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## Vehicle speeds in South Australia 2012

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## ABSTRACT

A systematic and ongoing method of measuring vehicle speeds was introduced in South Australia in 2007 in order to assess the effects of speed reduction countermeasures and to monitor the speed behaviour of South Australian motorists over time. This Report summarises the data collected in 2012 and makes comparisons with previous surveys and partial surveys dating back to 2002. Low speed roads showed a marked reduction in mean speed following the introduction of the default 50 km/h speed limit in 2003 and for some years after. Mean speeds on these roads generally went up from 2005 to 2007 but down again in 2008. Mean speeds on these roads remained relatively unchanged between 2008 and 2009. The metropolitan roads showed a reduction in speeds between 2009 and 2010. No change was evident between 2010 and 2011. Mean speeds on metropolitan local roads went down in 2012. The speeds of vehicles on high speed rural roads remained relatively unchanged between 2006 and 2011 with the exception of a small but statistically significant increase in the speeds of vehicles on 110 km/h roads between 2010 and 2011. Mean speeds on both 100 and 110 km/h roads decreased in 2012. It is not clear what the reasons for all of the observed speed changes are although the lowering of the police enforcement tolerance in 2008 and a large advertising campaign may have played some role in the speed changes between 2007 and 2008.

## KEYWORDS

Vehicle speed, Speed limit, Driver behaviour, Urban road, Rural road, Statistics.

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## Summary

A systematic and ongoing method of measuring vehicle speeds was introduced in South Australia in 2007 in order to assess the effects of speed reduction countermeasures and to monitor the speed behaviour of South Australian motorists over time.

This Report summarises the data collected in 2012 and makes comparisons with previous surveys and partial surveys dating back to 2002. The summary mean speeds by road type and survey year are shown in the following Table.

Summary mean speeds (km/h) by road type and survey year

Road type	2002	2003	2005	2006	2007	2008	2009	2010	2011	2012
Adelaide 50 km/h local**	46.90	<b>44.76*</b>	<b>43.34*</b>		<b>44.24*</b>	<b>43.75*</b>	44.10	<b>43.37*</b>	43.56	<b>43.14*</b>
Adelaide 50 km/h collector**	53.83	<b>51.52*</b>	<b>50.23*</b>		50.65	49.79	49.67	49.46	49.74	49.11
Adelaide 60 km/h arterial	58.37	<b>57.06*</b>	<b>56.36*</b>		56.76	<b>55.96*</b>	55.82	<b>55.53*</b>	55.43	55.52
Adelaide 80 km/h arterial					74.24	74.26	73.91	<b>72.82*</b>	72.22	72.74
Rural 50 km/h local**	44.52	44.34	<b>42.90*</b>		43.50	<b>42.65*</b>	41.87	42.15	42.71	42.28
Rural 60 km/h arterial				58.10	58.55	58.15	57.69	57.59	57.70	58.15
Rural hills 80 km/h arterial					78.50	76.59	77.15	77.41		76.87
Rural 100 km/h arterial				97.86	98.06	96.83	96.87	96.66	97.24	<b>96.38*</b>
Rural 110 km/h arterial				102.77	103.38	103.23	103.38	103.02	<b>103.64*</b>	<b>102.09*</b>

\* statistically significant change from previous survey ( $p < 0.05$ )

\*\* 50 km/h roads were zoned at 60 km/h in 2002

Low speed roads showed a marked reduction in mean speed following the introduction of the default 50 km/h speed limit in 2003 and for some years after. Mean speeds on these roads generally went up from 2005 to 2007 but down again in 2008. Mean speeds on these roads remained relatively unchanged between 2008 and 2009. The metropolitan roads showed a reduction in speeds between 2009 and 2010. No change was evident between 2010 and 2011. Mean speeds on metropolitan local roads went down in 2012.

The speeds of vehicles on high speed rural roads remained relatively unchanged between 2006 and 2011 with the exception of a small but statistically significant increase in the speeds of vehicles on 110 km/h roads between 2010 and 2011. Mean speeds on both 100 and 110 km/h roads decreased in 2012.

It is not clear what the reasons for all of the observed speed changes are although the lowering of the police enforcement tolerance in 2008 and a large advertising campaign may have played some role in the speed changes between 2007 and 2008.

Note that some incorrectly classified sites from previous years have been identified and corrected over time in this series of reports. This means the historical results presented here for some categories may differ slightly from those in previous reports in this series. The latest report in this series should always be taken as being most accurate.

# Contents

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- 1 Introduction..... 1
- 2 Methodology..... 2
  - 2.1 Site selection..... 2
  - 2.2 Data collected ..... 3
  - 2.3 Quantifying and testing speed changes..... 3
- 3 Speeds of all vehicles..... 7
  - 3.1 Adelaide 50 km/h local roads..... 7
  - 3.2 Adelaide 50 km/h collector roads..... 7
  - 3.3 Adelaide 60 km/h arterial roads ..... 8
  - 3.4 Adelaide 80 km/h arterial roads ..... 9
  - 3.5 Rural 50 km/h local roads ..... 9
  - 3.6 Rural 60 km/h arterial roads..... 10
  - 3.7 Rural hills 80 km/h arterial roads ..... 11
  - 3.8 Rural 100 km/h arterial roads..... 11
  - 3.9 Rural 110 km/h arterial roads..... 12
  - 3.10 Summary of changes in mean speed ..... 13
- 4 Speeds of free speed vehicles ..... 15
  - 4.1 Adelaide 50 km/h local roads..... 15
  - 4.2 Adelaide 50 km/h collector roads..... 16
  - 4.3 Adelaide 60 km/h arterial roads ..... 16
  - 4.4 Adelaide 80 km/h arterial roads ..... 17
  - 4.5 Rural 50 km/h local roads ..... 18
  - 4.6 Rural 60 km/h arterial roads..... 18
  - 4.7 Rural hills 80 km/h arterial roads ..... 19
  - 4.8 Rural 100 km/h arterial roads..... 20
  - 4.9 Rural 110 km/h arterial roads..... 20
- 5 Discussion ..... 22
  - 5.1 Changes in speed on low speed roads..... 22
  - 5.2 Changes in speed on 80 km/h roads ..... 22
  - 5.3 Changes in speed on high speed rural roads ..... 22
  - 5.4 Free speed results ..... 22
  - 5.5 Number of sites..... 23
  - 5.6 Identification of survey sites..... 23
  - 5.7 Possible reasons for speed changes ..... 23
- Acknowledgements..... 25
- References ..... 26
- Appendix A - Site locations..... 27
- Appendix B - Detailed site results..... 32

# 1 Introduction

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Speed is an important determinant of crash incidence and outcome and numerous initiatives are being implemented in South Australia with the aim of reducing the speeds of vehicles. A systematic and ongoing method of measuring vehicle speeds in South Australia is required to assess the effects of speed reduction countermeasures and to monitor the speed behaviour of motorists over time.

The Department of Planning, Transport and Infrastructure has, for a number of years, contracted CASR to oversee and analyse speed data from a selection of sites in South Australia. The first full set of measurements was taken in 2007 and are reported in Kloeden and Woolley (2009). Follow up surveys were conducted in 2008, 2009, 2010 and 2011 (Kloeden and Woolley, 2010; Kloeden and Woolley, 2012; Kloeden and Woolley, 2012a; Kloeden and Woolley, 2012b).

This Report summarises the data collected in 2012 and compares it with previous surveys and partial surveys dating back to 2002.

## 2 Methodology

### 2.1 Site selection

Table 2.1 shows the number of sites surveyed in each year by road type. Table 2.2 shows the number of site/direction combinations that were successfully surveyed in each year by road type. The individual site locations are listed in Appendix A and the site/direction identifiers and the individual site results are listed in Appendix B.

Table 2.1  
Number of speed survey sites by road type and survey year

Road type (speed limit)	2002 1 day	2003 1 day	2005 1 day	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
Adelaide local (50)*	18	18	18	-	18	18	18	18	17	17
Adelaide collector (50)*	11	11	11	-	11	10	11	11	11	11
Adelaide arterial (60)	10	10	10	-	27	27	27	27	24	21
Adelaide arterial (80)	-	-	-	-	6	6	6	6	5	4
Rural local (50)*	12	12	12	-	13	13	13	12	10	12
Rural arterial (60)	-	-	-	5	5	5	5	5	5	5
Rural hills arterial (80)	-	-	-	-	4	6	6	6	-	6
Rural arterial (100)	-	-	-	5	9	9	10	10	10	13
Rural arterial (110)	-	-	-	9	36	35	34	35	34	34
Total	51	51	51	19	129	129	130	130	116	123

\* these roads were 60 km/h in 2002

Table 2.2  
Number of speed survey measurements by road type and survey year

Road type (speed limit)	2002 1 day	2003 1 day	2005 1 day	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
Adelaide local (50)*	35	35	35	-	35	35	34	34	33	33
Adelaide collector (50)*	22	22	22	-	22	20	22	22	22	22
Adelaide arterial (60)	20	20	20	-	54	54	53	54	47	41
Adelaide arterial (80)	-	-	-	-	12	12	12	12	10	8
Rural local (50)*	23	23	23	-	25	25	25	23	20	24
Rural arterial (60)	-	-	-	10	10	10	10	10	10	10
Rural hills arterial (80)	-	-	-	-	8	12	12	12	-	12
Rural arterial (100)	-	-	-	10	18	18	20	20	20	26
Rural arterial (110)	-	-	-	18	72	70	68	70	68	68
Total	100	100	100	38	256	256	256	257	230	244

\* these roads were 60 km/h in 2002

The 2002-2005 sites were those used in the evaluation of the introduction of the default 50 km/h speed limit (Kloeden, Woolley and McLean; 2004, 2006). These sites were surveyed by a contractor for one day each in 2002, 2003 and 2005. These sites were surveyed by a contractor again in 2007, 2008, 2009, 2010, 2011 and 2012 for a full week mostly in November. Some of these sites had to be remeasured after November due to equipment malfunctions.

Additional sites were surveyed in 2007 for a full week mostly in August or November (see Appendix A for site sample months). Some of these sites were also sampled for a week in 2006.

Some sites had their sample location moved or had their layout changed and so were given a new site ID and considered to be a new site to reflect the fact that speeds were not comparable before and after the change (details are given in Appendix A).

## 2.2 Data collected

The data was collected in most cases using a standard traffic counter box and surface tubes that were set up by either a contractor or DPTI personnel. At some sites, induction loops were used for measurements. The following information was recorded for each vehicle that passed during each survey period:

- date
- time (to nearest second)
- direction of travel
- speed (to nearest 0.1 km/h)
- wheelbase (to nearest 0.1 m)
- headway (to nearest 0.1 second)
- gap (to nearest 0.1 second)
- number of axles
- class of vehicle (based on number of axles and wheel bases)

The aim was to capture data at each site for a continuous one week period either in August or November depending on the site. Due to equipment malfunctions, some of the time periods had to be extended to capture a full week of valid data.

Due to limitations of the equipment, multilane arterial roads with medians only had their median lanes measured and multilane arterial roads without medians only had their kerbside lanes measured.

## 2.3 Quantifying and testing speed changes

The methodology used in a previous report (Kloeden and Woolley, 2010) only compared sites with measurements in both 2007 and 2008. By extension, this methodology in the current situation would only consider sites with measurements in 2007, 2008, 2009, 2010, 2011 and 2012. This means that sites will drop out and there is no provision for adding new sites to the survey sample over time.

However, by concentrating on the changes between one survey and the next rather than on absolute values, sites can come in and out of the survey set. This methodology was introduced in the analysis of the 2009 survey year data (Kloeden and Woolley, 2012).

In practice, this means that adjacent pairs of surveys are compared for changes in speed measurements. For example, to determine the change in mean speed between the 2007 survey and the 2008 survey, the mean speeds would be compared for all sites with successful measurements in both 2007 and 2008. Then to determine the change in mean speed between the 2008 survey and the 2009 survey, the mean speeds would be compared for all sites with successful measurements in both 2008 and 2009 and so on. This also allows surveys previous to 2007 to be directly compared even though only a subset of sites were previously sampled.

This method has the advantage of using more of the available data for determining changes, is tolerant of sites dropping out and allows new sites to be added to the analysis over time (thus increasing the power of detecting speed changes). It does make the assumption that changes in the

speed measurements are not dependant on particular site characteristics but given that we are searching for an overall trend in speed change it is probably reasonable to assume this.

Previous to the 2009 survey year analysis, the changes in speed measurements were averaged and tested for statistical significance using a matched pair T-test. Upon further reflection on the data collected, a more appropriate method of summarising and testing the results was identified (Kloeden and Woolley, 2012).

It is apparent in the data collected that some sites (particularly high volume sites) have a very stable speed distribution while other sites (particularly low volume sites) have a speed distribution that is highly variable from one survey to the next. Also, while sites that exhibit large changes in speed between surveys for an identified reason (such as road works) are eliminated from the analysis, sites with such a large change for no identified reason are left in. This means that the survey to survey variations are not normally distributed across the sites (normality is an assumption of the matched pair T-test).

The Wilcoxon signed rank test is a more appropriate test for this kind of data as it does not assume a normal distribution of differences and it is much more tolerant to spurious outlying data. It also tests the median of the differences rather than the average of the differences so the estimated median change also has more protection against spurious outlying data than the average change.

As a concrete example of this method being applied consider the data for the mean speeds of Adelaide 50 km/h collector roads shown in Table 2.3. Site CM05 underwent road works in 2008 that fundamentally changed its speed distribution and so the data for 2008 was dropped and it was given a new site ID from 2009 onwards.

Table 2.3  
Adelaide 50 km/h collector road results for each site in each direction of travel - mean speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week
CM01E	50.401	48.838	47.391	49.709	49.250	48.163	47.629	48.996
CM01W	50.046	49.765	48.614	50.685	50.457	48.647	48.471	50.333
CM02N	44.079	48.718	47.043	46.972	45.118	47.916	46.233	45.530
CM02S	43.032	46.746	44.616	45.268	44.066	45.507	48.618	46.584
CM03N	61.407	54.746	53.490	53.794	54.404	53.284	51.818	52.106
CM03S	58.168	53.374	52.042	51.378	51.545	52.830	50.463	51.975
CM04E	58.949	56.384	54.073	50.943	50.849	51.646	52.807	53.270
CM04W	59.190	59.244	54.245	52.658	52.460	50.643	54.854	56.651
CM05E	52.787	50.485	48.876	51.335	50.895			
CM05W	52.038	49.730	49.300	50.612	50.295			
CM06E	53.411	50.440	49.458	51.028	51.108	50.795	50.745	50.496
CM06W	62.298	55.323	50.895	51.333	51.421	51.816	51.761	51.490
CM07N	58.557	53.825	54.086	54.242	53.869	53.919	53.521	51.910
CM07S	58.579	57.034	56.988	55.049	55.122	53.459	53.706	51.692
CM08E	55.681	51.745	49.493	50.228	50.031	49.363	48.185	49.618
CM08W	54.655	51.853	49.154	49.412	49.599	48.981	47.486	48.957
CM09N	49.746	46.679	45.807	47.361	47.174	46.197	45.743	45.453
CM09S	47.963	47.761	46.680	47.087	47.395	46.640	46.020	46.316
CM10N	51.953	50.818	49.260	49.510	49.260	47.784	47.951	47.781
CM10S	51.404	51.132	50.121	50.065	49.945	47.842	49.013	49.012
CM11E	56.261	52.128	51.675	53.964	53.785	51.797	53.019	51.676
CM11W	51.644	52.297	52.055	53.663	53.393	52.086	52.323	51.821
CM12E							44.382	41.704
CM12W							44.962	42.351
Column median					50.653			



The differences for each site/direction combination from one survey to the next survey are calculated and are shown in Table 2.4. For the 2005-2007 comparison, the one day of data in 2005 is compared with a single comparable day of data in 2007.

Table 2.4  
Adelaide 50 km/h collector road results for each site in each direction of travel - mean speed changes (km/h)

Location ID	2002-2003	2003-2005	2005-2007*	2007-2008	2008-2009	2009-2010
CM01E	-1.562	-1.447	2.318	-1.087	-0.534	1.367
CM01W	-0.281	-1.152	2.071	-1.810	-0.176	1.862
CM02N	4.639	-1.674	-0.071	2.798	-1.683	-0.703
CM02S	3.714	-2.130	0.652	1.441	3.111	-2.034
CM03N	-6.660	-1.256	0.304	-1.121	-1.465	0.288
CM03S	-4.794	-1.332	-0.664	1.285	-2.367	1.512
CM04E	-2.566	-2.311	-3.130	0.797	1.161	0.463
CM04W	0.054	-4.999	-1.587	-1.817	4.210	1.798
CM05E	-2.301	-1.609	2.459			
CM05W	-2.308	-0.431	1.313			
CM06E	-2.971	-0.983	1.571	-0.313	-0.050	-0.249
CM06W	-6.974	-4.429	0.438	0.395	-0.054	-0.272
CM07N	-4.732	0.261	0.155	0.050	-0.398	-1.611
CM07S	-1.545	-0.046	-1.939	-1.663	0.247	-2.015
CM08E	-3.937	-2.252	0.735	-0.669	-1.178	1.433
CM08W	-2.802	-2.699	0.258	-0.618	-1.495	1.470
CM09N	-3.067	-0.872	1.554	-0.978	-0.454	-0.289
CM09S	-0.203	-1.081	0.407	-0.755	-0.620	0.296
CM10N	-1.135	-1.559	0.250	-1.477	0.168	-0.170
CM10S	-0.272	-1.012	-0.056	-2.103	1.171	0.000
CM11E	-4.133	-0.453	2.289	-1.987	1.221	-1.342
CM11W	0.653	-0.242	1.608	-1.307	0.237	-0.502
CM12E						-2.678
CM12W						-2.611
Column median	-2.305	-1.294	0.422	-0.866	-0.115	-0.209
Significance**	0.003	0.000	0.054	0.064	0.596	0.588

\* change from 2005 (1 day) to 2007 (1 day)

\*\* tested using Wilcoxon signed rank test

The difference columns in Table 2.4 are then tested using the Wilcoxon signed rank test with the significance row giving the statistical significance value (two tailed exact calculation) which indicates the probability of the observed or larger change in either direction occurring by chance if there really is no difference. For the present purposes any significance level below 0.05 is considered as being statistically significant. The “column median” row gives the median of the known changes and is taken as the estimate of the change from one survey to the next.

This gives a complete picture of the changes between surveys but it is also desirable to express the results in terms of absolute speed values. This is done by taking the median value of all the 2007 known results (bottom row of Table 2.3) and using this as a reference against which the calculated changes are applied giving the results shown in Table 2.5. The median is used rather than the mean to avoid extreme sites (either high or low speed sites) having a large effect on the reference speed.

Table 2.5  
Adelaide 50 km/h collector road results for each site in each direction of travel - mean speed (km/h)

	2002	2003	2005	2007	2008	2009	2010
Starting point				50.653			
Change from previous survey		-2.305*	-1.294*	0.422	-0.866	-0.115	-0.209
Calculated summary	53.829	51.524	50.230	50.653	49.787	49.671	49.462

\* statistically significant (p < 0.05)

This method was applied to all the speed measurements for all the site types. Summaries of the results are given in Section 3 and detailed results are given in Appendix B.

## 3 Speeds of all vehicles

This Section compares the speeds of all vehicles collected in the various surveys on the different road types. The speed changes and summary speed values are calculated as per Section 2.3. Full results are presented in Appendix B.

### 3.1 Adelaide 50 km/h local roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.1 and the changes from one survey to the next in Table 3.2.

Table 3.1  
Adelaide 50 km/h local road speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	46.90	44.76	43.34	44.24	43.75	44.10	43.37	43.56	43.14
Median speed	48.55	45.94	44.34	45.40	44.70	45.10	44.35	44.75	44.45
85th percentile speed	57.15	54.29	53.05	53.50	52.80	52.80	52.10	52.40	52.00
% above 50 km/h	34.22	26.22	23.74	24.65	22.47	23.23	21.35	22.88	22.19
% above 55 km/h	20.30	12.62	11.36	11.95	11.28	11.39	10.49	11.12	10.55
% above 60 km/h	9.69	5.72	5.01	5.01	4.77	4.75	4.40	4.40	4.27
% above 65 km/h	3.18	1.93	1.78	1.78	1.72	1.62	1.42	1.45	1.44

Note: these roads were 60 km/h in 2002

Table 3.2  
Adelaide 50 km/h local road speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	-2.14*	-1.42*	0.91*	-0.50*	0.35	-0.73*	0.19	-0.42*
Median speed	-2.61*	-1.60*	1.06*	-0.70	0.40	-0.75*	0.40	-0.30*
85th percentile speed	-2.86*	-1.24*	0.45	-0.70	0.00	-0.70*	0.30	-0.40*
% above 50 km/h	-7.99*	-2.48	0.91	-2.18*	0.76	-1.89*	1.53*	-0.69*
% above 55 km/h	-7.68*	-1.26	0.60	-0.68*	0.11	-0.90*	0.64	-0.58*
% above 60 km/h	-3.97*	-0.71	0.00	-0.24	-0.02	-0.35*	0.00	-0.13
% above 65 km/h	-1.25*	-0.15	0.00	-0.06	-0.11*	-0.20*	0.03	-0.01

\* statistically significant change ( $p < 0.05$ )

### 3.2 Adelaide 50 km/h collector roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.3 and the changes from one survey to the next in Table 3.4.

Table 3.3  
Adelaide 50 km/h collector road speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	53.83	51.52	50.23	50.65	49.79	49.67	49.46	49.74	49.11
Median speed	54.24	51.51	50.35	50.80	49.95	50.05	50.00	50.30	49.55
85th percentile speed	61.06	59.09	57.26	57.90	57.00	56.55	56.50	56.95	56.00
% above 50 km/h	68.16	58.78	52.48	55.02	49.97	49.99	49.88	52.05	48.07
% above 55 km/h	43.85	30.00	24.12	25.84	23.04	22.88	22.12	22.97	20.15
% above 60 km/h	21.60	12.45	8.38	9.21	7.89	7.49	7.32	7.53	6.53
% above 65 km/h	6.48	4.20	2.86	2.94	2.34	2.32	2.08	2.02	1.68

Note: these roads were 60 km/h in 2002

Table 3.4  
Adelaide 50 km/h collector road speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	-2.30*	-1.29*	0.42	-0.87	-0.12	-0.21	0.28	-0.63
Median speed	-2.72*	-1.16*	0.45	-0.85	0.10	-0.05	0.30	-0.75*
85th percentile speed	-1.97*	-1.83*	0.64	-0.90	-0.45	-0.05	0.45	-0.95*
% above 50 km/h	-9.39*	-6.30*	2.54	-5.05*	0.02	-0.10	2.16	-3.98*
% above 55 km/h	-13.85*	-5.87*	1.72	-2.80*	-0.17	-0.76	0.85	-2.82*
% above 60 km/h	-9.15*	-4.07*	0.83	-1.32*	-0.40	-0.17	0.21	-1.00*
% above 65 km/h	-2.28*	-1.34*	0.07	-0.59*	-0.02	-0.24	-0.06	-0.34*

\* statistically significant change ( $p < 0.05$ )

### 3.3 Adelaide 60 km/h arterial roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.5 and the changes from one survey to the next in Table 3.6.

Table 3.5  
Adelaide 60 km/h arterial road speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	58.37	57.06	56.36	56.76	55.96	55.82	55.53	55.43	55.52
Median speed	58.74	57.87	57.08	57.45	56.65	56.45	56.15	56.15	56.15
85th percentile speed	63.54	62.80	61.81	62.15	61.30	61.00	60.60	60.60	60.40
% above 60 km/h	37.08	31.24	25.39	27.29	21.82	19.83	17.73	17.87	17.52
% above 65 km/h	9.55	6.91	4.97	5.64	3.95	3.53	3.05	3.08	2.80
% above 70 km/h	2.49	1.97	1.29	1.27	0.93	0.83	0.69	0.70	0.60
% above 75 km/h	1.04	0.84	0.46	0.43	0.34	0.31	0.27	0.26	0.21

Table 3.6  
Adelaide 60 km/h arterial road speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	-1.31*	-0.70*	0.40	-0.80*	-0.14	-0.29*	-0.10	0.10
Median speed	-0.88*	-0.79*	0.38	-0.80*	-0.20	-0.30*	0.00	0.00
85th percentile speed	-0.74*	-0.99*	0.34	-0.85*	-0.30	-0.40*	0.00	-0.20
% above 60 km/h	-5.85*	-5.85*	1.90	-5.47*	-1.99	-2.10*	0.14	-0.35
% above 65 km/h	-2.64*	-1.93*	0.66	-1.69*	-0.42*	-0.49*	0.04	-0.28
% above 70 km/h	-0.51*	-0.68*	-0.02	-0.34*	-0.10*	-0.14*	0.01	-0.10
% above 75 km/h	-0.20*	-0.38*	-0.03	-0.09*	-0.03*	-0.04*	-0.01	-0.04

\* statistically significant change ( $p < 0.05$ )

### 3.4 Adelaide 80 km/h arterial roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.7 and the changes from one survey to the next in Table 3.8.

Table 3.7  
Adelaide 80 km/h arterial road speed results by survey

Speed measurement	2007	2008	2009	2010	2011	2012
Mean speed	74.24	74.26	73.91	72.82	72.22	72.74
Median speed	74.65	74.85	74.10	73.05	72.40	72.65
85th percentile speed	81.50	81.60	80.70	79.50	79.20	79.50
% above 80 km/h	20.74	21.45	17.40	12.56	12.11	13.25
% above 85 km/h	5.89	6.21	4.81	3.15	3.15	3.81
% above 90 km/h	1.72	1.83	1.46	0.97	0.96	1.09
% above 95 km/h	0.65	0.69	0.57	0.37	0.34	0.39

Table 3.8  
Adelaide 80 km/h arterial road speed changes between surveys

Speed measurement	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.03	-0.35	-1.10*	-0.60	0.52
Median speed	0.20	-0.75	-1.05*	-0.65	0.25
85th percentile speed	0.10	-0.90	-1.20*	-0.30	0.30
% above 80 km/h	0.71	-4.05	-4.84*	-0.45	1.13
% above 85 km/h	0.32	-1.40	-1.66*	0.00	0.65
% above 90 km/h	0.12	-0.37*	-0.50*	-0.01	0.13
% above 95 km/h	0.03	-0.11*	-0.20*	-0.03	0.06

\* statistically significant change ( $p < 0.05$ )

### 3.5 Rural 50 km/h local roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.9 and the changes from one survey to the next in Table 3.10.

Table 3.9  
Rural 50 km/h local road speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	44.52	44.34	42.90	43.50	42.65	41.87	42.15	42.71	42.28
Median speed	46.42	45.65	44.40	44.70	43.70	43.20	43.50	43.90	43.60
85th percentile speed	56.67	55.47	53.63	54.10	53.10	53.00	52.90	52.75	52.15
% above 50 km/h	37.07	35.68	30.81	31.38	28.66	28.59	29.54	29.66	28.49
% above 55 km/h	16.08	14.12	12.17	12.17	10.12	10.12	10.46	10.33	9.82
% above 60 km/h	6.44	5.62	4.47	4.47	3.32	3.32	3.32	3.33	2.83
% above 65 km/h	2.22	1.79	1.47	1.44	0.92	0.92	0.99	0.99	0.86

Note: these roads were 60 km/h in 2002

Table 3.10  
Rural 50 km/h local road speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	-0.17	-1.44*	0.60	-0.85*	-0.78	0.28	0.56	-0.43
Median speed	-0.77	-1.25*	0.30	-1.00*	-0.50	0.30	0.40	-0.30
85th percentile speed	-1.20	-1.84*	0.47	-1.00*	-0.10	-0.10	-0.15	-0.60
% above 50 km/h	-1.38	-4.87*	0.57	-2.72*	-0.07	0.95	0.12	-1.17*
% above 55 km/h	-1.96*	-1.95*	0.00	-2.04*	0.00	0.34	-0.13	-0.52
% above 60 km/h	-0.81*	-1.15*	0.00	-1.15*	0.00	0.00	0.01	-0.50*
% above 65 km/h	-0.43*	-0.33*	-0.02	-0.52*	0.00	0.07*	0.00	-0.13

\* statistically significant change ( $p < 0.05$ )

### 3.6 Rural 60 km/h arterial roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.11 and the changes from one survey to the next in Table 3.12.

Table 3.11  
Rural 60 km/h arterial road speed results by survey

Speed measurement	2006	2007	2008	2009	2010	2011	2012
Mean speed	58.10	58.55	58.15	57.69	57.59	57.70	58.15
Median speed	58.50	58.75	58.30	57.95	57.90	57.95	58.15
85th percentile speed	63.95	64.20	63.55	63.10	63.00	63.10	63.25
% above 60 km/h	38.42	39.37	36.12	33.78	33.59	33.80	35.88
% above 65 km/h	11.54	12.03	10.78	9.95	9.47	9.31	9.76
% above 70 km/h	3.12	3.25	2.89	2.61	2.37	2.18	2.32
% above 75 km/h	1.01	1.00	0.91	0.76	0.74	0.61	0.58

Table 3.12  
Rural 60 km/h arterial road speed changes between surveys

Speed measurement	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.45	-0.40	-0.46	-0.10	0.11	0.45
Median speed	0.25	-0.45	-0.35	-0.05	0.05	0.20
85th percentile speed	0.25	-0.65	-0.45	-0.10	0.10	0.15
% above 60 km/h	0.96	-3.25	-2.34	-0.20	0.21	2.08
% above 65 km/h	0.48	-1.25	-0.83	-0.47	-0.17	0.46
% above 70 km/h	0.14	-0.36	-0.28	-0.24	-0.19	0.14
% above 75 km/h	-0.01	-0.09	-0.15	-0.02	-0.14*	-0.02

\* statistically significant change ( $p < 0.05$ )

### 3.7 Rural hills 80 km/h arterial roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.13 and the changes from one survey to the next in Table 3.14. Note that there were problems with a new contractor identifying the correct locations for these sites so no data is available for 2011 so 2012 data is compared to data from 2010.

Table 3.13  
Rural hills 80 km/h arterial road speed results by survey

Speed measurement	2007	2008	2009	2010	2012
Mean speed	78.50	76.59	77.15	77.41	76.87
Median speed	78.30	76.60	77.20	77.35	77.05
85th percentile speed	87.05	84.75	85.30	85.20	84.30
% above 80 km/h	40.80	34.41	36.99	37.49	35.68
% above 85 km/h	20.59	18.71	19.49	19.54	17.39
% above 90 km/h	9.70	8.98	9.80	9.92	8.49
% above 95 km/h	4.74	4.15	4.75	4.63	3.16

Table 3.14  
Rural hills 80 km/h arterial road speed changes between surveys

Speed measurement	2007-2008	2008-2009	2009-2010	2010-2012
Mean speed	-1.91	0.56	0.27	-0.55
Median speed	-1.70	0.60	0.15	-0.30
85th percentile speed	-2.30	0.55	-0.10	-0.90
% above 80 km/h	-6.39	2.59	0.50	-1.81
% above 85 km/h	-1.89	0.78	0.05	-2.15
% above 90 km/h	-0.72	0.82	0.11	-1.43
% above 95 km/h	-0.60	0.60	-0.12	-1.47*

\* statistically significant change ( $p < 0.05$ )

### 3.8 Rural 100 km/h arterial roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.15 and the changes from one survey to the next in Table 3.16. Note that some incorrectly classified sites from previous years were identified and corrected in the 2011 analysis (Kloeden and Woolley, 2012b). This means the historical results presented here differ slightly from those in older reports in this series.

Table 3.15  
Rural 100 km/h arterial road speed results by survey

Speed measurement	2006	2007	2008	2009	2010	2011	2012
Mean speed	97.86	98.06	96.83	96.87	96.66	97.24	96.38
Median speed	98.55	99.15	98.10	98.10	97.75	98.25	97.40
85th percentile speed	107.85	108.15	106.80	106.35	106.20	106.40	105.45
% above 100 km/h	44.29	46.22	42.29	41.84	41.11	43.76	39.28
% above 105 km/h	23.63	24.02	20.56	20.12	19.54	20.48	16.60
% above 110 km/h	11.19	11.34	9.81	9.49	8.91	9.29	7.59
% above 115 km/h	5.27	5.16	4.63	4.63	4.43	4.55	3.69

Table 3.16  
Rural 100 km/h arterial road speed changes between surveys

Speed measurement	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.19	-1.23	0.04	-0.21	0.58	-0.86*
Median speed	0.60	-1.05*	0.00	-0.35	0.50	-0.85*
85th percentile speed	0.30	-1.35*	-0.45	-0.15	0.20	-0.95*
% above 100 km/h	1.94	-3.93*	-0.45	-0.73	2.65	-4.48*
% above 105 km/h	0.39	-3.46*	-0.44	-0.59	0.95	-3.89*
% above 110 km/h	0.14	-1.53*	-0.31	-0.58	0.38	-1.70*
% above 115 km/h	-0.10	-0.53*	0.00	-0.20	0.12	-0.87*

\* statistically significant change ( $p < 0.05$ )

### 3.9 Rural 110 km/h arterial roads

The summary speed measurements for all vehicles passing the measured sites for all the surveys are presented in Table 3.17 and the changes from one survey to the next in Table 3.18. Note that some incorrectly classified sites from previous years were identified and corrected in the 2011 analysis (Kloeden and Woolley, 2012b). This means the historical results presented here differ slightly from those in older reports in this series.

