Vehicle speeds on Queensland roads – May 2016

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Contents

Table of Figures

Table of Tables

Executive Summary

The Queensland Department of Transport and Main Roads (TMR) and other government agencies undertake a variety of activities to manage speed on the road network. The collection and analysis of speed data is necessary to establish benchmarks and in turn track changes in the speed-related behaviour of motorists, particularly the level of compliance with speed limits, across the road network.

Between May 2009 and May 2016, speed data has been collected at a range of 50 km/h, 60 km/h, 80 km/h and 100 km/h speed zone sites across Queensland, varying with regards to site type (urban versus rural) and remoteness (major cities, inner regional, outer regional, and remote). Due to funding constraints, site changes and/or technical issues, not all of the original sites have been retained over time and new sites have been added where possible and/or necessary.

This report examines changes in vehicle speeds across these sites. While the report focuses primarily on changes from 2015 to 2016, long-term trends in vehicle speeds are also assessed. Moreover, an examination of current levels of speed limit compliance, as well as an analysis of the expected impacts on fatal and injurious crashes associated with the observed changes in vehicles speeds, are also performed.

Changes in mean vehicle speeds

Tables E.1 and E.2 provide a snapshot of how mean vehicle speeds have changed over the survey periods in Queensland, first by site type and then by remoteness. Statistically significant changes, compared to the previous survey, are bolded and highlighted.

As can be seen, there were significant increases in mean speeds from 2015 to 2016 across 100 km/h rural sites (0.39 km/h) and across all 60-100 km/h sites (0.20 km/h). In addition, there was a significant increase in mean speeds across 60-100 km/h inner regional sites (0.45 km/h). That said, in all these instances this represented a deviation from typically positive downward trends observed in previous years. Indeed, with the exception of 100 km/h urban roads, all site type and remoteness categories experienced reductions in mean speeds over time.

While not statistically significant, other changes in mean speeds were mixed. Specifically, while there were non-significant reductions across 50 km/h urban and 80 km/h urban sites, all other site types experienced non-significant increases. Similarly, while 50 km/h inner regional sites, as well as 60-100 km/h major city and outer regional sites experienced non-significant reductions, non-significant increases were observed in the other remoteness categories.

Table E.1. Mean speeds of vehicles (km/h) by survey and site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	46.33	46.51	46.38	46.07	46.07		45.36	46.20	45.76
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			53.14	53.13	**52.73*** **	**52.02** **	52.01	51.67	51.87
60 km/h	Rural			57.39	57.02	56.77	**56.25***	56.28	56.26	56.39
80 km/h	Urban			76.20	75.86	75.03	74.77	73.91	74.06	73.71
80 km/h	Rural			85.47	84.73	84.46	84.69	83.64	83.85	84.04
100 km/h	Urban			94.98		95.50	95.59	95.84	95.56	95.93
100 km/h	Rural			96.50	95.92	**95.54***	95.47	94.91	94.91	**95.31***
All 60-100km/h sites				93.89	**93.37***	**92.99** **	92.83	92.49	92.43	**92.63***
All sites				89.97				77.70	77.74	77.93

* $p < .05$; ** $p < .01$; *** $p < .001$.
Note: Sites numbers were low (N = 1-2) for 100 km/h urban sites from 2010 to 2015.

Table E.2. Mean speeds of vehicles (km/h) by survey and remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	45.44	45.12	45.09	44.67	44.73		44.04	44.63	45.29
50 km/h	Inner regional	48.73	**49.37***	49.12	48.96	48.90		48.14	49.00	48.43
All 50 km/h sites		46.33	46.51	46.38	46.07	46.07		45.36	46.20	45.76
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			76.08		75.25	74.87	74.41	73.77	73.13
60-100 km/h	Inner regional			74.28	**74.03***	**73.64*****	**73.34*****	73.26	73.19	**73.63****
60-100 km/h	Outer regional			98.28	97.86	**97.57***	97.83	**96.95***	**97.35***	97.16
60-100 km/h	Remote			93.41	92.68	92.22	92.12	92.30	91.56	91.95
All 60-100km/h sites				93.89	**93.37***	**92.99***	92.83	92.49	92.43	**92.63***
All sites				89.97				77.70	77.74	77.93

* $p < .05$; ** $p < .01$; *** $p < .001$.

Changes from 2015 to 2016

Tables E.3 and E.4 provide a summary of changes in vehicle speeds from 2015 to 2016, first by site type and then by remoteness. Statistically significant changes are bolded and highlighted.

Overall, there were very few statistically significant changes from 2015 to 2016 across any of the speed measures for any of the speed zone site type or remoteness categories. Exceptions included for 100 km/h rural sites and 60-100 km/h inner regional sites. In both these instances, significant negative changes were observed for mean and 85th percentile speeds (as well as median speeds in 60-100 km/h inner regional sites), as well as the proportion of vehicles driving above the speed limit.

This data, while concerning, reflected a deviation from relatively consistent downward trends observed in previous years across these sites. Future surveys should seek to identify whether the increased vehicle speeds observed in 2016 represent a regression-to-the-mean or a genuine shift in trends for vehicle speeds at these sites.

Table E.3. Summary of changes in vehicle speeds by site type from 2015 to 2016

	50 km/h Urban	60 km/h Urban	60 km/h Rural	80 km/h Urban	80 km/h Rural	100 km/h Urban	100 km/h Rural
Mean speed	NS ▼	NS ▲	NS ▲	NS ▼	NS ▲	NS ▲	**SIG ▲**
Median speed	NS ▼	NS ▲	NS ▲	NS ▼	—	NS ▲	NS ▲
85th percentile speed	NS ▼	NS ▲	NS ▲	NS ▲	NS ▼	NS ▼	**SIG ▲**
At or below speed limit	NS ▲	—	NS ▼	NS ▲	NS ▲	NS ▲	**SIG ▼**
Above speed limit	NS ▼	—	NS ▲	NS ▼	NS ▼	NS ▼	**SIG ▲**
Up to 10 km/h over	NS ▲	NS ▲	NS ▲	NS ▲	NS ▲	NS ▼	NS ▲
More than 10 km/h over	NS ▼	—	NS ▲	NS ▲	NS ▼	NS ▼	NS ▲
Up to 5 km/h over	NS ▲	—	NS ▲	NS ▲	**SIG ▲**	NS ▲	NS ▲
> 5 km/h but < 10 km/h over	NS ▼	—	NS ▲	NS ▲	NS ▲	NS ▼	**SIG ▲**

Note: NS = not statistically significant; SIG = statistically significant; — = no change.

Table E.4. Summary of changes in vehicle speeds by remoteness from 2015 to 2016

	50 km/h Major Cities	50 km/h Inner regional	60-100 km/h Major Cities	60-100 km/h Inner Regional	60-100 km/h Outer Regional	60-100 km/h Remote
Mean speed	NS ▲	NS ▼	NS ▼	SIG ▲	NS ▼	NS ▲
Median speed	NS ▲	NS ▼	NS ▼	SIG ▲	NS ▼	NS ▲
85th percentile speed	—	NS ▼	NS ▼	SIG ▲	NS ▼	NS ▲
At or below speed limit	NS ▼	NS ▲	NS ▲	SIG ▼	NS ▲	NS ▼
Above speed limit	NS ▲	NS ▼	NS ▼	SIG ▲	NS ▼	NS ▲
Up to 10 km/h over	NS ▲	NS ▼	NS ▼	SIG ▲	NS ▲	NS ▲
More than 10 km/h over	NS ▼	NS ▼	NS ▼	NS ▲	NS ▼	NS ▲
Up to 5 km/h over	NS ▲	NS ▲	NS ▼	SIG ▲	NS ▲	NS ▲
> 5 km/h but < 10 km/h over	NS ▼	NS ▼	NS ▼	SIG ▲	NS ▼	NS ▲

Note: NS = not statistically significant; SIG = statistically significant; — = no change.

While not statistically significant, the relatively negative overall changes from 2015 to 2016 across speed measures observed in both 60 km/h and 80 km/h urban and rural sites, as well as 60-100 km/h remote sites, was concerning. However, similar to the trends observed in the 100 km/h rural sites, these negative changes represented a deviation from typically positive long-term trends. Future surveys should also seek to monitor the ongoing trajectory of trends across these sites.

