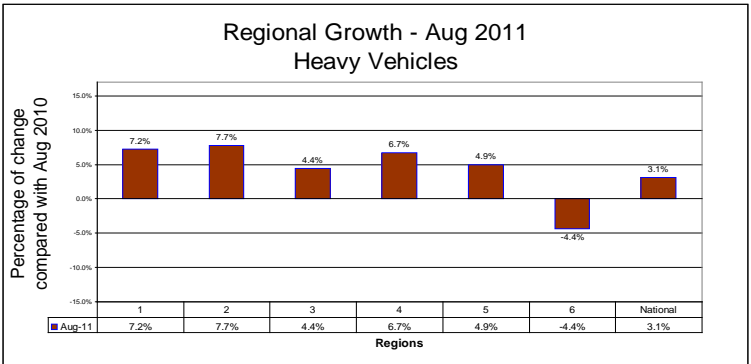
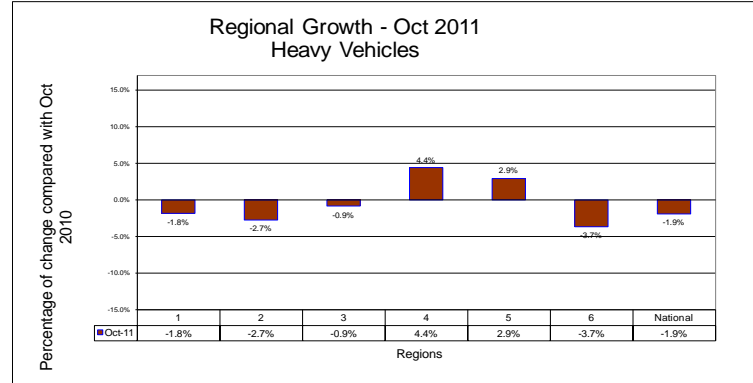
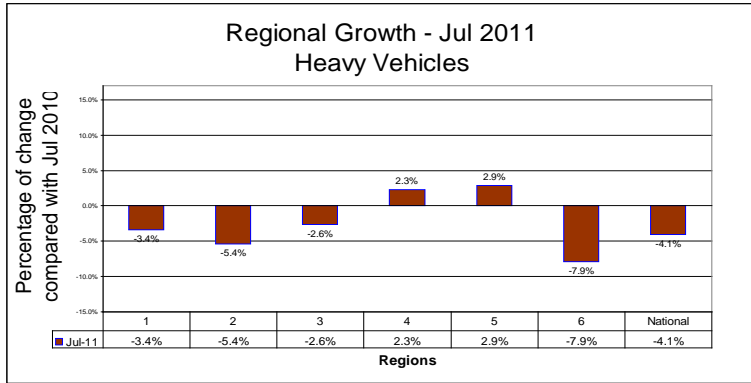
Regional Growth - Dec 2008
All Vehicles



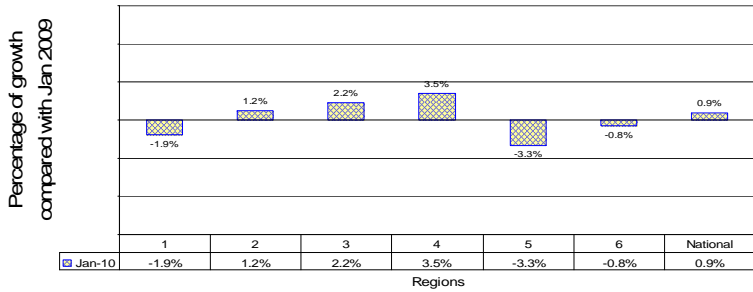




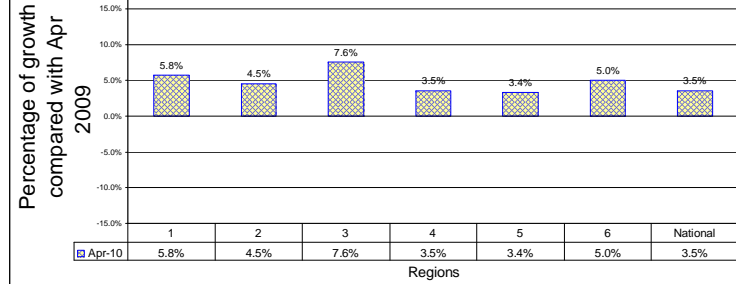




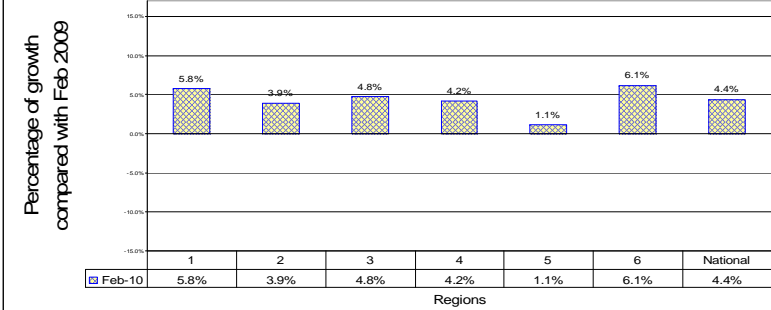
Regional Growth - Jan 2010
Heavy Vehicles



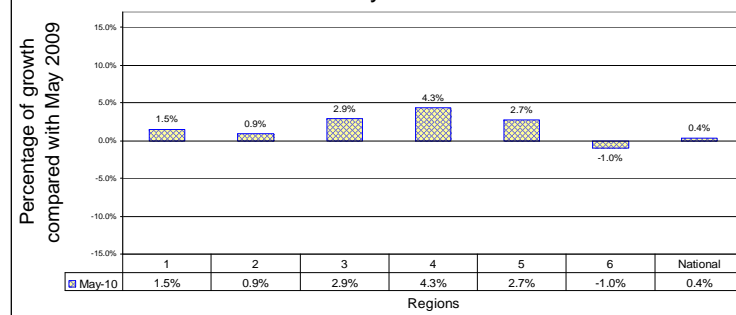
Regional Growth - Apr 2010
Heavy Vehicles



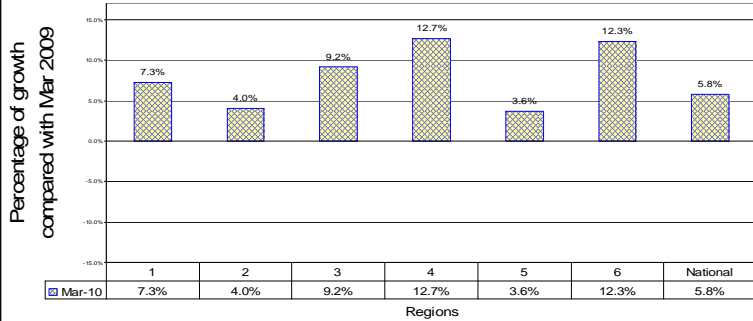
Regional Growth - Feb 2010
Heavy Vehicles