Table 3.17  
Rural 110 km/h arterial road speed results by survey

Speed measurement	2006	2007	2008	2009	2010	2011	2012
Mean speed	102.77	103.38	103.23	103.38	103.02	103.64	102.09
Median speed	103.85	104.45	104.40	104.55	104.15	104.80	103.30
85th percentile speed	113.50	114.00	113.70	113.60	113.20	113.50	111.45
% above 110 km/h	26.77	28.05	27.37	27.61	26.16	26.86	20.96
% above 115 km/h	12.39	12.62	11.87	11.92	11.25	11.70	8.64
% above 120 km/h	4.59	4.49	3.96	3.82	3.50	3.79	2.70
% above 125 km/h	1.46	1.75	1.59	1.54	1.44	1.59	1.02

Table 3.18  
Rural 110 km/h arterial road speed changes between surveys

Speed measurement	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.61	-0.14	0.15	-0.36	0.62*	-1.55*
Median speed	0.60	-0.05*	0.15	-0.40	0.65*	-1.50*
85th percentile speed	0.50	-0.30*	-0.10	-0.40*	0.30	-2.05*
% above 110 km/h	1.29	-0.69*	0.24	-1.45	0.70	-5.91*
% above 115 km/h	0.23	-0.75*	0.06	-0.67*	0.44	-3.06*
% above 120 km/h	-0.10	-0.53*	-0.13	-0.33*	0.30	-1.09*
% above 125 km/h	0.30	-0.16*	-0.05	-0.10*	0.16	-0.57*

\* statistically significant change ( $p < 0.05$ )



### 3.10 Summary of changes in mean speed

The changes in mean speed on the various road types are shown graphically in Figures 3.1-3.4 with solid lines representing a statistically significant change in mean speed and dashed lines indicating a change that was not statistically significant.

Figure 3.1  
Changes in mean speed for 50 km/h roads (60 km/h in 2002)

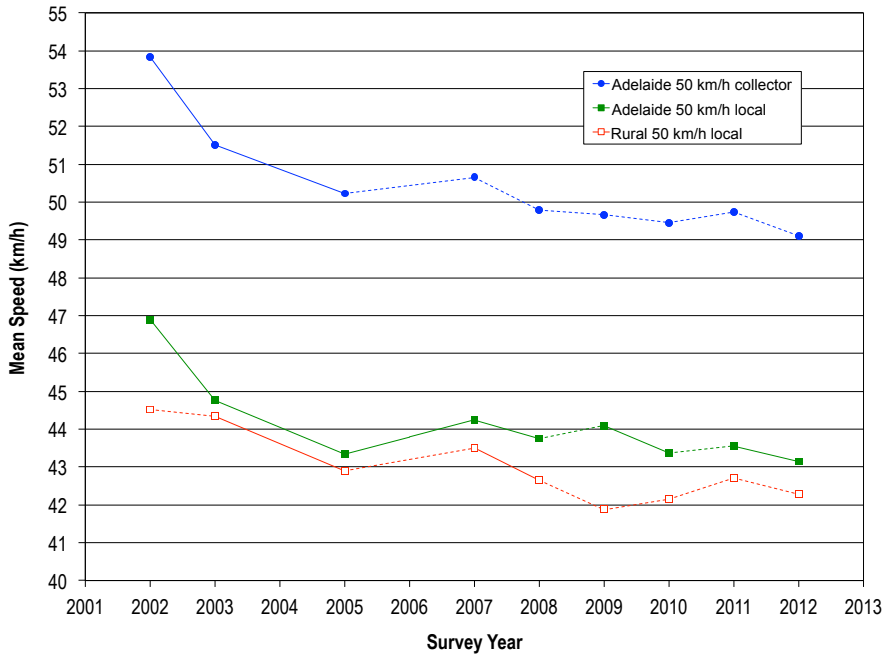


Figure 3.2  
Changes in mean speed for low speed roads

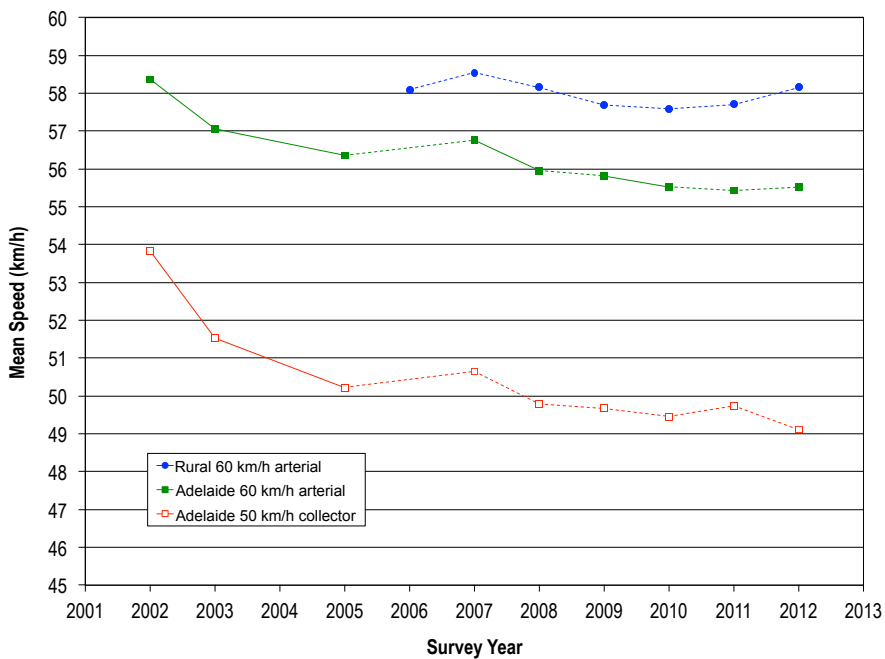


Figure 3.3  
Changes in mean speed for 80 km/h roads

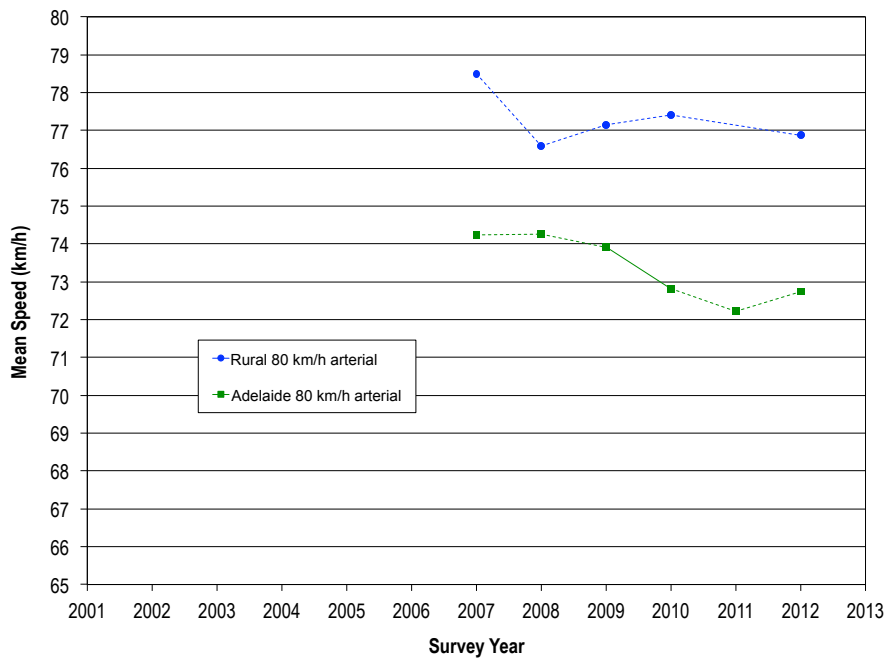
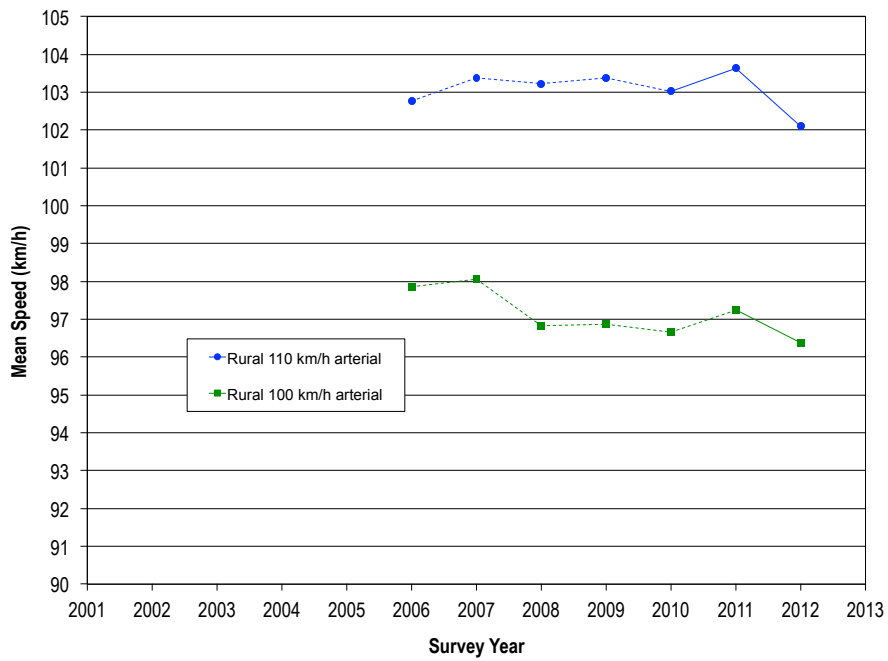


Figure 3.4  
Changes in mean speed for high speed roads



## 4 Speeds of free speed vehicles

This Section compares the speeds of all free speed vehicles collected in the various surveys on the different road types.

Free speed vehicles were defined as those that had at least a four second headway gap to the vehicle in front of them (ie the time between the front wheels of the two vehicles passing the measurement site was at least four seconds). The drivers of free speed vehicles presumably all make a choice of what speed to travel at unlike the drivers of vehicles in a platoon that are limited to the speed of the front vehicle. By examining just free speed vehicles, freely chosen speeds can be analysed.

The free speed changes and summary free speed values are calculated as per Section 2.3.

### 4.1 Adelaide 50 km/h local roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.1 and the changes from one survey to the next in Table 4.2.

Table 4.1  
Adelaide 50 km/h local road free speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	47.40	45.09	43.75	44.65	44.23	44.54	43.88	43.98	43.55
Median speed	48.58	45.97	44.37	45.50	44.90	45.15	44.35	44.75	44.55
85th percentile speed	58.10	55.00	53.76	54.20	53.80	53.80	53.15	53.45	53.15
% above 50 km/h	35.11	27.07	25.11	26.00	23.69	24.28	22.39	23.72	23.11
% above 55 km/h	21.17	13.97	12.78	13.27	12.69	12.75	11.78	12.27	11.79
% above 60 km/h	10.37	5.90	5.35	5.36	5.12	5.08	4.68	4.58	4.45
% above 65 km/h	3.05	1.87	1.82	1.82	1.76	1.63	1.48	1.57	1.56

Note: these roads were 60 km/h in 2002

Table 4.2  
Adelaide 50 km/h local road free speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	-2.31*	-1.33*	0.90*	-0.43*	0.32	-0.66*	0.10	-0.42*
Median speed	-2.61*	-1.60*	1.13*	-0.60*	0.25	-0.80*	0.40	-0.20*
85th percentile speed	-3.10*	-1.24*	0.44	-0.40	0.00	-0.65*	0.30	-0.30*
% above 50 km/h	-8.04*	-1.97	0.90	-2.32*	0.59	-1.88*	1.33*	-0.61*
% above 55 km/h	-7.20*	-1.19	0.48	-0.57*	0.05	-0.97*	0.49	-0.48*
% above 60 km/h	-4.47*	-0.54	0.01	-0.24	-0.04	-0.40*	-0.10	-0.14
% above 65 km/h	-1.17*	-0.06	0.00	-0.06	-0.13*	-0.15*	0.09	-0.01

\* statistically significant change ( $p < 0.05$ )

## 4.2 Adelaide 50 km/h collector roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.3 and the changes from one survey to the next in Table 4.4.

Table 4.3  
Adelaide 50 km/h collector road free speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	54.11	51.83	50.49	50.82	49.94	49.84	49.65	49.94	49.34
Median speed	54.31	51.70	50.60	50.90	50.10	50.10	50.05	50.30	49.55
85th percentile speed	60.96	58.83	57.19	57.95	57.15	56.70	56.50	56.90	56.00
% above 50 km/h	69.10	59.89	53.54	55.48	50.48	50.67	50.63	52.71	48.62
% above 55 km/h	43.60	30.66	24.29	26.21	23.19	22.94	22.29	23.10	20.17
% above 60 km/h	22.29	12.89	8.49	9.37	8.01	7.59	7.46	7.64	6.50
% above 65 km/h	6.75	4.47	3.05	3.05	2.43	2.43	2.18	2.11	1.75

Note: these roads were 60 km/h in 2002

Table 4.4  
Adelaide 50 km/h collector road free speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	-2.28*	-1.34*	0.32	-0.88	-0.10	-0.19	0.28	-0.60
Median speed	-2.62*	-1.09*	0.30	-0.80	0.00	-0.05	0.25	-0.75*
85th percentile speed	-2.14*	-1.64*	0.77	-0.80	-0.45	-0.20	0.40	-0.90*
% above 50 km/h	-9.21*	-6.35*	1.94	-5.00*	0.19	-0.04	2.08	-4.09*
% above 55 km/h	-12.94*	-6.37*	1.92	-3.02*	-0.25	-0.65	0.81	-2.93*
% above 60 km/h	-9.39*	-4.40*	0.88	-1.36*	-0.42	-0.13	0.18	-1.14*
% above 65 km/h	-2.27*	-1.43*	0.01	-0.63*	0.00	-0.25	-0.07	-0.36*

\* statistically significant change ( $p < 0.05$ )

## 4.3 Adelaide 60 km/h arterial roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.5 and the changes from one survey to the next in Table 4.6.

Table 4.5  
Adelaide 60 km/h arterial road free speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	58.55	57.59	56.92	57.35	56.61	56.40	56.08	56.14	56.24
Median speed	58.96	58.12	57.52	57.90	57.15	56.95	56.55	56.55	56.55
85th percentile speed	64.45	63.55	62.53	63.00	62.20	61.90	61.50	61.60	61.60
% above 60 km/h	41.02	35.01	30.83	33.20	28.77	26.47	24.20	24.48	24.49
% above 65 km/h	13.48	10.17	7.28	8.26	6.29	5.46	4.78	4.67	4.40
% above 70 km/h	4.05	3.10	2.01	2.06	1.56	1.40	1.18	1.18	1.02
% above 75 km/h	1.79	1.42	0.68	0.75	0.60	0.53	0.45	0.42	0.35

Table 4.6  
Adelaide 60 km/h arterial road free speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	-0.96*	-0.66*	0.42	-0.74*	-0.21	-0.32*	0.05	0.10
Median speed	-0.84*	-0.61*	0.38	-0.75*	-0.20	-0.40*	0.00	0.00
85th percentile speed	-0.90*	-1.02*	0.46	-0.80*	-0.30	-0.40*	0.10	0.00
% above 60 km/h	-6.01*	-4.18*	2.37	-4.44*	-2.30	-2.26*	0.28	0.01
% above 65 km/h	-3.31*	-2.89*	0.98	-1.97*	-0.83*	-0.67*	-0.12	-0.27
% above 70 km/h	-0.94*	-1.09*	0.05	-0.51*	-0.16*	-0.22*	-0.01	-0.16
% above 75 km/h	-0.37*	-0.74*	0.07	-0.15*	-0.07*	-0.08*	-0.03	-0.07

\* statistically significant change ( $p < 0.05$ )

## 4.4 Adelaide 80 km/h arterial roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.7 and the changes from one survey to the next in Table 4.8.

Table 4.7  
Adelaide 80 km/h arterial road free speed results by survey

Speed measurement	2007	2008	2009	2010	2011	2012
Mean speed	76.04	76.13	75.67	74.64	73.99	74.78
Median speed	76.35	76.45	75.65	74.70	74.00	74.70
85th percentile speed	83.05	83.35	82.40	81.30	81.25	81.80
% above 80 km/h	28.37	29.46	24.39	19.14	18.79	22.53
% above 85 km/h	9.33	10.21	8.42	6.19	6.11	7.16
% above 90 km/h	3.14	3.53	3.01	2.28	2.23	2.49
% above 95 km/h	1.28	1.39	1.20	0.87	0.82	0.93

Table 4.8  
Adelaide 80 km/h arterial road free speed changes between surveys

Speed measurement	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.09	-0.46	-1.03*	-0.66	0.79
Median speed	0.10	-0.80	-0.95*	-0.70	0.70
85th percentile speed	0.30	-0.95	-1.10*	-0.05	0.55
% above 80 km/h	1.08	-5.07	-5.25*	-0.34	3.73
% above 85 km/h	0.88	-1.79	-2.23*	-0.07	1.04
% above 90 km/h	0.39	-0.53*	-0.72*	-0.06	0.26
% above 95 km/h	0.11	-0.19*	-0.33*	-0.05	0.11

\* statistically significant change ( $p < 0.05$ )

## 4.5 Rural 50 km/h local roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.9 and the changes from one survey to the next in Table 4.10.

Table 4.9  
Rural 50 km/h local road free speed results by survey

Speed measurement	2002	2003	2005	2007	2008	2009	2010	2011	2012
Mean speed	44.07	44.41	42.97	43.51	42.67	42.02	42.25	42.59	42.35
Median speed	46.16	45.61	44.50	44.80	43.90	43.40	43.70	43.95	43.80
85th percentile speed	56.75	55.67	53.81	54.30	53.30	53.20	53.20	53.10	52.70
% above 50 km/h	37.38	36.17	31.36	31.41	28.69	28.69	29.42	29.53	28.32
% above 55 km/h	16.69	14.66	12.49	12.49	10.57	10.57	10.91	10.73	10.21
% above 60 km/h	6.54	5.70	4.62	4.62	3.26	3.26	3.26	3.26	2.78
% above 65 km/h	2.31	1.86	1.54	1.53	0.89	0.89	0.94	0.94	0.81

Note: these roads were 60 km/h in 2002

Table 4.10  
Rural 50 km/h local road free speed changes between surveys

Speed measurement	2002-2003	2003-2005	2005-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.34	-1.44*	0.54	-0.84*	-0.65	0.23	0.34	-0.24
Median speed	-0.55	-1.11*	0.30	-0.90*	-0.50	0.30	0.25	-0.15
85th percentile speed	-1.08	-1.86*	0.49	-1.00*	-0.10	0.00	-0.10	-0.40
% above 50 km/h	-1.22	-4.81*	0.05	-2.72*	0.00	0.73	0.12	-1.22*
% above 55 km/h	-2.04*	-2.17*	0.00	-1.92*	0.00	0.34	-0.18	-0.52
% above 60 km/h	-0.85*	-1.07*	0.00	-1.37*	0.00	0.00	0.00	-0.48*
% above 65 km/h	-0.45*	-0.32*	-0.01	-0.64*	0.00	0.05	0.00	-0.14

\* statistically significant change ( $p < 0.05$ )

## 4.6 Rural 60 km/h arterial roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.11 and the changes from one survey to the next in Table 4.12.

Table 4.11  
Rural 60 km/h arterial road free speed results by survey

Speed measurement	2006	2007	2008	2009	2010	2011	2012
Mean speed	58.31	58.77	58.37	57.88	57.77	57.88	58.27
Median speed	58.70	58.95	58.40	58.05	58.00	58.10	58.30
85th percentile speed	64.20	64.50	63.85	63.40	63.25	63.40	63.50
% above 60 km/h	39.94	41.07	37.89	35.51	35.38	35.57	37.24
% above 65 km/h	12.93	13.41	12.25	11.38	10.86	10.81	11.19
% above 70 km/h	3.61	3.74	3.35	3.01	2.76	2.53	2.72
% above 75 km/h	1.23	1.21	1.13	0.95	0.95	0.80	0.77

Table 4.12  
Rural 60 km/h arterial road free speed changes between surveys

Speed measurement	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.46	-0.40	-0.49	-0.11	0.11	0.39
Median speed	0.25	-0.55	-0.35	-0.05	0.10	0.20
85th percentile speed	0.30	-0.65	-0.45	-0.15	0.15	0.10
% above 60 km/h	1.14	-3.18	-2.38	-0.13	0.19	1.67
% above 65 km/h	0.48	-1.16	-0.87	-0.52	-0.05	0.38
% above 70 km/h	0.13	-0.39	-0.34	-0.25	-0.23	0.19
% above 75 km/h	-0.01	-0.09	-0.17	0.00	-0.15*	-0.03

\* statistically significant change ( $p < 0.05$ )

## 4.7 Rural hills 80 km/h arterial roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.13 and the changes from one survey to the next in Table 4.14. Note that there were problems with a new contractor identifying the correct locations for these sites so no data is available for 2011 so 2012 data is compared to data from 2010.

Table 4.13  
Rural hills 80 km/h arterial road free speed results by survey

Speed measurement	2007	2008	2009	2010	2012
Mean speed	79.53	77.69	78.40	78.72	78.10
Median speed	79.15	77.40	78.00	78.05	78.00
85th percentile speed	88.10	85.85	86.35	86.05	85.05
% above 80 km/h	45.06	38.24	40.83	41.06	40.39
% above 85 km/h	23.69	21.38	22.25	21.87	19.79
% above 90 km/h	11.46	10.55	11.67	11.60	10.05
% above 95 km/h	5.73	5.02	5.85	5.71	4.57

Table 4.14  
Rural hills 80 km/h arterial road free speed changes between surveys

Speed measurement	2007-2008	2008-2009	2009-2010	2010-2012
Mean speed	-1.84	0.71	0.32	-0.62
Median speed	-1.75	0.60	0.05	-0.05
85th percentile speed	-2.25	0.50	-0.30	-1.00
% above 80 km/h	-6.82	2.59	0.23	-0.68
% above 85 km/h	-2.32	0.87	-0.38	-2.07
% above 90 km/h	-0.91	1.12	-0.07	-1.55
% above 95 km/h	-0.71	0.83	-0.14	-1.14*

\* statistically significant change ( $p < 0.05$ )

## 4.8 Rural 100 km/h arterial roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.15 and the changes from one survey to the next in Table 4.16. Note that some incorrectly classified sites from previous years were identified and corrected in the 2011 analysis (Kloeden and Woolley, 2012b). This means the historical results presented here differ slightly from those in older reports in this series.

Table 4.15  
Rural 100 km/h arterial road free speed results by survey

Speed measurement	2006	2007	2008	2009	2010	2011	2012
Mean speed	98.18	98.41	97.21	97.30	97.05	97.64	96.80
Median speed	98.95	99.55	98.55	98.55	98.30	98.75	98.00
85th percentile speed	108.15	108.55	107.10	106.65	106.55	106.70	105.75
% above 100 km/h	45.42	47.53	42.90	42.38	41.47	43.87	39.43
% above 105 km/h	24.47	24.89	20.99	20.56	20.16	21.28	17.50
% above 110 km/h	11.74	11.98	10.36	10.01	9.36	9.76	8.20
% above 115 km/h	5.56	5.55	4.86	4.86	4.59	4.76	3.80

Table 4.16  
Rural 100 km/h arterial road free speed changes between surveys

Speed measurement	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.23	-1.20	0.10	-0.26	0.59	-0.84*
Median speed	0.60	-1.00*	0.00	-0.25	0.45	-0.75*
85th percentile speed	0.40	-1.45*	-0.45	-0.10	0.15	-0.95*
% above 100 km/h	2.11	-4.63*	-0.51	-0.91	2.40	-4.44*
% above 105 km/h	0.42	-3.90*	-0.44	-0.40	1.12	-3.79*
% above 110 km/h	0.24	-1.62*	-0.35	-0.65	0.40	-1.57*
% above 115 km/h	-0.01	-0.70	0.01	-0.27	0.16	-0.95*

\* statistically significant change ( $p < 0.05$ )

## 4.9 Rural 110 km/h arterial roads

The summary speed measurements for all free speed vehicles passing the measured sites for all the surveys are presented in Table 4.17 and the changes from one survey to the next in Table 4.18. Note that some incorrectly classified sites from previous years were identified and corrected in the 2011 analysis (Kloeden and Woolley, 2012b). This means the historical results presented here differ slightly from those in older reports in this series.

Table 4.17  
Rural 110 km/h arterial road free speed results by survey

Speed measurement	2006	2007	2008	2009	2010	2011	2012
Mean speed	103.19	103.82	103.55	103.55	103.22	103.79	102.22
Median speed	104.30	104.95	104.70	104.75	104.30	104.90	103.45
85th percentile speed	113.90	114.30	113.75	113.65	113.35	113.55	111.55
% above 110 km/h	28.67	29.83	28.74	28.78	27.55	28.11	21.63
% above 115 km/h	12.82	13.15	12.20	12.17	11.51	11.90	8.60
% above 120 km/h	4.99	4.89	4.29	4.11	3.82	4.05	2.93
% above 125 km/h	1.54	1.87	1.71	1.64	1.51	1.67	1.06



Table 4.18  
Rural 110 km/h arterial road free speed changes between surveys

Speed measurement	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Mean speed	0.63	-0.27	0.00	-0.33	0.57*	-1.56*
Median speed	0.65	-0.25*	0.05	-0.45	0.60*	-1.45*
85th percentile speed	0.40	-0.55*	-0.10	-0.30*	0.20	-2.00*
% above 110 km/h	1.15	-1.09*	0.04	-1.23	0.56	-6.48*
% above 115 km/h	0.32	-0.95*	-0.03	-0.67*	0.39	-3.30*
% above 120 km/h	-0.10	-0.60*	-0.18	-0.29*	0.24	-1.13*
% above 125 km/h	0.33	-0.16*	-0.06	-0.13*	0.15	-0.60*

\* statistically significant change ( $p < 0.05$ )

## 5 Discussion

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### 5.1 Changes in speed on low speed roads

All low speed (50 or 60 km/h) road types examined had speeds consistent with the same general pattern of changes in mean speed from 2002 to 2011:

- a marked reduction in speed after the default 50 km/h speed limit was introduced in 2003 with the reduction continuing to 2005
- a general increase in speed from 2005 to 2007
- a reduction in speed from 2007 to 2008
- more inconsistent but generally declining speeds from 2008 to 2012

### 5.2 Changes in speed on 80 km/h roads

While mean speed changes were observed on 80 km/h urban and rural roads, the changes were erratic and not statistically significant (apart from a drop between 2009-2010 for Adelaide 80 km/h roads). This is likely due to the small number of sites surveyed in each of these speed zones. Consideration needs to be given to increasing the number of sites in each of these categories to at least 10 if they are to provide a meaningful measure of changes in speed over time. Note that there were problems with a new contractor identifying the correct locations for the rural hills 80 km/h sites so no data is available for 2011 so 2012 data is compared to data from 2010.

### 5.3 Changes in speed on high speed rural roads

Rural 110 km/h roads exhibited a statistically significant increase in mean speeds between 2010 and 2011. However, no statistically significant changes were observed between any other survey periods.

Rural 100 km/h roads showed no statistically significant change in mean speeds over the 2006 to 2011 surveys.

### 5.4 Free speed results

Restricting the analyses to just free speed vehicles (those with a headway of at least four seconds) produced very similar results to those for all vehicles. While the free speed measurements were slightly higher than all speed measurements (as would be expected) the changes were very similar and the sets of changes that were statistically significance were almost identical.

Preference is given in this report for reporting the speeds of all vehicles rather than just free speed vehicles as it is felt that this better represents the total speed burden of all traffic. Free speeds are said to better capture driver intention changes. However, this is not strictly the case as only a biased proportion of drivers can be measured. It is conceivable that an increase in congestion in daytime traffic which does lower overall vehicle speeds could lead to an artefactual increase in free speeds due to faster night time traffic forming a larger part of the free speed vehicle category.

However, summary free speed vehicle tables are presented for comparison purposes and for use by those who require them.

## 5.5 Number of sites

Since the number of sites determines the power to detect speed changes, consideration should be given to increasing the number of sites for those road types with few sites: rural 60 km/h roads (5 sites); Adelaide 80 km/h roads (4 sites); and rural 80 km/h roads (6 sites). Alternatively, resources can be reallocated from these sites towards sites considered of greater importance.

## 5.6 Identification of survey sites

The original intention in conducting the surveys was to avoid widely publishing the location of the survey sites since the sites were supposed to be a representative sample of all roads in South Australia. If the sites were widely known they could potentially experience speed changes not reflective of all roads through drivers changing their speed behaviour or through the police carrying out extra enforcement on those roads identified as having high speeds.

However, after the publication of the survey results from the 2008 survey in March 2010 (Kloeden and Woolley, 2010), The Advertiser newspaper published a story on the speeds at individual site locations identifying them by the roads that the surveys were conducted on and highlighting the roads with high vehicle speeds.

This could have potentially lowered the speeds on some of the roads in a way that is not reflective of the speed changes of all roads in general. However, we believe that the effect of this is minimal due to the following factors:

- the road names were identified but not the actual location of the surveys on the roads
- there was a 5-8 month gap between the Advertiser story and the 2010 survey data collection
- the police have a very extensive procedure for determining which roads are to be enforced which probably would not have been greatly influenced by The Advertiser story

Given that the roads are now generally known, they are listed in Appendix B.

## 5.7 Possible reasons for speed changes

The introduction of the default 50 km/h speed limit clearly had the effect of lowering speeds on the affected roads as would be expected. However, a similar, but not as dramatic, change was also observed on roads that remained at 60 km/h. Speeds also continued to decline for a number of years after the default 50 km/h speed limit was introduced on 50 and 60 km/h roads. This suggests that the default 50 km/h speed limit had a general and compounding effect over a three year period from 2003 to 2005 on vehicle speeds. It appears that speeds rose again between 2005 and 2007 perhaps as media attention around speed diminished and speed stopped being an issue for drivers.

The drop in speeds from 2007 to 2008 may be related to an apparent lowering of the police enforcement tolerance around October 2007 whereby drivers passing through a road safety camera would be booked at a lower speed. This raised the number of offences being issued by a substantial amount and may have affected drivers' choice of speed in the 2008 survey as drivers became aware of the change. The "creeper" advertising (which encouraged drivers not to creep over the speed limit and was widespread) started in October 2008 and may have had some effects on driver speeds in 2008 and later years.

Although mean speeds did not significantly change between 2008 and 2009 for any of the road types examined, there were statistically significant reductions in the proportion of vehicles travelling above

65 km/h on both Adelaide 50 km/h local roads and Adelaide 60 km/h arterial roads. This may have been the tail end of the police tolerance and advertising campaign effects observed in 2008.

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The views expressed in this report are those of the authors and do not necessarily represent those of the University of Adelaide or the funding organisations.

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## Appendix A - Site locations

The locations of all the sample sites are shown in Tables A.1-A.9 along with the target month of the sample and notes about unusual sites. Some sites had their sample location moved or had their layout changed and so were given a new site ID to reflect the fact that speeds were not comparable before and after the change.