Positive changes in speed measures from 2015 to 2016 were typically observed across 50 km/h urban sites, 50 km/h inner regional sites, as well as 60-100 km/h major city and outer regional sites. However there was some evidence of an increase in low level speeding. Taken together with data showing reductions in more excessive speeding, as well as increases in the proportion of vehicles travelling at or below the speed limit at these sites, this is largely indicative of an overall downward shift in vehicle speeds, and suggests that some drivers, while still exceeding the speed limit, are doing so by lesser amounts.

A number of additional encouraging findings were also observed with relation to vehicle speeds in 2016. For example, with the exception of 80 km/h rural sites, mean speeds were below the posted speed limit across all site types and over 65% of vehicles were travelling at or below the speed limit. Finally, the majority of drivers who exceeded the speed limit were observed as doing so by up to 5 km/h over, with only a small proportion exceeding the speed limit by more than 10 km/h. This data is consistent with previous observational studies conducted in Queensland that show that the majority of drivers obey posted speed limits (Glendon & Sutton, 2005) and that those drivers who do exceed the speed limit, typically do so by up to 10 km/h – a de facto speed limit largely associated with perceptions of enforcement thresholds (Fleiter, Watson, Lennon, King & Shi, 2009).

Long-term trends

Table E.5 shows the long-term changes in speed measures across the site types from 2010 to 2016. The analysis found statistically significant positive long-term changes across 50 km/h urban sites, including reductions in mean, median and 85th percentile speeds, as well as reductions in the proportion of vehicles exceeding the posted speed limit, particularly at higher levels.

Similar significant and positive trends were observed across 60-100 km/h rural sites, while the only significant change observed across 60-100 km/h urban sites was a slight reduction in the proportion of vehicles exceeding the speed limit by more than 10 km/h, however the smaller number of comparisons in the latter category of sites means that the findings should be interpreted with caution.

Table E.5. Long-term changes in vehicle speeds from 2010 to 2016 by site type

Speed zone/Site type	Speed measure	May 2010	May 2016	Change
50 km/h Urban	Mean	46.25	45.76	**-0.48***
	Median	47.55	47.12	**-0.43****
	85th percentile	56.10	55.35	**-0.75*****
	% At or below limit	62.49	63.30	**0.80***
	% Above limit	37.51	36.70	**-0.80***
	% Above up to 5 km/h	19.88	20.52	0.63
	% Above up to 10 km/h	32.21	31.95	-0.26
	% Above by 6-10 km/h	10.92	10.61	**-0.30***
	% Above more than 10 km/h	6.00	5.11	**-0.89*****
60-100 km/h Urban	Mean	63.92	61.04	-2.88
	Median	62.78	60.15	-2.63
	85th percentile	71.20	67.19	-4.02
	% At or below limit	76.79	74.78	-2.02
	% Above limit	23.21	25.22	2.02
	% Above up to 5 km/h	15.72	18.91	3.19
	% Above up to 10 km/h	20.82	23.19	2.37
	% Above by 6-10 km/h	4.88	4.49	-0.39
	% Above more than 10 km/h	2.03	1.58	**-0.45***
60-100 km/h Rural	Mean	95.02	94.79	-0.23
	Median	95.60	95.64	0.04
	85th percentile	106.48	104.98	**-1.50****
	% At or below limit	64.10	66.27	**2.17****
	% Above limit	35.90	33.73	**-2.17****
	% Above up to 5 km/h	15.30	15.75	0.46
	% Above up to 10 km/h	24.08	24.93	0.85
	% Above by 6-10 km/h	9.18	8.27	**-0.91***
	% Above more than 10 km/h	8.98	7.13	**-1.85****

Note: *N* = 28 comparisons for 50 km/h urban sites; N = 18 comparisons for 60-100 km/h urban sites; N = 108 comparisons for 60-100 km/h rural sites.

Moreover, the research revealed downward trends in mean speeds across the speed zones by both site type and remoteness, with the exception of 100 km/h urban sites. It was also found that mean speeds at rural and more remote sites were consistently higher than those observed across urban, metropolitan or inner regional sites, with the exception of 100 km/h zones. That said, as noted previously, mean speeds were typically still below the posted speed limit across these sites.

Taken together, these findings generally suggest positive long-term shifts in vehicle speeds and the proportion of speeding vehicles across most of the Queensland road network. However, taken together with data showing poorer rates of compliance (see following section for more), it suggests that there may be room for improvement in interventions and enforcement on more rural and remote roads and with the drivers that typically use these roads.

Speed limit compliance

Figures E.1 and E.2 show the levels of compliance with speed limits by site type and remoteness in 2016. Encouragingly, the findings of this research highlighted that the majority of drivers are typically compliant with posted speed limits.

Specifically, when analysing compliance with speed limits across site types, it was found that 65% of all vehicles were travelling at or below the speed limit for each of the site type categories, with the exception of 80 km/h rural sites. The highest proportions of compliant speeds were observed at urban sites. Of those vehicles that were observed exceeding the speed limit, the majority did so by relatively small amount (up to 5 km/h), with only a small proportion of vehicles travelling in excess of 10 km/h over the speed limit.

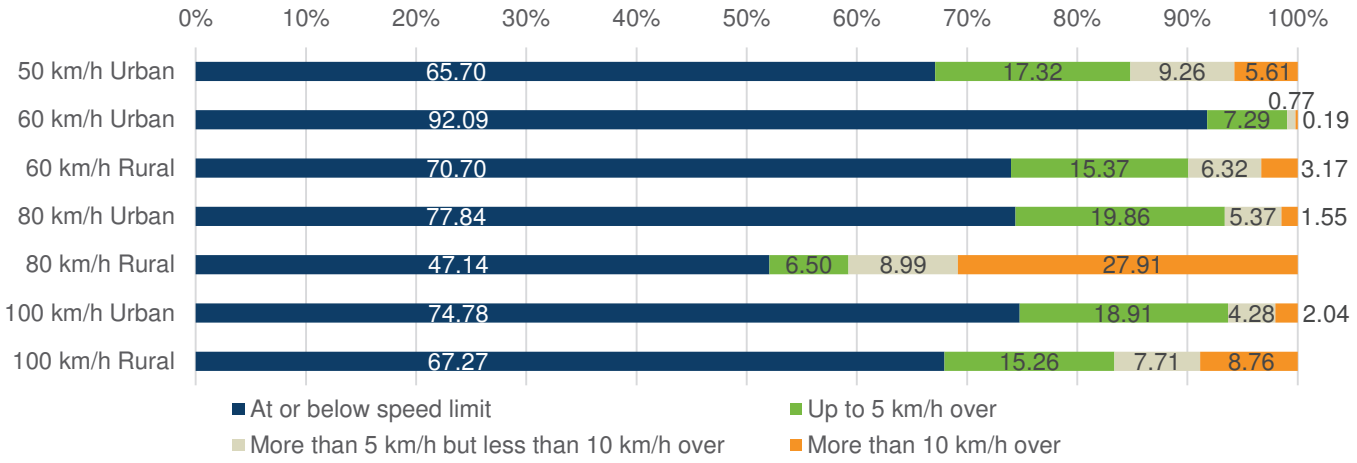

Figure E.1. Proportion of vehicles complying with and exceeding the speed limit by site type

Similar findings were reported in relation to the remoteness of sites. Specifically, more than 60% of vehicles were travelling at or below the speed limit in all remoteness site categories, with the exception of 50 km/h inner regional sites. The highest proportion of compliant speeds were observed across major city and inner regional sites. Again, the majority of vehicles that were exceeding the speed limit did so by up to 5 km/h, with only a small proportion travelling in excess of 10 km/h over the speed limit.