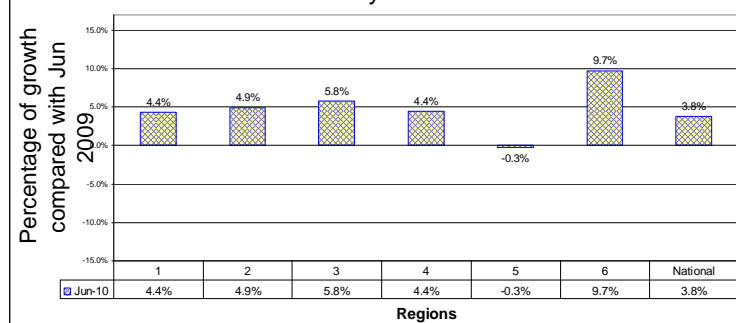
Regional Growth - May 2010
Heavy Vehicles

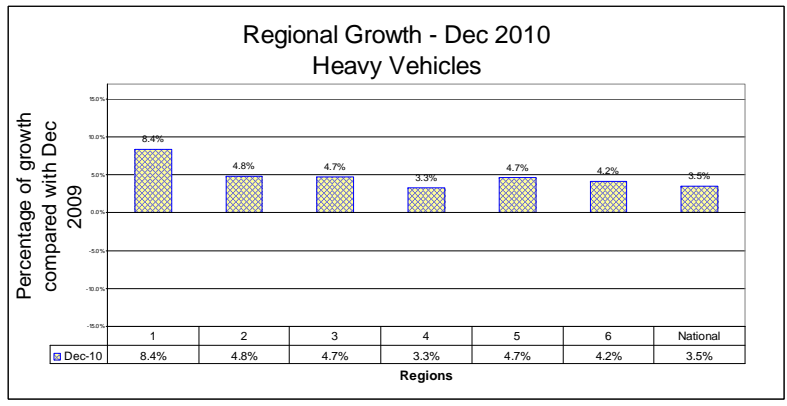
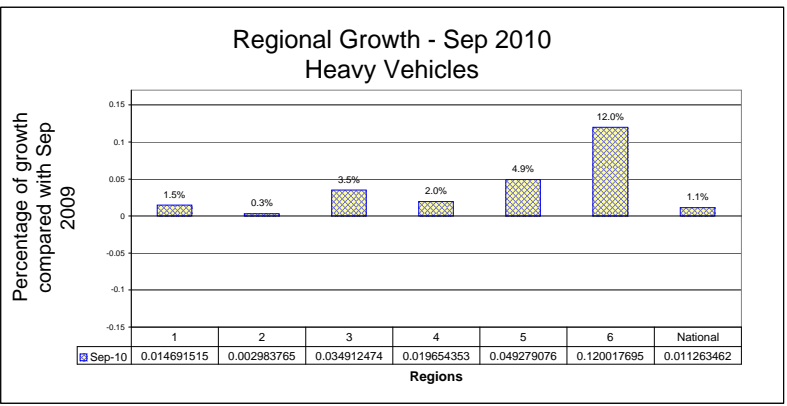
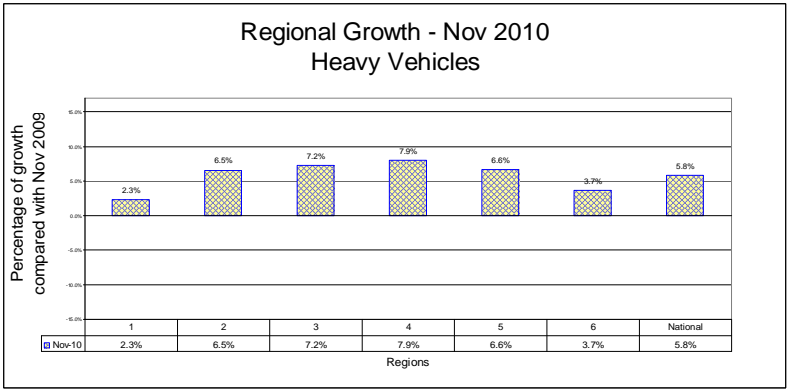
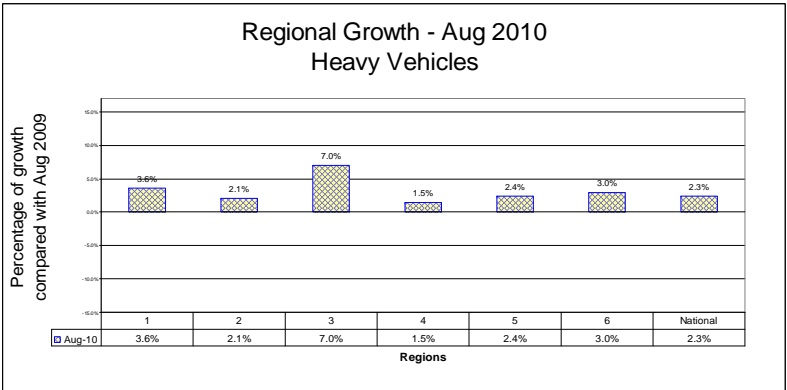
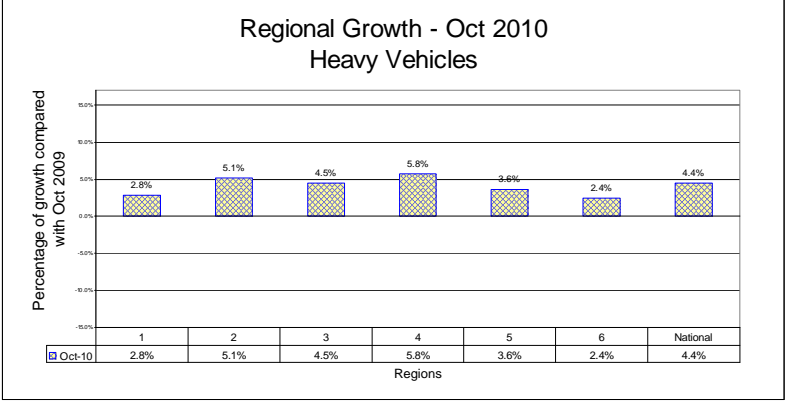
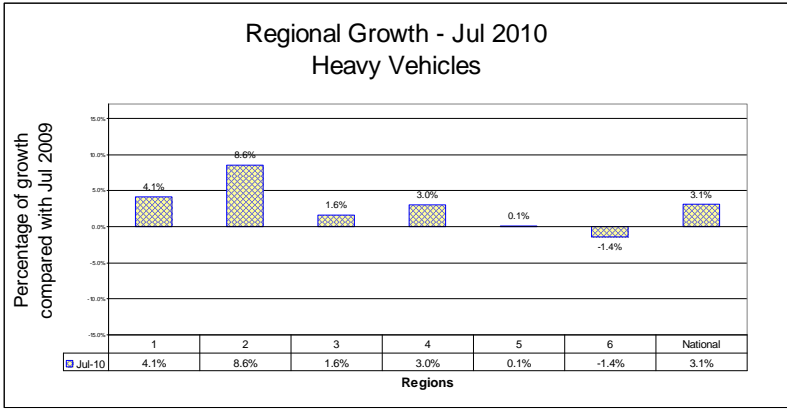