Table A.1  
Adelaide 50 km/h local road locations

Site ID	Location	Sample month	Notes
LM01	Bowyer Street, Rosewater	November	
LM02	Charles Road, Beverley	November	Made one way in 2009
LM03	Adelaide Street, Maylands	November	
LM04	Hambledon Road, Campbelltown	November	
LM05	Gilbertson Road, Seacliff Park	November	
LM06	Northcote Street, Kilburn	November	
LM07	Vincent Road, Smithfield Plains	November	
LM08	Andrew Avenue, Salisbury East	November	
LM09	North Esplanade, Glenelg North	November	
LM10	Olive Avenue, Broadview	November	
LM11	Commercial Street, Marleston	November	
LM12	Bermudez Crescent, Paralowie	November	
LM13	London Drive, Salisbury East	November	
LM14	Farrell Street, Glenelg South	November	
LM15	Main Street, Beverley	November	Road changed in 2011 - changed to LM19 from 2011 onwards
LM16	George Street, Adelaide	November	Unsuitable site - dropped from 2011 onwards
LM17	Archer Street, North Adelaide	November	
LM18	Coorara Avenue, Payneham South	November	
LM19	Main Street, Beverley	November	Same site as LM15 from 2011 onwards

Note: these roads were 60 km/h in 2002

Table A.2  
Adelaide 50 km/h collector road locations

Site ID	Location	Sample month	Notes
CM01	Claremont Avenue, Netherby	November	
CM02	Seaview Road, West Beach	November	
CM03	Barcelona Road, Noarlunga Downs	November	
CM04	Milan Terrace, Stirling	November	
CM05	Jetty Road, Largs Bay	November	Road changed in 2008 - changed to CM12 from 2009 onwards
CM06	Perry Barr Road, Hallett Cove	November	
CM07	Scenic Way, Hackham	November	
CM08	Valetta Road, Kidman Park	November	
CM09	Sydenham Road, Norwood	November	
CM10	Sixth Avenue, St Peters	November	
CM11	Bonython Avenue, Novar Gardens	November	
CM12	Jetty Road, Largs Bay	November	Same site as CM05 from 2009 onwards

Note: these roads were 60 km/h in 2002

Table A.3  
Adelaide 60 km/h arterial road locations

Site ID	Location	Sample month	Notes
AA01	Kenhans Road, Happy Valley	November	
AA02	Springbank Road, Clapham	November	
AA03	Fullarton Road, Kent Town	November	
AA04	Trimmer Parade, Findon	November	
AA05	Addison Road, Pennington	November	
AA06	Findon Road, Flinders Park	November	
AB01	Prospect Road, Blair Athol	November	Road works in 2011, 2012
AB02	Gorge Road, Newton	November	Road works in 2012
AB03	Stephen Terrace, St Peters	November	
AB04	Magill Road, Tranmere	November	No data 2012
AB05	Richmond Road, Keswick	November	Road works in 2012
AB06	Bower Road, Ethelton	November	Road works heading West in 2009, no data 2011
AC01	Goodwood Road, Cumberland Park	November	
AC02	Greenhill Road, Burnside	November	No data 2011
AC03	Morphett Road, Warradale	November	
AC04	Glen Osmond Road, Fullarton	November	
AC05	Payneham Road, Evandale	November	No data 2012
AC06	Torrens Road, Ridleyton	November	
AD01	Tapleys Hill Road, Fullham Gardens	November	
AD02	Montacute Road, Newton	November	
AD03	North East Road, Manningham	November	No data North in 2012
AD04	Sir Donald Bradman Drive, Brooklyn Park	November	
AD05	Salisbury Highway, Salisbury Downs	November	Road works heading North in 2011
AD06	Glynburn Road, Hectorville	November	No data 2012
AD07	Cross Road, Clarence Gardens	November	
AD08	Diagonal Road, Warradale	November	
AD09	Bridge Road, Para Hills	November	

Table A.4  
Adelaide 80 km/h arterial road locations

Site ID	Location	Sample month	Notes
AM01	Main North Road, Salisbury Park	November	
AM02	Tapleys Hill Road, West Beach	November	Unsuitable site - dropped from 2011 onwards
AM03	Panalatinga Road, Morphett Vale	November	
AM04	Grand Junction Road, Gilles Plains	November	Changed to 70 zone - drop from 2012 onwards
AM05	McIntyre Road, Modbury North	November	
AM06	Main South Road, O'Halloran Hill	November	



Table A.5  
Rural 50 km/h local road locations

Site ID	Location	Sample month	Notes
LR01	Conroe Drive, Mount Gambier	November	No data 2011
LR02	Reginald Street, Mount Gambier	November	
LR03	Stratford Street, Millicent	November	
LR04	Cedar Avenue, Naracoorte	November	
LR05	Hobbs Street, Berri	November	
LR06	Fiedler Street, Berri	November	No data 2011
LR07	Meander Avenue, Renmark	November	
LR08	Bruce Road, Barmera	November	
LR09	Parham Crescent, Port Augusta	November	
LR10	Woodforde Street, Port Augusta	November	
LR11	Bowman Street, Crystal Brook	November	
LR12	Thomas Street, Wallaroo	November	Unsuitable site - dropped from 2011 onwards
LR13	Templers Daveyston Road, Freeling	August	No data 2010
LR14			Actually 60 km/h - reclassified as CR05

Note: these roads were 60 km/h in 2002

Table A.6  
Rural 60 km/h arterial road locations

Site ID	Location	Sample month	Notes
CR01	Main North Road, Clare	August	
CR02	New West Road, Port Lincoln	August	
CR03	Jenkins Terrace, Naracoorte	August	
CR04	Waikerie Eastern Access, Waikerie	August	
CR05	Greenock Nuriootpa Road, Nuriootpa	August	Incorrectly classified as LR14 in old reports

Table A.7  
Rural hills 80 km/h arterial road locations

Site ID	Location	Sample month	Notes
AH01	Teatree Gully Mannum Road	November	No data 2011
AH02	Greenhill Road	November	No data 2011
AH03	Mt Barker Flaxley Road	November	No data 2011
AH04	Wellington Road	November	No data 2011
AH05	Fox Creek Road	November	New addition in 2008, No data 2011
AH06	Basket Range Road	November	New addition in 2008, No data 2011

Table A.8  
Rural 100 km/h arterial road locations

Site ID	Location	Sample month	Notes
AR01			Actually 110 km/h - reclassified as HR39
AR02	Blackwood Goolwa Road, Currency Creek	August	Site changed in 2010 - reclassified as AR14 from 2010 onwards
AR03	Belvidere Milang Road, Belvidere	August	
AR04	Lyndoch Chain of Ponds Road, Lyndoch	August	
AR05	Morgan Blanchetown Road, Morgan	August	
AR06	Corny Point Yorketown Road, Yorketown	August	
AR07	Victor Harbor Road, Victor Harbor	August	
AR08			Actually 80 km/h before 2009 - AR11 from 2009 onwards
AR09	Yorketown Road, Urania	August	
AR10	Yorke Valley Highway, Port Clinton	August	
AR11	Dukes Highway, Bordertown	August	Site moved in 2011 - reclassified as AR12 from 2011 onwards
AR12	Dukes Highway, Bordertown	August	New location for AR11 from 2011 onwards
AR13	Balaklava Blyth Road, Blyth	August	Incorrectly classified as HR30 in old reports
AR14	Blackwood Goolwa Road, Currency Creek	August	Was AR02 before 2010
AR15	Barrier Highway, Saddleworth	August	Was HR13 before 2012 (speed limit lowered in 2012)
AR16	Yorke Valley Highway, Pine Point	August	Was HR26 before 2012 (speed limit lowered in 2012)
AR17	Copper Coast Highway, Kulpara	August	Was HR08 before 2012 (speed limit lowered in 2012)

Table A.9  
Rural 110 km/h arterial road locations

Site ID	Location	Sample month	Notes
HR01	Berri Loxton Road, Berri	August	
HR02	Wilmington Ucolta Road, Orroroo	August	
HR03	Kimba Cleve Road, Kimba	August	
HR04	Riddoch Highway, Mosquito Creek	August	
HR05	Eyre Highway, Kimba	August	
HR06	Princes Highway, Reedy Creek	August	
HR07	Main North Road, Gladstone	August	
HR08	Copper Coast Highway, Kulpara	August	Speed limit lowered - AR17 from 2012 onwards
HR09	Stuart Highway, Port Augusta	August	
HR10	Lincoln Highway, Lincoln Gap	August	
HR11	Jubilee Highway East, Mount Gambier	August	
HR12	Princes Highway, Stirling North	August	
HR13	Barrier Highway, Saddleworth	August	Speed limit lowered - AR15 from 2012 onwards
HR14	Karoonda Road, Murray Bridge	August	Equipment malfunction in 2009
HR15	Riddoch Highway, Naracoorte	August	
HR16	Port Wakefield Road, Two Wells	August	No data 2011, 2012
HR17	Lincoln Highway, Whyalla	August	
HR18	Princes Highway, Meningie	August	
HR19	Lincoln Highway, Poonindie	August	
HR20	Highway One, Port Wakefield	August	Site moved in 2012 - HR41 from 2012 onwards
HR21	Stuart Highway, Pimba	August	
HR22	Port McDonnell Road, Allendale East	August	Not sampled from 2009 onwards - HR27 from 2012 onwards
HR23	Mallee Highway, Pinnaroo	August	
HR24	Sturt Highway, Blanchetown	August	
HR25	Mallee Highway, Taillem Bend	August	
HR26	Yorke Valley Highway, Pine Point	August	Speed limit lowered - AR16 from 2012 onwards
HR27	Sturt Highway, Gawler	August	Not sampled from 2008 onwards
HR28	Riddoch Highway, Penola	August	
HR29	Princes Highway, Kingston SE	August	
HR30			Actually 100 km/h - reclassified as AR13
HR31			Was 80 km/h before 2009 - HR38 from 2009 onwards
HR32	Kingston Loxton Road, Loxton	August	
HR33	Lucindale Kingston Road, Avenue Range	August	
HR34	Arno Bay Road, Arno Bay	August	
HR35	Kalangadoo Millicent Road, Kalangadoo	August	
HR36	Olympic Dam Pimba Road, Woomera	August	Known as BR01 in older reports
HR37	Quorn Hawker Road, Quorn	August	Known as BR03 in older reports
HR38	RM Williams Way, Jamestown	August	Was HR31 before 2009 (site moved in 2009)
HR39	Redhill Blyth Road, Hart	August	Incorrectly classified as AR01 in old reports
HR40	Clare Highway, Crystal Brook	August	New site starting in 2012
HR41	Highway One, Port Wakefield	August	Was HR20 before 2012 (site moved in 2012)
HR42	Sturt Highway, Gawler	August	Was HR27 before 2012 (road changed in 2012)
HR43	Barrier Highway, Whyte Yarcowie	August	New site starting in 2012

## Appendix B - Detailed site results

Data from each site was separated into the two directions of traffic flow (where applicable) and the vehicle counts and mean speeds were calculated for each site/direction combination for each survey and are presented in Tables B.1-B.72. The last character of the Location ID indicates the direction of traffic flow (N=North, S=South, E=East, W=West).

The surveys marked as “1 day” had one day of data collected (a week day). The surveys marked as “1 week” had one week of data collected. The column marked as “2007 - 1 day” is a one day sub-sample of the 2007 data (a week day) for comparison with previous one day samples.

The “Summary” row in the mean speed Tables is a summary mean speed for all the roads of a given type calculated as per Section 2.3. The “Change” row indicates the change in speed from the previous survey. The “Significance” row indicates the probability of the observed or larger change occurring by chance. For the present purposes any significance level below 0.05 is considered as being statistically significant.

Table B.1  
Adelaide 50 km/h local road results for each site in each direction of travel - vehicle count

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	171	152	174	198	1236	1171	988	1033	988	964
LM01W	340	306	289	334	2131	2204	2209	2553	2673	2613
LM02N	379	372	434	329	1779	2703	3748	4197	4549	4702
LM02S	147	143	141	139	773	2759				
LM03N	173	183	235	187	1173	1374	1321	1286	1172	1133
LM03S	264	286	242	223	1449	1499	1585	1674	1545	1532
LM04E	1352	1130	1207	1151	7718	7788	7508	7789	7696	8053
LM04W	799	833	814	802	5561	5612	5365	5630	5581	5693
LM05N	224	243	289	247	1579	1576	1557	1710	1461	1432
LM05S	261	247	262	231	1667	1651	1810	1882	1787	1606
LM06E	575	547	562	614	4033	4467	4418	4901	4749	5138
LM06W	427	414	434	477	3306	3521	3326	3649	3608	3655
LM07E	153	128	146	137	843	821	726	786	609	676
LM07W	134	131	154	116	783	720	647	795	674	764
LM08N	113	92	85	72	539	768	697	554	512	604
LM08S	91	91	99	84	566	773	741	639	624	506
LM09N	931	1186	1295	947	9066	7387	8583	9708	2895	8290
LM09S	362	505	754	522	4667	4216	4195	5022	5560	4342
LM10N	158	156	189	175	1228	1278	1242	1393	1230	1292
LM10S	208	170	200	188	1267	1326	1344	1465	1484	1506
LM11E	341	347	357	430	2375	2169	2216	1985	1913	1983
LM11W	553	548	538	557	2894	3180	3219	2786	2921	2757
LM12E	677	1272	525	542	3471	3549	8283	8167	3285	7429
LM12W	815	1373	704	685	4587	4793	9447	9302	4543	8731
LM13N	889	980	1125	904	5229	5448	5988	5824	5731	5977
LM13S	148	176	338	295	1903	2021	1887	1864	1702	1718
LM14E	144	163	170	166	1464	1068	1433	1247	1687	1551
LM14W	163	188	157	133	907	1163	1097	1057	1224	1213
LM15N	434	421	377	389	2412	3382	4173	4175		
LM15S	437	439	408	389	2348	2950	2964	2807		
LM16S	996	1034	1005	957	6118	6372	5642	4622		
LM17E	994	1184	1105	1198	7995	8287	8313	8168	8129	8444
LM17W	971	1074	1047	1083	7261	7238	7678	7456	7404	7556
LM18E	1351	1227	1296	1343	9081	9212	9784	9753	9955	9827
LM18W	1488	1466	1356	1423	9500	9017	9465	9082	9198	8978
LM19N									2106	2082
LM19S									1338	1273

Note: these roads were 60 km/h in 2002

Table B.2  
Adelaide 50 km/h local road results for each site in each direction of travel - mean speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	41.402	37.623	37.137	38.113	37.436	37.165	37.399	36.321	35.873	35.585
LM01W	39.395	37.149	37.399	38.584	37.409	37.580	38.013	37.388	36.790	37.288
LM02N	46.971	44.106	45.599	46.970	46.680	42.393	45.602	45.021	47.234	46.812
LM02S	44.137	44.263	44.214	45.880	45.363	41.311				
LM03N	40.842	33.895	41.377	41.031	40.941	42.674	40.973	40.690	40.771	40.301
LM03S	42.068	37.666	40.461	40.814	41.049	41.561	40.568	40.321	41.304	40.663
LM04E	52.078	47.636	49.176	49.660	50.381	49.083	49.404	45.964	47.749	48.052
LM04W	54.232	49.278	51.746	51.830	52.574	50.755	51.063	47.872	49.226	49.522
LM05N	55.044	52.904	53.066	51.762	51.711	51.194	51.460	48.282	49.568	49.821
LM05S	56.019	52.640	51.882	50.805	51.225	52.528	51.066	48.971	49.638	50.095
LM06E	50.369	48.506	44.918	46.669	46.394	45.113	45.927	44.294	45.111	45.501
LM06W	50.334	48.493	44.076	45.807	45.741	45.120	45.279	43.931	43.908	43.931
LM07E	49.658	48.969	45.962	46.869	46.675	45.044	45.059	36.794	46.470	36.351
LM07W	49.887	50.263	47.925	46.753	47.814	47.316	46.263	39.511	44.440	39.908
LM08N	36.518	35.365	32.416	35.807	36.040	36.965	36.776	36.784	37.357	36.939
LM08S	37.901	36.662	34.404	35.431	35.275	36.828	37.258	38.850	38.411	38.219
LM09N	43.854	41.455	38.708	42.192	40.294	40.689	39.810	38.054	37.032	38.891
LM09S	45.166	43.566	37.695	43.865	42.667	40.847	41.350	39.956	41.260	39.814
LM10N	40.556	42.512	36.841	42.926	41.011	39.512	41.040	40.595	39.652	39.032
LM10S	39.618	39.913	38.038	38.800	39.454	39.488	41.343	40.351	41.105	40.992
LM11E	39.143	35.533	33.264	34.015	34.782	35.490	36.957	36.193	35.348	34.833
LM11W	45.796	43.744	40.478	39.080	39.932	40.751	41.800	40.667	41.162	40.495
LM12E	47.117	46.855	47.025	48.492	48.048	48.678	46.104	46.946	49.899	47.336
LM12W	49.445	45.762	49.287	51.791	51.385	50.620	46.480	46.792	50.723	47.078
LM13N	41.778	38.717	36.956	35.993	38.226	36.167	36.824	35.762	34.920	34.653
LM13S	46.226	42.701	39.835	42.359	44.243	41.644	42.637	41.668	41.862	40.995
LM14E	37.488	37.622	36.198	32.770	33.442	32.189	34.007	34.766	31.420	31.333
LM14W	35.293	35.595	35.179	34.714	34.366	34.697	35.163	35.853	32.018	32.978
LM15N	54.856	52.551	49.852	49.868	49.875	49.408	49.874	49.966		
LM15S	50.754	49.011	45.832	46.578	46.344	46.539	46.004	46.460		
LM16S	33.342	29.527	30.398	34.046	34.871	28.426	30.599	26.367		
LM17E	46.567	46.210	43.999	44.840	44.612	44.388	44.467	44.672	44.721	43.167
LM17W	44.148	43.052	41.961	43.145	42.510	41.760	42.809	42.109	41.467	40.861
LM18E	57.681	50.928	51.625	52.668	52.154	49.731	50.113	49.687	49.564	49.108
LM18W	57.897	52.664	51.583	51.908	51.836	52.641	49.261	49.358	48.891	48.858
LM19N									33.893	33.442
LM19S									28.620	28.335
Summary	46.899	44.760	43.336		44.243	43.746	44.097	43.365	43.560	43.142
Change		-2.139	-1.424		0.908	-0.498	0.351	-0.732	0.195	-0.418
Significance		0.000	0.011		0.002	0.033	0.249	0.000	0.157	0.007

Note: these roads were 60 km/h in 2002

Table B.3  
Adelaide 50 km/h local road results for each site in each direction of travel - median speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	42.850	39.560	37.390	38.700	38.000	38.000	38.500	37.500	37.300	37.000
LM01W	39.340	38.290	37.890	39.800	38.400	38.400	39.100	38.200	37.600	38.300
LM02N	48.320	44.170	45.340	46.400	46.700	42.500	45.900	44.900	47.300	47.500
LM02S	44.440	43.630	44.010	45.700	45.400	41.300				
LM03N	41.860	35.460	43.040	41.400	42.000	44.200	42.300	41.700	41.600	41.400
LM03S	43.370	40.000	41.760	42.900	42.300	43.000	41.600	41.200	41.900	42.000
LM04E	52.550	48.070	49.700	50.200	50.600	49.300	49.700	46.200	48.100	48.400
LM04W	54.540	49.570	52.190	52.100	52.800	50.900	51.100	48.100	49.600	49.700
LM05N	56.250	52.940	53.980	52.400	52.300	51.800	52.400	49.400	49.900	50.400
LM05S	57.600	53.330	53.350	52.000	52.200	53.200	52.100	50.600	50.800	51.300
LM06E	50.700	49.310	45.640	47.700	47.000	45.600	46.700	44.900	45.400	45.800
LM06W	51.060	48.970	45.120	45.600	46.100	45.400	45.900	44.500	44.200	44.500
LM07E	52.170	51.060	46.240	47.900	47.100	44.900	46.200	36.500	45.900	36.000
LM07W	50.700	50.340	48.660	47.500	47.900	47.100	46.900	39.500	44.400	41.100
LM08N	38.910	36.730	32.990	36.300	36.100	37.500	38.000	38.300	38.400	37.800
LM08S	40.900	38.290	34.350	36.300	35.800	37.100	37.600	39.400	40.200	38.100
LM09N	43.900	41.370	38.650	42.400	40.400	41.100	40.000	38.000	36.800	38.800
LM09S	45.560	43.370	37.270	44.200	42.900	41.700	41.900	40.400	41.500	40.400
LM10N	43.370	44.550	37.960	43.900	41.900	40.000	41.600	41.300	40.300	39.700
LM10S	40.670	41.410	39.340	39.800	40.600	40.200	41.700	41.200	41.700	41.700
LM11E	40.000	35.860	32.650	34.500	35.100	36.100	37.300	36.900	35.500	34.700
LM11W	46.750	44.910	41.170	40.400	41.500	42.600	42.600	41.300	41.700	41.300
LM12E	47.680	47.190	47.520	49.300	48.700	49.300	46.600	47.300	50.600	47.700
LM12W	49.310	45.920	49.420	51.500	51.400	50.700	46.700	47.100	51.100	47.300
LM13N	41.610	37.280	36.770	35.600	39.600	36.100	34.700	34.200	35.400	34.300
LM13S	48.970	44.040	39.910	44.400	45.500	42.800	43.200	42.200	42.700	41.700
LM14E	38.290	38.290	36.690	32.700	33.600	32.700	34.400	34.900	32.100	31.800
LM14W	36.730	36.360	36.290	35.000	34.300	35.800	35.500	36.000	33.400	34.400
LM15N	55.380	52.550	50.690	51.100	50.700	49.800	50.100	50.300		
LM15S	52.170	49.310	47.040	47.800	47.200	47.700	47.000	47.400		
LM16S	33.640	29.070	30.410	34.500	35.200	28.300	31.000	25.800		
LM17E	47.360	47.050	45.140	46.000	45.700	45.500	45.300	45.400	45.500	44.300
LM17W	45.560	44.310	43.090	44.500	43.800	42.900	43.800	42.900	42.400	42.200
LM18E	58.530	51.170	52.620	53.200	52.500	50.000	50.400	50.200	50.100	49.600
LM18W	58.060	52.590	52.150	52.000	52.000	52.700	49.500	49.700	49.300	49.400
LM19N									33.700	33.400
LM19S									27.000	27.200
Summary	48.550	45.940	44.340		45.400	44.700	45.100	44.350	44.750	44.450
Change		-2.610	-1.600		1.060	-0.700	0.400	-0.750	0.400	-0.300
Significance		0.000	0.010		0.004	0.051	0.396	0.000	0.111	0.036

Note: these roads were 60 km/h in 2002

Table B.4

## Adelaide 50 km/h local road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	51.060	48.970	47.690	47.600	46.700	46.600	46.600	45.200	44.800	44.500
LM01W	47.050	46.150	45.870	46.300	45.200	45.400	45.800	45.100	44.600	44.900
LM02N	58.060	54.130	55.700	57.400	57.700	52.800	54.400	53.900	55.800	56.200
LM02S	54.540	54.540	53.840	57.300	57.400	51.900				
LM03N	50.000	44.440	50.700	49.000	49.300	52.300	49.500	48.500	48.800	49.100
LM03S	50.340	46.750	49.610	49.600	49.600	51.100	48.900	48.300	49.300	48.500
LM04E	60.000	54.930	56.630	57.100	58.100	56.400	56.400	53.000	54.600	55.200
LM04W	63.150	56.110	60.060	59.600	60.600	58.700	58.800	55.400	56.800	56.700
LM05N	62.600	62.600	60.220	60.800	60.600	59.900	59.900	57.700	58.100	58.200
LM05S	64.280	60.500	60.630	60.600	60.600	61.600	59.800	58.300	58.000	59.600
LM06E	60.000	57.140	54.240	55.600	55.600	54.200	55.100	52.900	53.700	53.800
LM06W	60.500	56.690	52.880	54.800	54.400	54.000	53.900	52.800	52.100	51.700
LM07E	60.500	57.600	56.240	58.000	56.300	56.600	55.300	47.800	56.400	48.200
LM07W	62.060	59.500	57.000	56.500	57.200	58.600	55.900	49.800	54.500	50.900
LM08N	48.970	43.110	42.120	41.800	42.800	43.500	48.900	48.700	50.100	46.700
LM08S	50.340	47.680	45.770	42.200	43.200	44.500	46.500	47.200	51.200	47.300
LM09N	55.810	51.420	48.250	51.200	49.200	49.800	49.300	47.500	47.400	48.000
LM09S	58.060	53.730	48.040	52.200	51.000	50.200	50.400	49.200	50.700	48.500
LM10N	50.700	52.930	46.130	51.200	50.300	47.300	48.600	49.000	47.300	47.000
LM10S	49.310	49.710	48.470	47.200	48.600	47.800	49.500	49.100	49.000	49.500
LM11E	50.700	46.310	45.250	45.900	47.200	47.700	48.800	48.300	47.600	46.600
LM11W	58.060	55.320	54.310	52.700	53.200	53.400	53.800	53.100	53.900	53.000
LM12E	56.690	54.520	55.410	55.900	56.000	57.300	53.600	54.200	58.200	54.000
LM12W	58.530	52.480	55.960	59.600	59.500	58.400	53.100	52.700	58.800	52.900
LM13N	61.530	56.170	50.870	51.500	53.500	51.700	50.900	49.300	50.600	49.900
LM13S	63.150	61.190	52.920	53.800	55.600	53.200	53.200	52.400	52.400	52.000
LM14E	47.680	47.680	45.390	40.200	42.500	41.200	42.900	42.900	38.700	38.800
LM14W	44.720	44.720	44.810	42.400	44.100	43.200	43.700	44.500	40.600	41.000
LM15N	64.280	62.600	59.340	59.200	59.900	58.800	58.800	58.100		
LM15S	60.500	58.060	55.360	54.800	55.200	56.300	54.900	54.400		
LM16S	41.610	37.660	38.650	41.300	42.700	36.900	38.700	33.600		
LM17E	55.380	54.650	52.140	52.100	52.100	51.800	51.200	51.300	51.600	50.300
LM17W	53.330	51.540	50.630	51.100	50.600	49.900	50.400	49.400	49.100	48.600
LM18E	64.860	58.460	59.550	59.900	59.400	56.500	56.700	56.400	55.800	55.200
LM18W	65.450	60.020	58.750	59.200	58.900	60.000	55.900	55.900	55.300	55.300
LM19N									40.900	40.400
LM19S									36.800	37.200
Summary	57.150	54.290	53.050		53.500	52.800	52.800	52.100	52.400	52.000
Change		-2.860	-1.240		0.450	-0.700	0.000	-0.700	0.300	-0.400
Significance		0.000	0.020		0.115	0.075	0.717	0.000	0.080	0.011

Note: these roads were 60 km/h in 2002

Table B.5  
Adelaide 50 km/h local road results for each site in each direction of travel - per cent above 50 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	18.129	10.526	8.046	7.576	6.472	6.917	6.377	4.550	4.150	3.527
LM01W	8.824	6.536	6.574	7.485	4.880	4.855	5.478	3.839	3.928	3.483
LM02N	41.161	27.957	32.488	33.131	36.031	22.383	29.829	26.352	35.788	37.686
LM02S	29.932	27.273	26.241	33.094	34.023	19.427				
LM03N	12.717	2.732	17.021	11.765	13.043	23.144	12.263	10.031	10.836	11.650
LM03S	15.152	7.692	14.050	13.004	13.527	18.746	11.924	9.976	12.362	10.509
LM04E	61.612	38.584	47.639	50.738	53.369	45.300	47.589	26.730	36.967	39.501
LM04W	69.337	46.459	62.039	61.222	65.150	55.114	56.552	38.295	47.303	47.637
LM05N	72.768	63.786	72.664	59.514	61.621	59.645	61.721	46.667	49.487	52.654
LM05S	75.862	63.968	68.702	58.874	61.068	65.839	60.331	52.444	53.945	56.289
LM06E	51.478	46.069	29.359	38.436	35.160	29.483	33.861	25.097	28.280	28.708
LM06W	52.459	45.169	24.424	30.189	31.307	28.287	29.585	24.007	21.785	21.450
LM07E	55.556	53.125	34.247	40.876	37.841	34.714	35.675	10.941	33.990	10.651
LM07W	51.493	50.382	46.753	40.517	40.485	37.778	33.694	14.591	31.157	17.408
LM08N	7.080	4.348	2.353	1.389	2.041	1.953	11.334	10.830	15.039	8.113
LM08S	16.484	5.495	4.040	0.000	1.060	2.717	6.073	7.825	16.346	9.289
LM09N	28.679	18.297	10.579	19.113	12.685	14.255	13.305	9.044	9.637	10.181
LM09S	35.359	26.535	11.273	22.605	18.020	15.465	15.805	12.545	16.439	10.940
LM10N	16.456	26.282	7.407	17.714	15.717	9.546	11.433	11.917	8.049	6.734
LM10S	12.500	14.706	10.000	10.638	11.050	8.899	13.467	12.150	11.456	13.679
LM11E	15.543	9.510	5.882	7.209	9.474	10.466	12.455	11.335	10.716	8.573
LM11W	39.783	31.569	26.580	21.364	22.944	24.969	25.318	22.577	24.478	22.597
LM12E	39.882	34.984	38.095	42.620	41.804	46.069	29.880	32.778	52.451	34.473
LM12W	45.399	25.783	46.449	59.708	57.837	53.828	29.078	29.187	55.228	30.157
LM13N	35.546	27.551	16.978	18.031	23.504	18.667	16.817	13.479	16.105	14.757
LM13S	46.622	37.500	20.118	31.525	34.472	23.701	24.006	21.620	23.149	21.478
LM14E	6.944	8.589	5.294	1.205	3.074	1.498	2.442	2.486	0.711	0.516
LM14W	2.454	4.787	3.185	2.256	5.072	2.923	3.829	4.163	0.572	1.072
LM15N	70.968	61.283	54.642	54.756	52.653	48.551	50.204	51.353		
LM15S	60.412	46.697	37.500	37.018	35.605	38.915	34.649	33.808		
LM16S	1.707	1.257	1.493	2.403	2.779	0.596	0.922	0.195		
LM17E	37.726	33.024	23.167	24.708	24.653	22.228	20.125	20.580	21.589	16.035
LM17W	29.351	20.391	17.096	18.744	17.201	14.521	16.176	12.701	11.885	10.270
LM18E	84.012	57.783	64.969	68.727	65.643	49.891	51.962	51.123	50.266	46.393
LM18W	84.207	64.598	64.528	62.825	63.053	66.874	46.318	47.445	45.021	45.032
LM19N									2.944	2.257
LM19S									1.794	1.257
Summary	34.217	26.223	23.742		24.653	22.471	23.235	21.347	22.876	22.190
Change		-7.995	-2.480		0.911	-2.182	0.764	-1.887	1.529	-0.687
Significance		0.000	0.107		0.168	0.017	0.787	0.000	0.005	0.015

Note: these roads were 60 km/h in 2002



Table B.6  
Adelaide 50 km/h local road results for each site in each direction of travel - per cent above 55 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	5.848	3.947	2.874	1.515	2.508	2.135	1.822	1.162	0.810	1.037
LM01W	2.647	1.634	2.422	2.695	1.595	1.316	1.403	1.293	1.010	0.842
LM02N	23.747	13.172	17.972	20.061	20.911	10.692	13.661	12.580	17.169	18.354
LM02S	12.245	13.287	14.184	17.986	19.922	9.097				
LM03N	5.780	1.093	6.809	4.278	4.604	7.933	4.088	3.110	2.816	3.266
LM03S	5.682	2.098	4.545	3.587	2.968	6.471	2.271	2.330	2.330	2.742
LM04E	35.207	14.867	21.044	22.155	26.354	19.119	20.019	9.539	13.436	15.671
LM04W	47.810	19.328	34.029	33.791	36.558	28.689	29.282	16.057	22.021	21.114
LM05N	54.464	39.506	43.253	39.271	36.732	34.772	35.196	24.269	25.941	27.584
LM05S	63.602	43.725	41.603	35.931	36.713	41.248	34.807	26.833	27.924	32.254
LM06E	30.957	22.669	13.167	16.287	16.415	13.454	15.211	9.855	11.371	12.339
LM06W	30.679	19.324	9.908	14.046	13.581	12.780	11.726	9.455	8.232	8.044
LM07E	35.294	27.344	17.808	20.438	18.861	18.149	15.702	4.453	18.062	3.994
LM07W	27.612	30.534	24.675	23.276	20.817	23.750	17.465	7.296	13.501	6.414
LM08N	0.885	0.000	0.000	1.389	0.557	0.391	2.726	3.430	5.469	2.649
LM08S	2.198	2.198	1.010	0.000	0.353	0.259	1.889	2.191	8.333	2.767
LM09N	16.112	7.841	4.247	7.075	4.699	4.697	4.730	3.296	3.040	3.824
LM09S	21.271	12.475	5.040	8.429	6.492	5.527	5.221	4.859	6.421	4.030
LM10N	6.962	8.974	2.646	5.143	6.107	3.365	3.382	4.953	2.846	2.012
LM10S	5.288	7.059	3.000	4.255	3.710	2.489	4.018	4.232	3.032	3.121
LM11E	7.331	3.170	1.681	3.023	3.705	3.642	5.551	4.383	4.286	3.429
LM11W	21.338	15.693	12.639	9.156	10.366	11.824	12.302	10.840	12.085	10.555
LM12E	21.123	13.443	15.619	19.188	18.410	22.626	10.685	12.453	26.514	11.509
LM12W	24.294	7.502	18.466	29.781	30.499	26.935	8.680	8.267	28.351	8.246
LM13N	26.209	17.245	8.800	8.739	11.953	8.609	8.083	5.632	7.555	6.040
LM13S	33.784	24.432	12.130	11.525	15.975	11.084	11.288	9.174	9.812	9.197
LM14E	0.694	1.840	1.765	0.602	1.025	0.562	0.837	1.043	0.237	0.387
LM14W	1.227	1.596	0.637	1.504	1.544	0.258	0.912	0.473	0.163	0.247
LM15N	50.000	37.292	29.443	30.077	29.561	24.956	26.168	25.222		
LM15S	32.952	25.057	15.686	14.139	15.204	18.373	14.676	13.039		
LM16S	0.100	0.193	0.299	0.418	0.654	0.188	0.319	0.065		
LM17E	16.298	13.429	7.330	7.429	6.992	6.432	5.690	5.681	5.462	4.275
LM17W	10.917	6.611	5.349	5.633	4.793	4.117	4.389	3.648	2.620	2.316
LM18E	66.543	29.014	33.796	39.389	34.501	20.310	21.310	20.455	17.911	15.824
LM18W	65.659	36.289	30.605	31.202	32.021	35.588	17.781	18.388	15.688	15.738
LM19N									1.472	0.768
LM19S									1.046	0.471
Summary	20.297	12.618	11.356		11.953	11.277	11.386	10.485	11.123	10.548
Change		-7.679	-1.262		0.597	-0.676	0.109	-0.901	0.638	-0.575
Significance		0.000	0.070		0.131	0.030	0.577	0.000	0.053	0.035