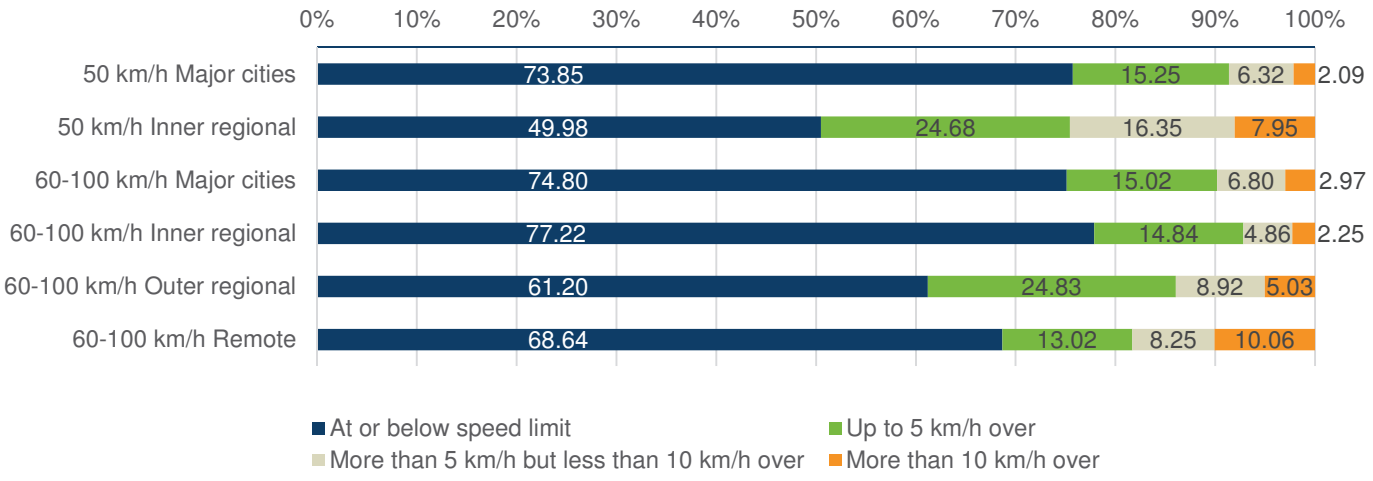

Figure E.2. Proportion of vehicles complying with and exceeding the speed limit by remoteness

It is worth noting that, generally speaking, higher proportions of vehicles exceeded the speed limit as sites became more remote. Specifically, speeding was typically more prevalent, and more excessive, in rural and remote areas, compared to urban areas, and this finding was observed across all speed zones. This finding may be a product of lower perceptions of enforcement in more remote areas, or differences in underlying driver attitudes in more remote areas, and suggests that there are opportunities for improved enforcement and public education in these areas.

As stated previously, this data is consistent with previous observational studies conducted in Queensland that show that the majority of drivers obey posted speed limits (Glendon & Sutton, 2005) and that those drivers who do exceed the speed limit, typically do so by relatively smaller amounts (Fleiter, et al., 2009).

Expected effect on injuries

Using Cameron and Elvik's (2010) refined power estimates, expected changes in casualties and fatalities associated with the observed changes in the mean speeds of vehicles were calculated. Table E.6 shows the expected changes in the proportion of fatality or injurious crashes between 2015 and 2016 by site type.

While there were no statistically significant changes in either expected fatality crashes or injurious crashes, the results do indicate that even small changes in mean speeds have the potential to have practically significant impacts on the number of injuries and fatalities on Queensland roads. However, caution is required when interpreting these results to issues associated with the generalisability of observed changes on the sampled roads, uncertainty regarding the accuracy of the power estimates, and confounding factors.

Table E.6. Expected percentage changes in fatal injuries and casualties from 2015 to 2016 by site type

Speed limit/Site type	Fatal injuries	Casualties
50 km/h Urban	-3.99	-1.66
60 km/h Urban	1.68	0.69
60 km/h Rural	0.98	0.40
80 km/h Urban	-1.99	-0.82
80 km/h Rural	1.04	0.55
100 km/h Urban	1.83	0.96
100 km/h Rural	1.97	1.04

1 Introduction

The Queensland Department of Transport and Main Roads (TMR), along with other government agencies, undertake a variety of activities to manage speeds on the road network. The collection and analysis of speed data is necessary to establish benchmarks and in turn, track changes in the speed-related behaviour of motorists, and in particular the level of compliance with speed limits, across the road network.

Since May 2009, speed data has been collected at a variety of sites across Queensland. While the majority of sites represent those traditionally used by TMR to conduct measurements primarily for traffic volumes, these sites have also been supplemented by a series of dedicated surveys recording individual vehicle speeds at a number of additional sites.

Due to various equipment failures, changes in road conditions and movement of collection sites, some sites were not retained in future surveys, or data may not be available for a particular survey from a particular site. In addition, new sites are also occasionally added as required.

Data regarding when speed data have been surveyed are detailed in Table 1.1 below. For a variety of reasons, such as sources of data (e.g., binned versus individual data), early surveys were conducted at inconsistent times across 50 km/h and 60-100 km/h zones.

Table 1-1. Speed survey dates over time by speed zone

50 km/h zones	60-100 km/h zones
Survey 1 (S1): May 2009	
Survey 2 (S2): November 2009	
Survey 3 (S3): May 2010	Survey 1 (S1): May 2010
Survey 4 (S4): November 2010	
	Survey 2 (S2): May 2011
Survey 5 (S5): November 2011	
	Survey 3 (S3): May 2012
	Survey 4 (S4): May 2013
Survey 6 (S6): May 2014	Survey 5 (S5): May 2014
Survey 7 (S7): May 2015	Survey 6 (S6): May 2015
Survey 8 (S8): May 2016	Survey 7 (S7): May 2016

The addition of 60-100 km/h sites, as well as incomplete measurements, experienced in May 2010 required the development of a new methodology for comparing survey results (developed by Kloeden, Lydon and Woolley, 2008; see Section 2.6 for more detail).

Between 2011 and 2014 the number of TMR data collection sites were substantially reduced, resulting in a loss of the original 60-100 km/h sites used in the previous surveys. Nevertheless, a number of other 60-100 km/h speed zone sites were surveyed between 2010 and 2014 and these sites were examined using the same statistical method as the previous surveys.

This report examines changes in vehicle speeds between the surveys. While the report predominately focusses on changes from 2015 to 2016, it also considers long-term trends in speed measurements. Section 2 of this report provides an overview of the methodology in regards to the collection and analysis of data, while Section 3 presents the results. Finally, Section 4 discusses the implications of the findings for road safety in Queensland.

2 Methodology

There are two sources of survey data: (1) binned survey data from selected TMR sites; and (2) a commissioned survey of individual vehicle speeds. These sources of data are explained in more detail in the following sections.

2.1 TMR binned data survey

TMR conducts traffic surveys, primarily for the purposes of measuring traffic volumes, at a large number of set sites across the state using pneumatic tubes laid across the road. For the speed survey detailed in this report, a subset of these sites are selected in different regions with the aim of generally reflecting the population distribution around Queensland. Attempts are also made to standardise the timing of the surveys at these sites and the data collected for all surveys over time.

A minimum of three weeks of data is requested from each site, although some sites may only have one week of data available. A continuous week of data is selected at each site where possible. Traffic volumes at each site are examined by hour of day for each day of data collection to identify missing data and unusual traffic flows, and hourly traffic volumes are also compared between surveys at each site to detect major changes in conditions. This process results in a "typical" week of data being identified and selected for each site for each survey.

The TMR surveys record one line of data for each lane of a site every hour. Specifically, the data consists of:

- Site identification information
- Lane identifier (which indicates direction of travel)
- Date
- Hour of day
- Total number of vehicles
- Average speed of all vehicles
- The number of vehicles in each of 12 bins (ranges) of speeds.

The bins used depend on the speed limit of the site and are shown in Table 2.1. Measured speeds above the highest bin range are considered errors and are not recorded. It is worth noting that binned data is not collected on roads with 50km/h speed limits.

Table 2-1. Speed bins used in different speed limit zones

Speed bin	60 km/h	80 km/h	100 km/h
1	0-30	0-40	0-50
2	30-40	40-60	50-60
3	40-45	60-70	60-70
4	45-50	70-75	70-80
5	50-55	75-80	80-90
6	55-60	80-85	90-95
7	60-65	85-90	95-100
8	65-70	90-95	100-105
9	70-75	95-100	105-110
10	75-80	100-105	110-115
11	80-90	105-110	115-120
12	90-120	110-140	120-150

Since median and 85th percentile speeds cannot be directly determined from the binned data, an approximation method is used. The bin (i.e., range) that the median or 85th percentile speed is located in is identified and then a linear interpolation, based on the bin edge speeds and edge percentiles, is used to determine estimated median and 85th percentile speeds.