Regional Growth - Mar 2010
Heavy Vehicles

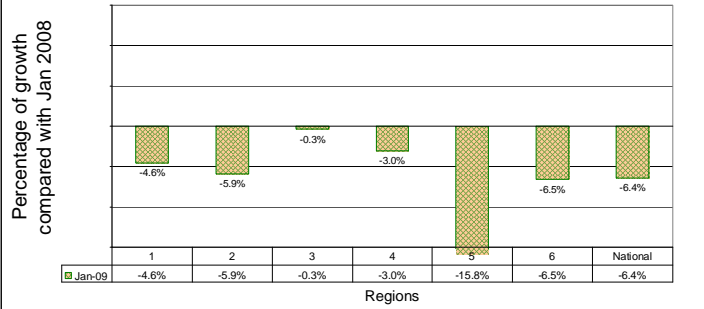


Regional Growth - Jun 2010
Heavy Vehicles





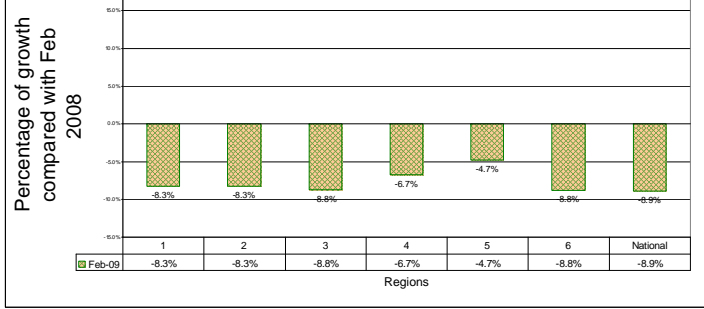
Regional Growth - Jan 2009
Heavy Vehicles



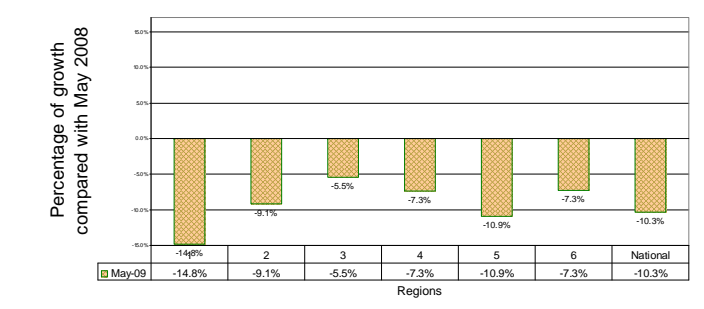
Regional Growth - Apr 2009
Heavy Vehicles



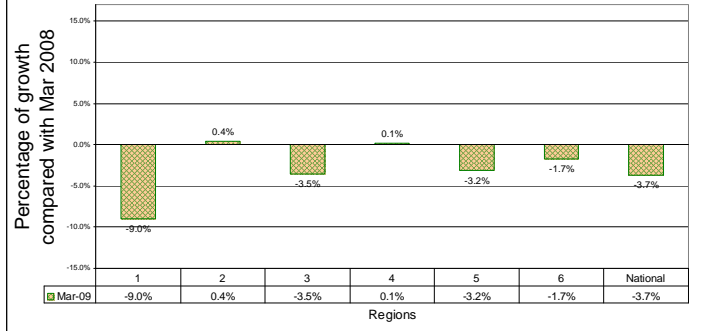
Regional Growth - Feb 2009
Heavy Vehicles



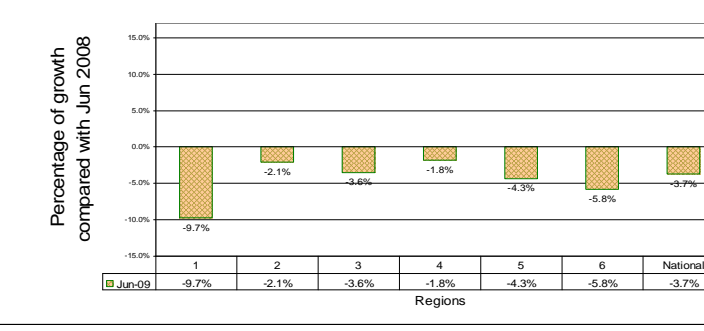
Regional Growth - May 2009
Heavy Vehicles