Note: these roads were 60 km/h in 2002

Table B.7  
Adelaide 50 km/h local road results for each site in each direction of travel - per cent above 60 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	1.170	1.316	0.000	0.505	1.052	1.196	0.810	0.290	0.000	0.622
LM01W	0.882	0.000	0.346	1.198	0.282	0.499	0.453	0.509	0.150	0.191
LM02N	10.554	5.645	7.143	9.119	11.242	4.698	6.190	5.885	7.232	8.060
LM02S	5.442	6.993	9.220	8.633	10.220	3.951				
LM03N	2.312	0.546	2.128	1.604	1.961	2.111	1.211	0.544	0.853	0.794
LM03S	2.273	0.350	2.893	0.897	0.690	2.335	0.315	0.717	0.777	0.587
LM04E	14.275	4.779	6.794	8.775	9.834	6.780	6.846	3.222	4.379	4.992
LM04W	25.657	7.803	15.233	13.342	16.490	11.796	11.799	5.986	7.597	8.291
LM05N	25.000	21.399	15.917	17.004	16.593	14.340	14.579	9.649	9.651	10.615
LM05S	34.866	15.789	17.176	16.883	16.677	20.594	14.199	9.989	9.961	13.387
LM06E	14.957	8.958	5.160	4.072	5.877	5.306	5.659	3.448	4.232	4.671
LM06W	15.457	10.386	5.760	5.870	5.293	4.743	4.299	3.398	2.966	3.146
LM07E	15.033	8.594	10.274	8.759	9.134	7.186	7.576	2.163	8.210	1.479
LM07W	18.657	11.450	7.792	7.759	9.323	11.667	7.264	3.899	5.193	2.880
LM08N	0.000	0.000	0.000	1.389	0.371	0.130	0.143	0.181	2.148	0.993
LM08S	0.000	0.000	0.000	0.000	0.000	0.000	0.540	0.782	2.404	1.186
LM09N	7.948	3.457	1.622	2.640	1.743	1.787	1.608	1.133	0.760	1.532
LM09S	9.116	5.149	1.989	3.640	2.357	1.755	1.263	1.792	2.194	1.152
LM10N	1.899	4.487	1.058	1.714	1.954	1.565	1.047	1.866	1.057	0.542
LM10S	1.442	2.353	1.500	1.064	0.947	0.603	0.893	1.843	0.606	0.598
LM11E	2.639	1.441	1.120	1.163	1.389	1.475	1.760	1.864	1.725	1.614
LM11W	10.669	6.387	5.576	2.513	3.214	4.308	5.343	3.805	4.930	4.062
LM12E	7.238	3.695	6.095	6.642	6.108	8.566	2.644	3.392	9.741	2.813
LM12W	9.693	2.622	6.676	14.307	13.691	11.204	2.488	2.397	11.952	2.256
LM13N	17.660	9.184	3.733	3.540	5.011	3.598	3.123	1.992	3.176	2.041
LM13S	23.649	17.614	5.621	3.051	6.096	3.909	5.034	3.863	3.231	3.027
LM14E	0.000	0.613	0.588	0.602	0.615	0.375	0.279	0.321	0.119	0.193
LM14W	0.000	1.064	0.000	0.000	0.441	0.000	0.091	0.095	0.000	0.082
LM15N	28.111	22.090	12.467	12.339	14.469	12.034	12.269	10.515		
LM15S	16.018	10.478	6.863	5.141	6.346	8.305	5.904	5.166		
LM16S	0.100	0.000	0.100	0.000	0.163	0.047	0.071	0.000		
LM17E	5.433	4.307	2.262	2.170	2.014	1.810	1.552	1.604	1.365	1.018
LM17W	2.163	2.142	1.433	1.200	1.198	1.174	1.250	1.100	0.662	0.529
LM18E	36.269	10.595	13.580	14.669	12.873	6.654	6.858	6.644	4.721	4.294
LM18W	38.374	15.075	11.283	12.720	11.821	14.794	6.128	5.737	4.414	4.689
LM19N									0.570	0.240
LM19S									0.747	0.236
Summary	9.687	5.719	5.011		5.011	4.770	4.748	4.400	4.402	4.269
Change		-3.968	-0.709		0.000	-0.241	-0.022	-0.348	0.002	-0.132
Significance		0.000	0.150		0.930	0.064	0.196	0.003	0.209	0.150

Note: these roads were 60 km/h in 2002

Table B.8  
Adelaide 50 km/h local road results for each site in each direction of travel - per cent above 65 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LM01E	0.000	0.658	0.000	0.000	0.162	0.342	0.607	0.000	0.000	0.000
LM01W	0.294	0.000	0.000	0.898	0.188	0.136	0.226	0.235	0.075	0.077
LM02N	4.749	2.688	4.839	5.775	5.958	2.442	2.401	2.788	3.275	3.275
LM02S	3.401	4.895	2.837	5.755	6.339	1.667				
LM03N	0.000	0.000	0.851	1.070	0.853	0.801	0.454	0.078	0.256	0.265
LM03S	1.515	0.350	2.479	0.000	0.207	0.600	0.063	0.179	0.000	0.131
LM04E	5.473	1.239	2.568	3.215	3.576	2.234	2.437	0.976	1.507	1.527
LM04W	9.512	2.521	6.511	5.736	6.474	4.241	4.567	1.812	2.652	3.092
LM05N	9.821	8.230	7.266	5.668	4.940	5.584	5.652	3.450	3.628	3.631
LM05S	12.644	9.312	6.489	4.762	5.879	6.965	4.751	2.657	2.686	4.670
LM06E	5.913	3.656	1.957	0.977	2.356	2.351	2.128	1.408	1.727	2.024
LM06W	6.089	3.382	2.304	1.887	1.785	1.903	1.563	1.480	1.109	1.067
LM07E	7.843	2.344	3.425	5.109	4.982	2.923	2.617	1.018	3.284	0.444
LM07W	9.701	6.107	3.896	5.172	4.725	4.861	2.937	1.509	2.671	1.047
LM08N	0.000	0.000	0.000	0.000	0.186	0.130	0.000	0.000	0.391	0.662
LM08S	0.000	0.000	0.000	0.000	0.000	0.000	0.135	0.156	1.122	0.198
LM09N	2.793	1.518	0.541	0.739	0.684	0.690	0.629	0.484	0.104	0.700
LM09S	3.039	3.168	0.398	0.766	0.707	0.640	0.358	0.677	0.953	0.553
LM10N	1.266	1.282	0.000	1.143	0.896	0.469	0.242	0.718	0.488	0.000
LM10S	0.962	0.000	0.500	0.000	0.395	0.151	0.223	0.683	0.135	0.133
LM11E	1.760	0.576	0.840	0.930	0.842	0.553	0.722	0.907	0.889	0.504
LM11W	3.255	2.007	1.859	0.898	1.279	1.415	2.361	1.615	2.260	1.850
LM12E	2.068	0.865	2.667	3.137	2.708	3.297	0.652	0.857	3.470	0.767
LM12W	3.436	0.947	2.557	6.277	5.407	4.715	1.111	0.860	4.578	0.767
LM13N	9.224	3.673	1.689	0.996	1.912	1.340	1.253	0.738	1.361	0.736
LM13S	11.486	9.659	1.775	1.356	2.154	1.385	2.067	1.770	1.116	1.106
LM14E	0.000	0.000	0.588	0.000	0.342	0.281	0.140	0.241	0.059	0.000
LM14W	0.000	1.064	0.000	0.000	0.221	0.000	0.000	0.095	0.000	0.000
LM15N	13.594	10.689	6.631	5.913	7.048	5.884	5.296	4.575		
LM15S	6.636	4.328	3.676	0.771	2.002	4.102	2.429	1.924		
LM16S	0.000	0.000	0.000	0.000	0.082	0.016	0.018	0.000		
LM17E	2.113	1.098	0.814	0.250	0.463	0.640	0.505	0.502	0.504	0.367
LM17W	1.133	0.466	0.764	0.554	0.413	0.332	0.365	0.443	0.122	0.132
LM18E	13.472	4.156	4.475	4.170	4.306	2.204	2.381	2.030	1.447	1.364
LM18W	15.726	5.321	3.245	3.584	3.621	5.667	2.219	1.652	1.576	1.637
LM19N									0.237	0.096
LM19S									0.224	0.079
Summary	3.181	1.933	1.785		1.785	1.724	1.615	1.417	1.446	1.436
Change		-1.248	-0.149		0.000	-0.061	-0.109	-0.198	0.029	-0.010
Significance		0.000	0.202		0.655	0.121	0.042	0.006	0.124	0.083

Note: these roads were 60 km/h in 2002

Table B.9  
Adelaide 50 km/h collector road results for each site in each direction of travel - vehicle count

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	617	693	746	743	4332	4552	4750	4311	5611	4103
CM01W	788	814	993	1079	5946	6194	6903	6410	7672	6487
CM02N	1721	2215	2425	1978	18722	15609	17718	19562	15400	19310
CM02S	1806	2370	2492	2307	21305	18994	18612	20194	14456	20933
CM03N	1621	1703	1682	1864	13157	13269	14247	14895	16756	16845
CM03S	1537	1654	1617	1741	12330	12875	13774	14541	16165	15829
CM04E	1078	1125	1134	1162	7348	7568	7756	7207	7982	8603
CM04W	981	972	993	1029	6488	6470	6606	6326	6642	7176
CM05E	804	869	862	903	6852					
CM05W	952	948	1050	1067	7984					
CM06E	1041	951	1047	966	6833	7048	7162	7009	6735	6550
CM06W	803	787	993	963	6739	6948	7037	6827	6736	6657
CM07N	595	588	504	615	4022	4287	4334	4117	4172	4257
CM07S	486	453	401	485	3221	3378	3375	3285	3325	3396
CM08E	4859	4651	4455	4824	32597	31923	32923	33401	33833	35161
CM08W	4806	4402	4311	4605	31093	30115	30615	31435	31654	32736
CM09N	2117	2237	2035	2019	11707	11059	12414	12227	12486	12500
CM09S	2464	2228	2403	2486	15656	14688	12901	15230	15364	14750
CM10N	657	562	564	508	3305	3269	3117	3378	3241	3057
CM10S	759	676	683	584	3838	3905	3841	3894	4037	3827
CM11E	1315	1146	1360	1994	12574	8694	8606	8509	8478	8161
CM11W	1198	1418	1404	2159	13296	9547	9672	9802	10011	9222
CM12E							7627	7534	8041	8459
CM12W							8779	8533	9327	9493

Note: these roads were 60 km/h in 2002

Table B.10  
Adelaide 50 km/h collector road results for each site in each direction of travel - mean speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	50.401	48.838	47.391	49.709	49.250	48.163	47.629	48.996	46.703	44.585
CM01W	50.046	49.765	48.614	50.685	50.457	48.647	48.471	50.333	49.678	46.375
CM02N	44.079	48.718	47.043	46.972	45.118	47.916	46.233	45.530	45.886	44.986
CM02S	43.032	46.746	44.616	45.268	44.066	45.507	48.618	46.584	45.841	45.903
CM03N	61.407	54.746	53.490	53.794	54.404	53.284	51.818	52.106	52.882	52.921
CM03S	58.168	53.374	52.042	51.378	51.545	52.830	50.463	51.975	52.191	50.639
CM04E	58.949	56.384	54.073	50.943	50.849	51.646	52.807	53.270	60.302	49.478
CM04W	59.190	59.244	54.245	52.658	52.460	50.643	54.854	56.651	59.478	52.758
CM05E	52.787	50.485	48.876	51.335	50.895					
CM05W	52.038	49.730	49.300	50.612	50.295					
CM06E	53.411	50.440	49.458	51.028	51.108	50.795	50.745	50.496	50.975	50.406
CM06W	62.298	55.323	50.895	51.333	51.421	51.816	51.761	51.490	51.726	52.449
CM07N	58.557	53.825	54.086	54.242	53.869	53.919	53.521	51.910	53.137	52.526
CM07S	58.579	57.034	56.988	55.049	55.122	53.459	53.706	51.692	55.214	53.283
CM08E	55.681	51.745	49.493	50.228	50.031	49.363	48.185	49.618	49.937	49.297
CM08W	54.655	51.853	49.154	49.412	49.599	48.981	47.486	48.957	49.280	50.071
CM09N	49.746	46.679	45.807	47.361	47.174	46.197	45.743	45.453	46.059	45.212
CM09S	47.963	47.761	46.680	47.087	47.395	46.640	46.020	46.316	46.518	45.295
CM10N	51.953	50.818	49.260	49.510	49.260	47.784	47.951	47.781	47.011	47.537
CM10S	51.404	51.132	50.121	50.065	49.945	47.842	49.013	49.012	48.651	47.984
CM11E	56.261	52.128	51.675	53.964	53.785	51.797	53.019	51.676	49.534	50.159
CM11W	51.644	52.297	52.055	53.663	53.393	52.086	52.323	51.821	49.658	50.243
CM12E							44.382	41.704	39.951	43.871
CM12W							44.962	42.351	43.227	44.706
Summary	53.829	51.524	50.230		50.653	49.787	49.671	49.462	49.740	49.114
Change		-2.305	-1.294		0.422	-0.866	-0.115	-0.209	0.278	-0.626
Significance		0.003	0.000		0.054	0.064	0.596	0.588	0.610	0.092

Note: these roads were 60 km/h in 2002

**Table B.11**  
Adelaide 50 km/h collector road results for each site in each direction of travel - median speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	50.780	48.880	47.670	49.700	49.400	48.300	47.800	49.100	46.700	44.800
CM01W	50.620	49.770	48.890	50.800	50.700	48.900	49.000	50.800	49.900	46.800
CM02N	46.200	49.060	47.680	47.600	46.200	48.400	47.000	46.800	47.100	46.200
CM02S	44.510	46.950	45.580	46.400	45.200	46.900	49.300	47.900	47.400	47.200
CM03N	62.040	54.460	53.330	53.400	54.200	52.900	51.700	51.700	52.700	52.800
CM03S	58.490	52.850	51.660	51.200	51.500	52.500	50.500	51.700	52.200	50.500
CM04E	59.900	56.950	53.800	50.700	50.800	51.600	52.900	53.300	60.000	50.100
CM04W	59.910	59.230	53.780	52.600	52.400	50.800	55.000	56.700	59.200	53.600
CM05E	54.300	51.840	50.210	51.800	51.600					
CM05W	53.460	50.570	50.030	50.800	50.800					
CM06E	58.340	54.370	52.090	54.300	54.300	53.800	53.900	53.500	53.500	52.700
CM06W	62.800	57.730	54.050	54.500	54.900	54.900	55.000	54.700	54.000	54.400
CM07N	59.790	54.790	54.800	55.100	54.400	54.000	53.800	52.400	53.100	52.600
CM07S	58.840	57.640	57.060	55.000	55.700	53.900	54.200	52.100	55.700	54.000
CM08E	56.050	51.290	49.510	50.000	50.000	49.400	48.100	49.600	49.900	49.200
CM08W	55.010	51.560	49.300	49.300	49.500	49.000	47.500	49.000	49.300	50.100
CM09N	50.970	47.330	46.630	48.200	48.000	47.000	46.800	46.700	47.400	46.200
CM09S	48.550	48.300	47.260	47.700	48.100	47.400	46.700	46.900	47.500	46.100
CM10N	53.190	50.630	49.690	49.900	49.900	48.600	48.700	48.800	47.600	48.200
CM10S	52.290	51.400	50.630	50.500	50.500	48.600	49.500	49.900	49.500	48.600
CM11E	57.150	52.000	51.410	53.500	53.500	51.900	52.800	51.600	50.300	50.300
CM11W	52.880	52.570	52.490	53.600	53.500	52.200	52.300	51.800	50.300	50.100
CM12E							45.100	42.000	40.200	44.600
CM12W							45.800	42.600	43.400	45.400
Summary	54.240	51.515	50.355		50.800	49.950	50.050	50.000	50.300	49.550
Change		-2.725	-1.160		0.445	-0.850	0.100	-0.050	0.300	-0.750
Significance		0.000	0.000		0.082	0.055	0.841	0.785	0.865	0.035

Note: these roads were 60 km/h in 2002

**Table B.12**  
Adelaide 50 km/h collector road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	57.830	56.660	54.400	56.200	56.000	55.400	54.700	55.800	53.000	51.000
CM01W	57.030	56.190	54.770	56.800	56.800	54.700	55.100	56.800	55.700	52.100
CM02N	54.870	55.500	54.220	53.900	52.600	54.800	53.100	53.200	53.600	52.400
CM02S	51.810	52.990	51.190	51.400	50.800	52.600	55.800	53.900	53.300	52.900
CM03N	69.150	63.730	61.140	62.100	62.300	60.800	59.700	59.100	59.900	60.000
CM03S	65.990	61.420	59.410	58.700	58.600	60.000	57.800	58.500	59.300	57.200
CM04E	66.990	64.080	61.250	57.600	57.300	58.700	60.600	60.700	68.300	57.300
CM04W	66.250	67.350	61.270	58.900	59.100	57.000	62.600	64.000	67.100	60.900
CM05E	61.730	59.900	57.840	59.200	58.800					
CM05W	61.300	58.020	57.250	57.700	57.800					
CM06E	66.930	64.830	62.780	64.400	64.600	64.200	63.400	63.200	62.900	61.900
CM06W	69.110	68.290	63.800	63.500	63.700	64.200	64.400	64.000	63.000	63.000
CM07N	68.290	64.090	63.470	64.400	63.300	63.400	62.400	60.800	61.700	60.300
CM07S	67.180	67.660	66.910	64.300	64.500	62.800	62.300	60.400	64.300	62.000
CM08E	61.380	57.540	54.360	54.900	54.900	54.000	52.700	54.200	54.900	54.000
CM08W	60.280	57.040	53.960	54.200	54.600	53.900	52.100	53.700	54.200	55.000
CM09N	59.730	54.590	54.110	55.500	55.400	53.900	53.500	53.400	54.100	52.700
CM09S	55.570	55.590	53.730	54.800	55.000	54.100	53.400	53.400	54.000	52.200
CM10N	61.420	58.810	57.360	58.100	57.500	56.000	56.000	56.000	54.800	55.300
CM10S	60.620	59.320	58.100	58.400	58.000	55.800	56.800	57.200	56.300	55.500
CM11E	63.030	59.040	58.050	60.500	60.200	59.100	60.100	58.400	57.100	56.900
CM11W	58.560	58.890	58.920	59.900	59.900	58.600	58.800	58.000	55.900	55.800
CM12E							50.800	47.000	45.100	50.000
CM12W							51.600	47.600	48.500	50.900
Summary	61.055	59.090	57.260		57.900	57.000	56.550	56.500	56.950	56.000
Change		-1.965	-1.830		0.640	-0.900	-0.450	-0.050	0.450	-0.950
Significance		0.001	0.000		0.121	0.097	0.541	0.349	0.949	0.019

Note: these roads were 60 km/h in 2002

Table B.13

## Adelaide 50 km/h collector road results for each site in each direction of travel - per cent above 50 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	54.943	43.001	33.780	47.106	45.129	39.807	35.789	43.841	27.963	18.523
CM01W	53.807	48.157	40.584	55.144	54.911	41.040	42.648	54.836	49.244	26.222
CM02N	34.340	43.747	35.134	32.457	26.317	39.695	29.981	29.915	31.390	25.660
CM02S	22.979	29.114	20.626	22.063	18.296	27.798	44.681	35.491	32.118	29.929
CM03N	91.548	72.402	68.430	67.704	71.422	66.938	59.479	60.772	67.588	67.854
CM03S	86.662	64.571	60.853	58.357	60.187	65.305	52.940	62.279	65.184	53.421
CM04E	87.384	81.333	74.780	54.045	55.131	59.474	66.362	70.043	91.431	50.041
CM04W	90.928	88.580	74.522	69.291	65.953	54.992	77.823	85.330	91.524	70.304
CM05E	68.657	58.688	51.160	63.123	59.632					
CM05W	65.651	53.376	50.190	55.670	54.547					
CM06E	72.526	63.722	59.121	65.631	65.872	64.557	64.884	63.946	64.009	60.947
CM06W	94.521	75.731	63.646	67.290	67.636	68.351	67.856	67.189	66.315	67.718
CM07N	83.361	72.959	72.024	72.195	70.761	69.163	68.874	61.720	67.186	65.751
CM07S	82.099	80.132	79.302	75.670	75.287	67.732	70.933	61.400	76.211	71.319
CM08E	84.441	61.342	45.185	49.938	49.207	43.135	31.540	45.271	48.961	42.015
CM08W	81.481	62.858	43.192	43.431	45.396	40.611	26.755	39.669	43.006	50.018
CM09N	53.991	35.270	31.990	40.763	39.173	32.670	31.247	30.506	34.767	26.480
CM09S	41.234	40.395	33.250	37.128	38.356	34.041	30.370	30.565	34.203	25.017
CM10N	62.861	54.270	48.227	49.213	48.865	41.725	42.798	42.658	35.329	38.796
CM10S	61.265	59.320	53.294	52.568	52.866	41.076	46.993	49.127	46.123	40.972
CM11E	82.738	62.740	60.735	76.329	74.073	62.342	67.662	60.900	51.781	51.526
CM11W	66.110	66.996	67.664	76.610	73.684	65.005	65.767	63.283	51.943	50.184
CM12E							18.225	5.415	2.798	14.683
CM12W							22.041	6.762	9.617	18.845
Summary	68.165	58.779	52.480		55.021	49.967	49.986	49.884	52.048	48.072
Change		-9.386	-6.299		2.541	-5.054	0.019	-0.102	2.165	-3.977
Significance		0.000	0.000		0.050	0.033	0.898	0.924	0.633	0.033

Note: these roads were 60 km/h in 2002

Table B.14

## Adelaide 50 km/h collector road results for each site in each direction of travel - per cent above 55 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	25.932	19.769	12.064	19.246	18.606	16.366	13.642	17.977	9.392	5.167
CM01W	23.985	19.656	14.300	21.594	22.368	13.675	15.269	22.699	17.518	5.950
CM02N	14.352	16.885	12.825	11.780	8.493	14.120	9.363	9.406	10.506	7.602
CM02S	6.146	8.819	5.177	4.768	4.473	7.839	17.709	11.251	9.525	8.336
CM03N	83.775	47.681	40.785	42.060	45.132	37.968	32.133	30.225	35.498	36.444
CM03S	70.332	38.392	30.736	28.662	29.043	34.524	24.408	29.207	31.779	23.274
CM04E	73.655	59.644	42.681	24.182	24.279	29.730	37.855	39.517	75.758	22.969
CM04W	75.841	71.193	42.800	34.208	33.015	23.354	49.425	60.307	73.773	41.151
CM05E	46.891	31.646	25.754	32.226	30.911					
CM05W	40.651	26.793	23.429	26.523	25.889					
CM06E	62.536	48.686	39.064	47.619	47.636	45.389	45.043	43.544	42.955	40.214
CM06W	87.173	60.229	46.123	47.456	49.221	49.626	49.638	48.792	45.442	46.943
CM07N	73.445	49.150	48.413	50.244	46.271	45.136	43.078	36.143	39.166	36.622
CM07S	71.811	61.589	60.599	49.485	53.369	44.050	45.748	34.186	53.444	43.846
CM08E	58.222	25.521	12.817	14.428	14.228	11.330	7.900	11.697	14.246	11.126
CM08W	50.021	24.739	10.786	11.944	13.189	10.563	6.271	10.116	11.803	14.782
CM09N	33.018	13.858	12.285	16.840	16.349	11.529	10.238	10.052	12.230	8.032
CM09S	16.761	16.966	11.278	14.119	14.736	12.037	10.302	9.619	11.358	6.936
CM10N	42.314	32.384	21.986	25.984	24.327	18.171	18.768	17.940	14.440	15.963
CM10S	36.364	29.882	26.940	25.514	25.795	17.593	20.906	22.137	19.619	16.331
CM11E	61.901	32.548	26.691	39.819	39.518	31.033	37.172	28.546	21.916	21.640
CM11W	36.144	34.274	32.906	40.157	39.463	31.298	32.103	28.066	17.970	17.979
CM12E							4.432	1.075	0.547	3.251
CM12W							5.547	1.078	1.683	4.214
Summary	43.849	29.995	24.121		25.842	23.044	22.877	22.122	22.974	20.152
Change		-13.854	-5.874		1.721	-2.798	-0.167	-0.755	0.853	-2.823
Significance		0.000	0.000		0.129	0.017	0.956	0.566	0.702	0.005

Note: these roads were 60 km/h in 2002

Table B.15

## Adelaide 50 km/h collector road results for each site in each direction of travel - per cent above 60 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	10.049	7.937	3.887	6.729	5.725	4.723	4.611	5.869	2.941	1.121
CM01W	6.091	6.265	3.223	7.229	6.794	3.390	3.738	6.240	4.549	1.172
CM02N	3.544	4.921	3.588	2.275	2.201	4.248	2.845	2.668	2.948	1.963
CM02S	1.661	2.363	1.645	0.997	1.338	2.169	6.233	2.927	2.414	2.073
CM03N	62.307	26.189	17.539	21.513	22.232	17.010	13.982	12.461	14.705	14.889
CM03S	39.427	19.952	13.296	11.258	11.444	14.788	10.113	10.825	12.948	8.143
CM04E	49.351	30.667	18.959	8.348	7.812	11.271	16.555	16.692	49.975	8.044
CM04W	49.643	45.679	18.630	12.051	12.223	7.419	23.933	30.541	44.956	17.768
CM05E	21.517	14.269	8.933	12.182	11.340					
CM05W	19.328	9.599	8.000	8.997	8.855					
CM06E	43.420	29.338	20.917	27.950	28.362	26.717	24.071	23.912	23.296	21.023
CM06W	65.629	41.423	27.291	27.310	27.526	29.001	28.776	27.845	24.302	25.327
CM07N	48.403	27.211	24.008	26.016	24.416	24.236	22.635	17.100	19.655	15.762
CM07S	43.416	39.073	34.663	28.866	30.332	22.883	22.133	15.708	28.331	20.760
CM08E	21.362	8.665	3.367	4.125	3.813	2.992	2.038	2.925	3.677	2.662
CM08W	16.146	7.156	2.412	2.975	3.104	2.530	1.630	2.290	2.843	3.342
CM09N	14.218	4.917	4.128	5.052	4.946	3.011	2.699	2.846	3.107	2.144
CM09S	4.830	4.354	3.121	3.781	4.235	3.404	2.915	2.443	2.760	1.641
CM10N	21.613	12.100	8.156	9.055	9.017	6.546	5.679	6.424	4.721	5.561
CM10S	16.601	13.609	9.517	9.932	9.406	5.685	6.925	7.910	6.688	5.513
CM11E	29.658	12.129	10.809	16.499	15.620	12.261	15.222	10.436	8.233	7.744
CM11W	8.848	11.072	11.396	14.405	14.591	10.642	11.507	9.518	4.975	5.313
CM12E							1.272	0.319	0.124	0.532
CM12W							1.242	0.199	0.354	0.780
Summary	21.599	12.454	8.383		9.211	7.888	7.487	7.319	7.527	6.527
Change		-9.146	-4.071		0.829	-1.324	-0.401	-0.168	0.208	-1.000
Significance		0.000	0.000		0.210	0.036	0.674	0.371	0.775	0.003

Note: these roads were 60 km/h in 2002

Table B.16

## Adelaide 50 km/h collector road results for each site in each direction of travel - per cent above 65 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CM01E	3.079	2.309	1.609	1.615	1.639	1.428	1.726	1.833	0.909	0.317
CM01W	0.888	2.211	0.906	1.668	1.615	0.727	0.971	1.607	0.938	0.200
CM02N	1.104	1.400	1.278	0.607	0.774	1.236	0.959	0.941	0.838	0.684
CM02S	0.332	0.844	0.682	0.217	0.573	0.658	2.294	0.906	0.768	0.640
CM03N	31.215	11.920	7.432	8.101	9.121	6.700	5.124	4.169	5.306	5.147
CM03S	17.502	7.799	4.886	4.308	4.331	5.701	3.841	3.652	4.541	2.597
CM04E	22.449	12.178	7.319	3.614	2.803	3.647	5.905	5.620	26.084	2.174
CM04W	20.387	23.560	7.049	4.373	3.730	1.994	9.022	11.903	21.876	5.881
CM05E	8.706	4.718	3.712	4.319	3.722					
CM05W	7.038	2.848	2.857	3.093	2.981					
CM06E	20.845	14.511	9.933	13.665	13.918	12.954	11.380	10.929	10.349	8.382
CM06W	34.994	22.109	11.883	10.903	11.738	12.550	13.614	12.275	10.407	9.779
CM07N	26.891	13.265	11.310	12.520	11.661	11.477	9.760	6.971	8.557	6.460
CM07S	23.045	20.751	18.703	13.402	13.753	10.272	9.719	6.819	13.203	7.833
CM08E	5.166	2.709	1.122	1.265	1.114	0.921	0.644	0.847	1.082	0.751
CM08W	3.371	2.204	0.835	0.695	0.833	0.614	0.428	0.643	0.799	0.779
CM09N	3.496	1.699	1.425	1.833	1.572	0.741	0.741	0.802	0.769	0.624
CM09S	1.015	1.122	0.791	1.126	1.175	0.817	0.752	0.637	0.690	0.339
CM10N	7.610	5.338	3.369	2.953	2.874	1.652	1.604	2.102	1.728	1.799
CM10S	5.665	3.698	3.221	2.911	2.892	1.946	2.499	2.671	2.279	1.725
CM11E	9.658	4.188	4.265	6.018	5.305	4.198	5.519	3.514	2.748	2.549
CM11W	1.920	3.808	4.345	4.910	4.603	3.331	3.557	3.091	1.438	1.561
CM12E							0.433	0.146	0.062	0.154
CM12W							0.410	0.059	0.118	0.211
Summary	6.482	4.199	2.862		2.937	2.342	2.318	2.081	2.023	1.682
Change		-2.283	-1.337		0.074	-0.594	-0.024	-0.237	-0.058	-0.341
Significance		0.001	0.000		1.000	0.019	0.869	0.098	0.924	0.000

Note: these roads were 60 km/h in 2002

Table B.17  
Adelaide 60 km/h arterial road results for each site in each direction of travel - vehicle count

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	4662	6181	5027	5129	34260	34941	36402	36425	34981	33146
AA01W	4865	6975	5304	5203	35663	36497	38204	37694	35788	35063
AA02E	10536	10959	10771	11718	75334	76163	78134	77425	71028	77177
AA02W	11360	11658	12717	13416	85120	86295	88724	87709	80951	87516
AA03N	11202	11209	12328	12713	80909	76446	82971	81455	78961	82511
AA03S	10239	10649	10404	10004	69181	66185	70947	68052	67327	69219
AA04E					45081	44219	45995	46677	46422	49119
AA04W					43931	43290	45666	44954	44461	45912
AA05N					56899	54324	56246	57539	58426	58164
AA05S					55564	53546	53092	57096	57850	57151
AA06N					62556	63009	65375	63499	62986	63074
AA06S					63480	63991	66703	66038	65137	64584
AB01N	7753	7777	7399	6939	46791	44364	43945	51358		
AB01S	8201	8739	7919	7465	49064	46172	45294	50282		
AB02E					55728	54081	51795	54586	52410	
AB02W					58657	56492	55475	57975	56619	
AB03N					65326	64783	59320	65847	69801	65031
AB03S					68552	68590	70723	70789	69303	68396
AB04E					60635	58210	59590	58749	59518	
AB04W					57887	56310	57777	58038	57618	
AB05E					76941	75830	80274	75977	74328	
AB05W					81768	80916	84608	77693	76014	
AB06E					45604	39144	47233	41898		46958
AB06W					46233	40221		42999		42302
AC01N	10008	10182	9009	10274	68729	70876	73407	66270	68273	65173
AC01S	9568	10235	9096	9675	64969	64576	67421	64727	65569	62569
AC02E	4501	3924	4829	4807	30611	28176	31208	26819		20369
AC02W	2526	1666	2772	3106	18730	17287	21511	17654		15804
AC03N					21742	22002	26253	23411	21772	25669
AC03S					35372	35498	45301	38912	41442	42848
AC04N					31794	29224	35725	38422	40146	27853
AC04S					38300	38194	34406	34691	35102	37049
AC05N					66497	65414	67971	65982	67007	
AC05S					69101	66501	69723	66641	69680	
AC06N					38888	36584	46752	43748	42452	41358
AC06S					38734	39602	45724	44453	42253	42595
AD01N	9449	9687	10868	11527	76222	78305	77819	76797	77571	77073
AD01S	7409	7251	8357	8447	56650	56603	60681	59859	61069	59311
AD02E	2985	2978	3001	3312	22001	22310	22061	22070	23108	23726
AD02W	2738	2233	2267	2791	17969	18014	17836	18096	19115	21101
AD03N	9915	8966	9213	9379	60937	59447	57210	58616	62949	
AD03S	9347	9507	9703	9818	64460	63267	58724	64466	65564	63795
AD04E	6175	6534	6504	7485	51448	50792	52408	51672	52248	51675
AD04W	5696	6007	6180	6613	46758	44265	47587	44816	44506	42938
AD05N					50895	54364	53234	52310		48336
AD05S					49838	52818	51261	51050	49992	46515
AD06N					35832	33131	37513	34415	32865	
AD06S					37201	37344	34509	40802	36540	
AD07E					45132	43294	46824	45196	46984	46731
AD07W					46445	43978	47297	45599	48671	49159
AD08N					44245	49381	47957	44718	44540	43023
AD08S					31567	36844	35115	31992	32043	29394
AD09N					44112	46113	44020	46855	48880	48238
AD09S					40575	41872	40759	47322	45763	45011