The number of TMR sites successfully surveyed varies from survey to survey due to equipment malfunctions, scheduling conflicts or through the data being incomplete or collected incorrectly. These sites are retained, however data for the site is not analysed for that particular survey.

In addition, sites may become unsuitable for further data collection due to a variety of reasons. These include changes in the speed limit at the site, changes in the layout of the site, ongoing technical issues with the data from the site, or the site ceasing to be a collection site. Earlier data for these sites are retained where analysis was suitable.

In order to make up for the cessation of some sites, and to add statistical power, a number of new sites have been added over time. This also applies where a previous site has relocated or been rezoned (for example, changed from an 80km/h zone to a 60km/h zone), with the new location treated as a new site and no further data collected for the old site.

2.2 Individual data survey

In order to supplement the TMR sites and provide some individual vehicle level data, a contractor is commissioned to conduct surveys at a number of sites in south-east Queensland. Pneumatic tubes laid across the road are used to record data.

These surveys record one line of data for each vehicle passing a site. Specifically, the data consists of:

- Date
- Time (to nearest second)
- Direction of travel
- Speed (to nearest 0.1 km/h)
- Wheelbase of vehicle (to nearest 0.1 m)
- Headway (to nearest 0.1 second)
- Gap (to nearest 0.1 second)
- Number of axles
- Vehicle class (based on number of axles and wheelbase).

Traffic volumes at each site are examined by hour of day for each day of data collection to identify missing data and unusual traffic flows. Hourly traffic volumes are also compared between surveys at each site to detect major changes in conditions. This results in a “typical” week of data being identified and selected for each site for each survey.

2.3 Selection of surveyed sites included in the analysis

Speed surveys are collected at a greater number of sites then what is included in the analyses presented in this report. Sites that are included in this report are selected using the following criteria, and these guidelines are also applicable when choosing new sites to include in the analyses (see Kloeden, Lydon, Wooley, 2008 for more information):

- Start with the currently surveyed set of sites for the given road type and speed limit
- Exclude sites within 1 km/h of a speed limit change
- Exclude sites within 500 metres of an intersection
- Exclude sites located on steep gradients (more than 10 degrees off level)

- Exclude sites subject to major seasonal variation (for example, flooding)
- Exclude sites that are likely to undergo change in layout in the near future
- Exclude sites that are within 10 kilometres of another site in rural areas, or within 1 kilometre in urban areas
- Sites that sample traffic year round and sites that can collect individual vehicle speed data are to be preferred
- Select a group of at least 10 sites (preferably 20+) with speeds measured in both directions (double for single direction sites) that as closely as possible represent vehicle travel throughout the various regions of the state.

Tables 2.2 and 2.3 show the number of sites with successful data collection by site type and survey period. Full site survey details are presented in Appendix A. In these tables, and indeed throughout this entire report, surveyed sites are typically categorised in three ways:

(1) By speed zone (50 km/h, 60 km/h, 80 km/h or 100 km/h)

(2) By site type (urban or rural)

(3) By remoteness (major cities, inner regional, outer regional, remote).

Regarding remoteness, sites are analysed using the Australian Standard Geographical Classification structure of Accessibility/Remoteness Index of Australia (ARIA+) classifications, which measures the road distance from the site to various service centres. This score is then grouped into the following remoteness categories: (i) major cities of Australia; (ii) inner regional Australia; (iii) outer regional Australia; (iv) remote Australia; and, (v) very remote Australia. Given the low number of "remote" and "very remote" sites, these two groups are combined into a single "remote" group.

Table 2-2. Number of sites sampled by site type and survey

Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h urban	19	20	19	18	20		18	18	15
Site type			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h urban			5	10	10	23	18	22	24
60 km/h rural			7	8	9	17	7	16	17
80 km/h urban			3	4	5	15	6	15	16
80 km/h rural			4	6	8	18	8	13	19
100 km/h urban			1	0	1	2	1	1	10
100 km/h rural			53	53	60	79	49	51	63
Total (60-100km/h zones)			**73**	**81**	**93**	**154**	**89**	**118**	**149**
Total (all zones)			**92**				**107**	**137**	**164**

Table 2-3. Number of sites sampled by remoteness and survey

Remoteness	Speed limit	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
Major cities	50 km/h	12	12	11	10	12		11	11	7
Inner regional	50 km/h	7	8	8	8	8		7	7	8
Remoteness	**Speed limit**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
Major cities	60+ km/h			1	3	2	19	4	16	27
Inner regional	60+ km/h			21	32	35	57	40	47	54
Outer regional	60+ km/h			17	19	22	35	17	26	31
Remote	60+ km/h			34	27	34	43	28	29	37
All 60+ sites				**73**	**81**	**93**	**154**	**89**	**118**	**149**
All sites				**92**				**107**	**137**	**164**

Each of the speed survey sites was classified into one of these categories (details in Appendix A). Ideally, groups of different speed limits would be analysed for each remoteness category. However, there were too few sites available for this to produce meaningful results. Therefore, it was decided to consider all speed limit sites as a single group in each of the remoteness categories. This was done separately for the 50 km/h and 60-100 km/h sites as the survey dates differed between speed zone categories. Since there were very few "remote" and "very remote" sites, it was also decided to combine the "remote" and "very remote" groups into a single "remote" group. There were no 50 km/h speed zones surveyed outside the inner regional areas.

Analyses of sites by site type are conducted for each speed zone. That is, data is presented for both 60 km/h urban and 60 km/h rural sites, 80 km/h urban and 80km/h rural sites, as well as 100 km/h urban and 100 km/h rural sites. It is worth noting that all 50 km/h sites are classified as urban.

Unfortunately, conducting similar speed zone analyses for each remoteness category is not feasible given that there are too few sites available for this to produce meaningful results. As such, analyses of sites by remoteness are conducted separately for 50 km/h sites, as well as for all 60-100 km/h sites. The justification for analysing these speed limit zones separately is due to the differing survey dates between the speed zone categories. It is worth noting that all 50 km/h sites are classified as either being in major cities or inner regional areas.

2.4 Survey comparison methodology

The original methodology for comparing data from survey to survey assumed that practically all sites would be successfully measured in each survey and that no new sites would be added. This would have allowed the same set of sites to be analysed for changes over time. However, it became apparent that there was an issue with a substantial number of sites failing to be measured successfully in given surveys or becoming unsuitable for further surveys.

A potential solution to this problem was to restrict the analysis to only sites that had valid measurements in all surveys. However, it was acknowledged that this would, over time, reduce the number of sites available for analysis to levels where even large changes in speeds would not be able to achieve statistical significance for particular site types.

Therefore, an alternative solution was chosen whereby adjacent pairs of surveys are compared for changes in speed measurements. That is, changes in a speed measurement (e.g., mean speed) are determined between two surveys is data exists for that site in *both* adjacent surveys (e.g., in S1 and S2, or in S5 and S6). These pairs are likely to vary over time.

As a concrete example, consider data for mean speed changes at 50 km/h urban sites detailed in Table B1 in Appendix B. To determine the change in mean speeds between the May 2009 survey (S1) and the November 2009 survey (S2), data were compared for all 50km/h sites with successful mean speed measurements in *both* S1 and S2 (a total of 19 sites; U050-02 to U050-20). Similarly, to determine the change in mean speed between the November 2009 survey (S2) and the May 2010 survey (S3), the mean speeds are compared for all sites with successful measurements in *both* S2 and S3 (again a total of 19 sites, but this time different sites; U050-01 to U050-11 and U050-13 to U050-20).

This method has the advantage of using more of the available data for determining changes and is more tolerant to site cessation. This approach also allows new sites to be added to the analysis over time, and thus increase the power of detecting speed changes. While the approach does rely on the assumption that changes in the speed measurements are not dependent on particular site characteristics, the fact that the objective is to identify overall trends in speed changes makes it reasonably appropriate to assume this.

Tables 2.4 and 2.5 show the number of site pairs available for survey comparisons by site type and remoteness. For the 50 km/h speed zones, the maximum number of available S8-S9 (future survey) comparisons are fixed by the sites that were surveyed in S8. Similarly, for the 60-100 km/h speed zones, the maximum number of available S7-S8 (future survey) comparisons are fixed by the sites that were surveyed in S7. However, if additional sites are surveyed in the S8/9 surveys, they can add to the statistical power of future survey comparisons.