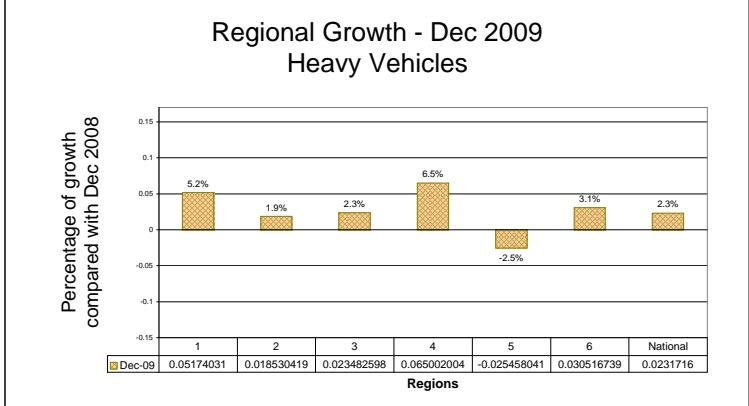
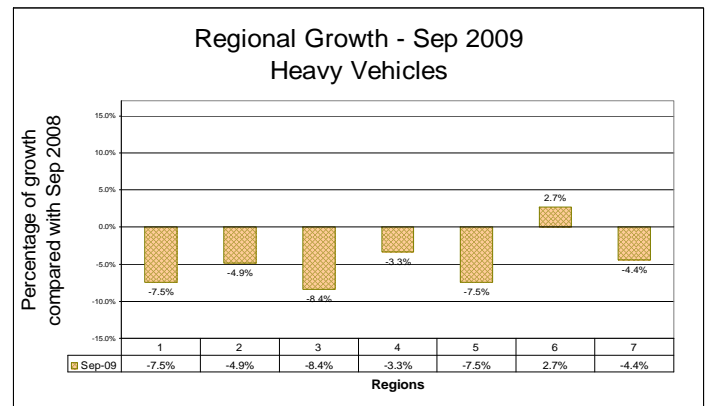
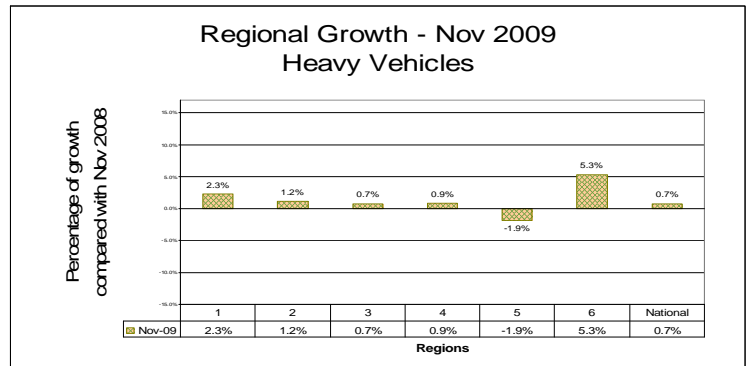
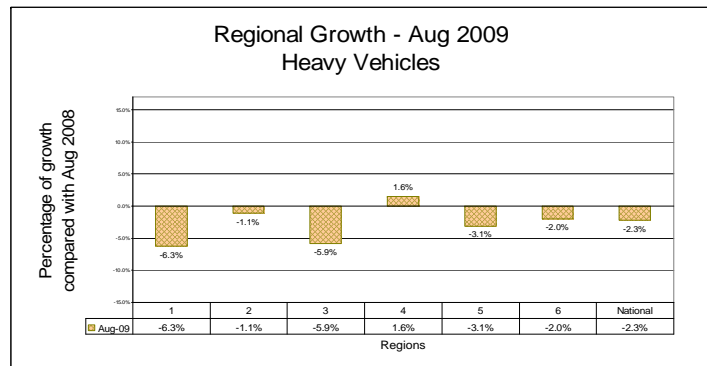
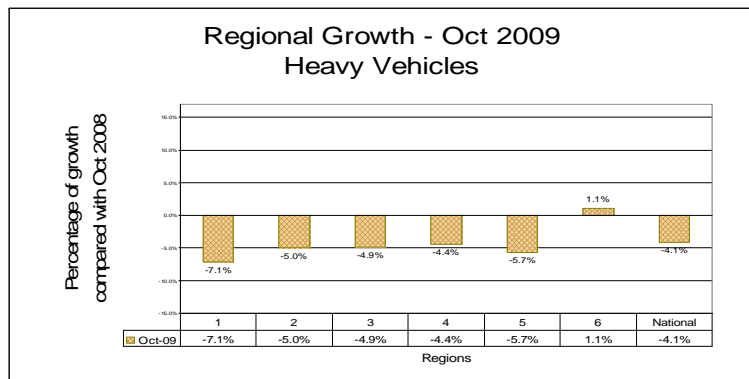
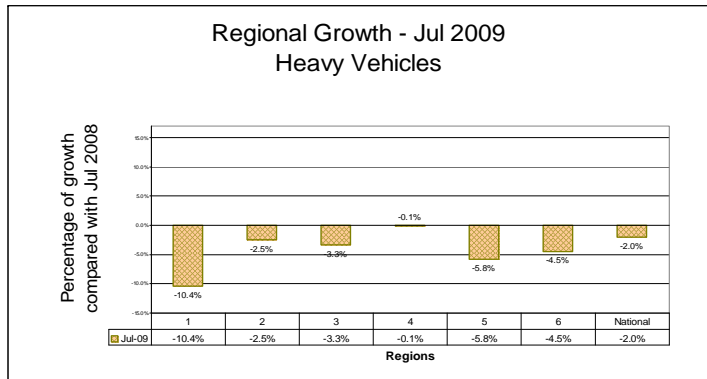


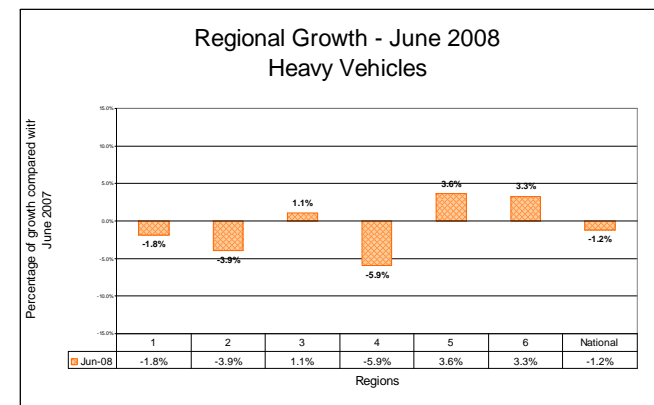
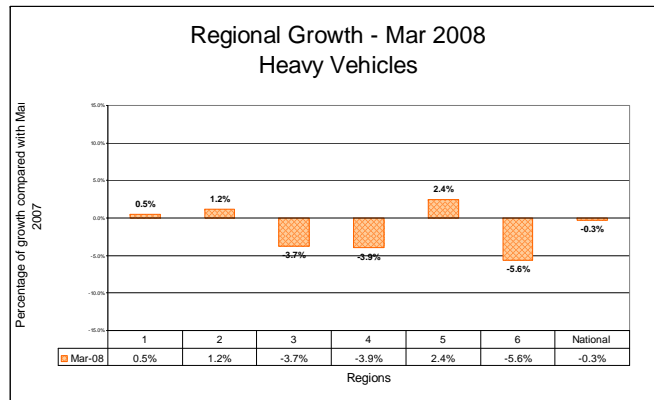
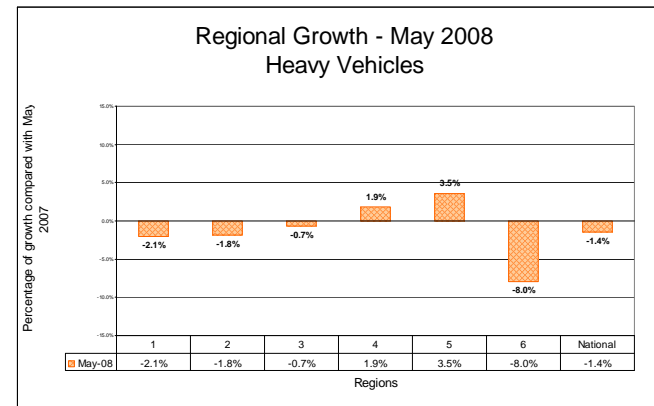
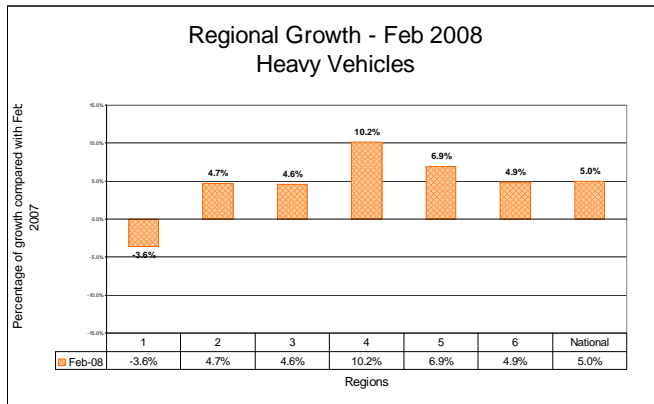
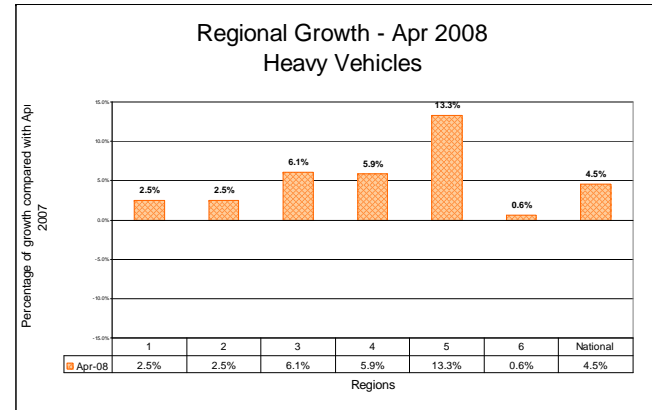
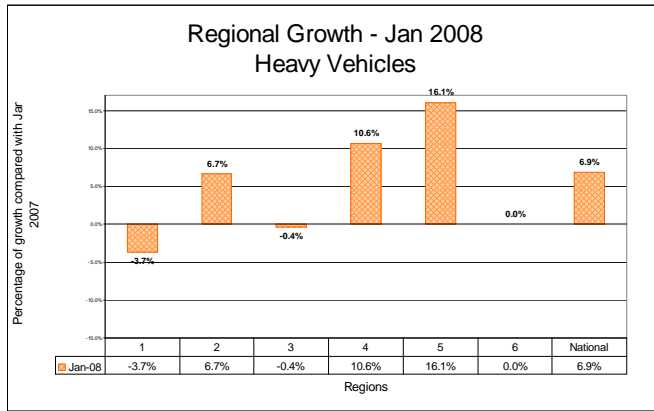
Regional Growth - Mar 2009
Heavy Vehicles