Table B.18  
Adelaide 60 km/h arterial road results for each site in each direction of travel - mean speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	57.528	55.428	56.105	57.553	57.818	54.656	55.906	55.220	55.496	53.845
AA01W	55.436	53.952	54.736	56.517	56.454	54.961	55.143	54.683	53.756	54.122
AA02E	60.741	60.361	59.043	59.270	59.488	58.218	58.174	58.642	57.368	57.637
AA02W	59.427	57.707	56.655	56.246	57.058	55.479	54.863	55.307	53.744	53.719
AA03N	51.741	52.111	52.051	48.863	50.620	48.943	48.548	48.575	49.564	50.057
AA03S	52.146	50.097	51.012	48.995	50.190	50.680	51.040	51.173	50.472	51.103
AA04E					56.717	55.163	54.858	55.433	57.778	54.041
AA04W					56.820	55.915	55.612	56.245	54.122	54.133
AA05N					57.471	55.996	56.517	54.898	57.128	52.888
AA05S					56.908	55.222	55.086	54.315	56.692	52.296
AA06N					58.242	55.885	56.425	56.454	62.791	54.018
AA06S					56.981	57.297	54.401	55.486	56.952	54.786
AB01N	58.617	55.939	55.157	55.725	56.101	52.553	53.734	54.272		
AB01S	58.899	56.376	53.729	55.576	55.469	54.814	54.170	53.726		
AB02E					56.350	56.950	58.503	57.246	56.518	
AB02W					57.142	55.392	57.064	56.864	56.566	
AB03N					52.442	53.200	53.510	52.662	55.277	52.744
AB03S					56.061	55.767	55.548	54.028	53.454	53.973
AB04E					56.037	54.949	55.361	55.783	54.953	
AB04W					56.344	55.920	55.464	56.398	56.050	
AB05E					50.066	47.056	48.929	49.316	49.895	
AB05W					53.864	51.529	51.461	51.600	51.898	
AB06E					55.074	55.294	54.633	54.084		56.311
AB06W					55.221	56.159		55.117		56.774
AC01N	52.376	52.242	50.705	52.098	52.385	52.431	49.623	48.033	46.532	50.758
AC01S	51.284	52.954	50.668	52.766	53.229	52.096	52.172	51.329	54.265	52.310
AC02E	54.280	50.649	50.525	52.875	53.063	52.661	52.802	53.372		52.890
AC02W	56.955	54.424	55.152	54.235	54.082	54.971	55.396	55.014		56.458
AC03N					57.913	58.172	57.893	57.660	56.019	57.411
AC03S					56.651	57.210	56.229	56.361	52.954	54.728
AC04N					53.421	52.924	52.620	53.452	55.651	54.259
AC04S					54.773	56.248	55.380	54.151	53.056	54.020
AC05N					56.169	54.495	55.709	54.562	54.457	
AC05S					55.093	55.239	54.561	54.662	55.346	
AC06N					57.001	56.489	56.656	55.777	55.581	54.606
AC06S					56.789	57.872	56.052	55.619	56.229	57.331
AD01N	62.421	61.278	60.583	60.024	60.101	58.680	60.820	59.820	58.822	60.150
AD01S	61.682	59.587	59.224	53.919	56.726	57.683	57.298	57.281	56.152	56.337
AD02E	59.025	58.554	58.758	60.294	60.345	59.490	60.289	60.387	55.682	58.673
AD02W	58.726	59.946	59.235	58.493	58.381	57.588	57.771	57.485	59.149	58.871
AD03N	59.544	60.521	60.464	59.951	59.775	58.511	58.373	58.561	58.866	
AD03S	61.617	61.708	59.593	59.274	58.852	58.115	59.476	58.586	57.643	58.020
AD04E	57.798	59.192	51.941	56.381	56.984	56.156	55.925	55.491	54.986	55.390
AD04W	68.425	66.955	56.320	60.224	60.691	57.540	59.255	56.548	56.710	57.987
AD05N					62.278	61.611	59.214	59.111		60.060
AD05S					64.067	62.749	62.567	60.369	60.741	61.426
AD06N					58.029	59.428	57.382	54.831	55.914	
AD06S					59.530	58.719	58.066	57.196	55.989	
AD07E					50.698	48.287	50.077	49.904	50.456	48.792
AD07W					56.186	56.170	55.371	55.631	56.152	53.943
AD08N					59.189	60.891	59.828	57.755	60.187	58.474
AD08S					59.662	59.198	58.133	58.716	56.142	53.155
AD09N					63.853	60.904	60.281	59.539	59.887	59.552
AD09S					62.732	61.810	61.806	60.285	59.728	60.392
Summary	58.370	57.064	56.361		56.758	55.956	55.817	55.531	55.426	55.524
Change		-1.307	-0.703		0.397	-0.802	-0.139	-0.286	-0.105	0.098
Significance		0.012	0.017		0.368	0.000	0.533	0.005	0.954	0.330

Table B.19  
Adelaide 60 km/h arterial road results for each site in each direction of travel - median speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	57.560	55.640	56.320	57.600	57.800	54.700	56.100	55.300	55.500	54.100
AA01W	55.970	54.370	55.030	56.800	56.800	55.200	55.400	55.000	54.000	54.500
AA02E	61.200	60.810	59.530	59.800	60.000	58.800	58.600	59.200	58.000	58.200
AA02W	59.370	58.540	57.700	57.500	58.100	56.800	56.100	56.700	54.800	55.500
AA03N	52.730	53.270	53.100	50.300	51.900	50.400	49.900	49.900	51.100	51.000
AA03S	53.630	51.270	52.230	50.100	51.400	52.300	52.100	52.300	51.600	52.200
AA04E					57.300	55.900	55.500	56.100	58.500	54.900
AA04W					57.600	56.700	56.300	57.000	54.900	55.200
AA05N					58.100	56.900	57.400	56.000	57.700	53.500
AA05S					57.800	57.000	56.200	55.400	57.500	53.200
AA06N					58.800	56.900	57.300	57.000	63.600	54.700
AA06S					57.500	57.700	55.500	56.100	57.700	55.600
AB01N	59.060	56.510	55.720	56.200	56.600	52.800	54.300	54.800		
AB01S	59.840	57.260	54.520	56.400	56.400	55.400	55.100	54.500		
AB02E					56.800	57.800	58.900	57.700	57.100	
AB02W					57.500	56.200	57.400	57.200	57.000	
AB03N					54.000	54.000	54.000	53.400	56.200	53.600
AB03S					57.400	56.400	56.100	54.600	54.200	54.500
AB04E					56.700	56.400	56.000	56.400	55.600	
AB04W					56.900	56.800	55.900	56.900	56.600	
AB05E					51.900	49.100	50.400	50.500	51.300	
AB05W					54.800	52.700	52.900	52.900	53.300	
AB06E					55.500	55.800	55.200	54.700		56.800
AB06W					55.500	56.600		55.800		57.300
AC01N	54.680	53.900	52.360	54.500	54.800	53.600	51.700	50.600	48.900	53.200
AC01S	53.260	54.910	53.350	54.800	55.100	53.500	54.400	53.100	56.400	54.200
AC02E	54.980	51.240	51.060	53.400	53.500	53.000	53.200	53.900		53.400
AC02W	57.290	54.730	55.800	54.900	54.400	55.400	55.800	55.500		56.900
AC03N					58.800	60.400	59.100	58.400	57.000	58.500
AC03S					57.100	57.900	57.000	56.700	53.400	55.200
AC04N					55.900	55.700	55.100	54.900	57.200	55.800
AC04S					56.200	57.300	56.900	55.300	55.100	56.200
AC05N					56.800	55.300	56.300	55.300	55.300	
AC05S					56.200	56.600	55.700	56.000	56.100	
AC06N					57.800	57.200	57.300	56.400	56.200	55.100
AC06S					57.100	58.400	56.600	56.100	56.700	57.800
AD01N	62.090	61.170	60.460	60.000	60.100	60.300	60.800	59.800	58.800	60.100
AD01S	61.710	60.670	59.550	57.800	58.400	59.800	57.800	57.900	57.600	56.600
AD02E	59.230	58.730	59.190	60.900	60.800	59.700	60.400	60.800	56.000	58.800
AD02W	58.880	60.250	59.460	59.100	59.000	58.000	58.200	59.100	59.500	59.200
AD03N	61.120	60.450	60.620	60.200	60.400	58.800	58.900	59.000	59.100	
AD03S	61.740	61.780	60.080	59.600	59.500	58.500	59.600	58.900	58.200	58.300
AD04E	59.350	59.090	52.970	56.900	57.500	56.800	56.700	56.000	55.700	56.100
AD04W	68.480	66.290	58.250	60.600	61.000	58.100	59.800	57.500	57.500	59.300
AD05N					62.200	61.600	59.100	59.100		60.100
AD05S					63.700	62.400	62.200	60.100	60.500	61.200
AD06N					58.600	59.900	57.700	55.800	57.000	
AD06S					59.900	59.100	58.400	58.000	56.300	
AD07E					53.500	51.100	52.800	52.700	53.300	51.500
AD07W					56.300	56.300	55.500	55.900	56.300	54.100
AD08N					59.800	61.500	60.400	59.200	60.200	59.100
AD08S					60.100	60.300	59.300	59.100	58.500	56.600
AD09N					64.000	61.100	60.500	60.100	60.600	60.100
AD09S					62.300	61.600	61.700	60.500	59.700	60.400
Summary	58.740	57.865	57.075		57.450	56.650	56.450	56.150	56.150	56.150
Change		-0.875	-0.790		0.375	-0.800	-0.200	-0.300	0.000	0.000
Significance		0.004	0.012		0.245	0.001	0.193	0.002	0.947	0.279

Table B.20

Adelaide 60 km/h arterial road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	62.610	60.920	60.960	62.600	62.900	59.500	60.800	59.900	60.300	58.800
AA01W	61.940	60.370	60.560	62.400	62.400	60.700	60.700	60.100	59.000	59.600
AA02E	65.340	65.430	63.640	63.900	64.300	62.900	62.700	63.400	62.200	62.200
AA02W	64.620	64.340	63.320	63.100	63.600	62.400	61.400	62.200	60.200	61.500
AA03N	59.000	59.620	59.230	57.200	58.200	57.400	56.400	56.700	57.800	57.500
AA03S	60.280	58.270	58.340	57.100	57.500	58.100	57.900	58.100	57.300	58.000
AA04E					61.700	60.100	59.800	60.300	63.200	59.200
AA04W					62.000	61.100	60.500	61.200	59.000	59.300
AA05N					62.800	61.600	62.000	60.600	62.400	57.900
AA05S					62.500	61.800	60.800	59.800	62.100	57.500
AA06N					63.500	61.900	62.200	61.500	68.700	59.200
AA06S					62.300	62.100	60.500	60.800	62.600	60.300
AB01N	63.750	61.260	60.480	60.900	61.400	57.600	59.000	59.500		
AB01S	64.710	61.660	59.430	60.900	61.100	60.100	59.500	59.100		
AB02E					61.200	62.700	63.600	62.500	61.600	
AB02W					62.100	60.900	61.800	61.800	61.500	
AB03N					58.800	58.800	58.800	58.200	61.200	58.400
AB03S					61.800	60.700	60.300	58.900	58.700	58.700
AB04E					61.300	61.200	60.600	61.000	60.100	
AB04W					61.200	61.100	60.200	61.200	60.700	
AB05E					60.200	56.700	58.400	58.200	59.500	
AB05W					61.100	58.700	59.000	58.900	59.400	
AB06E					59.800	60.400	59.800	59.000		61.100
AB06W					59.700	60.800		60.200		61.500
AC01N	61.190	60.960	59.120	61.000	61.200	59.600	58.500	57.500	56.100	60.400
AC01S	58.890	60.900	59.560	61.100	61.100	58.900	60.600	59.000	62.700	60.000
AC02E	61.000	56.740	56.360	59.300	59.200	58.500	58.700	59.200		58.600
AC02W	63.630	60.760	61.420	60.700	60.100	61.600	61.400	61.200		62.600
AC03N					63.500	65.200	63.900	62.900	61.300	62.900
AC03S					61.700	62.800	61.900	61.300	57.700	59.700
AC04N					61.600	61.900	60.700	60.500	62.700	61.200
AC04S					62.400	63.600	63.200	61.700	61.100	62.200
AC05N					61.500	59.900	61.100	59.800	59.900	
AC05S					61.200	61.400	60.500	60.700	61.000	
AC06N					62.600	61.800	61.800	60.800	60.700	59.400
AC06S					61.900	63.100	61.200	60.600	61.300	62.300
AD01N	66.550	65.450	64.360	63.900	64.000	64.700	64.800	63.700	62.600	63.900
AD01S	66.370	65.630	63.950	62.500	62.900	64.300	62.100	62.100	61.800	60.500
AD02E	64.890	64.160	63.900	65.700	65.900	64.500	65.300	65.600	60.500	63.300
AD02W	64.060	65.740	64.780	64.200	64.100	62.900	63.100	64.600	64.600	64.200
AD03N	65.460	64.760	64.510	64.100	64.400	62.600	62.800	62.800	62.900	
AD03S	66.160	66.140	64.010	63.300	63.400	62.100	63.400	62.600	61.900	61.800
AD04E	64.570	63.870	59.940	61.700	62.200	61.800	61.500	60.800	60.800	61.100
AD04W	76.180	74.760	64.300	65.200	65.700	62.600	64.400	61.800	61.800	63.800
AD05N					66.100	65.500	62.800	62.600		63.500
AD05S					67.900	66.500	66.300	63.800	64.300	64.900
AD06N					63.100	64.300	62.500	60.300	61.500	
AD06S					64.300	63.300	62.600	62.600	60.500	
AD07E					60.100	57.800	59.500	59.300	60.100	57.800
AD07W					60.900	60.800	60.200	60.200	60.900	58.800
AD08N					63.900	65.800	64.500	63.300	64.300	63.300
AD08S					64.200	64.400	63.400	63.200	63.000	61.200
AD09N					68.700	65.600	64.800	64.300	64.700	64.300
AD09S					67.200	66.000	66.000	64.800	63.700	64.400
Summary	63.535	62.800	61.810		62.150	61.300	61.000	60.600	60.600	60.400
Change		-0.735	-0.990		0.340	-0.850	-0.300	-0.400	0.000	-0.200
Significance		0.007	0.000		0.202	0.002	0.105	0.001	0.849	0.191

Table B.21

Adelaide 60 km/h arterial road results for each site in each direction of travel - per cent above 60 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	30.438	19.431	20.430	29.869	32.353	12.824	18.974	14.457	16.077	9.721
AA01W	25.036	16.459	17.176	26.831	26.994	17.928	18.084	15.281	10.585	12.883
AA02E	60.991	57.414	45.038	47.218	49.619	37.236	35.810	41.723	30.150	31.568
AA02W	45.070	39.870	33.962	32.074	36.091	27.977	21.948	26.897	15.501	22.141
AA03N	11.391	13.516	12.046	6.930	8.856	6.917	4.820	5.339	7.578	7.100
AA03S	16.037	9.250	9.093	6.347	6.814	7.941	7.463	8.070	5.891	7.703
AA04E					25.660	15.441	13.571	16.528	36.894	10.584
AA04W					27.589	21.393	17.451	22.423	10.191	11.328
AA05N					33.108	24.216	27.657	17.736	30.062	6.207
AA05S					31.247	25.761	19.082	13.533	28.506	5.104
AA06N					39.352	25.955	28.286	24.268	73.570	10.832
AA06S					29.130	28.932	17.215	19.174	30.949	16.498
AB01N	41.029	22.014	17.556	19.181	22.714	6.118	10.370	12.606		
AB01S	48.884	26.559	12.325	20.121	20.897	15.440	12.406	10.310		
AB02E					22.141	31.935	39.737	30.563	24.814	
AB02W					27.674	19.826	26.392	25.752	23.690	
AB03N					9.610	9.734	9.602	7.836	21.590	8.196
AB03S					26.905	18.698	16.703	9.766	9.023	8.805
AB04E					22.601	21.769	18.317	20.519	15.180	
AB04W					21.939	21.611	15.603	22.018	19.308	
AB05E					15.514	5.239	9.565	8.859	12.922	
AB05W					19.553	9.920	10.868	10.574	12.573	
AB06E					13.440	16.950	13.806	9.996		22.041
AB06W					13.384	19.743		15.586		25.053
AC01N	20.244	18.867	11.622	19.467	20.175	13.213	9.822	7.178	4.199	16.416
AC01S	10.901	19.033	13.248	19.669	19.806	9.991	17.483	10.703	28.286	14.980
AC02E	19.551	6.014	4.742	12.253	11.836	9.480	10.484	11.846		9.397
AC02W	33.373	17.887	21.861	17.160	15.152	21.455	21.412	20.347		28.638
AC03N					38.823	52.959	42.071	35.039	22.593	35.202
AC03S					25.212	32.658	25.595	22.299	6.030	13.062
AC04N					22.746	23.683	18.060	16.915	30.130	21.294
AC04S					26.718	33.126	31.125	22.510	19.985	26.020
AC05N					23.896	14.330	20.498	13.880	14.019	
AC05S					20.913	22.616	17.324	18.176	19.760	
AC06N					31.308	26.031	26.296	19.567	18.699	11.630
AC06S					25.897	35.829	21.654	18.215	22.479	30.464
AD01N	71.500	61.154	55.006	49.909	50.276	52.052	57.706	47.445	36.225	50.542
AD01S	66.109	56.061	45.267	31.112	34.957	47.439	29.085	29.227	26.601	17.823
AD02E	43.819	39.557	42.819	56.250	55.916	46.611	53.511	56.756	16.990	38.317
AD02W	41.381	51.948	45.302	42.207	41.883	32.886	34.240	42.916	45.592	43.036
AD03N	60.787	54.294	56.637	50.997	53.458	36.288	37.848	38.768	39.615	
AD03S	66.588	67.319	50.613	44.408	43.774	32.159	45.089	36.709	29.551	29.540
AD04E	44.308	40.756	14.806	24.903	28.792	25.307	23.246	18.989	19.327	20.803
AD04W	87.465	84.718	38.754	54.983	58.221	32.888	47.427	26.977	26.572	43.232
AD05N					73.245	66.185	38.398	37.966		50.037
AD05S					85.230	76.095	73.686	50.031	54.803	63.969
AD06N					36.827	48.109	30.240	16.019	24.032	
AD06S					48.480	40.277	33.907	32.270	17.745	
AD07E					15.156	6.641	12.729	11.875	15.088	6.591
AD07W					19.847	19.371	15.570	15.645	19.558	9.506
AD08N					47.608	63.484	53.754	41.332	51.159	40.527
AD08S					50.648	52.608	42.640	40.441	36.276	21.821
AD09N					82.581	61.037	54.784	50.046	55.252	50.815
AD09S					71.510	66.082	67.237	55.070	46.369	53.638
Summary	37.082	31.235	25.389		27.292	21.820	19.825	17.729	17.869	17.521
Change		-5.847	-5.846		1.903	-5.471	-1.995	-2.096	0.140	-0.348
Significance		0.004	0.002		0.202	0.003	0.108	0.001	0.904	0.272

Table B.22

Adelaide 60 km/h arterial road results for each site in each direction of travel - per cent above 65 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	8.044	4.190	3.899	7.116	7.837	2.530	3.585	2.721	3.062	1.810
AA01W	6.372	3.656	3.865	7.227	6.889	4.041	3.803	2.993	2.051	2.515
AA02E	16.989	17.091	9.163	9.951	11.456	6.461	6.343	8.187	4.912	4.738
AA02W	13.521	12.790	8.791	8.236	9.750	6.412	4.719	6.279	3.101	5.140
AA03N	2.384	3.212	2.555	1.211	1.669	1.273	0.840	0.922	1.236	1.113
AA03S	3.692	1.878	1.596	1.150	1.162	1.234	1.209	1.371	0.905	1.146
AA04E					4.838	2.933	2.515	2.749	8.113	1.714
AA04W					5.424	3.733	2.952	3.624	1.727	1.812
AA05N					7.167	4.812	5.172	2.807	5.850	0.863
AA05S					6.211	4.968	2.929	1.944	4.837	0.646
AA06N					8.760	5.225	5.331	4.017	38.736	1.590
AA06S					5.911	5.001	2.937	3.166	6.462	2.547
AB01N	10.009	4.115	3.176	3.718	4.317	1.235	1.597	1.916		
AB01S	13.547	4.383	1.894	2.907	3.078	2.328	1.448	1.108		
AB02E					3.953	6.906	9.242	6.408	4.530	
AB02W					5.384	3.452	4.609	4.780	3.857	
AB03N					1.456	1.405	1.483	1.206	3.440	1.096
AB03S					4.262	2.559	2.295	1.267	1.312	1.028
AB04E					4.085	3.747	3.069	3.592	2.292	
AB04W					3.407	3.296	2.153	3.310	2.603	
AB05E					3.777	1.015	1.788	1.636	2.750	
AB05W					4.827	1.788	1.867	1.812	2.468	
AB06E					1.756	2.435	1.713	1.224		2.864
AB06W					1.817	2.752		2.012		3.570
AC01N	5.226	4.783	2.642	4.127	4.682	2.547	2.151	1.627	0.724	3.400
AC01S	1.954	4.123	2.397	4.320	4.288	1.575	3.373	1.757	7.202	2.405
AC02E	4.910	1.580	0.953	3.412	3.277	2.442	2.640	2.647		2.106
AC02W	10.966	6.242	5.808	3.992	3.572	5.750	5.142	4.413		7.606
AC03N					9.360	15.671	10.597	7.723	4.543	7.320
AC03S					5.060	6.767	5.463	4.096	1.096	1.942
AC04N					5.523	5.985	3.768	3.495	7.161	4.018
AC04S					6.969	10.227	8.903	5.477	4.316	5.997
AC05N					4.462	2.230	3.432	2.054	2.197	
AC05S					4.169	4.398	3.174	3.051	4.265	
AC06N					7.066	5.057	5.044	3.426	3.465	1.920
AC06S					5.205	7.942	3.858	2.945	4.071	5.632
AD01N	23.854	17.281	12.063	9.569	10.208	13.251	13.614	8.938	5.654	9.722
AD01S	21.717	17.363	10.781	6.547	7.407	11.588	5.384	5.384	4.606	2.856
AD02E	14.305	12.324	11.096	18.478	18.672	12.703	16.001	17.626	3.821	9.167
AD02W	11.651	18.361	14.160	11.716	11.319	7.705	8.359	13.345	13.241	11.762
AD03N	17.670	13.607	12.244	10.353	11.743	5.740	6.001	5.879	6.280	
AD03S	21.526	21.405	9.966	7.690	8.019	4.511	7.702	5.477	4.202	3.917
AD04E	13.441	10.882	3.321	4.556	5.755	4.644	4.221	3.160	3.143	3.330
AD04W	67.679	57.966	12.055	15.772	18.138	6.549	12.022	4.817	4.435	9.570
AD05N					21.859	17.955	6.366	5.750		7.992
AD05S					35.407	24.242	22.536	9.446	11.402	14.178
AD06N					8.024	11.545	6.411	3.086	4.777	
AD06S					11.352	7.755	6.094	6.210	2.827	
AD07E					2.546	0.862	1.961	1.783	2.352	0.884
AD07W					3.199	3.197	2.389	2.048	3.166	1.249
AD08N					9.850	19.088	12.497	7.880	11.823	8.158
AD08S					10.983	11.921	7.829	7.471	7.097	3.460
AD09N					40.497	17.691	14.032	11.497	13.582	11.348
AD09S					26.891	19.978	20.030	13.634	9.385	11.784
Summary	9.546	6.908	4.975		5.639	3.951	3.534	3.045	3.084	2.800
Change		-2.638	-1.934		0.665	-1.688	-0.418	-0.488	0.039	-0.284
Significance		0.005	0.000		0.571	0.004	0.019	0.000	0.863	0.258

Table B.23

Adelaide 60 km/h arterial road results for each site in each direction of travel - per cent above 70 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	2.188	0.987	0.756	1.638	1.769	0.650	0.874	0.637	0.843	0.468
AA01W	1.871	0.832	1.018	1.903	1.657	0.992	0.851	0.703	0.500	0.590
AA02E	3.455	3.732	1.736	1.587	2.008	1.192	1.245	1.434	0.908	0.886
AA02W	3.864	3.534	2.328	1.968	2.363	1.371	1.177	1.559	0.777	1.213
AA03N	0.661	0.767	0.738	0.260	0.404	0.296	0.233	0.244	0.258	0.231
AA03S	0.918	0.573	0.365	0.330	0.327	0.289	0.269	0.276	0.211	0.238
AA04E					1.269	0.866	0.770	0.765	1.467	0.558
AA04W					1.514	1.023	0.850	0.912	0.517	0.540
AA05N					1.624	1.268	1.122	0.631	1.214	0.249
AA05S					1.274	1.121	0.639	0.490	0.792	0.161
AA06N					1.731	1.176	1.121	0.783	9.812	0.393
AA06S					1.268	1.006	0.760	0.747	1.251	0.526
AB01N	2.928	0.952	0.635	0.836	0.962	0.509	0.350	0.413		
AB01S	2.902	0.790	0.480	0.469	0.546	0.615	0.280	0.219		
AB02E					0.885	1.466	2.023	1.394	0.899	
AB02W					1.217	0.795	0.945	1.056	0.705	
AB03N					0.387	0.364	0.420	0.342	0.523	0.240
AB03S					0.766	0.526	0.467	0.294	0.304	0.256
AB04E					1.016	0.830	0.821	0.875	0.519	
AB04W					0.700	0.700	0.486	0.653	0.541	
AB05E					0.986	0.311	0.458	0.433	0.592	
AB05W					1.115	0.431	0.412	0.427	0.505	
AB06E					0.388	0.470	0.373	0.277		0.437
AB06W					0.459	0.602		0.444		0.527
AC01N	1.279	1.346	0.766	0.730	1.010	0.642	0.599	0.438	0.198	0.631
AC01S	0.512	0.987	0.506	0.982	0.911	0.325	0.697	0.400	1.177	0.476
AC02E	1.622	0.408	0.248	1.144	1.078	0.696	0.766	0.764		0.569
AC02W	3.167	2.041	1.407	0.741	0.918	1.383	1.051	0.969		1.563
AC03N					2.355	3.277	2.365	1.841	1.066	1.636
AC03S					1.153	1.341	1.219	0.869	0.292	0.394
AC04N					1.268	1.393	0.910	0.765	1.345	0.693
AC04S					1.619	2.390	2.055	1.303	0.983	1.341
AC05N					0.929	0.523	0.687	0.452	0.528	
AC05S					1.029	1.023	0.783	0.689	0.976	
AC06N					1.815	1.216	1.268	0.763	0.841	0.525
AC06S					1.257	1.641	0.864	0.673	0.944	1.211
AD01N	5.143	3.737	2.208	1.588	1.889	2.469	2.371	1.488	1.013	1.566
AD01S	5.574	4.937	2.908	1.575	1.841	2.495	1.294	1.290	1.063	0.671
AD02E	4.456	4.063	3.332	4.469	4.877	3.214	4.220	4.921	1.264	2.386
AD02W	3.689	5.464	3.573	2.436	3.161	1.965	2.411	3.901	3.657	3.024
AD03N	3.530	2.822	1.813	1.823	1.954	1.038	1.078	0.909	1.042	
AD03S	4.344	4.534	1.762	1.263	1.433	0.798	1.301	0.934	0.845	0.693
AD04E	3.870	3.551	0.907	0.895	1.258	0.941	1.006	0.726	0.637	0.637
AD04W	42.152	31.463	2.913	3.055	3.785	1.365	2.581	1.098	0.901	1.707
AD05N					3.926	3.011	1.281	1.078		1.235
AD05S					7.809	4.919	4.487	1.904	2.246	2.623
AD06N					1.674	2.415	1.511	0.848	1.214	
AD06S					2.134	1.304	1.211	1.272	0.640	
AD07E					0.487	0.243	0.389	0.354	0.462	0.167
AD07W					0.698	0.705	0.558	0.452	0.620	0.224
AD08N					1.939	3.588	2.375	1.371	2.299	1.555
AD08S					1.898	2.304	1.347	1.325	1.373	0.704
AD09N					10.426	3.903	3.149	2.324	2.651	2.278
AD09S					7.128	4.578	4.333	2.671	1.857	2.346
Summary	2.489	1.975	1.292		1.268	0.932	0.835	0.690	0.704	0.604
Change		-0.515	-0.682		-0.024	-0.336	-0.097	-0.145	0.014	-0.100
Significance		0.008	0.000		0.622	0.002	0.013	0.000	0.814	0.152

Table B.24

Adelaide 60 km/h arterial road results for each site in each direction of travel - per cent above 75 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AA01E	0.686	0.291	0.219	0.585	0.522	0.220	0.294	0.209	0.300	0.154
AA01W	0.576	0.201	0.415	0.653	0.491	0.279	0.314	0.233	0.193	0.171
AA02E	0.978	1.168	0.641	0.606	0.632	0.397	0.408	0.407	0.275	0.259
AA02W	1.461	1.244	0.747	0.678	0.735	0.406	0.411	0.488	0.266	0.400
AA03N	0.170	0.223	0.308	0.087	0.158	0.123	0.100	0.102	0.104	0.087
AA03S	0.361	0.178	0.135	0.170	0.132	0.127	0.100	0.096	0.061	0.071
AA04E					0.506	0.398	0.315	0.341	0.461	0.248
AA04W					0.612	0.420	0.353	0.376	0.216	0.203
AA05N					0.548	0.468	0.361	0.209	0.359	0.086
AA05S					0.405	0.396	0.224	0.191	0.233	0.063
AA06N					0.609	0.384	0.378	0.265	1.839	0.159
AA06S					0.501	0.370	0.279	0.295	0.379	0.167
AB01N	1.200	0.373	0.230	0.432	0.355	0.311	0.143	0.158		
AB01S	0.902	0.263	0.202	0.147	0.161	0.325	0.113	0.078		
AB02E					0.296	0.466	0.566	0.420	0.296	
AB02W					0.425	0.306	0.296	0.345	0.215	
AB03N					0.159	0.133	0.165	0.143	0.133	0.085
AB03S					0.263	0.191	0.180	0.112	0.117	0.076
AB04E					0.373	0.282	0.305	0.272	0.161	
AB04W					0.225	0.243	0.156	0.217	0.177	
AB05E					0.357	0.121	0.152	0.157	0.179	
AB05W					0.379	0.142	0.131	0.130	0.146	
AB06E					0.145	0.186	0.169	0.103		0.117
AB06W					0.186	0.221		0.181		0.132
AC01N	0.520	0.501	0.200	0.185	0.317	0.230	0.196	0.157	0.067	0.175
AC01S	0.146	0.420	0.209	0.248	0.252	0.110	0.172	0.113	0.287	0.131
AC02E	0.578	0.178	0.062	0.437	0.389	0.270	0.250	0.220		0.152
AC02W	0.950	1.321	0.541	0.290	0.262	0.428	0.284	0.306		0.354
AC03N					0.777	0.945	0.708	0.692	0.331	0.471
AC03S					0.353	0.425	0.393	0.236	0.084	0.128
AC04N					0.333	0.431	0.316	0.255	0.284	0.205
AC04S					0.449	0.660	0.648	0.435	0.308	0.372
AC05N					0.301	0.164	0.200	0.132	0.193	
AC05S					0.342	0.334	0.278	0.210	0.306	
AC06N					0.684	0.484	0.496	0.258	0.294	0.218
AC06S					0.418	0.510	0.311	0.261	0.310	0.331
AD01N	1.852	1.187	0.745	0.512	0.588	0.706	0.616	0.389	0.308	0.453
AD01S	1.917	1.738	1.041	0.556	0.646	0.834	0.427	0.423	0.347	0.212
AD02E	1.876	1.578	0.866	1.449	1.645	1.049	1.482	1.790	0.472	0.835
AD02W	1.351	2.687	1.235	0.860	1.046	0.705	0.779	1.420	1.271	0.962
AD03N	1.099	0.803	0.488	0.416	0.504	0.323	0.276	0.194	0.275	
AD03S	1.359	1.210	0.453	0.316	0.391	0.254	0.392	0.264	0.265	0.193
AD04E	1.393	1.301	0.338	0.307	0.435	0.272	0.324	0.254	0.168	0.157
AD04W	19.294	14.400	0.696	0.741	0.969	0.454	0.731	0.339	0.265	0.426
AD05N					0.986	0.848	0.419	0.367		0.300
AD05S					2.073	1.274	1.227	0.521	0.662	0.703
AD06N					0.561	0.854	0.538	0.334	0.447	
AD06S					0.608	0.420	0.377	0.343	0.183	
AD07E					0.157	0.097	0.135	0.133	0.123	0.051
AD07W					0.233	0.234	0.178	0.138	0.187	0.096
AD08N					0.581	0.962	0.684	0.376	0.615	0.407
AD08S					0.535	0.684	0.382	0.378	0.350	0.174
AD09N					2.716	1.102	0.909	0.627	0.708	0.634
AD09S					1.917	1.239	1.097	0.718	0.481	0.651
Summary	1.041	0.841	0.463		0.430	0.341	0.308	0.269	0.260	0.215
Change		-0.200	-0.378		-0.033	-0.089	-0.032	-0.039	-0.009	-0.045
Significance		0.036	0.000		0.674	0.004	0.004	0.000	0.386	0.054

**Table B.25**  
Adelaide 80 km/h arterial road results for each site in each direction of travel - vehicle count

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	72280	78792	75561	75039	75952	77613
AM01S	63474	69952	67948	62584	65578	69857
AM02N	90919	97797	96153	94685		
AM02S	78057	79370	79949	81339		
AM03N	42130	42735	43686	42558	43423	42700
AM03S	42972	41623	43526	42260	44199	39917
AM04E	40324	40311	40484	40823	40449	
AM04W	37002	35734	36206	35313	33321	
AM05N	49264	49740	49593	50728	54490	53465
AM05S	42701	43477	43113	44273	46091	46516
AM06N	44409	43414	49278	45116	46592	55058
AM06S	54221	54582	59011	58183	59062	65369

**Table B.26**  
Adelaide 80 km/h arterial road results for each site in each direction of travel - mean speed (km/h)

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	80.624	80.777	79.480	78.502	81.173	76.409
AM01S	78.055	78.412	78.313	74.824	77.050	77.638
AM02N	68.498	65.306	68.106	67.328		
AM02S	74.148	69.081	70.923	72.843		
AM03N	71.079	75.099	73.860	72.420	70.931	73.718
AM03S	72.480	75.576	74.466	73.251	69.738	72.972
AM04E	69.261	71.423	70.103	67.444	65.982	
AM04W	74.324	74.225	72.626	65.695	67.391	
AM05N	74.626	74.044	75.516	74.987	72.845	73.454
AM05S	73.870	74.285	74.306	72.792	72.990	72.314
AM06N	79.983	79.035	78.541	78.090	80.984	79.915
AM06S	80.164	79.841	79.637	79.113	77.710	78.165
Summary	74.236	74.263	73.915	72.818	72.215	72.737
Change		0.027	-0.349	-1.097	-0.603	0.522
Significance		1.000	0.677	0.016	0.846	0.945

**Table B.27**  
Adelaide 80 km/h arterial road results for each site in each direction of travel - median speed (km/h)

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	81.000	80.900	79.400	78.600	81.100	76.500
AM01S	78.200	79.200	78.800	76.200	77.900	77.800
AM02N	69.900	66.400	68.700	67.800		
AM02S	74.900	69.600	72.900	74.600		
AM03N	70.700	75.200	74.000	72.600	70.700	74.000
AM03S	72.900	75.800	74.700	73.500	70.300	73.300
AM04E	69.500	71.700	70.200	67.500	66.100	
AM04W	74.600	74.700	72.900	65.800	67.500	
AM05N	74.700	74.100	75.700	75.100	73.000	73.600
AM05S	74.000	74.500	74.600	73.100	73.200	72.500
AM06N	79.700	78.800	78.500	78.100	80.700	80.300
AM06S	80.400	80.700	79.600	79.100	77.600	78.300
Summary	74.650	74.850	74.100	73.050	72.400	72.650
Change		0.200	-0.750	-1.050	-0.650	0.250
Significance		0.733	0.677	0.016	1.000	0.742