Table 2-4. Number of sites available for comparisons by road type and survey pair

Site type	S1-S2 May 09-Nov 09	S2-S3 Nov 09-May 10	S3-S4 May 10-Nov 10	S4-S5 Nov 10-Nov 11		S5-S6 Nov 11-May 14	S6-S7 May 14-May 15	S7-S8 May 15-May 16	S8-S9* May 16-May 17
50 km/h urban	19	19	18	18		18	17	13	15
Site type			**S1-S2 May 10-May 11**	**S2-S3 May 11-May 12**	**S3-S4 May 12-May 13**	**S4-S5 May 13-May 14**	**S5-S6 May 14-May 15**	**S6-S7 May 15-May 16**	**S7-S8* May 16-May 17**
60 km/h urban			4	8	10	18	16	22	24
60 km/h rural			2	4	9	7	7	15	17
80 km/h urban			2	4	5	6	6	14	16
80 km/h rural			2	4	8	8	6	12	19
100 km/h urban			0	0	1	1	1	1	10
100 km/h rural			40	47	59	49	39	39	63
Total (60-100km/h zones)			**50**	**67**	**92**	**89**	**75**	**103**	**149**
Total (all zones)						**107**	**92**	**117**	**164**

* Assuming all S7/8 sites are sampled again in S8/9.

Table 2-5. Number of sites available for comparisons by remoteness and survey pair

Remoteness	Speed limit	S1-S2 May 09-Nov 09	S2-S3 Nov 09-May 10	S3-S4 May 10-Nov 10	S4-S5 Nov 10-Nov 11		S5-S6 Nov 11-May 14	S6-S7 May 14-May 15	S7-S8 May 15-May 16	S8-S9* May 16-May 17
Major cities	50 km/h	12	11	10	10		11	10	6	7
Inner regional	50 km/h	7	8	8	8		7	7	7	8
Remoteness	**Speed limit**			**S1-S2 May 10-May 11**	**S2-S3 May 11-May 12**	**S3-S4 May 12-May 13**	**S4-S5 May 13-May 14**	**S5-S6 May 14-May 15**	**S6-S7 May 15-May 16**	**S7-S8* May 16-May 17**
Major cities	60+ km/h			-	1	2	4	3	15	27
Inner regional	60+ km/h			15	26	34	40	36	42	54
Outer regional	60+ km/h			10	14	22	17	16	22	31
Remote	60+ km/h			25	26	34	28	20	24	37
All 60+ sites				**50**	**67**	**92**	**89**	**75**	**103**	**149**
All sites								**92**	**117**	**164**

* Assuming all S7/8 sites are sampled again in S8/9.

2.5 Survey dates

The survey date ranges for each survey are shown in Table 2-6 on the following page. Note that some testing was conducted outside of the nominal month description given to each survey. As discussed earlier, it can be seen that many of the survey periods do not match up between the 50 km/h sites and the 60-100 km/h sites, with the exception of May 2010 and May 2014 onwards.

Table 2-6. Date ranges for data collection in each survey

Survey (50 km/h zones)	Start date	End date
(S1) May 2009	10 May 2009	4 June 2009
(S2) Nov 2009	19 October 2009	20 November 2009
(S3) May 2010	11 May 2010	28 May 2010
(S4) Nov 2010	17 October 2010	7 November 2010
(S5) Nov 2011	13 October 2011	29 November 2011
(S6) May 2014	21 May 2014	8 June 2014
(S7) May 2015	22 May 2015	19 June 2015
(S8) May 2016	4 May 2016	15 June 2016

Survey (60-100 km/h zones)	Start date	End date
(S1) May 2010	8 May 2010	5 June 2010
(S2) May 2011	22 May 2011	5 June 2011
(S3) May 2012	22 May 2012	5 June 2012
(S4) May 2013	22 May 2013	5 June 2013
(S5) May 2014	21 May 2014	16 June 2014
(S6) May 2015	15 May 2015	16 June 2015
(S7) May 2016	9 May 2016	6 June 2016

2.6 Quantifying and testing changes

Previously in Section 2.4, the methodology for conducting survey comparisons was outlined. This section extends on that discussion and considers how changes in speed measurements between surveys are quantified and tested.

As a concrete example, consider data for mean speeds at 60 km/h urban sites (see Table B8 in Appendix B). As can be seen, five sites were successfully surveyed in May 2010 (S1), while ten sites were successfully surveyed in May 2011 (S2), including four of the five sites that were successfully surveyed in S1. Of these four sites, three were surveyed in each direction and one site was surveyed in only one direction, resulting in a total of seven mean speed change measurements. These data are shown in the "S2 - S1" column of Table B.8 and represent the difference between each of the pairs of data.

A natural analysis of this data would be to take the average of all the differences and then test for statistical significance using a paired samples t-test. However, this relies on the assumption that the differences are normally distributed and that there are no extreme outliers in the data. Through observation of the data collected, both of these assumptions appear violated. It appears that high volume sites are relatively stable from survey to survey, while low volume sites can vary significantly from survey to survey. There are also occasional sites that show large variations from survey to survey with no identified explanation. Due to the violation of these assumptions, spurious results may emerge. For example, a single site with unidentified roadworks resulting in a 15 km/h reduction in mean speeds could result in a 1 km/h reduction in mean speeds for all sites as a group, when all the other sites showed no change.

As a result, the Wilcoxon signed ranks test was identified as a more appropriate method for statistically testing the changes, given that this nonparametric analysis does not assume normally distributed differences and is much more resistant to extreme outliers in the data. Specifically, the Wilcoxon signed ranks test calculates if the median difference is zero (technically it tests if the differences are symmetrical around a median of zero, but there is no reason to think the speed survey data is non-symmetrical). Therefore, rather than using the mean of the differences as our summary statistic, we use the median of the differences.

The next step is to express the differences in terms of absolute speed measurements. Since there is not a single set of sites running through the surveys, and the absolute values of speed measurements are highly site dependent, there is no direct way of expressing absolute summary speed measurements for a given road type apart from knowing what the summary differences are.

Returning to the urban 60 km/h sites example (Table B.8), the following steps were used to calculate the data:

1. Calculate the median value of the mean speed measurements across all sites measured in May 2010 (S1) and set that to the summary value for the S1 column (i.e., 53.144 km/h)
2. Calculate the median value of the mean speed change measurements across all pairs of data measured across S1 and S2 and set that to the summary value for the S2-S1 column (i.e., -0.015 km/h) – this represents the best estimate of the speed change from S1 to S2
3. To obtain the summary value for the S2 column, add the S2-S1 summary value to the S1 summary value (i.e., 53.129 km/h) – this maintains the calculated difference while giving an absolute speed measurement relative to the first survey
4. Follow Steps 2 and 3 to calculate the remaining summary values using data from the subsequent surveys.

Significance values are calculated for each of the summary values for speed changes between surveys using the Wilcoxon signed ranks test. In the urban 60 km/h sites example (Table B.8), it can be seen that the statistical significance of the S2-S1 summary value (calculated at Step 2 above as -0.015) is 0.610. This means there is a 61% chance that the value would occur due to random error or chance if the null hypothesis (that is, that there is no underlying difference between speeds from S1 to S2) is true. Generally speaking, a significance value greater than 0.050 (suggesting more than 5% chance of the value occurring due to chance) is indicative of a lack of statistical significance of the finding.

Thus, in this instance, it can be concluded that speeds on urban 60 km/h roads did not change significantly from S1 to S2. In contrast, the S3-S2 comparison shown in Table B.8 shows a reduction of 0.395 km/h between S2 and S3 which

was found to be highly statistically significant (less than 0.1% probability of the value occurring by chance if there was no underlying speed change).

2.7 Overview of outcome variables and site characteristics

The results presented throughout Section 3 of this report, as well as the tables that comprise Appendix B, report on a number of outcome variables, while also classifying the characteristics of sites in a number of ways. Specifically, the following outcome variables are assessed throughout the report:

- Mean speeds (average vehicle speeds)
- Median speeds (midpoint of the speed distribution)
- 85th percentile speeds (speed that 85% of vehicles are under)
- Percentage of vehicles at or below the speed limit
- Percentage of vehicles above the speed limit
- Percentage of vehicles less than 5 km/h above the speed limit
- Percentage of vehicles less than 10 km/h above the speed limit
- Percentage of vehicles greater than 5 km/h, but less than 10km/h, above the speed limit
- Percentage of vehicles greater than 10 km/h above the speed limit.