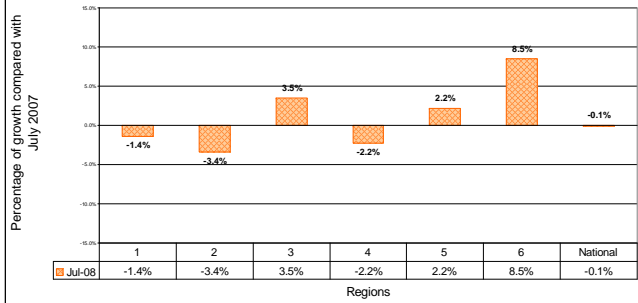
Regional Growth - Jun 2009
Heavy Vehicles



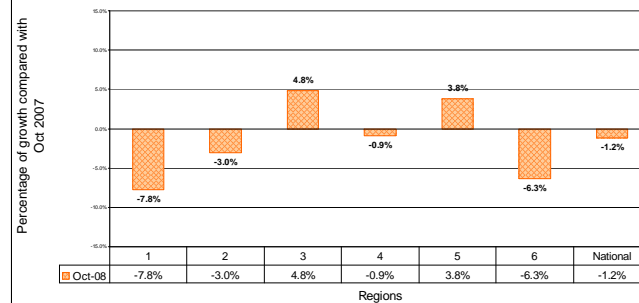




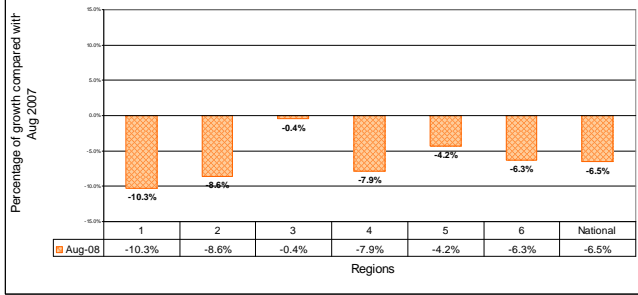
Regional Growth - July 2008
Heavy Vehicles



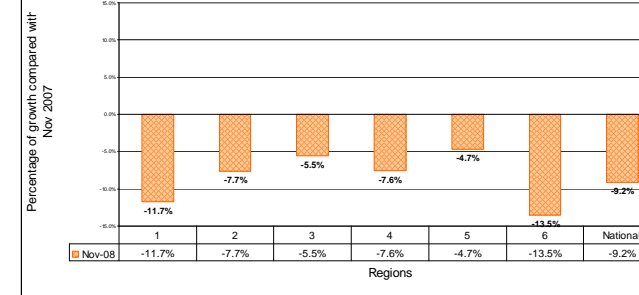
Regional Growth - Oct 2008
Heavy Vehicles



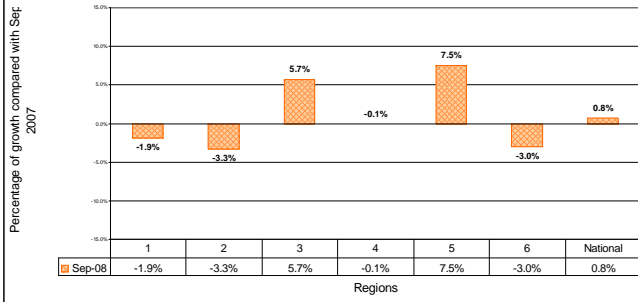
Regional Growth - Aug 2008
Heavy Vehicles



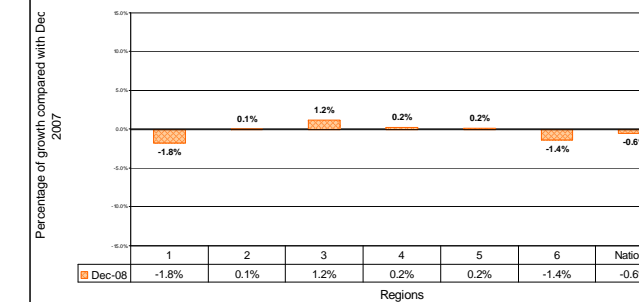
Regional Growth - Nov 2008
Heavy Vehicles