Table B.28

Adelaide 80 km/h arterial road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	86.000	86.000	84.100	83.200	85.900	80.800
AM01S	83.400	84.800	84.100	81.600	82.600	82.800
AM02N	77.600	75.200	76.600	75.400		
AM02S	82.000	77.500	79.800	81.400		
AM03N	78.400	81.400	80.300	78.500	78.000	80.100
AM03S	79.500	81.200	80.100	78.900	76.900	78.900
AM04E	76.800	79.500	77.400	73.100	71.500	
AM04W	82.000	81.700	79.700	71.300	73.100	
AM05N	81.000	80.600	82.200	81.500	79.100	79.500
AM05S	79.800	80.300	80.300	79.100	79.000	78.200
AM06N	84.900	83.900	83.800	83.100	86.000	85.500
AM06S	85.300	85.500	84.400	83.700	82.200	82.800
Summary	81.500	81.600	80.700	79.500	79.200	79.500
Change		0.100	-0.900	-1.200	-0.300	0.300
Significance		0.765	0.465	0.012	1.000	0.844

Table B.29

Adelaide 80 km/h arterial road results for each site in each direction of travel - per cent above 80 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	57.804	56.411	44.135	36.510	59.617	19.253
AM01S	34.836	43.546	40.297	22.854	30.631	31.617
AM02N	8.020	5.419	6.149	3.732		
AM02S	23.543	7.946	14.014	21.086		
AM03N	10.496	20.952	16.097	9.453	9.076	15.422
AM03S	13.127	20.690	15.269	10.381	5.824	10.499
AM04E	6.190	13.143	7.386	2.161	1.342	
AM04W	22.461	21.890	13.708	1.589	2.245	
AM05N	19.024	16.896	24.503	21.341	11.611	12.893
AM05S	14.180	16.165	16.011	11.576	11.063	8.840
AM06N	47.315	39.404	37.321	33.507	55.864	51.660
AM06S	52.522	55.207	46.068	41.275	28.133	33.790
Summary	20.742	21.449	17.397	12.557	12.112	13.246
Change		0.707	-4.052	-4.840	-0.445	1.134
Significance		0.677	0.129	0.016	1.000	0.742

Table B.30

Adelaide 80 km/h arterial road results for each site in each direction of travel - per cent above 85 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	19.678	19.689	11.274	8.386	19.233	3.675
AM01S	9.623	14.042	11.602	5.508	6.870	7.724
AM02N	1.692	1.541	1.307	0.691		
AM02S	6.534	2.071	3.044	4.859		
AM03N	3.057	5.506	4.166	2.256	2.363	3.651
AM03S	2.904	4.824	3.359	2.168	1.075	1.921
AM04E	1.371	3.376	1.648	0.708	0.462	
AM04W	6.640	5.994	3.408	0.561	0.708	
AM05N	5.247	4.644	7.277	5.874	2.573	3.028
AM05S	3.553	4.182	3.864	2.719	2.619	2.070
AM06N	14.587	11.084	10.656	8.684	19.267	16.911
AM06S	16.193	17.341	12.281	9.841	6.447	7.490
Summary	5.890	6.210	4.808	3.151	3.154	3.805
Change		0.320	-1.403	-1.657	0.003	0.651
Significance		0.622	0.052	0.007	0.846	0.945

Table B.31

Adelaide 80 km/h arterial road results for each site in each direction of travel - per cent above 90 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	4.503	4.591	2.402	1.768	3.924	0.938
AM01S	2.541	3.800	2.854	1.465	1.528	2.008
AM02N	0.480	0.486	0.398	0.203		
AM02S	1.696	0.670	0.797	1.012		
AM03N	1.097	1.622	1.284	0.764	0.769	0.946
AM03S	0.617	1.336	0.928	0.634	0.267	0.546
AM04E	0.498	0.915	0.509	0.299	0.195	
AM04W	1.832	1.553	0.934	0.286	0.309	
AM05N	1.736	1.490	2.143	1.674	0.806	0.894
AM05S	1.129	1.279	1.164	0.802	0.777	0.638
AM06N	3.727	2.937	2.843	2.203	4.926	4.145
AM06S	3.759	4.186	2.972	2.136	1.573	1.816
Summary	1.716	1.835	1.463	0.967	0.958	1.090
Change		0.119	-0.372	-0.495	-0.010	0.133
Significance		0.519	0.042	0.002	0.922	0.945

Table B.32

Adelaide 80 km/h arterial road results for each site in each direction of travel - per cent above 95 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AM01N	1.226	1.250	0.736	0.510	0.972	0.363
AM01S	0.917	1.298	0.902	0.545	0.489	0.644
AM02N	0.200	0.214	0.161	0.090		
AM02S	0.623	0.325	0.286	0.320		
AM03N	0.510	0.590	0.515	0.317	0.336	0.391
AM03S	0.191	0.514	0.329	0.279	0.100	0.195
AM04E	0.213	0.370	0.217	0.142	0.077	
AM04W	0.703	0.568	0.370	0.161	0.150	
AM05N	0.684	0.577	0.845	0.619	0.345	0.400
AM05S	0.452	0.492	0.448	0.300	0.308	0.260
AM06N	1.112	0.958	0.907	0.705	1.457	1.242
AM06S	1.025	1.152	0.829	0.557	0.494	0.560
Summary	0.653	0.686	0.572	0.372	0.339	0.394
Change		0.032	-0.113	-0.200	-0.033	0.055
Significance		0.519	0.016	0.001	0.695	0.844

Table B.33  
Rural 50 km/h local road results for each site in each direction of travel - vehicle count

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	1303	1624	1487	1435	10360	9941	9758	9101		9258
LR01S	1266	1781	1637	1667	12106	9697	9777	9206		9643
LR02N	144	127	140	146	1030	918	948	847	1005	1001
LR02S	135	130	135	139	972	979	1006	895	1011	1056
LR03N	56	51	40	35	289	293	259	294	305	279
LR03S	61	48	34	41	301	279	225	309	302	329
LR04N	925	972	988	1059	6366	6113	6249	6186	5925	6641
LR04S	774	929	913	1011	6236	5949	5896	5913	5807	6481
LR05E	99	87	99	84	594	821	962	1161	1209	1139
LR05W	86	89	98	106	650	553	546	552	571	564
LR06N	757	722	1095	777	5055	5252	4807	4352		4613
LR06S	631	581	564	677	4370	4164	3301	3860		3860
LR07E	136	157	123	102	777	722	817	988	907	955
LR07W	122	156	126	120	794	685	787	905	854	954
LR08N	507	416	508	514	3333	3228	3397	3259	3248	3354
LR08S	525	509	519	520	3333	3266	3435	3297	3254	3316
LR09E	119	114	103	112	854	913	935	1034	1096	1112
LR09W	97	102	85	94	752	712	792	780	946	896
LR10N	178	216	250	287	1358	1717	1657	1779	1765	1441
LR10S	233	210	281	277	1397	1621	1592	1784	1425	1217
LR11E	244	262	241	265	1760	1429	1419	1537	1535	1610
LR11W	244	263	232	269	1835	1533	1611	1628	1693	1805
LR12S	43	46	32	27	189	241	206	124		
LR13E					4440	4693	4599		5258	5455
LR13W					4286	4607	4278		5065	5222

Note: these roads were 60 km/h in 2002

Table B.34  
Rural 50 km/h local road results for each site in each direction of travel - mean speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	50.755	50.914	49.681	53.206	52.445	47.516	46.428	48.596		45.506
LR01S	50.145	49.151	45.836	47.842	47.628	46.646	45.691	46.197		44.842
LR02N	42.984	42.810	41.951	42.734	43.273	41.318	40.892	40.873	42.083	40.885
LR02S	46.143	44.797	43.132	44.332	44.836	42.584	41.692	43.274	42.591	41.991
LR03N	26.895	31.427	23.044	28.189	29.287	28.510	31.817	28.686	26.654	28.506
LR03S	31.036	35.815	25.457	30.459	32.313	30.734	29.056	30.016	30.941	30.515
LR04N	55.452	52.127	50.509	51.451	51.426	49.929	50.450	50.027	52.718	48.893
LR04S	57.568	53.252	51.026	52.017	51.298	50.948	51.816	51.336	49.719	50.278
LR05E	32.074	32.668	30.188	32.568	32.402	28.807	28.768	28.138	28.030	28.171
LR05W	30.028	30.506	33.406	30.356	31.587	32.046	32.946	32.211	33.215	32.779
LR06N	46.905	46.430	46.058	45.672	45.570	44.718	46.191	44.936		45.998
LR06S	50.873	49.242	48.803	47.529	47.512	47.211	45.384	46.556		48.135
LR07E	35.057	40.318	38.471	40.606	39.686	36.725	38.400	37.160	39.412	37.210
LR07W	37.267	41.031	39.522	40.528	40.337	38.936	38.698	36.774	39.621	38.540
LR08N	63.642	57.544	57.073	56.045	55.867	55.731	54.922	55.204	54.054	53.964
LR08S	62.264	57.640	55.220	55.819	55.943	55.490	54.645	55.310	53.884	52.198
LR09E	45.629	46.009	44.428	42.900	44.011	43.899	41.422	44.175	44.933	41.847
LR09W	45.984	46.761	46.340	44.163	43.504	44.132	40.828	42.879	43.716	41.204
LR10N	32.025	33.240	32.549	32.159	33.412	33.234	32.454	31.159	28.451	32.725
LR10S	32.760	31.450	31.179	30.002	32.438	34.280	31.849	32.308	32.262	32.775
LR11E	42.156	41.493	40.511	40.015	40.109	37.953	39.264	40.425	42.377	41.646
LR11W	40.659	40.987	39.551	38.761	38.643	39.157	37.258	38.877	39.229	41.054
LR12S	30.626	29.862	33.183	30.430	29.256	31.266	28.852	26.752		
LR13E					53.174	48.253	53.095		46.412	46.550
LR13W					53.056	47.998	50.461		46.051	46.972
Summary	44.515	44.341	42.905		43.504	42.652	41.872	42.154	42.709	42.278
Change		-0.174	-1.437		0.599	-0.852	-0.780	0.282	0.555	-0.431
Significance		0.643	0.002		0.520	0.004	0.458	0.777	0.523	0.312

Note: these roads were 60 km/h in 2002

Table B.35  
Rural 50 km/h local road results for each site in each direction of travel - median speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	56.690	53.050	51.800	53.700	53.200	51.600	50.700	51.900		49.400
LR01S	54.540	51.490	49.070	50.300	50.500	48.700	48.300	48.600		47.200
LR02N	44.440	43.620	42.190	43.600	44.500	42.500	42.200	40.700	43.100	41.800
LR02S	48.000	45.990	44.360	47.300	46.000	43.500	42.900	44.100	43.400	43.000
LR03N	26.720	30.100	22.790	28.200	29.500	28.800	32.700	29.700	28.100	29.100
LR03S	31.070	36.630	25.450	30.900	33.200	31.700	28.900	30.800	31.200	30.800
LR04N	56.440	52.890	51.850	52.100	52.400	50.900	51.400	50.800	53.500	50.000
LR04S	58.370	53.470	51.720	52.300	51.800	51.500	52.400	51.900	50.000	50.700
LR05E	31.410	33.080	31.010	32.300	32.300	27.700	28.000	27.300	26.700	26.500
LR05W	28.930	29.940	33.990	30.700	31.800	32.100	32.800	32.500	33.700	33.500
LR06N	47.870	46.970	46.570	46.200	46.400	45.400	46.800	46.000		46.500
LR06S	52.240	49.810	50.000	48.400	48.600	48.200	46.400	47.900		48.500
LR07E	36.220	40.640	39.800	41.100	41.100	37.900	39.000	38.200	40.100	38.100
LR07W	37.910	42.660	41.300	41.600	42.100	40.200	39.400	37.200	40.300	39.200
LR08N	62.930	56.880	56.550	55.400	55.100	55.100	54.500	54.800	53.400	53.600
LR08S	62.280	56.540	54.170	55.500	55.000	54.500	54.000	54.800	53.200	51.700
LR09E	44.790	46.750	43.550	42.800	44.700	45.400	42.500	45.600	45.800	43.400
LR09W	47.940	47.680	46.990	45.600	45.100	45.400	42.200	44.100	45.000	42.600
LR10N	29.220	31.920	31.410	29.900	30.700	31.200	30.200	28.800	26.700	30.800
LR10S	31.810	30.770	28.050	28.700	30.100	33.900	30.300	30.700	32.000	32.400
LR11E	43.010	42.350	41.330	40.700	40.900	38.700	40.500	41.400	43.100	42.200
LR11W	40.620	41.140	40.130	39.400	39.300	39.600	37.900	39.500	39.900	41.500
LR12S	31.800	31.030	34.080	29.200	28.500	30.300	28.400	26.900		
LR13E					53.100	49.900	53.200		47.800	48.000
LR13W					52.600	48.800	50.500		47.500	47.600
Summary	46.420	45.650	44.400		44.700	43.700	43.200	43.500	43.900	43.600
Change		-0.770	-1.250		0.300	-1.000	-0.500	0.300	0.400	-0.300
Significance		0.482	0.002		0.601	0.008	0.426	0.754	0.442	0.202

Note: these roads were 60 km/h in 2002

Table B.36  
Rural 50 km/h local road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	64.280	60.450	58.670	60.200	59.900	58.600	57.600	59.100		56.300
LR01S	63.150	59.230	56.330	56.800	57.400	54.900	55.100	55.600		53.800
LR02N	53.730	54.340	51.930	53.300	52.700	51.600	51.300	51.600	52.500	50.700
LR02S	55.810	54.910	55.430	55.700	55.100	53.200	51.300	52.700	52.000	50.800
LR03N	38.610	42.780	29.490	35.300	37.100	37.400	41.400	38.300	35.100	35.800
LR03S	40.760	46.530	33.640	38.400	39.700	38.900	38.300	38.900	39.100	38.500
LR04N	64.990	60.820	58.980	59.700	59.900	58.100	58.300	58.200	60.600	56.900
LR04S	66.290	61.410	59.340	58.800	58.100	58.300	59.100	58.800	56.500	57.300
LR05E	40.670	39.210	39.020	39.600	40.400	37.800	37.700	37.000	37.800	37.700
LR05W	40.320	39.240	41.290	37.300	38.300	38.500	38.900	38.800	39.200	38.600
LR06N	56.170	55.420	54.880	53.700	54.100	53.300	54.600	54.300		54.100
LR06S	62.090	58.530	56.960	56.400	56.300	55.800	52.800	56.100		56.300
LR07E	45.160	51.070	47.230	51.100	50.100	48.000	49.000	46.600	49.100	47.300
LR07W	49.280	51.270	49.310	49.800	49.300	49.900	49.400	47.800	48.700	47.400
LR08N	71.950	67.450	65.300	63.500	64.100	63.400	63.100	62.800	61.600	61.900
LR08S	70.850	66.950	64.250	64.600	64.900	64.300	63.700	63.800	62.300	60.100
LR09E	57.450	56.250	53.490	53.200	54.900	53.900	53.000	54.700	54.500	52.200
LR09W	56.320	57.140	54.650	55.400	56.400	55.100	53.100	54.400	54.300	52.800
LR10N	46.720	45.420	45.370	47.500	49.100	47.300	47.600	46.200	42.100	46.800
LR10S	47.380	43.460	46.870	43.500	47.800	47.100	47.100	46.700	45.500	45.800
LR11E	50.770	50.340	48.780	48.200	48.600	46.100	47.200	48.700	51.200	49.600
LR11W	50.560	50.700	49.470	47.800	47.000	48.500	46.000	48.000	47.800	49.600
LR12S	39.350	36.360	39.310	40.300	37.600	39.300	37.200	35.400		
LR13E					61.700	58.300	61.100		55.200	55.000
LR13W					59.800	56.300	57.500		54.300	54.100
Summary	56.670	55.470	53.630		54.100	53.100	53.000	52.900	52.750	52.150
Change		-1.200	-1.840		0.470	-1.000	-0.100	-0.100	-0.150	-0.600
Significance		0.098	0.008		0.393	0.001	0.684	0.870	0.734	0.105

Note: these roads were 60 km/h in 2002

Table B.37  
Rural 50 km/h local road results for each site in each direction of travel - per cent above 50 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	68.918	67.488	61.735	72.822	71.052	58.203	53.525	61.037		46.003
LR01S	62.322	57.159	44.472	51.710	52.941	40.868	39.705	41.549		32.801
LR02N	21.528	29.134	20.000	24.658	24.854	18.954	18.882	19.835	21.990	16.583
LR02S	43.704	31.538	26.667	34.532	32.716	24.413	19.185	22.458	23.046	17.519
LR03N	0.000	3.922	0.000	0.000	0.692	0.341	1.931	0.340	0.000	0.000
LR03S	3.279	8.333	0.000	0.000	0.000	0.000	0.000	1.294	0.993	0.912
LR04N	71.135	65.021	58.502	61.945	61.876	55.194	57.641	54.656	67.342	49.435
LR04S	82.171	69.214	59.255	65.776	61.065	59.388	63.908	60.308	49.268	54.760
LR05E	0.000	1.149	0.000	0.000	1.347	0.731	0.416	0.172	0.248	0.527
LR05W	2.326	1.124	3.061	0.000	0.615	1.085	1.465	0.543	0.701	0.355
LR06N	40.159	36.011	34.886	32.304	31.810	26.999	34.512	31.365		31.346
LR06S	60.539	49.570	49.823	42.541	43.021	40.514	27.779	39.560		41.321
LR07E	6.618	17.197	5.691	18.627	15.058	9.834	12.240	6.174	12.789	7.749
LR07W	13.934	19.231	13.492	14.167	13.098	14.453	13.342	8.950	12.295	8.805
LR08N	95.069	79.808	80.709	77.821	76.868	78.872	74.507	76.404	71.583	70.036
LR08S	92.000	82.318	72.447	74.808	74.677	74.648	69.956	73.279	68.193	59.469
LR09E	35.294	36.842	26.214	26.786	31.382	28.039	22.781	30.754	31.113	22.752
LR09W	40.206	40.196	30.588	34.043	34.840	32.444	24.242	26.667	30.761	23.661
LR10N	7.865	6.481	8.800	10.801	13.770	9.668	10.742	9.275	3.739	8.744
LR10S	9.013	5.714	8.897	5.776	12.097	9.377	10.050	9.081	4.842	7.067
LR11E	18.443	15.649	10.788	9.057	10.341	6.158	7.259	10.930	19.218	13.106
LR11W	16.803	17.110	13.793	7.435	7.302	10.763	5.338	9.951	9.392	12.798
LR12S	0.000	0.000	0.000	0.000	1.058	2.490	0.485	0.000		
LR13E					65.270	48.903	66.167		37.353	37.984
LR13W					66.822	42.848	52.992		35.321	34.527
Summary	37.065	35.681	30.810		31.382	28.661	28.589	29.542	29.658	28.488
Change		-1.384	-4.872		0.572	-2.720	-0.072	0.953	0.116	-1.170
Significance		0.156	0.000		0.196	0.000	0.584	0.329	0.832	0.040

Note: these roads were 60 km/h in 2002

Table B.38  
Rural 50 km/h local road results for each site in each direction of travel - per cent above 55 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	55.871	39.840	30.935	41.045	38.311	30.118	25.661	32.557		19.399
LR01S	45.972	33.184	19.792	21.956	24.442	14.499	15.199	16.891		10.982
LR02N	10.417	13.386	10.714	10.959	10.097	7.843	6.224	8.146	9.353	6.893
LR02S	17.778	13.846	16.296	17.266	15.329	11.032	6.262	9.721	8.408	5.303
LR03N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.340	0.000	0.000
LR03S	3.279	0.000	0.000	0.000	0.000	0.000	0.000	0.324	0.331	0.608
LR04N	55.459	38.169	32.085	34.750	35.768	26.926	28.517	27.401	41.316	22.135
LR04S	66.279	42.304	32.859	30.564	28.833	29.114	33.514	31.524	21.112	24.564
LR05E	0.000	0.000	0.000	0.000	0.337	0.122	0.104	0.000	0.000	0.351
LR05W	0.000	1.124	1.020	0.000	0.308	0.000	0.366	0.000	0.350	0.177
LR06N	20.740	16.343	14.521	10.553	12.166	10.701	13.501	13.006		11.966
LR06S	38.510	26.850	21.986	20.236	19.405	17.363	9.633	18.368		18.938
LR07E	2.206	7.006	2.439	6.863	4.247	1.662	3.182	1.619	4.741	1.885
LR07W	7.377	5.128	3.175	2.500	3.778	4.380	4.828	1.878	4.801	3.564
LR08N	84.813	56.490	56.890	52.724	50.495	50.403	47.513	48.082	40.333	42.218
LR08S	82.667	55.599	46.243	52.500	49.685	47.551	44.687	48.590	41.088	32.147
LR09E	18.487	22.807	11.650	9.821	14.754	11.610	10.695	14.313	14.051	9.263
LR09W	17.526	21.569	12.941	15.957	17.287	15.028	9.596	12.692	12.156	9.821
LR10N	3.371	3.704	2.400	4.181	6.627	3.902	4.888	3.429	0.907	3.539
LR10S	3.863	1.905	3.559	1.805	5.512	3.886	4.523	3.419	1.544	2.794
LR11E	7.377	6.107	1.245	0.377	1.932	1.190	0.564	2.537	5.928	3.665
LR11W	6.148	4.563	3.879	1.859	1.744	2.479	0.993	1.904	2.717	3.158
LR12S	0.000	0.000	0.000	0.000	0.000	1.660	0.000	0.000		
LR13E					40.518	26.380	40.030		15.462	14.812
LR13W					34.554	19.210	24.451		12.774	12.390
Summary	16.078	14.120	12.166		12.166	10.124	10.124	10.464	10.333	9.816
Change		-1.958	-1.954		0.000	-2.042	0.000	0.340	-0.131	-0.517
Significance		0.021	0.001		0.709	0.000	0.580	0.129	0.818	0.123

Note: these roads were 60 km/h in 2002

Table B.39  
Rural 50 km/h local road results for each site in each direction of travel - per cent above 60 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	33.001	16.626	11.163	15.540	14.614	10.250	8.403	12.240		5.800
LR01S	22.591	13.195	6.842	7.319	8.004	3.929	3.989	4.812		2.800
LR02N	4.861	4.724	3.571	4.110	4.078	2.397	1.371	2.007	3.284	1.998
LR02S	7.407	4.615	4.444	7.194	6.173	4.188	2.485	3.464	3.363	1.610
LR03N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LR03S	3.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LR04N	34.919	17.593	12.146	13.787	14.452	9.373	9.906	9.926	17.333	6.671
LR04S	41.214	19.268	13.253	11.869	10.071	10.422	12.025	11.280	6.647	7.514
LR05E	0.000	0.000	0.000	0.000	0.337	0.000	0.104	0.000	0.000	0.088
LR05W	0.000	0.000	0.000	0.000	0.000	0.000	0.183	0.000	0.175	0.000
LR06N	6.737	6.233	4.658	4.505	4.471	3.713	4.868	4.688		3.880
LR06S	20.127	10.843	9.043	7.238	7.277	5.908	3.332	6.606		6.244
LR07E	0.000	1.274	1.626	2.941	1.287	0.139	0.857	0.506	1.213	0.314
LR07W	0.820	1.282	1.587	0.833	0.882	0.876	1.144	0.442	1.405	0.734
LR08N	66.667	35.577	33.071	28.794	27.483	26.084	24.845	24.026	19.766	20.036
LR08S	60.571	38.703	27.168	28.269	28.323	26.730	25.473	27.055	20.498	15.169
LR09E	9.244	7.018	8.738	5.357	7.494	5.148	4.599	6.093	6.113	3.058
LR09W	10.309	6.863	3.529	4.255	8.245	6.320	2.652	3.846	4.228	2.567
LR10N	1.685	0.926	0.800	1.394	2.725	1.573	2.233	1.349	0.397	0.625
LR10S	1.288	0.476	1.779	0.361	2.505	1.542	2.073	1.906	0.421	0.904
LR11E	2.049	2.672	0.415	0.000	0.455	0.280	0.070	0.651	1.368	0.683
LR11W	0.410	1.901	0.431	0.372	0.272	0.261	0.248	0.246	0.709	0.554
LR12S	0.000	0.000	0.000	0.000	0.000	0.830	0.000	0.000		
LR13E					19.595	10.867	18.287		5.401	4.015
LR13W					14.629	6.751	8.345		4.146	3.811
Summary	6.435	5.624	4.471		4.471	3.319	3.319	3.319	3.329	2.826
Change		-0.811	-1.153		0.000	-1.152	0.000	0.000	0.010	-0.503
Significance		0.002	0.004		0.966	0.000	0.665	0.245	1.000	0.009

Note: these roads were 60 km/h in 2002



Table B.40  
Rural 50 km/h local road results for each site in each direction of travel - per cent above 65 km/h

Location ID	2002 1 day	2003 1 day	2005 1 day	2007 1 day	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
LR01N	12.893	5.357	3.228	5.296	4.556	2.595	2.398	3.175		1.491
LR01S	8.294	5.166	2.382	1.560	2.040	0.773	1.053	1.162		0.560
LR02N	2.778	3.150	1.429	0.685	0.971	0.763	0.422	0.826	0.398	0.500
LR02S	4.444	0.769	0.741	0.719	1.646	1.124	0.895	1.341	0.593	0.473
LR03N	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LR03S	1.639	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LR04N	14.919	6.584	4.049	3.022	4.398	2.339	2.736	2.683	5.705	1.867
LR04S	18.605	7.966	4.819	3.264	2.967	3.043	3.121	3.247	1.550	1.960
LR05E	0.000	0.000	0.000	0.000	0.168	0.000	0.000	0.000	0.000	0.000
LR05W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.175	0.000
LR06N	1.849	1.662	1.553	1.030	1.444	1.333	1.456	1.494		1.257
LR06S	7.448	3.614	1.950	2.659	2.540	1.801	1.242	1.995		1.554
LR07E	0.000	0.637	0.000	0.980	0.257	0.000	0.245	0.506	0.551	0.209
LR07W	0.000	0.641	0.794	0.833	0.630	0.000	0.254	0.110	0.351	0.210
LR08N	40.631	20.913	15.748	11.089	12.871	11.617	10.127	9.972	7.820	8.468
LR08S	39.429	22.004	13.102	14.038	14.701	13.288	12.023	12.193	9.527	6.031
LR09E	5.042	1.754	4.854	1.786	3.396	1.862	2.032	2.418	2.464	1.169
LR09W	4.124	1.961	1.176	2.128	3.723	2.669	0.505	1.667	1.268	1.004
LR10N	0.000	0.000	0.400	0.348	1.105	0.582	0.845	0.618	0.170	0.208
LR10S	0.429	0.000	1.068	0.000	1.217	0.432	0.691	1.121	0.211	0.411
LR11E	0.820	0.763	0.415	0.000	0.057	0.070	0.000	0.065	0.130	0.124
LR11W	0.000	0.760	0.431	0.000	0.109	0.000	0.124	0.061	0.236	0.055
LR12S	0.000	0.000	0.000	0.000	0.000	0.830	0.000	0.000		
LR13E					7.613	3.729	6.784		1.769	1.448
LR13W					5.646	2.344	2.805		1.402	1.187
Summary	2.224	1.795	1.465		1.444	0.922	0.922	0.987	0.987	0.856
Change		-0.429	-0.329		-0.021	-0.522	0.000	0.065	0.000	-0.131
Significance		0.003	0.021		0.246	0.000	0.973	0.014	0.188	0.089

Note: these roads were 60 km/h in 2002

Table B.41

Rural 60 km/h arterial road results for each site in each direction of travel - vehicle count

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	15201	15976	15487	16162	16997	17833	17066
CR01S	15084	15763	15295	15929	16789	17806	17281
CR02E	4867	5200	4856	5128	5222	4963	4675
CR02W	4766	5313	4686	4995	5239	4738	4718
CR03N	8106	7871	7776	8050	8120	7857	8435
CR03S	6121	6443	6142	6382	6535	6698	7331
CR04N	8017	8017	7194	7611	7529	8141	8207
CR04S	7690	7671	6872	7365	7246	7728	7751
CR05E	18536	18852	16838	17056	12379	19080	18350
CR05W	18566	18609	16982	16626	16713	18972	18090

Table B.42

Rural 60 km/h arterial road results for each site in each direction of travel - mean speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	59.219	58.994	58.673	58.140	57.357	57.737	58.970
CR01S	60.501	58.851	60.020	59.843	58.430	58.862	57.538
CR02E	60.277	61.062	59.943	57.489	60.004	57.902	60.491
CR02W	61.526	62.121	60.531	60.136	59.406	59.371	60.952
CR03N	52.404	52.096	51.620	49.809	50.653	52.081	53.295
CR03S	53.048	53.670	52.399	50.690	51.523	52.509	53.584
CR04N	52.865	56.030	55.358	56.666	57.164	56.368	55.119
CR04S	54.406	57.201	57.335	57.614	57.434	56.495	56.322
CR05E	58.273	58.472	59.153	58.374	58.352	58.528	56.948
CR05W	58.330	58.633	59.282	58.956	58.638	58.686	57.156
Summary	58.103	58.552	58.154	57.689	57.589	57.700	58.151
Change		0.449	-0.398	-0.465	-0.101	0.111	0.451
Significance		0.193	0.432	0.064	0.922	0.770	1.000

Table B.43

Rural 60 km/h arterial road results for each site in each direction of travel - median speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	59.900	59.400	59.000	58.500	57.900	58.400	59.100
CR01S	60.500	58.900	59.900	59.900	58.400	59.000	57.700
CR02E	61.000	61.700	60.100	58.300	60.600	58.600	60.900
CR02W	61.300	62.100	60.400	60.300	59.600	59.500	61.100
CR03N	52.900	52.700	52.200	50.400	51.500	52.600	53.800
CR03S	53.700	54.400	53.100	51.300	52.200	53.200	54.200
CR04N	53.300	56.700	56.000	57.300	57.800	57.000	55.900
CR04S	54.900	57.500	57.600	57.900	57.800	57.000	56.700
CR05E	59.700	58.700	59.300	58.800	58.800	58.900	57.300
CR05W	60.100	58.800	59.400	59.200	58.800	58.800	57.300
Summary	58.500	58.750	58.300	57.950	57.900	57.950	58.150
Change		0.250	-0.450	-0.350	-0.050	0.050	0.200
Significance		0.770	0.322	0.129	0.820	0.910	0.922

Table B.44

Rural 60 km/h arterial road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	65.500	64.600	64.100	63.400	62.800	63.200	63.600
CR01S	66.000	64.200	65.300	65.200	63.700	64.200	62.500
CR02E	68.700	70.100	67.800	65.200	67.400	65.100	68.100
CR02W	70.100	70.900	68.200	68.500	66.900	67.100	68.400
CR03N	60.000	59.700	58.900	57.500	58.300	59.600	61.100
CR03S	60.400	61.200	59.400	58.300	58.900	59.400	60.600
CR04N	59.100	62.800	62.000	63.700	63.900	62.700	61.700
CR04S	61.100	64.200	64.100	64.800	64.300	63.400	63.300
CR05E	65.200	63.900	64.200	63.600	63.900	63.500	61.900
CR05W	65.800	64.200	64.500	64.200	63.800	63.800	62.200
Summary	63.950	64.200	63.550	63.100	63.000	63.100	63.250
Change		0.250	-0.650	-0.450	-0.100	0.100	0.150
Significance		0.846	0.131	0.322	0.846	0.820	1.000

Table B.45

Rural 60 km/h arterial road results for each site in each direction of travel - per cent above 60 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	48.661	44.629	40.763	36.524	31.717	35.905	41.058
CR01S	53.746	40.430	48.964	48.842	36.732	41.099	30.345
CR02E	56.154	60.038	50.721	38.222	53.485	39.653	55.765
CR02W	58.099	62.545	52.113	51.171	47.242	45.631	56.359
CR03N	14.829	13.848	11.214	7.727	9.507	13.428	19.004
CR03S	16.648	19.541	12.846	9.229	11.308	12.586	17.255
CR04N	11.787	29.126	23.659	32.808	35.131	28.559	22.944
CR04S	19.194	34.819	34.371	36.959	35.896	31.418	30.912
CR05E	47.675	38.940	43.099	38.948	39.615	39.481	26.289
CR05W	50.232	39.809	44.023	42.831	39.131	39.695	27.722
Summary	38.418	39.374	36.124	33.784	33.586	33.801	35.883
Change		0.956	-3.250	-2.340	-0.198	0.215	2.082
Significance		0.922	0.322	0.160	0.695	0.695	0.846

Table B.46

Rural 60 km/h arterial road results for each site in each direction of travel - per cent above 65 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	16.558	13.101	11.474	9.454	7.554	8.389	9.411
CR01S	19.179	12.174	16.267	15.475	10.572	11.637	6.967
CR02E	27.738	31.462	23.476	15.289	23.382	15.213	25.925
CR02W	31.788	35.328	25.822	25.285	20.844	20.663	26.876
CR03N	3.972	3.443	2.572	1.702	2.118	3.016	4.635
CR03S	4.215	5.712	2.654	1.990	2.647	3.061	4.283
CR04N	2.919	8.706	6.770	10.879	11.077	8.377	6.190
CR04S	5.644	12.880	12.049	14.094	12.821	10.339	10.231
CR05E	15.845	10.821	11.581	9.662	10.671	9.266	5.433
CR05W	17.591	11.876	13.014	11.632	10.489	10.336	6.667
Summary	11.541	12.025	10.776	9.945	9.472	9.306	9.762
Change		0.484	-1.249	-0.831	-0.473	-0.167	0.457
Significance		0.922	0.160	0.322	0.492	0.375	1.000