In addition, as discussed in Section 2.3, surveyed sites are categorised in three ways, first by speed zone, and then subsequently by site type and remoteness. As such, the following categories of sites are analysed in this report:

- Site type (urban/rural):
    - 50 km/h urban sites
    - 60 km/h urban sites
    - 60 km/h rural sites
    - 80 km/h urban sites
    - 80 km/h rural sites
    - 100 km/h urban sites
    - 100 km/h rural sites
- Remoteness (major city/inner regional/outer regional/remote):
    - 50 km/h major city sites
    - 50 km/h inner regional sites
    - 60-100 km/h major city sites
    - 60-100 km/h inner regional sites
    - 60-100 km/h outer regional sites
    - 60-100 km/h remote sites.

3 Results

This section of the report outlines the results of the changes in speed across the surveys. Section 3.1 provides a summary of the results by speed limit and site type, while Section 3.2 provides a summary of the results by speed limit and remoteness. Section 3.3 then discusses overall findings by speed zone. These sections focus on changes in vehicle speeds from 2015 to 2016. Trends over time in mean vehicle speeds are then discussed in greater detail in Section 3.4, followed by a more comprehensive examination of overall levels of compliance and disobedience with speed limits in Section 3.5. In Section 3.6, an analysis of the expected impact of changes in speed on road trauma is presented. Finally, a six-year comparison of changes in speed measurements is presented in Section 3.7.

Detailed results by site, direction and site type can be found in Appendix B.

3.1 Summary results by speed limit and site type

As discussed in Section 2.3, sites were categorised in a variety of ways. This section discusses the results of analyses of the speed zone by site type categories. That is, this section focuses on changes in vehicle speeds by speed zone (50 km/h, 60 km-h, 80 km/h, 100 km-h) and site type (urban versus rural). Specifically, the following categories are analysed:

- 50 km/h urban sites
- 60 km/h urban sites
- 60 km/h rural sites
- 80 km/h urban sites
- 80 km/h rural sites
- 100 km/h urban sites
- 100 km/h rural sites.

In addition, this section also presents overall results for each of the speed zone categories, namely 50 km/h speed zone sites, 60-100 km/h speed zone sites and all sites combined.

This section focuses on results pertaining to changes in speed measurements from 2015 to 2016 – the last two years the survey has been completed. An examination of long-term trends and changes in vehicle speeds can be found in Sections 3.4 and 3.7.

Tables 3.1 to 3.18 present summary statistics and data on changes between surveys for each of the speed measurements outlined in Section 2.7. The data were analysed and tested using the method detailed in Section 2.6. This is followed by a summary of the results in Section 3.1.10.

3.1.1 Changes in mean vehicle speeds from 2015 to 2016 by site type

Tables 3.1 and 3.2 present the findings related to changes in mean vehicle speeds by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in mean speeds from 2015 to 2016, it can be seen that there was a significant 0.20 km/h increase across 60-100 km/h speed zone sites, from 92.43 km/h to 92.63 km/h. Mean speeds also increased by 0.19 km/h across all sites, to 77.93 km/h, however this change was not statistically significant. Across 50 km/h speed zone sites, there was a non-significant 0.44 km/h reduction in mean speeds, to 45.76 km/h.

Looking at individual speed zone by site type categories, it appears that the significant increase in mean speeds across 60-100 km/h zones may largely be attributable to a significant 0.39 km/h increase across rural 100 km/h sites, from 94.91 km/h to 95.31 km/h. Non-significant increases were observed in all other site type categories across the 60-100 km/h zones (in the magnitude of 0.13 to 0.37 km/h), with the exception of 80 km/h urban sites, where a non-significant reduction of 0.35 km/h was observed.

Table 3-1. Mean speeds of vehicles (km/h) by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	46.33	46.51	46.38	46.07	46.07		45.36	46.20	45.76
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			53.14	53.13	52.73	52.02	52.01	51.67	51.87
60 km/h	Rural			57.39	57.02	56.77	56.25	56.28	56.26	56.39
80 km/h	Urban			76.20	75.86	75.03	74.77	73.91	74.06	73.71
80 km/h	Rural			85.47	84.73	84.46	84.69	83.64	83.85	84.04
100 km/h	Urban			94.98		95.50	95.59	95.84	95.56	95.93
100 km/h	Rural			96.50	95.92	95.54	95.47	94.91	94.91	95.31
All 60-100km/h sites				93.89	93.37	92.99	92.83	92.49	92.43	92.63
All sites				89.97				77.70	77.74	77.93

Table 3-2. Changes in mean speeds of vehicles (km/h) by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	0.18	-0.13	-0.31	-0.00		-0.71	0.84	-0.44
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-0.02	**-0.40*** **	**-0.71** **	-0.01	-0.34	0.20
60 km/h	Rural			-0.37	-0.25	**-0.53***	0.04	-0.02	0.13
80 km/h	Urban			-0.34	-0.83	-0.26	-0.86	0.15	-0.35
80 km/h	Rural			-0.74	-0.27	0.23	-1.05	0.22	0.19
100 km/h	Urban					0.10	0.24	-0.27	0.37
100 km/h	Rural			-0.58	**-0.39***	-0.07	-0.56	0.01	**0.39***
All 60-100km/h sites				**-0.52***	**-0.38** **	-0.16	-0.35	-0.06	**0.20***
All sites								0.04	0.19

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.2 Changes in median vehicle speeds from 2015 to 2016 by site type

Tables 3.3 and 3.4 present the findings related to changes in median vehicle speeds by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in median speeds from 2015 to 2016, it can be seen that there were no significant changes in any of the speed zones. There was a non-significant 0.72 km/h reduction across 50 km/h speed zone sites, to 46.41 km/h, and non-significant increases across 60-100 km/h speed zone sites (of 0.14 km/h, to 93.72 km/h) and across all sites (of 0.13 km/h, to 79.28 km/h).

Looking at individual speed zone by site type categories, it can be seen that non-significant increases in median speeds were observed across all site type categories across the 60-100 km/h zones (in the magnitude of 0.14 to 0.39 km/h), with the exception of 80 km/h urban sites, where a non-significant reduction of 0.08 km/h was observed, and 80 km/h rural sites, where no change was observed.

Table 3-3. Median speeds of vehicles (km/h) by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	47.10	47.30	47.35	47.15	47.10		46.38	47.13	46.41
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			53.94	53.78	53.27	52.81	52.64	52.34	52.49
60 km/h	Rural			57.84	57.58	57.41	56.88	56.88	56.76	56.90
80 km/h	Urban			77.08	76.79	76.47	76.20	75.41	75.49	75.41
80 km/h	Rural			85.17	84.48	84.21	84.42	83.36	83.50	83.51
100 km/h	Urban			95.93		96.30	96.41	96.60	96.42	96.65
100 km/h	Rural			96.79	96.47	95.95	95.96	95.59	95.63	96.02
All 60-100 km/h sites				94.85	94.56	94.08	93.91	93.64	93.57	93.72
All sites				90.54				79.13	79.15	79.28

Table 3-4. Changes in median speeds of vehicles (km/h) by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	0.20	0.05	-0.20	-0.05		-0.73	0.75	-0.72
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-0.16	**-0.51****	**-0.47****	-0.16	**-0.30***	0.15
60 km/h	Rural			-0.26	-0.17	**-0.53***	0.01	-0.12	0.14
80 km/h	Urban			-0.30	-0.31	-0.28	-0.79	0.08	-0.08
80 km/h	Rural			-0.69	-0.27	0.21	-1.06	0.15	0.00
100 km/h	Urban					0.11	0.19	-0.18	0.23
100 km/h	Rural			-0.32	**-0.52***	0.01	-0.37	0.04	0.39
All 60-100km/h sites				-0.29	**-0.48*****	-0.17	-0.27	-0.07	0.14
All sites								0.02	0.13

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.3 Changes in 85th percentile speeds from 2015 to 2016 by site type

Tables 3.5 and 3.6 present the findings related to changes in 85th percentile speeds by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in 85th percentile speeds from 2015 to 2016, it can be seen that there were no significant changes in any of the overall speed zones. There was a non-significant 0.60 km/h reduction across 50 km/h speed zone sites, to 55.31 km/h, and non-significant increases across 60-100 km/h speed zone sites (of 0.12 km/h, to 103.57 km/h) and across all sites (of 0.06 km/h, to 89.32 km/h).