Regional Growth - Sep 2008
Heavy Vehicles



Regional Growth - Dec 2008
Heavy Vehicles



Telemetry Site MADT All Vehicles

NZTA Region	Site Ref	Description	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12
3	ID:00400133	HOROPITO	1598	2153	2277	1999	1974	1575	1754	1931	1805	1649	1870	1362	1649
3	ID:00400226	UPOKONGARO	1747	1771	1713	1745	1798	1876	1974	2036	1987	1943	1899	1685	1706
3	ID:01N00827	HIHITAH	3973	4218	3676	4058	4671	4263	4727	5147	4861	4260	4862	3627	3843
4	ID:01N11068	NGAURANGA - SH1 Sth Bound Lanes	22005	22313			22368	23225	21754	20108	23040	22763	21464	22667	22123
4	ID:00200895	CLAREVILLE - Nth of Whites Line	10189	9817	9874	10526	10887	11282	11429	10713	11414	11092	10594	10658	10279
4	ID:00200937	RIMUTAKA - Pukuratahi River Brg	5017	4951	4126		5927	5832	6026	6377	6653	5801		5324	5068
4	ID:01N01036	PUKERUA BAY - (Piezo Axle Classification)	21615	22427	21921	22053	22922	23390	24480	23301	24341	23344	22915	22155	21780
4	ID:01N21068	NGAURANGA - SH1 Nth Bound Lanes	21886	22121	22270	22403	22251	23278	19050	19669	22947	22866	21339	22816	21897
4	ID:05800009	Pauatahanui East	13462	13189		13305	13481	14341	13952	12721	14256	14062	13509	13772	13261
4	ID:00210979	NGAURANGA - SH2 Sth Bound Lanes	21212	21344			21488	22623	20847	18873	22262	22227	20630	22048	21223
4	ID:00220979	NGAURANGA - SH2 Nth Bound Lanes	20955	21073	21380	21476	21254	22625	17798	18567	22049	22002	20425	21895	20754
4	ID:00210965	KELSON - SB	16818	16745	16521	17015	16902	17961	17080	15908	17926	17682	16994	17771	16852
4	ID:00220965	KELSON - NB	16171	16080	15806	16332	16141	17200	16551	14888	17087	17073	16396	17240	16397
4	ID:00600122	STOKE - Whakatu Drive at Songer St	19589	20028	20498	20484	20373	22179	21073	21532	22276	21314	19919	20729	19992
4	ID:00600232	MURCHISON	1392		1269	1429	1805	1803	2121		2231	1940	2095	1385	1219
4	ID:00600100	HIRA	2791		2736		3094	3296	3445	3802	3696	3432	3243	2861	2868
4	ID:06000040	SH60 Riwaka	2597	2488	2500	2656	3122	3638	4441	5685	4819	3939	3659	2790	2493
4	ID:01S00037	Blenheim	3201		3168	3213	3358	3673	4294	4225	3955		3957	3210	3188
4	ID:06300096	ST ARNAUD	225		217	247	324	329	388	442	418	385	359	239	
5	ID:01S00389	DUNSANDEL	9143	9711	8709	9555	10206	10636	11121	10649	10816	10447	10796	9551	9152
5	ID:01S00505	EVANS St Timaru	18770	19402	19134	19077	20313	21488	21390	19845	20461	20255	20008	20133	20602
5	ID:07300064	Springfield - West of Township	1170	1338	1412	1433	1536	1557	1598	1847	1646	1519	1703	1198	1292
5	ID:01S00144	KAIKOURA - Nth of Hapuku River	1914	2060	1768	1968	2383	2555	2750	3362	2903	2478	2589	1905	1995
5	ID:01S00522	ST ANDREWS	5166	5252	4822	5355	5658	5896	6148	5865	5947	5765	5991	5480	5241
5	ID:00700108	LEWIS PASS	938	874	775	874	1173	1108	1285	1560	1337	1164	1293	859	
5	ID:07409005	QE II Drive East Of Main Nth Rd	20675			20889	20052	21123	20375	17932		19148	16605		
5	ID:01S00285	WAIKARA - (WIM Site)	6603	6564	5734	6636	7592	7598	8505	8924	8170	6999		6443	6332
5	ID:01S10327	WAIMAKARIRI BRIDGE - SB	20625	19185	18994	20064	20435	21801	21029	20103	21715	21823	20591	21265	19692
5	ID:01S20327	WAIMAKARIRI BRIDGE - NB	20168	18465	18253	19389	19547	21044	20612	18786	20647	20975	19787	20410	18906
5	ID:00800059	FAIRLIE	1623	1827	1775	1737	1898	2089	2442	2707	2536	2352	2603	1633	1638
5	ID:00600454	CHESTERFIELD	2387	2349	2414	2582	2767	3004	3144	3268	3275	3024	2876	2614	2296
5	ID:00700239	AHAURA					1242	1309			1390	1354	1307	1137	1084
5	ID:00600398	PUNAKAIKI - Just Nth of Canoe Creek	684						1116	1299	1287	1083	1004	738	640
6	ID:00800336	ALEXANDRA - Sth Near Butchers Dam	1741	1724	1719	1946	2113	2082	2324	2560	2402	2231	2338	1845	1768
6	ID:01S10713	BURNSIDE - Sth Bound	15211	14843	14950	15267	15207	16201	15593	13736	16031	15763	14996	15824	15089
6	ID:01S20713	BURNSIDE - Nth Bound	10464	10252	10325	10474	10391	11063	10595	9560	11014	10969	10361	10883	10410
6	ID:01S50713	BURNSIDE - On Ramp - Nth Bound	2489	2428	2458	2470	2436	2577	2525	2241	1502	2527	2391	2556	2432
6	ID:01S60713	BURNSIDE - Off Ramp - Sth Bound	3279	3082	3212	3247	3179	3511	3221	2909	1986	3425	3094	3304	3144
6	ID:01S40713	BURNSIDE - Off Ramp - Nth Bound	3278	3135	3198	3301	3323	3623	3324	2935	3455	3442	3204	3403	3281
6	ID:01S40714	Burnside - Nth Bound Off Ramp	2207	2119	2164	2243	2197	2392	2230	2026	2306	2285	2120	2251	2099
6	ID:01S00765	MILTON	5459	5370	5087	5783	6210	6549	6662	6464	6830	6515	6520	6005	5478
6	ID:06A00001	FRANKTON	15746	16567	17027	16466	16037	17256	18230	18799	18404	18036	17754	15940	16281
6	ID:08500161	GALLOWAY	1727	1643	1683	1838	1807	1946	2175	2339	2174	1969	2022	1841	1671
6	ID:08800004	RAVENSBOURNE	8202	7777	8013	8409	8313	8958	8548	7689	8839	8815	8033	8574	8174
6	ID:01S00921	INVERCARGILL	11103	10782	11263	11219	10862	11828	11030	9339	11404	11853	10496	11577	11032
6	ID:00601147	WINTON	4346	4159	4326	4444	4360	4577	4825	4322	4757	4757	4488	4548	4307
6	ID:00601082	FIVE RIVERS	1278	1206	1168	1389	1661	1842	2180	2350	2370	2084	2022	1402	1273
6	ID:01S00854	GORE	3688	3655	3564	3684	3973	4265	4323	4101	4607	4267	4105	3990	3670
6	ID:09400141	TE ANAU	615	510	615	753	927	1356	1436	1685	1599	1398	1358	760	625