Table B.47

Rural 60 km/h arterial road results for each site in each direction of travel - per cent above 70 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	4.473	3.355	2.977	2.320	1.942	1.968	2.074
CR01S	5.237	3.166	4.551	3.936	2.686	2.628	1.505
CR02E	11.917	15.038	10.667	6.416	8.751	5.763	10.417
CR02W	15.296	17.391	11.118	11.351	8.227	8.696	11.276
CR03N	0.876	0.686	0.579	0.398	0.690	0.815	0.996
CR03S	0.915	1.381	0.700	0.564	0.872	0.687	1.050
CR04N	0.898	2.769	2.238	3.258	3.068	2.383	1.755
CR04S	1.704	4.406	4.060	4.671	4.237	3.106	3.445
CR05E	4.548	2.902	3.124	2.380	2.609	2.091	1.373
CR05W	5.564	3.342	3.480	3.104	2.812	2.609	1.598
Summary	3.116	3.254	2.892	2.613	2.372	2.178	2.321
Change		0.138	-0.362	-0.279	-0.241	-0.194	0.144
Significance		0.625	0.160	0.322	0.492	0.084	0.922

Table B.48

Rural 60 km/h arterial road results for each site in each direction of travel - per cent above 75 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
CR01N	1.256	0.983	0.943	0.724	0.665	0.544	0.504
CR01S	1.545	1.021	1.353	1.042	0.864	0.696	0.359
CR02E	5.322	6.404	4.386	2.516	3.562	1.995	4.492
CR02W	6.903	8.018	4.930	5.165	3.245	3.356	4.684
CR03N	0.284	0.127	0.141	0.062	0.185	0.216	0.213
CR03S	0.294	0.435	0.081	0.078	0.275	0.119	0.327
CR04N	0.449	0.861	0.723	1.025	0.970	0.884	0.695
CR04S	0.624	1.551	1.324	1.697	1.228	1.126	1.187
CR05E	1.543	0.944	1.010	0.704	0.792	0.540	0.365
CR05W	1.718	1.096	1.084	0.866	0.880	0.690	0.509
Summary	1.010	1.002	0.913	0.765	0.744	0.605	0.584
Change		-0.008	-0.089	-0.148	-0.021	-0.138	-0.021
Significance		0.695	0.160	0.492	0.922	0.020	0.922

**Table B.49**  
Rural hills 80 km/h arterial road results for each site in each direction of travel - vehicle count

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	10116	10422	10753	11107	12194
AH01W	10307	10292	10625	11172	12001
AH02E	4894	5100	5695	5626	6067
AH02W	5273	5291	6055	5943	6059
AH03N	11253	11268	11945	11879	11939
AH03S	11897	11717	12269	12363	12586
AH04N	19649	21378	22187	24000	24310
AH04S	19227	20509	21143	23058	23197
AH05N		1632	1759	1782	2016
AH05S		1647	1714	1784	2037
AH06N		1710	1838	1844	1904
AH06S		1600	1836	1707	1710

**Table B.50**  
Rural hills 80 km/h arterial road results for each site in each direction of travel - mean speed (km/h)

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	80.184	80.972	84.065	82.460	80.410
AH01W	78.161	80.619	83.694	81.218	79.760
AH02E	81.561	80.988	81.944	82.430	81.956
AH02W	84.082	81.576	80.777	80.997	80.862
AH03N	77.379	75.751	78.228	77.425	78.663
AH03S	78.839	75.172	75.326	76.229	79.412
AH04N	71.734	68.972	77.002	77.321	76.661
AH04S	73.720	71.528	78.646	75.944	75.322
AH05N		87.210	81.546	88.510	88.447
AH05S		86.529	86.015	87.784	84.287
AH06N		80.575	77.178	79.469	77.930
AH06S		72.827	72.802	73.001	74.143
Summary	78.500	76.590	77.145	77.415	76.866
Change		-1.910	0.555	0.269	-0.548
Significance		0.148	0.380	0.677	0.266

**Table B.51**  
Rural hills 80 km/h arterial road results for each site in each direction of travel - median speed (km/h)

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	80.400	81.400	83.500	81.600	81.200
AH01W	77.800	80.400	83.000	80.500	79.400
AH02E	80.600	81.300	81.800	82.000	81.900
AH02W	83.300	81.500	80.500	80.600	80.600
AH03N	77.500	75.900	78.200	77.400	78.800
AH03S	78.800	75.400	75.800	76.500	79.600
AH04N	72.000	69.200	77.200	77.500	76.800
AH04S	74.100	71.800	79.200	76.600	76.000
AH05N		86.200	81.500	87.800	87.600
AH05S		85.700	85.500	87.700	83.700
AH06N		80.200	77.500	79.600	78.200
AH06S		72.400	73.100	72.800	74.500
Summary	78.300	76.600	77.200	77.350	77.050
Change		-1.700	0.600	0.150	-0.300
Significance		0.250	0.301	0.910	0.577

Table B.52

Rural hills 80 km/h arterial road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	89.100	90.400	93.300	91.300	90.500
AH01W	86.600	89.800	92.600	90.000	87.200
AH02E	92.200	91.200	92.200	92.400	91.200
AH02W	95.700	93.300	92.100	91.600	90.900
AH03N	86.100	83.900	86.800	85.300	86.500
AH03S	87.500	82.800	82.900	83.900	87.000
AH04N	78.400	75.400	83.900	84.100	82.800
AH04S	80.800	78.200	85.500	82.700	81.700
AH05N		100.800	95.200	100.700	100.400
AH05S		98.300	97.200	100.000	96.100
AH06N		93.000	88.100	91.900	89.700
AH06S		87.000	86.600	86.200	88.600
Summary	87.050	84.750	85.300	85.200	84.300
Change		-2.300	0.550	-0.100	-0.900
Significance		0.250	0.519	0.910	0.301

Table B.53

Rural hills 80 km/h arterial road results for each site in each direction of travel - per cent above 80 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	51.908	57.043	67.200	58.486	55.158
AH01W	37.848	51.798	65.722	52.372	46.046
AH02E	52.105	55.118	59.122	59.758	59.469
AH02W	62.317	55.320	51.990	52.347	52.385
AH03N	37.741	28.692	40.293	35.483	43.337
AH03S	43.742	25.322	26.490	29.960	47.148
AH04N	9.939	4.158	32.569	33.979	28.248
AH04S	17.892	9.332	44.606	27.838	22.792
AH05N		72.365	55.031	75.196	75.992
AH05S		72.070	70.478	73.711	64.458
AH06N		50.292	40.098	48.482	42.489
AH06S		28.563	28.704	28.178	32.924
Summary	40.795	34.406	36.992	37.489	35.680
Change		-6.389	2.586	0.497	-1.808
Significance		0.313	0.266	1.000	0.569

Table B.54

Rural hills 80 km/h arterial road results for each site in each direction of travel - per cent above 85 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	27.135	32.642	42.053	34.051	32.385
AH01W	18.919	28.916	39.727	28.661	21.390
AH02E	33.000	33.961	35.522	37.042	34.399
AH02W	43.543	36.742	32.601	32.593	31.688
AH03N	17.915	11.910	19.548	15.919	19.315
AH03S	22.266	9.499	9.504	11.575	22.017
AH04N	2.397	0.893	11.827	11.933	8.544
AH04S	4.676	2.409	16.880	8.227	5.527
AH05N		54.779	37.862	59.371	59.077
AH05S		52.459	51.400	59.473	45.312
AH06N		33.158	22.252	30.586	25.420
AH06S		18.250	17.810	16.520	20.643
Summary	20.593	18.707	19.490	19.540	17.385
Change		-1.885	0.783	0.049	-2.154
Significance		0.461	0.569	0.970	0.339

Table B.55

Rural hills 80 km/h arterial road results for each site in each direction of travel - per cent above 90 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	13.118	15.621	22.673	17.674	15.860
AH01W	9.401	14.487	20.894	14.957	9.224
AH02E	18.737	17.765	19.368	20.014	17.505
AH02W	28.143	22.208	19.042	18.391	16.636
AH03N	7.251	4.881	8.790	6.659	7.798
AH03S	10.003	3.457	3.497	3.980	7.437
AH04N	0.519	0.210	3.655	3.563	2.464
AH04S	1.134	0.668	4.526	2.043	1.229
AH05N		38.419	24.673	42.873	42.063
AH05S		35.458	33.606	41.984	29.455
AH06N		20.000	11.262	18.872	14.548
AH06S		11.250	10.403	10.721	12.398
Summary	9.702	8.983	9.804	9.917	8.490
Change		-0.719	0.822	0.112	-1.427
Significance		0.383	0.733	0.850	0.110

Table B.56

Rural hills 80 km/h arterial road results for each site in each direction of travel - per cent above 95 km/h

Location ID	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2012 1 week
AH01E	6.495	7.436	11.913	9.111	7.241
AH01W	5.132	7.598	10.805	7.895	3.775
AH02E	10.564	9.294	10.553	10.416	8.587
AH02W	16.272	11.926	10.190	9.591	8.483
AH03N	3.013	1.979	3.776	2.829	3.451
AH03S	4.354	1.195	1.304	1.496	2.527
AH04N	0.173	0.075	1.239	1.133	0.650
AH04S	0.322	0.166	1.263	0.568	0.310
AH05N		25.245	15.293	29.068	27.083
AH05S		22.162	19.078	26.626	16.642
AH06N		12.339	6.910	10.466	7.511
AH06S		7.188	5.773	6.796	6.550
Summary	4.743	4.148	4.751	4.630	3.161
Change		-0.595	0.603	-0.122	-1.468
Significance		0.250	0.850	0.791	0.016

Table B.57

Rural 100 km/h arterial road results for each site in each direction of travel - vehicle count

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	12466	13006	12508	14276			
AR02S	12090	12352	12295	13899			
AR03N	2701	2985	3090	2799	2820	3037	3169
AR03S	2725	3039	2949	2784	2791	2915	3044
AR04N	6711	7403	6342	6851	6990	7211	7297
AR04S	6797	7325	6284	6787	7160	7146	7228
AR05N	606	674	551	561	616	545	582
AR05S	596	664	536	555	571	549	550
AR06E	1659	1631	1639	1749	1731	1861	1652
AR06W	1639	1611	1649	1746	1745	1907	1664
AR07N		18218	17147	18762	19027	19882	19266
AR07S		17648	16699	17888	18023	19613	18774
AR09N		1429	1480	1508	1510	1579	1676
AR09S		1445	1458	1503	1526	1609	1645
AR10N		6531	5790	6315	6291	6853	6594
AR10S		6396	5761	6280	6344	6776	6644
AR11E				7298	7270		
AR11W				7491	7532		
AR12E						7726	7664
AR12W						7895	7615
AR13N		2231	2081	2324	2218	2169	2072
AR13S		2341	2162	2320	2246	2124	1959
AR14N					18183	18954	18701
AR14S					18099	19108	18752
AR15N							4924
AR15S							5006
AR16N							3176
AR16S							3317
AR17N							8186
AR17S							8271



Table B.58

Rural 100 km/h arterial road results for each site in each direction of travel - mean speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	85.225	84.260	84.579	83.406			
AR02S	86.340	85.537	84.447	85.219			
AR03N	94.728	99.105	91.370	92.904	92.531	91.974	93.810
AR03S	97.001	92.084	95.669	93.241	93.369	94.525	97.743
AR04N	97.742	98.602	95.664	97.144	95.415	97.873	94.629
AR04S	95.733	96.683	93.861	93.404	95.020	96.709	92.150
AR05N	100.038	99.619	97.910	96.060	98.302	97.432	96.575
AR05S	102.818	100.295	96.556	98.820	96.671	99.221	95.842
AR06E	97.199	99.128	98.313	97.288	99.304	97.944	96.986
AR06W	95.635	96.435	94.918	93.996	95.237	95.917	93.477
AR07N		91.553	88.247	88.517	88.466	89.221	87.989
AR07S		92.371	91.007	92.504	91.306	90.896	91.175
AR09N		97.509	99.000	101.310	99.286	99.219	98.361
AR09S		96.454	99.441	97.083	94.670	97.427	97.342
AR10N		100.833	100.769	102.277	100.184	100.029	99.192
AR10S		100.900	101.702	101.516	101.681	102.158	99.914
AR11E				103.089	102.300		
AR11W				102.711	102.792		
AR12E						100.604	100.442
AR12W						101.549	101.258
AR13N		103.699	104.607	102.162	103.157	104.112	97.311
AR13S		100.956	97.027	97.755	97.063	97.138	92.820
AR14N					79.705	78.401	79.710
AR14S					79.442	82.507	82.863
AR15N							94.214
AR15S							95.752
AR16N							96.940
AR16S							98.554
AR17N							99.810
AR17S							99.289
Summary	97.864	98.055	96.828	96.871	96.658	97.237	96.379
Change		0.191	-1.227	0.042	-0.212	0.578	-0.858
Significance		1.000	0.090	0.899	0.468	0.108	0.027

Table B.59

Rural 100 km/h arterial road results for each site in each direction of travel - median speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	85.200	84.500	84.500	83.500			
AR02S	86.000	85.100	84.200	85.000			
AR03N	95.100	99.400	93.100	93.700	93.200	92.600	94.600
AR03S	97.600	93.500	96.100	93.900	94.100	95.200	98.400
AR04N	98.200	98.900	96.200	97.500	96.000	98.500	95.200
AR04S	96.600	97.400	95.200	94.300	95.900	97.500	93.100
AR05N	100.300	100.800	99.100	96.200	98.700	99.100	98.000
AR05S	104.100	101.000	96.900	100.200	96.900	100.700	96.600
AR06E	98.700	100.300	99.000	98.100	100.300	99.000	97.900
AR06W	96.700	97.500	96.400	95.300	96.600	97.600	95.300
AR07N		92.100	89.100	89.100	89.100	89.700	88.400
AR07S		92.900	91.900	93.200	92.200	91.700	92.000
AR09N		99.700	99.700	102.100	100.500	99.800	99.200
AR09S		98.500	100.300	98.000	96.100	98.000	98.400
AR10N		100.700	100.300	102.000	100.000	99.900	99.300
AR10S		101.100	102.000	102.000	101.800	102.200	100.500
AR11E				104.100	103.200		
AR11W				102.700	102.800		
AR12E						101.000	100.500
AR12W						102.000	101.400
AR13N		103.900	105.000	102.700	103.600	104.200	98.100
AR13S		101.900	98.200	99.300	98.300	98.700	94.100
AR14N					79.500	78.100	79.400
AR14S					79.200	82.400	82.700
AR15N							95.600
AR15S							97.100
AR16N							98.600
AR16S							99.200
AR17N							99.800
AR17S							99.100
Summary	98.550	99.150	98.100	98.100	97.750	98.250	97.400
Change		0.600	-1.050	0.000	-0.350	0.500	-0.850
Significance		0.846	0.039	0.940	0.459	0.099	0.021

Table B.60  
Rural 100 km/h arterial road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	95.800	95.000	94.700	93.900			
AR02S	98.100	97.600	96.200	96.300			
AR03N	107.600	112.500	104.800	104.500	104.900	102.900	104.200
AR03S	109.300	103.800	107.500	104.100	103.900	106.500	108.700
AR04N	107.900	108.300	104.900	106.700	104.500	107.700	103.600
AR04S	105.600	106.000	103.100	102.100	103.900	105.600	100.700
AR05N	113.300	114.800	111.300	110.600	112.200	109.400	109.700
AR05S	117.300	112.900	110.800	112.300	109.900	112.900	108.900
AR06E	109.500	110.300	109.000	107.200	109.600	109.600	106.100
AR06W	107.900	108.100	105.700	104.600	105.200	105.500	102.800
AR07N		102.300	97.900	97.800	97.900	99.000	97.900
AR07S		100.400	99.800	100.400	99.600	99.100	99.300
AR09N		107.900	107.700	110.200	107.400	107.100	105.300
AR09S		106.900	108.400	105.800	102.300	105.400	104.700
AR10N		108.200	107.900	109.200	106.500	106.400	104.400
AR10S		109.500	109.800	109.200	109.300	109.400	106.200
AR11E				108.900	108.000		
AR11W				107.700	107.600		
AR12E						105.400	104.700
AR12W						106.600	105.800
AR13N		113.300	115.500	112.600	112.500	113.700	105.500
AR13S		112.100	106.900	108.900	107.400	107.400	101.800
AR14N					91.500	90.600	90.500
AR14S					89.800	93.400	93.500
AR15N							102.200
AR15S							104.400
AR16N							104.400
AR16S							106.600
AR17N							105.500
AR17S							104.700
Summary	107.850	108.150	106.800	106.350	106.200	106.400	105.450
Change		0.300	-1.350	-0.450	-0.150	0.200	-0.950
Significance		1.000	0.030	0.468	0.196	0.243	0.004

Table B.61

Rural 100 km/h arterial road results for each site in each direction of travel - per cent above 100 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	7.172	6.028	5.029	4.511			
AR02S	11.497	10.678	8.068	8.346			
AR03N	34.654	48.375	27.508	26.367	26.418	22.654	27.201
AR03S	41.284	25.271	35.571	27.155	26.263	30.840	43.463
AR04N	42.140	44.860	32.561	39.089	30.815	43.101	26.901
AR04S	34.795	36.874	26.241	21.939	29.106	37.517	17.266
AR05N	50.660	53.264	46.098	40.107	45.942	47.339	43.299
AR05S	60.906	52.711	41.791	50.631	38.879	51.730	39.455
AR06E	44.364	51.134	45.882	41.395	51.069	44.170	39.528
AR06W	38.926	40.720	32.262	29.095	32.894	36.025	26.623
AR07N		20.946	9.022	8.634	9.082	12.514	10.288
AR07S		16.353	14.163	16.279	13.139	11.717	12.464
AR09N		47.586	48.176	60.345	52.583	48.828	44.511
AR09S		41.315	51.440	38.789	25.819	38.098	38.055
AR10N		54.632	52.418	63.959	49.404	48.723	42.842
AR10S		57.020	61.639	62.484	61.917	64.227	52.830
AR11E				76.966	73.177		
AR11W				74.623	76.022		
AR12E						59.280	54.554
AR12W						67.372	63.638
AR13N		68.445	70.639	62.349	68.620	72.199	36.245
AR13S		58.778	41.166	46.207	41.541	43.927	20.163
AR14N					3.707	2.949	2.775
AR14S					2.354	5.260	4.709
AR15N							24.045
AR15S							34.219
AR16N							41.152
AR16S							44.920
AR17N							47.655
AR17S							41.966
Summary	44.287	46.223	42.292	41.839	41.109	43.755	39.275
Change		1.936	-3.931	-0.453	-0.730	2.646	-4.480
Significance		0.557	0.027	0.865	0.369	0.074	0.003

Table B.62

Rural 100 km/h arterial road results for each site in each direction of travel - per cent above 105 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	2.639	2.107	1.511	1.429			
AR02S	5.219	4.890	3.115	3.554			
AR03N	20.733	32.864	14.628	13.826	14.716	11.031	13.064
AR03S	25.358	12.833	20.244	13.147	12.612	17.702	24.869
AR04N	22.381	23.693	14.727	18.961	13.648	22.230	11.470
AR04S	16.404	17.406	10.201	9.120	12.472	16.737	6.336
AR05N	37.129	37.834	31.760	27.094	32.955	29.725	27.835
AR05S	48.154	37.651	28.731	35.135	26.445	36.612	24.727
AR06E	26.462	30.656	25.503	20.983	27.441	21.118	17.918
AR06W	22.331	22.408	16.374	14.032	15.587	16.151	9.736
AR07N		9.255	2.099	2.036	2.512	5.402	3.877
AR07S		4.788	3.629	4.701	3.423	2.886	3.084
AR09N		24.353	23.649	33.554	24.106	21.469	16.408
AR09S		20.692	27.092	16.700	8.650	16.408	13.799
AR10N		25.080	23.558	30.420	19.822	19.524	12.845
AR10S		27.705	31.314	30.525	29.887	31.508	19.597
AR11E				40.299	33.934		
AR11W				28.728	28.492		
AR12E						16.425	13.753
AR12W						22.673	18.096
AR13N		44.420	49.640	39.028	42.786	44.675	16.168
AR13S		36.566	21.508	25.474	21.505	22.316	8.014
AR14N					1.166	0.844	0.695
AR14S					0.796	1.879	1.451
AR15N							8.367
AR15S							13.524
AR16N							13.130
AR16S							19.656
AR17N							16.577
AR17S							13.747
Summary	23.631	24.023	20.559	20.124	19.537	20.484	16.596
Change		0.391	-3.464	-0.435	-0.587	0.947	-3.888
Significance		0.695	0.043	0.551	0.229	0.167	0.001

Table B.63

Rural 100 km/h arterial road results for each site in each direction of travel - per cent above 110 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	1.027	0.753	0.568	0.546			
AR02S	2.134	2.032	1.196	1.532			
AR03N	10.774	19.363	7.702	6.395	7.234	5.137	6.532
AR03S	13.945	6.153	10.410	6.609	5.625	9.057	12.385
AR04N	10.848	11.644	6.134	8.203	5.966	10.595	4.865
AR04S	7.665	7.481	4.185	3.580	5.028	5.933	2.338
AR05N	24.092	24.481	18.149	15.686	20.130	13.578	14.605
AR05S	32.718	22.440	15.858	19.279	14.361	21.494	11.273
AR06E	13.803	15.696	13.606	10.177	14.038	9.296	8.111
AR06W	10.494	11.421	7.641	6.071	7.622	7.132	3.486
AR07N		2.871	0.548	0.661	0.815	1.992	1.360
AR07S		1.405	1.084	1.286	0.965	0.785	0.868
AR09N		10.497	9.527	15.385	8.543	8.866	5.967
AR09S		8.720	11.385	6.254	2.818	6.650	4.863
AR10N		11.254	11.019	13.159	7.837	8.259	5.111
AR10S		13.727	14.373	13.089	13.036	13.430	6.893
AR11E				11.674	8.858		
AR11W				9.398	9.068		
AR12E						5.242	5.154
AR12W						6.523	4.911
AR13N		24.787	30.370	22.160	21.326	24.666	6.708
AR13S		19.863	9.482	12.241	9.706	9.040	3.726
AR14N					0.352	0.248	0.267
AR14S					0.282	0.644	0.539
AR15N							3.006
AR15S							5.613
AR16N							3.621
AR16S							7.838
AR17N							5.876
AR17S							5.320
Summary	11.195	11.338	9.808	9.495	8.912	9.290	7.591
Change		0.143	-1.530	-0.313	-0.582	0.378	-1.699
Significance		0.770	0.043	0.523	0.181	0.325	0.004

Table B.64

Rural 100 km/h arterial road results for each site in each direction of travel - per cent above 115 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
AR02N	0.497	0.292	0.168	0.210			
AR02S	1.042	0.891	0.545	0.640			
AR03N	5.628	11.122	3.754	2.894	3.440	2.107	3.219
AR03S	7.156	2.764	4.917	2.909	2.186	3.979	5.486
AR04N	5.349	5.295	2.602	3.635	2.532	4.521	2.001
AR04S	3.663	3.345	1.464	1.518	1.899	2.113	1.176
AR05N	12.376	14.392	8.893	6.774	10.065	6.055	7.732
AR05S	19.799	11.295	7.090	10.450	8.056	11.111	4.909
AR06E	7.294	8.032	6.223	4.688	7.048	4.782	3.571
AR06W	4.332	5.090	3.153	2.864	3.438	3.513	1.322
AR07N		0.972	0.251	0.213	0.310	0.739	0.467
AR07S		0.555	0.389	0.447	0.344	0.235	0.277
AR09N		3.359	3.378	6.499	3.841	3.610	1.850
AR09S		3.460	4.595	2.861	0.917	2.735	2.188
AR10N		5.237	4.957	6.413	3.465	3.473	2.138
AR10S		5.629	5.884	5.318	5.485	5.667	2.784
AR11E				4.289	3.232		
AR11W				4.018	3.717		
AR12E						1.851	1.827
AR12W						2.635	1.838
AR13N		11.654	15.906	9.509	9.648	12.264	3.234
AR13S		9.953	4.672	5.043	4.541	3.531	2.042
AR14N					0.148	0.127	0.102
AR14S					0.111	0.283	0.224
AR15N							1.178
AR15S							2.477
AR16N							1.134
AR16S							3.437
AR17N							2.284
AR17S							2.237
Summary	5.266	5.163	4.630	4.632	4.430	4.554	3.687
Change		-0.103	-0.533	0.002	-0.202	0.124	-0.867
Significance		1.000	0.048	0.671	0.347	0.468	0.012

Table B.65  
Rural 110 km/h arterial road results for each site in each direction of travel - vehicle count

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	11917	12018	11417	12693	12088	13020	13057
HR01S	12044	12057	11445	12532	12153	12999	13162
HR02N	1786	1908	2042	2076	1990	2208	2268
HR02S	1869	1889	2054	2105	2032	2214	2094
HR03N	725	478	967	568	962	498	810
HR03S	642	482	927	562	910	531	751
HR04N	5976	6016	5881	6330	6323	6516	6720
HR04S	6168	6254	6075	6593	6482	6663	6829
HR05E	2513	2337	2214	2424	2546	2540	2797
HR05W	2450	2383	2227	2254	2458	2626	2329
HR06N	2198	2219	2103	2384	2257	2210	2410
HR06S	2283	2361	2172	2449	2264	2120	2410
HR07N		2038	2089	2157	2135	2133	1904
HR07S		2218	2331	2355	2355	2347	2065
HR08N		8123	7338	7795	8471	8823	
HR08S		8139	7450	7922	8605	8920	
HR09N		3082	2983	3082	3297	3420	3694
HR09S		3764	3302	3560	3906	3822	3861
HR10N		6100	5727	6233	6254	6445	6806
HR10S		6012	5742	6139	6097	6521	6715
HR11E		5085	5486	5112	5101	4974	4594
HR11W		5021	5413	4864	4938	4655	4362
HR12N		12294	11938	12657	12590	13126	13762
HR12S		10164	12073	13195	13513	13437	14479
HR13N		4876	4606	5162	4888	5107	
HR13S		4974	4706	5233	4880	5333	
HR14E		1605	1556		1414	1516	1494
HR14W		1508	1534		1516	1615	1480
HR15N		4518	4628	4820	5003	5092	5020
HR15S		4711	4728	4960	5090	5117	5260
HR16N		29805	26943	28580	29391		
HR16S		28708	26106	27866	27932		
HR17E		3796	3267	3762	3844	4446	4457
HR17W		3749	3262	3688	3757	4447	4295
HR18N		4012	4601	3999	4034	3988	3943
HR18S		4089	4729	4017	4107	4170	3915
HR19N		5089	5117	5004	5650	5660	5690
HR19S		5043	5163	4960	5560	5651	5819
HR20N		11705	11676	12107	13011	13177	
HR20S		11832	11628	12367	13134	13273	
HR21N		1186	1274	1297	1950	1429	1517
HR21S		1750	1599	1836	1938	1679	1623
HR22N		6125	5300				
HR22S		4375	5385				
HR23E		2354	2466	2338	2572	2564	2564
HR23W		2403	2443	2387	2643	2602	2621
HR24E		8310	7414	7836	7904	9176	9098
HR24W		8442	7508	7994	7998	4991	9148
HR25E		3320	3186	3139	3276	3206	3183
HR25W		3295	3225	3173	3322	3196	3257
HR26N		2906	2609	3474	3075	3257	
HR26S		2766	2591	3490	3139	3203	
HR27N		24339					
HR27S		24059					
HR28N		7590	7282	8031	8173	8092	8471
HR28S		7692	7395	8126	8163	8155	8303
HR29N		2811	2641	2814	3056	2738	2767
HR29S		2929	2726	2931	3117	2869	2779
HR32N		2832	2568	2572	2652	2929	3064
HR32S		2755	2585	2633	2685	2987	2995
HR33E		1299	1130	1140	999	1145	1065
HR33W		1294	1088	1175	1003	1188	1067
HR34N		1182	962	972	1086	1221	1263
HR34S		1188	1000	1046	1150	1253	1264
HR35E		798	736	758	641	681	632
HR35W		812	741	760	653	694	665
HR36N	1804	1939	2112	1725	2021	2041	2021
HR36S	1767	1922	2135	1790	1904	2092	2026
HR37N	1089	1371	1113	1391	1372	1408	1299
HR37S	1086	1293	1202	1325	1278	1429	1296
HR38N				2555	2557	2659	2834
HR38S				2571	2500	2613	2800
HR39N	937	929	959	1068	1047	1295	1085
HR39S	995	975	990	1148	1070	1210	1163
HR40N							1587
HR40S							1661
HR41N							12873
HR41S							12929
HR42N							28329
HR42S							27741
HR43N							2082
HR43S							2122



Table B.66  
Rural 110 km/h arterial road results for each site in each direction of travel - mean speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	98.369	98.976	98.866	97.726	98.810	98.413	99.392
HR01S	101.909	100.540	100.743	100.418	102.150	101.050	102.927
HR02N	97.850	98.547	99.876	95.800	103.657	98.950	99.438
HR02S	99.135	102.004	97.758	97.589	102.894	98.742	97.521
HR03N	105.540	107.187	110.608	107.977	104.550	106.734	104.571
HR03S	106.341	102.901	106.336	106.850	105.684	103.247	106.356
HR04N	108.215	104.831	105.307	104.211	104.743	108.912	106.663
HR04S	104.710	106.580	104.945	104.670	104.376	105.704	107.027
HR05E	96.696	102.211	103.156	102.472	101.830	103.364	101.600
HR05W	100.853	102.065	101.563	102.727	101.385	101.377	103.951
HR06N	105.204	105.812	103.514	105.327	105.946	105.775	104.704
HR06S	105.321	105.924	106.102	106.713	104.916	105.869	106.203
HR07N		100.683	99.585	99.982	100.295	101.653	99.656
HR07S		102.163	103.124	102.221	101.746	100.904	102.441
HR08N		104.048	107.231	105.310	104.129	104.397	
HR08S		104.554	107.920	108.090	104.394	103.645	
HR09N		99.428	103.037	100.874	102.186	104.487	99.690
HR09S		107.075	104.351	106.211	103.971	104.521	102.461
HR10N		103.751	104.714	106.354	104.633	105.173	106.289
HR10S		107.383	105.997	107.454	107.088	108.750	106.647
HR11E		102.061	101.959	102.141	102.167	100.217	99.804
HR11W		100.266	97.749	100.708	97.310	97.189	98.188
HR12N		106.407	103.458	104.199	103.722	104.371	103.335
HR12S		104.673	102.316	102.495	101.669	101.977	101.977
HR13N		98.905	99.386	99.914	96.060	98.977	
HR13S		99.129	97.485	96.775	97.746	99.488	
HR14E		104.299	103.220		104.095	101.204	100.571
HR14W		103.893	104.983		104.166	105.901	102.590
HR15N		107.136	106.515	104.920	105.181	107.747	101.886
HR15S		105.860	105.685	106.509	106.867	104.922	102.518
HR16N		107.141	104.631	105.643	102.162		
HR16S		107.772	108.682	103.324	104.449		
HR17E		109.117	108.138	109.214	108.017	106.903	108.491
HR17W		106.595	108.684	107.038	106.358	108.424	106.125
HR18N		102.005	101.821	100.948	103.166	102.306	99.076
HR18S		103.576	101.594	102.423	102.540	102.030	100.073
HR19N		101.751	101.508	103.459	103.287	101.458	100.840
HR19S		102.933	103.643	103.647	102.442	104.144	105.609
HR20N		93.346	93.336	93.715	92.915	93.594	
HR20S		95.921	98.472	97.094	97.580	98.379	
HR21N		104.280	101.654	102.503	86.626	91.868	90.869
HR21S		100.011	100.833	100.785	93.936	90.974	89.794
HR22N		102.468	102.369				
HR22S		106.534	101.572				
HR23E		100.240	102.805	95.951	96.647	100.127	97.004
HR23W		99.766	102.232	100.111	100.092	101.668	100.053
HR24E		107.223	106.259	106.046	107.861	109.344	106.158
HR24W		104.492	104.896	104.468	105.873	105.570	105.450
HR25E		106.001	105.975	105.620	105.710	105.916	102.452
HR25W		106.410	104.799	106.456	105.454	103.748	101.604
HR26N		103.177	100.317	97.027	101.491	103.192	
HR26S		102.680	104.406	96.646	101.455	103.950	
HR27N		92.566					
HR27S		95.310					
HR28N		105.362	104.126	106.371	106.789	106.279	101.749
HR28S		105.513	105.917	104.807	104.657	105.574	102.088
HR29N		97.664	98.385	97.511	97.523	99.554	94.646
HR29S		102.511	102.419	104.457	100.871	103.565	98.119
HR32N		96.483	97.520	94.766	96.465	96.647	96.020
HR32S		98.549	97.475	97.835	98.914	98.617	95.210
HR33E		101.245	102.384	101.022	101.701	102.095	98.073
HR33W		104.121	101.067	102.851	102.492	103.116	98.681
HR34N		103.646	100.662	100.359	99.786	103.200	103.731
HR34S		104.153	105.006	107.795	105.359	104.332	107.414
HR35E		95.135	93.694	95.332	92.739	93.310	88.036
HR35W		97.407	94.583	95.463	93.396	96.207	91.863
HR36N	109.773	112.818	104.545	107.069	102.658	107.490	108.273
HR36S	109.561	111.340	107.572	107.782	105.401	112.653	106.585
HR37N	103.745	102.094	102.994	103.116	101.589	103.103	102.794
HR37S	103.088	102.827	100.428	99.929	102.244	102.556	101.520
HR38N				95.666	95.285	94.997	95.568
HR38S				101.815	102.040	102.663	100.239
HR39N	104.894	104.762	100.951	104.688	102.560	104.572	103.092
HR39S	105.151	105.644	101.382	105.472	102.834	104.566	102.176
HR40N							104.951
HR40S							101.523
HR41N							101.462
HR41S							103.021
HR42N							103.118
HR42S							105.581
HR43N							107.787
HR43S							104.680
Summary	102.789	103.376	103.234	103.380	103.018	103.642	102.094
Change		0.608	-0.142	0.146	-0.362	0.624	-1.548
Significance		0.212	0.085	0.874	0.068	0.005	0.000