Looking at individual speed zone by site type categories, it can be seen that there was a significant 0.39 km/h increase in 85th percentile speeds across rural 100 km/h sites, from 105.65 km/h to 106.04 km/h. Non-significant increases were observed in all other site type categories across the 60-100 km/h zones (in the magnitude of 0.06 to 0.36 km/h), with the exception of 80 km/h rural and 100 km/h urban sites, where non-significant reductions of 0.09 and 0.15 km/h, respectively, were observed.

Table 3-5. 85th percentile speeds of vehicles (km/h) by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	55.96	56.41	56.32	55.92	55.42		55.12	55.91	55.31
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			59.63	59.23	58.65	58.45	58.16	58.00	58.06
60 km/h	Rural			64.10	63.88	63.73	63.10	62.96	62.80	62.87
80 km/h	Urban			83.89	82.94	82.78	82.55	81.53	81.52	81.88
80 km/h	Rural			95.95	94.93	94.54	95.60	94.33	94.32	94.23
100 km/h	Urban			102.70		102.89	102.82	102.90	102.84	102.69
100 km/h	Rural			107.24	106.98	106.75	106.56	105.99	105.65	106.04
All 60-100 km/h sites				104.81	104.53	104.25	104.05	103.68	103.45	103.57
All sites				103.56				89.36	89.25	89.32

Table 3-6. Changes in 85th percentile speeds of vehicles (km/h) by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	0.45	-0.09	-0.40	**-0.50***		-0.30	0.79	-0.60
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-0.40	**-0.59****	**-0.20****	-0.29	**-0.16***	0.06
60 km/h	Rural			-0.21	-0.16	**-0.63****	-0.15	-0.16	0.07
80 km/h	Urban			-0.95	-0.16	**-0.23***	**-1.02***	-0.02	0.36
80 km/h	Rural			-1.02	-0.39	1.07	**-1.27***	-0.02	-0.09
100 km/h	Urban					-0.07	0.08	-0.06	-0.15
100 km/h	Rural			-0.26	**-0.24***	-0.18	-0.58	**-0.34***	**0.39***
All 60-100 km/h sites				**-0.28***	**-0.28*****	-0.21	**-0.37***	**-0.23***	0.12
All sites								-0.11	0.06

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.4 Changes in the proportion of vehicles at or below the speed limit from 2015 to 2016 by site type

Tables 3.7 and 3.8 present the findings related to changes in the proportion of vehicles at or below the speed limit by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in the proportion of vehicles travelling at or below the speed limit from 2015 to 2016, it can be seen that there were no significant changes in any of the overall speed zones. There was a non-significant 1.84% increase across 50 km/h speed zone sites, to 65.70%, and non-significant reductions across 60-100 km/h speed zone sites (of 0.39%, to 69.81%) and across all sites (of 0.26%, to 71.84%).

Looking at individual speed zone by site type categories, it can be seen that there was a significant 1.48% reduction in the proportion of vehicles at or below the speed limit across rural 100 km/h sites, from 68.75% to 67.27%. Non-significant increases were observed in all other site type categories across the 60-100 km/h zones (in the magnitude of 0.01% to 0.93%), with the exception of 60 km/h rural sites, where a non-significant reduction of 0.49% was observed.

Table 3-7. Percent of vehicles at or below the speed limit by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	63.36	62.46	62.64	63.95	64.49		66.98	63.87	65.70
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			87.08	88.53	90.04	90.54	91.40	92.07	92.09
60 km/h	Rural			65.06	66.42	67.90	69.71	70.21	71.20	70.70
80 km/h	Urban			68.76	71.74	73.39	74.00	76.99	76.91	77.84
80 km/h	Rural			40.67	44.30	45.37	45.09	46.77	46.55	47.14
100 km/h	Urban			76.05		74.26	73.88	72.77	74.44	74.78
100 km/h	Rural			63.28	64.28	66.22	66.50	68.33	68.75	67.27
All 60-100 km/h sites				65.00	66.32	67.87	68.42	69.70	70.20	69.81
All sites				64.58				71.88	72.11	71.84

Table 3-8. Changes in percent of vehicles at or below the speed limit by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	-0.91	0.18	1.31	0.55		2.49	-3.11	1.84
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			1.44	**1.51****	**0.50***	**0.87***	**0.67***	0.01
60 km/h	Rural			1.36	1.48	**1.81***	0.50	0.99	-0.49
80 km/h	Urban			2.98	1.66	0.60	2.99	-0.07	0.93
80 km/h	Rural			3.63	1.07	-0.29	**1.69***	-0.22	0.59
100 km/h	Urban					-0.38	-1.11	1.67	0.33
100 km/h	Rural			1.00	**1.94***	0.29	1.83	0.42	**-1.48***
All 60-100 km/h sites				**1.33***	**1.55*****	0.54	**1.28***	0.50	-0.39
All sites								0.23	-0.26

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.5 Changes in the proportion of vehicles above the speed limit from 2015 to 2016 by site type

Tables 3.9 and 3.10 present the findings related to changes in the proportion of vehicles above the speed limit by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in the proportion of vehicles travelling above the speed limit from 2015 to 2016, it can be seen that there were no significant changes in any of the overall speed zones. There was a non-significant 1.84% reduction across 50 km/h speed zone sites, to 34.30%, and non-significant increases across 60-100 km/h speed zone sites (of 0.39%, to 30.20%) and across all sites (of 0.26%, to 28.16%).

Looking at individual speed zone by site type categories, it can be seen that there was a significant 1.48% increase in the proportion of vehicles above the speed limit across rural 100 km/h sites, from 31.25% to 32.73%. Non-significant reductions were observed in all other site type categories across the 60-100 km/h zones (in the magnitude of 0.01 to 0.93%), with the exception of 60 km/h rural sites, where a non-significant increase of 0.49% was observed.

Table 3-9. Percent of vehicles above the speed limit by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	36.64	37.55	37.36	36.06	35.51		33.02	36.13	34.30
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			12.92	11.47	9.97	9.47	8.60	7.93	7.92
60 km/h	Rural			34.94	33.58	32.10	30.29	29.79	28.81	29.30
80 km/h	Urban			31.25	28.27	26.61	26.00	23.01	23.09	22.16
80 km/h	Rural			59.33	55.70	54.63	54.91	53.23	53.45	52.86
100 km/h	Urban			23.95		25.74	26.12	27.23	25.56	25.22
100 km/h	Rural			36.72	35.72	33.78	33.50	31.67	31.25	32.73
All 60-100 km/h sites				35.00	33.68	32.13	31.59	30.30	29.81	30.20
All sites				35.42				28.13	27.89	28.16

Table 3-10. Changes in percent of vehicles above the speed limit by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	0.91	-0.18	-1.31	-0.55		-2.49	3.11	-1.84
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-1.44	**-1.51****	**-0.50***	**-0.87***	**-0.67***	-0.01
60 km/h	Rural			-1.36	-1.48	**-1.81***	-0.50	-0.99	0.49
80 km/h	Urban			-2.98	-1.66	-0.60	-2.99	0.07	-0.93
80 km/h	Rural			-3.63	-1.07	0.29	**-1.69***	0.22	-0.59
100 km/h	Urban					0.38	1.11	-1.67	-0.33
100 km/h	Rural			-1.00	**-1.94***	-0.29	-1.83	-0.42	**1.48***
All 60-100 km/h sites				**-1.33***	**-1.55*****	-0.54	**-1.28***	-0.50	0.39
All sites								-0.23	0.26

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.6 Changes in the proportion of vehicles above the speed limit by up to 10 km/h from 2015 to 2016 by site type

Tables 3.11 and 3.12 present the findings related to changes in the proportion of vehicles above the speed limit by up to 10 km/h by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in the proportion of vehicles travelling above the speed limit by up to 10 km/h from 2015 to 2016, there were significant increases across 60-100 km/h speed zone sites (of 0.45%, from 20.93% to 21.38%), as well as across all sites (of 0.45%, from 20.28% to 20.73%). There was a non-significant 0.14% increase across 50 km/h speed zone sites, to 28.27%.