Telemetry Site MADT Heavy Vehicles

NZTA Region	Site Ref	Description	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12
1	ID:01N00212	KAWAKAWA	577	558	601	655	667	748	687	730	756		677	682	585
1	ID:01000029	Sth of Takou Bay Rd													
1	ID:01N00274	Nth of Maungakamea Rd	1482	1451	1483	1510	1543	1679	1525	1862	1815	1689		1680	
1	ID:01200220	East of Brynderwyn Brg 161	357	304	314	403	419	482			297	274			
1	ID:01700006	HATFIELDS BEACH	180	183	193	199	211	233	223	245	257	234	188	166	152
1	ID:01N10459	DRURY - SB (Park Estate)	2339	2186	2306	2323	2307	2627	2489	2308	2600	2700	2511	2599	2388
1	ID:01N20459	DRURY - NB (Park Estate)	2234	2100	2203	2205	2210	2502	2320	2246	2486	2581	2421	2478	2279
1	ID:01N00336	WELLSFORD - Nth of Mangawai Rd	819	763	837	880	919	1006	935	1056	1060	1001	948	936	839
1	ID:01N10474	BOMBAY - SB	1515	1783	1866	2000	2136	2370		2296	2316	2327	2198		
1	ID:01N20474	BOMBAY - NB	1935	1838	1922	2043	2219	2425		2418	2395	2398	2312		
1	ID:01N00388	ALPURT	1102	1065	1117	1139	1206	1344	1290	1435	1384	1285	1278	1227	1149
1	ID:02000006	SH20 Puhinui Rd to Massey Rd	2981	2750	3100	3084	2947	3525	3251	2891			3145	3584	3268
2	ID:00200002	MAUNGATAWHIRI - West of Grahams Brg	1594	1497	1558	1676	1718	1832			1668	1782	1770	1692	
2	ID:25A00024	HIKUAE - Telemetry Site 76 - 1.3km after Kitahi Rd	194	195	199	217	250	284	315	369	287	261	277	209	215
2	ID:02700011	KAIHERE	816	750	797	866	871	957	863	822	935	967	870	900	789
2	ID:01N00526	TAUPIRI - Nth of Gordonton Rd		1940	2102	2157	2145	2397	2169	2016	2260	2251	2107	1994	
2	ID:01N00620	LICHFIELD - Sth of Baldwin Rd	1333	1232	1312	1437	1466	1564	1437	1334	1545	1652	1495	1508	1310
2	ID:00300085	TE KUITI - Nth of 8 Mile Junction	599	590	637	665	675	760	671	655	737	735	713	732	627
2	ID:03200074	West of Taupo	121	97	105	122	126	145	103	102	121	104	89	84	75
2	ID:01N00580	KARAPIRO	1330	1254	1483	1472	1512	1667	1626	1585	1755	1727	1649	1515	1314
2	ID:00200091	WAIHI - East of Samson Rd West	730	686	733	746	767	854	791	808	854	861	826	797	752
2	ID:01N00729	HALLETTS BAY	737	665	663	759	750	826	744	822	888	843	756	786	712
2	ID:01N00628	TOKOROA - (WIM Site)	1136	1193	1337	1504	1504	1606	1473	1416	1595			1525	1318
2	ID:01N90552	GREENWOOD	1695	1540	1709	1665	1637	1830	1686	1552	1814	1765	1578	1768	
2	ID:00200141	TE PUNA - West of Snodgrass	1134	1012	1111	1126	1099	1260	1121	1087	1212	1236	1244	1325	1149
2	ID:03010149	TE NGA - East End of Puarenga Brg (Inc)	901	887	962	962	927	1068	946	927	1022	1068	957	1029	952
2	ID:03020149	East end of Puarenga Brg (Dec)	952	888	936	944	900	1081	925	951	1039	1128	1028	1108	1027
2	ID:00200204	OHINEPANEA - West of Rogers Rd	706	664	722	824	770	861	758	719	811	723	783	805	697
2	ID:03000188	LAKE ROTOMA	289	288	310	310	309	351	301	346	372	340	349	348	310
2	ID:03300030	Sth of Maungarangi Rd Paengaroa	540	490	545	547	553	618	559	571	613	610	599	629	563
2	ID:00500034	TARUKENGA - 4.7km West of Dalbeth Rd	553	547	583	576	609	682	626	651	682	634	628	569	512
2	ID:02900034	KAIMAI - 100m past Boulder Brg (Kaukumoutiti Stream)	1145	1070	1201	1258	1270	1408	1344	1243	1424	1395	1365	1305	1152
2	ID:00500057	WAIIPA - Sth of SH30									972	956	905	919	829
2	ID:00200176	TE PUKE - (WIM Site)	1855	1662	1848		1802	2022	1699	1652	1975	1885			
2	ID:00200242	AWAKERI	614	568	574	648	566	709	608	619	745	706	797	797	660
3	ID:00200428	ORMOND	261	241	210	229	227	258	222	257	379	244	205	237	224
3	ID:03500320	OKITU (New location from April 2012)	285	240	273	285	293	359	292	322	425	367	384	483	443
3	ID:00200627	TANGOIO	363	338	346	358	348	411	351	419	440	491	350	401	375
3	ID:00500230	TE POHUE -1km Nth of Oakmere Station Gateway	451	467	472	525	483	573	460	458	583	694	564	607	525
3	ID:05000010	Nth of Tutaeuri River		1205	1269	1341	1242	1418			1547	1588	1432	1518	1381
3	ID:00300171	TONGAPORUTU Brg	358	348	399	410	433	488	402	464	457	440	428	424	384
3	ID:00300267	TARIKI	780	803	960	1008	1034	1134	1008	987	1063	1097	1048	1070	884
3	ID:00300370	WAITOTARA	423	414	571	561	598	671	614	565	599	642	672	623	480
3	ID:04500101	OHAWEE BEACH Rd	216	235	370		605	584	530	501	497	463	434	342	237
3	ID:01N00930	SANSON	1357	1258	1372	1470	1501	1638	1557	1477	1636	1646	1552	1536	1355
3	ID:01N00988	OHAU	1383	1315	1366	1411	1401	1496	1444	1376	1559	1494	1388	1423	1305
3	ID:00200755	NORSEWOOD	541	493	525	603	580	618	566	621	698	704	653	652	513
3	ID:00300489	MANAWATU GORGE	707	642	723										426
3	ID:00400133	HOROPITO	277	275	297	294	270	288	259	285	325	317	296	291	277
3	ID:00400226	UPOKONGARO	146	138	138	139	133	195	155	184	175	181	163	151	143