Table B.67  
Rural 110 km/h arterial road results for each site in each direction of travel - median speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	99.200	99.800	99.800	98.500	99.700	99.200	100.100
HR01S	103.000	101.600	102.100	101.700	103.200	102.200	104.000
HR02N	98.700	99.100	101.000	96.800	104.100	99.800	100.400
HR02S	100.200	102.300	98.400	98.900	103.600	99.100	98.000
HR03N	107.900	109.700	112.000	108.800	106.600	108.100	106.800
HR03S	108.800	105.400	109.000	109.300	108.600	105.300	108.300
HR04N	109.000	105.400	106.200	104.800	105.500	109.600	107.100
HR04S	105.300	107.100	105.700	105.400	105.100	106.800	107.600
HR05E	98.500	102.600	103.500	102.800	102.200	103.900	102.400
HR05W	101.800	102.200	101.300	102.700	101.400	101.600	103.500
HR06N	106.600	107.400	104.600	106.200	106.900	106.600	105.400
HR06S	105.800	106.500	106.800	107.000	105.600	106.900	106.800
HR07N		101.900	100.700	101.300	101.300	103.000	101.300
HR07S		103.400	104.500	103.500	103.200	102.800	103.800
HR08N		106.400	108.300	106.200	105.100	105.200	
HR08S		107.400	108.700	108.800	105.200	104.200	
HR09N		100.000	103.800	102.000	103.600	105.800	101.200
HR09S		106.900	104.700	107.000	104.500	105.200	102.600
HR10N		105.200	106.000	107.200	105.900	106.300	107.400
HR10S		108.700	107.000	108.400	108.600	109.700	107.500
HR11E		102.200	102.500	102.700	102.900	100.900	100.500
HR11W		103.600	101.500	103.300	99.500	98.800	100.200
HR12N		107.200	103.700	105.200	104.700	105.400	104.200
HR12S		105.600	103.000	103.300	102.500	103.100	102.900
HR13N		100.200	101.000	101.300	97.600	100.400	
HR13S		100.100	98.700	97.900	98.900	100.800	
HR14E		106.800	104.900		106.900	103.800	103.300
HR14W		106.000	107.100		106.600	108.400	105.200
HR15N		108.400	107.600	106.100	106.500	108.700	103.000
HR15S		106.500	106.500	107.100	107.600	106.000	103.200
HR16N		108.800	106.500	107.400	104.000		
HR16S		108.700	109.900	107.000	109.700		
HR17E		109.700	109.400	109.800	109.100	107.800	109.700
HR17W		107.600	109.600	108.400	107.600	109.900	107.800
HR18N		103.000	103.000	102.100	104.500	103.600	100.400
HR18S		104.500	102.600	103.500	103.700	102.900	100.900
HR19N		103.300	102.900	104.800	104.500	102.600	102.500
HR19S		104.400	105.200	105.500	104.200	105.900	107.400
HR20N		94.300	93.800	94.100	93.400	93.900	
HR20S		97.400	99.000	97.600	98.300	99.100	
HR21N		104.300	102.000	103.100	86.800	93.600	92.200
HR21S		100.000	100.900	100.700	94.900	92.600	91.700
HR22N		103.700	103.700				
HR22S		107.900	103.100				
HR23E		101.200	103.400	98.100	99.200	102.100	98.700
HR23W		101.600	102.900	102.100	102.400	102.900	101.400
HR24E		106.900	105.900	106.000	107.800	109.300	106.000
HR24W		104.200	104.700	104.300	106.000	106.000	105.200
HR25E		106.700	106.600	106.100	106.400	106.700	103.100
HR25W		106.800	104.800	107.000	105.700	104.200	101.900
HR26N		104.600	101.400	99.500	102.700	104.600	
HR26S		103.700	105.600	97.900	102.400	105.300	
HR27N		93.700					
HR27S		96.200					
HR28N		106.200	104.800	107.100	107.400	106.800	102.300
HR28S		106.400	106.400	105.400	105.400	106.100	102.700
HR29N		100.000	101.200	100.100	99.100	101.600	96.600
HR29S		104.400	104.500	106.100	104.200	104.900	99.900
HR32N		98.800	100.000	97.700	99.200	99.700	98.600
HR32S		100.600	100.200	100.600	101.200	101.500	97.600
HR33E		103.400	104.000	102.300	103.800	104.000	99.900
HR33W		106.800	102.600	104.300	103.600	105.100	100.000
HR34N		105.300	101.900	102.000	101.200	104.100	105.300
HR34S		105.300	106.600	108.800	105.700	105.300	108.400
HR35E		97.100	95.600	96.900	94.000	95.200	89.100
HR35W		98.800	95.500	96.200	94.600	97.600	93.200
HR36N	111.000	113.600	107.800	107.900	106.900	111.900	110.100
HR36S	110.700	112.100	108.800	109.400	107.300	114.400	108.500
HR37N	105.100	102.800	103.900	104.000	102.700	104.200	103.900
HR37S	103.800	103.400	101.400	100.900	103.800	103.500	102.900
HR38N				97.900	97.300	96.800	97.500
HR38S				103.100	103.600	103.900	101.700
HR39N	105.900	105.600	102.800	105.500	104.500	106.200	104.300
HR39S	106.700	107.300	103.400	107.100	104.400	106.600	103.400
HR40N							105.600
HR40S							103.100
HR41N							102.200
HR41S							103.600
HR42N							105.100
HR42S							106.500
HR43N							108.200
HR43S							105.800
Summary	103.850	104.450	104.400	104.550	104.150	104.800	103.300
Change		0.600	-0.050	0.150	-0.400	0.650	-1.500
Significance		0.284	0.047	0.899	0.169	0.006	0.000

Table B.68  
Rural 110 km/h arterial road results for each site in each direction of travel - 85th percentile speed (km/h)

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	108.000	108.500	108.500	106.800	107.900	107.800	108.900
HR01S	111.700	110.100	110.100	109.700	111.100	110.100	111.700
HR02N	108.900	109.600	111.000	106.300	115.300	110.200	110.900
HR02S	111.000	113.600	109.800	109.000	114.200	111.400	109.300
HR03N	118.100	120.200	121.600	118.500	114.600	118.000	114.700
HR03S	117.800	115.100	118.000	117.600	117.100	115.000	115.500
HR04N	116.400	112.400	112.600	111.600	112.300	116.200	113.300
HR04S	112.600	114.600	112.500	112.200	111.600	113.200	114.300
HR05E	109.100	114.300	114.700	113.900	113.200	114.200	113.100
HR05W	113.700	112.600	111.900	113.400	111.400	111.100	114.300
HR06N	114.600	115.500	112.300	113.800	114.000	114.100	112.500
HR06S	114.100	114.600	114.600	115.100	112.700	113.900	114.100
HR07N		113.200	111.800	111.800	112.300	114.300	111.200
HR07S		114.300	114.900	114.100	113.200	112.200	113.700
HR08N		114.300	115.500	113.100	111.500	111.700	
HR08S		115.800	116.200	116.100	111.400	111.100	
HR09N		110.800	114.500	111.300	113.300	114.700	111.100
HR09S		120.000	116.300	118.000	115.200	115.500	112.900
HR10N		112.900	113.000	114.300	112.500	112.600	114.200
HR10S		116.600	114.400	115.600	115.500	116.600	114.500
HR11E		111.900	112.100	111.700	111.500	109.100	108.900
HR11W		113.400	110.500	112.500	108.200	107.500	108.700
HR12N		116.600	112.400	112.900	112.400	113.000	112.100
HR12S		115.000	111.500	111.400	110.600	110.900	111.000
HR13N		110.200	110.500	111.500	107.200	109.700	
HR13S		110.500	108.500	108.300	109.500	110.700	
HR14E		117.100	115.600		115.800	112.900	112.200
HR14W		115.700	116.800		115.700	118.500	114.000
HR15N		115.600	114.800	113.600	113.500	115.400	109.400
HR15S		113.500	113.400	114.200	114.800	112.600	109.600
HR16N		116.700	113.700	114.900	111.000		
HR16S		115.800	117.000	113.600	116.700		
HR17E		119.700	117.400	118.300	116.400	114.500	116.700
HR17W		116.900	118.100	115.900	115.000	116.900	114.500
HR18N		111.700	112.400	110.300	113.000	111.600	108.300
HR18S		112.700	110.700	111.300	110.500	110.500	108.300
HR19N		114.000	113.200	114.300	114.400	112.000	110.700
HR19S		113.800	113.900	114.400	113.100	114.200	114.900
HR20N		103.700	103.300	103.600	102.900	103.500	
HR20S		107.100	108.700	107.200	107.600	108.000	
HR21N		119.500	115.200	115.100	103.600	109.600	109.200
HR21S		113.500	114.100	115.000	110.500	107.000	106.000
HR22N		113.600	112.900				
HR22S		118.300	111.700				
HR23E		110.500	112.300	108.600	109.100	112.300	108.700
HR23W		112.000	112.400	111.900	112.100	113.100	110.900
HR24E		115.200	113.800	113.300	115.400	117.600	113.300
HR24W		112.600	112.700	112.400	113.500	113.200	112.800
HR25E		115.400	115.900	114.500	115.000	115.000	110.900
HR25W		116.000	114.200	116.000	115.000	113.300	110.300
HR26N		115.900	111.300	112.500	112.500	114.600	
HR26S		112.900	114.700	109.600	112.700	113.400	
HR27N		102.800					
HR27S		103.900					
HR28N		113.000	111.700	113.900	114.600	113.300	108.800
HR28S		113.400	113.500	112.100	112.100	112.900	108.900
HR29N		111.700	112.000	111.300	110.500	112.000	106.900
HR29S		114.200	114.000	115.800	113.500	114.100	108.500
HR32N		109.400	110.100	107.600	107.900	108.200	107.900
HR32S		111.600	110.100	110.700	110.800	110.200	106.300
HR33E		111.900	113.500	111.500	112.500	111.700	107.100
HR33W		116.200	111.400	112.700	112.800	112.600	108.100
HR34N		114.000	111.700	111.500	110.300	113.300	113.000
HR34S		114.300	116.100	118.700	116.000	114.400	115.900
HR35E		108.900	106.400	108.400	108.100	106.500	101.900
HR35W		110.100	106.900	108.400	109.600	109.600	104.800
HR36N	122.700	124.400	116.800	117.400	115.600	120.900	118.200
HR36S	121.600	123.300	117.800	118.500	115.100	123.300	116.400
HR37N	116.900	115.300	115.100	115.600	112.300	113.800	113.000
HR37S	115.700	114.600	111.300	111.000	112.900	112.400	111.500
HR38N				109.100	107.500	107.600	107.900
HR38S				112.600	113.000	112.800	110.800
HR39N	116.200	115.000	111.100	115.200	113.200	114.500	113.100
HR39S	117.300	116.900	112.300	116.400	112.900	116.100	112.400
HR40N							114.000
HR40S							111.600
HR41N							110.200
HR41S							111.900
HR42N							110.800
HR42S							111.800
HR43N							117.600
HR43S							114.300
Summary	113.500	114.000	113.700	113.600	113.200	113.500	111.450
Change		0.500	-0.300	-0.100	-0.400	0.300	-2.050
Significance		0.640	0.002	0.969	0.037	0.111	0.000

Table B.69  
Rural 110 km/h arterial road results for each site in each direction of travel - per cent above 110 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	9.717	10.551	10.449	6.594	8.885	8.694	11.626
HR01S	21.048	15.253	15.317	13.517	18.975	15.009	21.927
HR02N	11.982	14.046	17.434	7.803	30.503	15.308	17.725
HR02S	17.442	24.457	14.508	12.209	28.396	18.428	12.703
HR03N	40.552	48.117	59.049	42.782	33.784	41.767	32.346
HR03S	44.237	30.705	44.444	45.730	43.626	33.145	41.411
HR04N	44.762	25.299	28.278	21.137	24.435	47.452	31.905
HR04S	25.692	36.153	26.074	24.966	22.231	31.067	36.740
HR05E	12.336	26.016	25.700	24.917	23.016	27.756	23.454
HR05W	22.490	21.905	20.072	23.913	18.674	18.964	27.694
HR06N	33.258	36.728	24.061	30.369	32.698	32.398	25.145
HR06S	31.494	32.867	33.978	34.790	25.972	32.358	30.996
HR07N		24.289	19.531	19.796	21.171	27.239	18.382
HR07S		27.908	30.759	27.728	26.157	21.815	27.167
HR08N		33.042	40.379	29.224	21.473	21.863	
HR08S		37.744	43.168	43.386	20.790	18.711	
HR09N		16.970	29.802	18.689	27.358	32.749	18.652
HR09S		42.163	34.585	41.096	32.565	33.909	25.926
HR10N		27.557	29.073	33.996	25.664	26.113	35.674
HR10S		43.613	33.560	41.196	42.004	48.137	35.577
HR11E		20.138	20.416	19.679	19.330	12.264	11.667
HR11W		24.019	16.054	22.081	10.146	8.593	10.890
HR12N		39.239	24.502	28.198	25.655	28.866	24.204
HR12S		33.402	20.558	21.053	17.553	18.546	19.104
HR13N		15.525	16.327	18.404	8.408	13.628	
HR13S		16.244	11.602	10.720	13.730	16.745	
HR14E		39.688	32.905		38.260	26.121	22.624
HR14W		35.544	38.266		34.499	44.334	29.257
HR15N		42.364	38.051	31.929	32.560	42.439	12.590
HR15S		31.586	31.430	34.297	37.741	28.669	13.270
HR16N		44.902	32.784	37.995	19.431		
HR16S		43.333	49.333	32.656	48.045		
HR17E		48.999	47.597	48.804	44.719	36.550	48.261
HR17W		40.571	47.915	41.811	37.024	48.999	37.322
HR18N		21.386	23.125	15.604	25.607	20.712	9.612
HR18S		25.190	17.530	19.318	17.263	17.146	9.349
HR19N		28.159	25.503	30.815	30.779	22.067	17.540
HR19S		28.753	30.544	30.968	26.835	31.941	38.426
HR20N		3.469	2.501	2.684	1.929	2.353	
HR20S		7.877	10.948	6.970	7.827	8.785	
HR21N		34.148	26.295	30.069	6.667	14.136	13.645
HR21S		21.714	23.327	26.307	16.099	10.185	8.934
HR22N		25.976	25.019				
HR22S		42.080	20.743				
HR23E		16.653	23.033	10.565	12.053	20.671	11.544
HR23W		20.849	22.718	20.486	21.415	23.674	17.589
HR24E		35.511	29.984	29.045	39.309	46.894	29.347
HR24W		24.639	25.906	25.206	30.858	27.570	27.208
HR25E		36.386	35.970	33.036	34.890	35.933	18.410
HR25W		36.965	28.682	38.071	34.046	27.096	15.935
HR26N		33.207	18.436	21.474	23.805	30.703	
HR26S		25.054	31.764	14.040	24.116	28.817	
HR27N		1.508					
HR27S		2.660					
HR28N		29.183	22.260	33.744	36.376	30.981	10.861
HR28S		30.525	31.237	25.117	24.305	28.437	10.948
HR29N		18.961	20.636	18.941	16.525	21.110	6.794
HR29S		29.601	29.347	35.346	27.302	30.673	10.507
HR32N		13.171	15.070	8.904	9.992	9.013	8.192
HR32S		19.456	15.319	17.357	17.281	15.668	6.244
HR33E		22.325	26.372	18.684	22.823	21.747	7.700
HR33W		37.635	18.474	26.043	24.526	23.569	11.246
HR34N		30.964	20.686	20.267	16.114	28.256	28.108
HR34S		27.946	37.500	44.455	33.826	31.125	42.247
HR35E		11.529	8.560	11.214	9.828	7.048	3.165
HR35W		15.148	8.772	12.237	14.242	13.112	5.564
HR36N	52.494	61.527	41.383	40.754	37.160	55.120	50.371
HR36S	51.387	56.712	45.527	47.263	36.712	64.101	43.485
HR37N	32.691	27.498	28.122	30.841	21.866	27.415	25.635
HR37S	30.295	27.533	18.386	17.057	23.787	21.624	19.753
HR38N				12.211	8.369	8.763	9.245
HR38S				24.582	25.880	24.378	17.393
HR39N	35.219	30.355	18.874	31.461	24.833	33.668	26.452
HR39S	38.392	39.590	21.616	38.502	23.738	35.785	22.614
HR40N							29.238
HR40S							21.433
HR41N							15.785
HR41S							23.119
HR42N							18.988
HR42S							24.008
HR43N							43.852
HR43S							33.176
Summary	26.767	28.052	27.366	27.608	26.157	26.861	20.955
Change		1.286	-0.686	0.241	-1.451	0.704	-5.905
Significance		0.495	0.019	0.899	0.071	0.096	0.000

Table B.70  
Rural 110 km/h arterial road results for each site in each direction of travel - per cent above 115 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	3.231	3.020	2.943	1.749	2.010	2.174	2.826
HR01S	7.315	4.786	3.879	3.782	5.052	3.639	6.116
HR02N	5.599	6.237	6.121	2.408	15.176	5.344	6.481
HR02S	7.330	11.646	5.599	4.133	13.386	7.995	4.346
HR03N	23.310	29.079	37.125	23.944	13.617	20.683	13.951
HR03S	22.741	15.768	22.869	22.954	21.429	14.878	17.710
HR04N	20.448	7.879	8.162	6.477	7.449	19.675	9.762
HR04S	7.977	13.831	7.292	7.280	6.032	9.020	11.890
HR05E	5.094	13.008	14.318	11.922	10.566	12.598	10.404
HR05W	12.245	9.064	8.083	10.248	6.876	5.941	13.096
HR06N	13.467	15.998	8.226	11.997	11.963	12.443	9.419
HR06S	12.615	13.892	13.812	15.027	8.790	11.792	12.241
HR07N		11.237	9.000	7.325	8.384	13.361	7.195
HR07S		13.210	14.414	12.824	10.488	8.735	11.768
HR08N		12.791	16.490	9.224	6.021	7.106	
HR08S		17.361	19.584	18.644	5.938	5.975	
HR09N		6.327	13.644	6.392	9.736	13.860	5.820
HR09S		27.790	18.262	23.062	15.489	16.222	10.282
HR10N		9.623	9.237	12.819	8.235	8.379	12.518
HR10S		20.609	12.870	16.534	16.648	20.994	13.358
HR11E		8.928	8.950	7.433	6.822	3.257	3.069
HR11W		10.834	6.207	9.046	3.098	2.299	2.774
HR12N		20.319	7.154	8.248	6.871	8.548	6.256
HR12S		14.965	5.558	4.903	3.811	4.220	4.365
HR13N		5.414	5.970	7.594	2.394	4.347	
HR13S		6.353	4.420	4.682	5.430	5.532	
HR14E		20.685	16.710		17.963	9.037	9.237
HR14W		17.440	19.296		16.689	25.697	12.027
HR15N		17.419	14.002	10.290	9.814	16.359	2.510
HR15S		9.807	9.666	12.631	13.870	7.368	3.023
HR16N		21.282	9.988	14.328	3.971		
HR16S		17.664	22.999	9.894	21.910		
HR17E		30.743	23.049	26.077	19.433	13.270	20.462
HR17W		20.432	26.272	17.706	14.772	21.745	13.085
HR18N		7.702	7.781	4.726	8.602	6.068	2.206
HR18S		8.486	4.758	5.153	4.480	3.885	2.248
HR19N		12.046	9.517	12.730	12.973	7.067	3.972
HR19S		11.342	11.505	12.903	9.532	12.369	14.487
HR20N		0.863	0.711	0.743	0.500	0.622	
HR20S		1.783	2.425	1.585	1.416	1.725	
HR21N		23.103	15.228	15.189	3.128	7.908	7.119
HR21S		12.629	13.258	14.869	8.824	3.871	3.635
HR22N		11.331	9.660				
HR22S		24.366	7.651				
HR23E		5.480	8.566	3.251	4.588	8.424	3.978
HR23W		8.697	9.005	8.463	7.794	10.069	6.105
HR24E		15.475	11.721	10.260	16.169	24.880	9.464
HR24W		8.114	8.378	7.518	10.003	9.918	7.510
HR25E		15.753	17.765	13.635	14.621	14.878	6.378
HR25W		18.240	12.899	17.933	14.660	9.637	4.575
HR26N		17.481	6.171	9.614	9.171	13.172	
HR26S		9.617	13.701	5.501	9.111	10.490	
HR27N		0.374					
HR27S		0.732					
HR28N		8.340	5.836	11.119	13.300	9.207	2.644
HR28S		9.490	9.899	6.756	6.738	8.167	2.842
HR29N		8.004	7.762	6.112	4.974	7.341	2.060
HR29S		12.666	12.069	17.161	10.780	12.234	2.879
HR32N		4.661	4.712	1.866	3.243	2.014	2.121
HR32S		8.022	5.532	6.039	6.816	5.290	1.636
HR33E		6.620	10.796	7.456	9.910	7.948	3.850
HR33W		19.011	8.272	10.043	8.574	9.259	4.124
HR34N		12.606	7.277	7.613	5.064	9.828	8.868
HR34S		12.963	18.000	23.136	17.304	13.248	18.275
HR35E		4.511	2.853	3.694	5.148	2.349	1.266
HR35W		6.897	4.184	5.789	6.891	5.331	1.504
HR36N	36.364	43.837	20.218	21.217	16.625	37.531	26.423
HR36S	34.295	39.178	24.403	26.983	15.179	48.040	20.039
HR37N	18.641	15.536	15.004	16.535	9.475	12.145	10.239
HR37S	16.943	13.921	9.318	7.245	10.016	9.027	7.793
HR38N				4.384	2.425	2.971	2.929
HR38S				9.724	10.120	9.682	5.750
HR39N	18.463	14.855	6.152	15.262	11.366	13.591	10.691
HR39S	21.106	20.923	9.899	19.164	10.654	17.107	9.028
HR40N							12.035
HR40S							7.706
HR41N							3.239
HR41S							5.956
HR42N							3.286
HR42S							6.045
HR43N							23.055
HR43S							12.912
Summary	12.389	12.617	11.865	11.924	11.253	11.698	8.638
Change		0.228	-0.752	0.058	-0.671	0.445	-3.060
Significance		0.671	0.002	0.884	0.013	0.151	0.000

Table B.71  
Rural 110 km/h arterial road results for each site in each direction of travel - per cent above 120 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	1.250	0.957	1.069	0.796	0.637	0.722	0.819
HR01S	2.200	1.368	1.284	1.197	1.391	1.015	1.520
HR02N	3.303	2.516	2.302	1.204	6.181	2.038	2.249
HR02S	2.943	5.611	1.850	1.188	6.250	3.297	1.051
HR03N	10.621	15.272	18.511	12.324	6.965	10.241	5.309
HR03S	9.502	6.639	10.572	9.253	8.352	6.026	6.525
HR04N	6.526	2.576	2.483	1.959	2.388	5.832	3.289
HR04S	2.367	4.477	2.008	2.260	2.098	2.732	2.812
HR05E	2.149	5.092	5.330	3.754	3.614	4.764	3.540
HR05W	4.939	3.987	2.425	3.949	2.522	1.942	5.109
HR06N	5.914	6.309	3.852	5.495	5.405	5.249	4.440
HR06S	4.818	4.871	4.972	6.574	4.064	4.906	5.394
HR07N		4.024	3.782	2.503	2.904	5.016	2.416
HR07S		5.546	5.834	4.459	3.992	2.812	4.165
HR08N		4.075	5.560	2.758	2.125	2.641	
HR08S		6.401	6.550	6.362	1.964	2.343	
HR09N		2.596	4.224	2.661	4.095	5.263	1.272
HR09S		14.878	7.935	10.758	6.375	6.672	4.015
HR10N		3.443	2.951	4.605	3.278	3.103	4.305
HR10S		7.868	4.946	6.108	6.216	7.714	4.899
HR11E		2.891	3.245	2.484	2.039	1.146	1.045
HR11W		3.784	2.254	3.228	1.073	0.859	1.009
HR12N		6.946	2.211	2.354	2.145	2.484	1.649
HR12S		4.240	1.507	1.258	0.984	1.094	1.008
HR13N		1.825	2.106	2.693	0.798	1.566	
HR13S		2.674	1.997	1.815	2.131	2.025	
HR14E		8.287	6.748		6.719	3.364	2.477
HR14W		7.825	9.322		8.377	10.774	5.473
HR15N		4.759	3.025	2.261	2.379	5.401	0.618
HR15S		2.717	2.432	4.016	3.635	2.169	0.970
HR16N		5.986	2.142	3.135	0.854		
HR16S		5.598	6.830	2.584	5.900		
HR17E		14.252	8.693	10.898	7.518	4.566	7.673
HR17W		8.509	10.423	6.725	5.350	7.016	4.331
HR18N		2.617	2.478	1.750	2.603	2.006	0.812
HR18S		2.617	1.607	1.867	1.339	1.295	0.817
HR19N		3.812	2.990	3.937	3.805	1.502	0.773
HR19S		3.272	3.390	3.609	2.950	3.362	3.437
HR20N		0.333	0.291	0.231	0.161	0.159	
HR20S		0.507	0.697	0.372	0.327	0.482	
HR21N		14.503	7.849	7.941	1.282	3.359	2.637
HR21S		6.171	6.316	8.170	4.283	1.310	2.157
HR22N		5.045	3.396				
HR22S		11.543	2.804				
HR23E		2.336	2.717	0.898	1.205	2.262	1.482
HR23W		3.121	3.070	2.807	2.762	3.766	2.327
HR24E		5.704	4.343	3.892	5.896	9.045	2.990
HR24W		2.440	2.531	2.152	2.426	3.066	2.055
HR25E		6.024	6.183	4.460	4.457	4.242	2.388
HR25W		6.859	4.992	6.114	4.485	3.223	1.873
HR26N		6.573	1.725	3.685	2.862	3.715	
HR26S		3.615	5.210	2.206	3.281	3.653	
HR27N		0.140					
HR27S		0.295					
HR28N		2.003	1.428	3.001	3.426	2.570	1.039
HR28S		2.353	2.596	1.698	2.034	2.330	0.903
HR29N		2.419	2.613	2.168	1.702	2.374	0.614
HR29S		4.507	3.558	6.994	3.433	3.172	1.080
HR32N		1.801	1.363	0.739	1.169	0.683	0.783
HR32S		3.521	2.205	2.621	2.868	1.942	0.534
HR33E		2.848	3.894	3.158	4.204	3.144	2.066
HR33W		8.192	3.217	4.170	3.290	4.125	2.062
HR34N		5.161	3.430	2.675	1.750	3.194	2.138
HR34S		5.471	7.000	12.333	8.609	6.464	5.696
HR35E		1.880	1.223	0.792	0.936	1.028	0.316
HR35W		3.079	1.350	2.632	2.450	2.017	0.301
HR36N	20.510	24.446	9.044	10.261	6.977	17.834	10.391
HR36S	18.166	21.904	10.585	11.732	5.725	25.335	7.651
HR37N	9.458	8.607	7.098	8.052	4.082	6.321	3.849
HR37S	8.656	6.883	4.825	2.642	5.086	4.269	3.164
HR38N				1.487	0.587	1.241	0.882
HR38S				4.006	3.400	3.712	2.321
HR39N	7.791	7.535	2.607	7.959	4.394	4.865	4.240
HR39S	8.945	10.051	4.848	8.537	5.421	7.521	4.471
HR40N							5.608
HR40S							2.709
HR41N							0.769
HR41S							1.539
HR42N							0.642
HR42S							1.835
HR43N							9.030
HR43S							4.665
Summary	4.594	4.492	3.959	3.824	3.496	3.793	2.701
Change		-0.102	-0.533	-0.135	-0.328	0.297	-1.092
Significance		0.551	0.000	0.722	0.002	0.200	0.000

Table B.72  
Rural 110 km/h arterial road results for each site in each direction of travel - per cent above 125 km/h

Location ID	2006 1 week	2007 1 week	2008 1 week	2009 1 week	2010 1 week	2011 1 week	2012 1 week
HR01N	0.688	0.391	0.517	0.378	0.215	0.353	0.337
HR01S	0.872	0.456	0.428	0.471	0.403	0.438	0.593
HR02N	2.240	1.205	0.930	0.530	2.563	0.906	1.014
HR02S	1.284	3.176	0.779	0.285	2.362	1.310	0.239
HR03N	4.828	8.787	8.790	7.746	3.430	4.418	2.593
HR03S	4.517	2.075	4.207	4.448	3.626	2.260	2.796
HR04N	2.359	1.014	0.986	0.758	0.886	2.026	1.473
HR04S	0.957	1.983	0.774	1.001	1.111	1.141	1.128
HR05E	1.035	2.139	2.168	1.856	1.689	2.126	1.359
HR05W	2.367	1.721	0.943	2.085	0.936	0.952	2.061
HR06N	3.276	3.110	1.617	2.601	2.658	3.167	2.324
HR06S	2.365	2.499	2.993	3.144	2.297	2.594	2.531
HR07N		1.766	1.484	1.252	0.984	1.782	0.683
HR07S		2.029	2.703	1.953	1.529	1.236	1.453
HR08N		1.662	2.099	1.103	0.992	1.281	
HR08S		2.568	3.141	2.777	0.883	1.166	
HR09N		1.233	1.810	1.460	1.547	2.398	0.433
HR09S		7.014	3.725	5.112	3.098	3.271	2.020
HR10N		1.492	1.362	2.391	1.423	1.241	2.013
HR10S		3.377	2.194	3.095	3.001	3.711	2.457
HR11E		1.259	1.367	0.802	0.784	0.543	0.435
HR11W		1.434	0.979	1.131	0.527	0.494	0.436
HR12N		2.245	0.963	1.059	0.977	0.968	0.639
HR12S		1.269	0.596	0.493	0.400	0.432	0.435
HR13N		1.066	0.890	1.201	0.307	0.627	
HR13S		1.146	0.999	0.898	0.902	0.806	
HR14E		3.053	2.442		2.758	1.253	1.071
HR14W		3.714	4.628		4.222	4.768	2.635
HR15N		1.085	0.994	0.830	0.780	2.474	0.239
HR15S		0.955	0.761	1.627	1.120	0.645	0.456
HR16N		1.553	0.664	0.731	0.289		
HR16S		1.996	2.229	0.818	1.607		
HR17E		6.375	3.765	5.130	3.252	2.137	3.141
HR17W		3.468	4.782	2.847	2.289	2.339	1.630
HR18N		1.022	0.956	0.825	0.992	0.953	0.279
HR18S		1.174	0.550	0.697	0.730	0.528	0.281
HR19N		1.100	1.173	1.299	1.150	0.618	0.158
HR19S		1.150	1.491	1.391	1.187	1.274	1.169
HR20N		0.120	0.103	0.091	0.085	0.068	
HR20S		0.237	0.318	0.129	0.091	0.173	
HR21N		8.263	3.611	3.932	0.667	1.330	1.187
HR21S		3.086	3.377	4.031	1.754	0.357	0.924
HR22N		2.629	1.509				
HR22S		4.777	1.374				
HR23E		1.105	0.852	0.257	0.583	0.780	0.468
HR23W		1.373	1.228	1.131	0.946	1.691	1.030
HR24E		2.443	1.888	1.748	2.265	3.008	1.264
HR24W		1.019	1.265	0.913	0.838	1.242	0.711
HR25E		2.470	1.789	1.529	1.648	1.372	0.880
HR25W		2.731	2.047	2.269	1.896	1.220	0.768
HR26N		2.168	0.652	1.209	1.138	1.474	
HR26S		1.555	2.084	0.860	1.370	1.561	
HR27N		0.045					
HR27S		0.125					
HR28N		0.619	0.618	1.021	1.126	1.001	0.508
HR28S		0.845	0.784	0.603	0.686	0.883	0.277
HR29N		0.711	0.795	0.995	0.720	0.986	0.325
HR29S		1.741	1.614	2.729	1.476	1.150	0.468
HR32N		0.812	0.467	0.311	0.641	0.205	0.555
HR32S		1.488	0.851	0.987	1.117	0.837	0.167
HR33E		1.232	1.416	1.316	2.302	1.397	1.033
HR33W		3.864	1.287	1.787	1.894	2.273	1.312
HR34N		1.946	1.975	1.337	0.921	2.048	0.871
HR34S		2.020	4.600	5.545	5.217	3.113	2.057
HR35E		0.376	0.543	0.396	0.312	0.587	0.000
HR35W		1.847	0.675	1.053	1.072	0.865	0.000
HR36N	11.752	13.770	4.025	5.913	3.711	7.398	4.701
HR36S	10.640	11.915	5.527	5.363	2.574	11.090	3.406
HR37N	3.857	4.376	3.504	3.666	2.332	2.770	1.925
HR37S	4.052	3.480	2.745	1.208	2.191	2.379	1.466
HR38N				0.626	0.352	0.527	0.459
HR38S				1.556	1.480	1.799	1.179
HR39N	3.095	3.552	1.251	4.120	1.433	2.317	1.475
HR39S	4.121	5.231	1.818	4.791	2.430	3.223	1.720
HR40N							2.710
HR40S							1.325
HR41N							0.287
HR41S							0.619
HR42N							0.152
HR42S							0.652
HR43N							3.650
HR43S							2.215
Summary	1.458	1.754	1.592	1.538	1.435	1.591	1.021
Change		0.295	-0.162	-0.054	-0.103	0.155	-0.570
Significance		0.393	0.001	0.699	0.001	0.105	0.000