Telemetry Site MADT Heavy Vehicles

NZTA Region	Site Ref	Description	Jun- 11	Jul- 11	Aug- 11	Sep- 11	Oct- 11	Nov- 11	Dec- 11	Jan- 12	Feb- 12	Mar- 12	Apr- 12	May- 12	Jun- 12
3	ID:01N00827	HIHITAH	864	784	740	830	883	967	839	829	993	1004	914	938	822
4	ID:01N11068	NGAURANGA - SH1 Sth Bound Lanes	556	571			744	818	735	709	813	765	710	778	751
4	ID:00200895	CLAREVILLE - Nth of Whites Line	497	463	506	600	606	660	588	569	686	670	600	576	476
4	ID:00200937	RIMUTAKA - Pukuratahi River Brg	302	278	251		335	391	342	359	401	380		328	266
4	ID:01N01036	PUKERUA BAY - (Piezo Axle Classification)	1695	1641	1745	1794	1732	1874	1769	1619	1896	1871	1738	1863	1675
4	ID:01N21068	NGAURANGA - SH1 Nth Bound Lanes	688	703	701	703	697	766	586	668	769	740	671	733	682
4	ID:05800009	Pauatahanui East	656	641		659	630	707	666	619	738	668	551	560	507
4	ID:00210979	NGAURANGA - SH2 Sth Bound Lanes	706	700			870	963	824	800	891	883	810	872	876
4	ID:00220979	NGAURANGA - SH2 Nth Bound Lanes	722	708	755	780	756	865	567	694	778	762	692	757	738
4	ID:00210965	KELSON - SB	661	634	648	672	646	754	672	643	777	760	699	723	619
4	ID:00220965	KELSON - NB	558	548	555	587	562	646	600	546	663	699	669	679	583
4	ID:00600122	STOKE - Whakatu Drive at Songer St	1038	1141	1239	1252	1167	1349	1168	1291	1355	1415	1273	1347	1181
4	ID:00600232	MURCHISON	224		237	258	293	320	314		349	328	310	260	189
4	ID:00600100	HIRA	408		440		430	501	453	495	533	522	479	478	428
4	ID:06000040	SH60 Riwaka	172	145	165	176	193	254	253	312	308	291	261	219	152
4	ID:01S00037	Blenheim	506		531	577	589	649	580	637	669		714	616	489
4	ID:06300096	ST ARNAUD	29		30	32	39	41	38	41	46	43	39	33	
5	ID:01S00389	DUNSANDEL	1190	1245	1227	1434	1496	1627	1562	1554	1632	1554	1484	1453	1202
5	ID:01S00505	EVANS St Timaru	1227	1163	1306	1356	1561	1706	1485	1494	1638	1619	1539	1537	1240
5	ID:07300064	Springfield - West of Township	150	116	162	180	192	215	202	241	216	196	191	184	140
5	ID:01S00144	KAIKOURA - Nth of Hapuku River	421	422	429	473	480	534	478	538	559	532	486	486	439
5	ID:01S00522	ST ANDREWS	716	672	758	884	926	975	912	963	1006	985	952	930	716
5	ID:00700108	LEWIS PASS	158	141	152	166	191	193	192	237	215	201	193	175	
5	ID:07409005	QE II Drive East Of Main Nth Rd	792			629	592	707	611	557		592	500		
5	ID:01S00285	WAIPARA - (WIM Site)	1020	959	986	1191	1219	1344	1271	1377	1413	1273		1134	933
5	ID:01S10327	WAIMAKARIRI BRIDGE - SB	1140	1017	1074	1256	1274	1406	1238	1271	1419	1386	1316	1384	1188
5	ID:01S20327	WAIMAKARIRI BRIDGE - NB	1088	942	997	1150	1156	1289	1203	1135	1287	1264	1208	1241	1061
5	ID:00800059	FAIRLIE	171	149	168	199	224	276	303	336	318	302	318	202	162
5	ID:00600454	CHESTERFIELD	200	188	230	324	373	397	377	378	380	342	325	284	188
5	ID:00700239	AHAURA					205	235			195	195	178	148	135
5	ID:00600398	PUNAKAIKI - Just Nth of Canoe Creek	57	57	72	90	101	113	105	110	118	109	103	72	57
6	ID:00800336	ALEXANDRA - Sth Near Butchers Dam	159	150	167	186	195	209	236	273	257	239	224	202	159
6	ID:01S10713	BURNSIDE - Sth Bound	755	702	736	837	840	900	834	831	952	923	837	850	717
6	ID:01S20713	BURNSIDE - Nth Bound	590	532	570	659	670	710	643	664	742	729	641	658	545
6	ID:01S50713	BURNSIDE - On Ramp - Nth Bound	113	117	112	113	111	123	111	106	68	131	128	130	111
6	ID:01S60713	BURNSIDE - Off Ramp - Sth Bound	194	179	184	191	192	206	187	174	122	216	195	197	183
6	ID:01S40713	BURNSIDE - Off Ramp - Nth Bound	126	112	113	124	129	146	140	129	155	158	148	140	121
6	ID:01S40714	Burnside - Nth Bound Off Ramp	66	64	64	71	70	71	64	64	79	75	70	74	67
6	ID:01S00765	MILTON	621	556	599	786	868	928	890	915	953	921	836	807	614
6	ID:06A00001	FRANKTON	695	756	792	813	817	939	957	1127	1386	987	892	746	663
6	ID:08500161	GALLOWAY	110	95	105	114	111	126	127	148	152	144	135	128	99
6	ID:08800004	RAVENSBOURNE	424	354	389	454	465	555	487	491	549	513	490	500	406
6	ID:01S00921	INVERCARGILL	339	325	374	375	366	395	343	304	376	383	336	374	365
6	ID:00601147	WINTON	361	324	409	454	442	434	476	453	518	515	471	428	347
6	ID:00601082	FIVE RIVERS	122	106	127	143	170	227	238	249	246	227	207	161	127
6	ID:01S00854	GORE	365	340	405	478	533	573	560	554	628	596	540	507	372
6	ID:09400141	TE ANAU	65	48	66	81	104	160	156	175	172	161	156	79	61