Looking at individual speed zone by site type categories, it can be seen that despite the significant increase in the proportion of vehicles travelling above the speed limit by up to 10 km/h across 60-100 km/h zones, only non-significant increases were observed across the individual speed zone by site type categories (in the magnitude of 0.05% to 1.13%), with the exception of 100 km/h urban sites, where a non-significant reduction of 0.22% was observed.

Table 3-11. Percent of vehicles above the speed limit by up to 10 km/h by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	28.29	29.13	29.27	28.30	28.28		27.60	28.14	28.27
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			12.29	10.99	9.46	8.90	8.22	7.54	7.59
60 km/h	Rural			29.89	28.68	27.45	26.15	25.88	25.66	25.92
80 km/h	Urban			27.87	26.61	25.83	25.36	22.94	23.01	23.13
80 km/h	Rural			20.82	17.85	17.05	17.12	15.91	15.93	16.91
100 km/h	Urban			21.17		23.24	23.76	24.68	23.41	23.19
100 km/h	Rural			24.04	23.88	22.74	23.10	22.45	22.79	23.92
All 60-100 km/h sites				23.97	23.36	22.22	21.85	21.14	20.93	21.38
All sites				24.24				20.48	20.28	20.73

Table 3-12. Changes in percent of vehicles above the speed limit by up to 10 km/h by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	0.84	0.14	-0.97	-0.02		-0.68	0.54	0.14
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-1.31	**-1.53****	**-0.56***	-0.69	**-0.67***	0.05
60 km/h	Rural			-1.21	-1.24	-1.29	-0.27	-0.22	0.26
80 km/h	Urban			-1.26	-0.77	-0.47	-2.42	0.06	0.13
80 km/h	Rural			-2.97	-0.80	0.07	-1.21	0.03	0.98
100 km/h	Urban					0.52	0.92	-1.27	-0.22
100 km/h	Rural			-0.17	**-1.14****	0.36	-0.66	0.35	1.13
All 60-100 km/h sites				-0.61	**-1.14*****	-0.37	**-0.71***	-0.21	**0.45***
All sites								-0.20	**0.45***

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.7 Changes in the proportion of vehicles above the speed limit by more than 10 km/h from 2015 to 2016 by site type

Tables 3.13 and 3.14 present the findings related to changes in the proportion of vehicles above the speed limit by more than 10 km/h by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in the proportion of vehicles travelling over 10 km/h above the speed limit from 2015 to 2016, it can be seen that there were no significant changes in any of the speed zones. There was a non-significant 0.68% reduction across 50 km/h speed zone sites, to 5.61%, and non-significant increases across 60-100 km/h speed zone sites (of 0.05%, to 6.55%) and across all sites (of 0.18%, to 4.21%).

Looking at individual speed zone by site type categories, it can be seen that non-significant increases in the proportion of vehicles travelling over 10 km/h above the speed limit were observed in all speed zone by site type categories across the 60-100 km/h zones (in the magnitude of 0.02% to 0.30%), with the exception of 80 km/h rural and 100 km/h urban sites, where non-significant reductions of 0.14% and 0.11%, respectively, were observed.

Table 3-13. Percent of vehicles above the speed limit by more than 10 km/h by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	6.71	6.93	6.67	6.50	6.30		5.64	6.29	5.61
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			0.51	0.37	0.33	0.32	0.21	0.17	0.19
60 km/h	Rural			3.64	3.49	3.36	3.15	3.11	3.09	3.17
80 km/h	Urban			3.65	2.84	2.66	2.12	1.41	1.38	1.55
80 km/h	Rural			29.81	29.15	29.05	29.04	27.98	28.04	27.91
100 km/h	Urban			2.78		2.50	2.36	2.55	2.15	2.04
100 km/h	Rural			9.92	9.42	9.28	9.38	8.79	8.46	8.76
All 60-100 km/h sites				7.37	6.91	6.82	6.80	6.60	6.51	6.55
All sites				7.29				4.08	4.03	4.21

Table 3-14. Changes in percent of vehicles above the speed limit by more than 10 km/h by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	0.22	-0.27	-0.17	-0.21		**-0.66***	**0.65***	-0.68
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-0.14	**-0.05***	-0.01	**-0.11****	-0.04	0.02
60 km/h	Rural			-0.16	-0.13	-0.21	-0.05	-0.02	0.08
80 km/h	Urban			-0.81	-0.18	**-0.54***	**-0.71***	-0.03	0.17
80 km/h	Rural			-0.66	-0.10	-0.00	-1.07	0.06	-0.14
100 km/h	Urban					-0.14	0.19	-0.40	-0.11
100 km/h	Rural			-0.50	-0.14	0.09	-0.59	-0.33	0.30
All 60-100 km/h sites				-0.46	-0.10	-0.01	**-0.21****	**-0.09***	0.05
All sites								-0.05	0.18

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.8 Changes in the proportion of vehicles above the speed limit by up to 5 km/h from 2015 to 2016 by site type

Tables 3.15 and 3.16 present the findings related to changes in the proportion of vehicles above the speed limit by up to 5 km/h by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in the proportion of vehicles travelling above the speed limit by up to 5 km/h from 2015 to 2016, there were significant increases across 60-100 km/h speed zone sites (of 0.49%, to 14.17%), as well as across all sites (of 0.51%, to 14.11%). There was a non-significant 1.24% increase across 50 km/h speed zone sites, to 17.32%.

Looking at individual speed zone by site type categories, it can be seen that the significant increase in the proportion of vehicles travelling above the speed limit by up to 5 km/h across 60-100 km/h zones appears largely attributable to a significant 0.39% increase in the proportion of speeding vehicles across rural 80 km/h sites, from 6.11% to 6.50%. Non-significant increases were observed in all other site type categories across the 60-100 km/h zones (in the magnitude of 0.03% to 1.73%).

Table 3-15. Percent of vehicles above the speed limit by up to 5 km/h by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	16.36	16.88	17.27	17.06	17.07		16.59	16.09	17.32
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			10.49	9.89	8.99	8.52	8.07	7.25	7.29
60 km/h	Rural			17.86	17.08	16.29	15.16	14.97	14.78	15.37
80 km/h	Urban			20.58	20.37	19.99	19.69	18.10	18.13	19.86
80 km/h	Rural			9.04	7.31	6.80	6.92	6.15	6.11	6.50
100 km/h	Urban			16.28		18.31	19.22	19.60	18.52	18.91
100 km/h	Rural			15.09	15.19	14.66	14.68	14.50	14.68	15.26
All 60-100 km/h sites				15.24	15.05	14.52	14.34	13.87	13.68	14.17
All sites				15.88				13.80	13.60	14.11

Table 3-16. Change in percent of vehicles above the speed limit by up to 5 km/h by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	0.52	0.40	-0.22	0.01		-0.47	-0.51	1.24
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-0.60	**-0.90***	**-0.47***	-0.45	**-0.82****	0.03
60 km/h	Rural			-0.78	-0.79	-1.13	-0.19	-0.20	0.59
80 km/h	Urban			-0.21	-0.38	-0.31	-1.59	0.03	1.73
80 km/h	Rural			-1.73	-0.50	0.12	-0.77	-0.05	**0.39***
100 km/h	Urban			-	-	0.91	0.38	-1.07	0.39
100 km/h	Rural			0.10	-0.53	0.02	-0.18	0.19	0.57
All 60-100 km/h sites				-0.19	**-0.53****	-0.18	-0.46	-0.20	**0.49***
All sites								-0.20	**0.51****

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.9 Changes in the proportion of vehicles above the speed limit by more than 5 km/h but less than 10 km/h from 2015 to 2016 by site type

Tables 3.17 and 3.18 present the findings related to changes in the proportion of vehicles above the speed limit by more than 5 km/h but less than 10 km/h by speed zone and site type, as well as overall for the various speed zone categories.

Considering changes in the proportion of vehicles travelling more than 5 km/h but less than 10 km/h above the speed limit from 2015 to 2016, it can be seen that there were no significant changes in any of the overall speed zones. There was a non-significant 0.97% reduction across 50 km/h speed zone sites, to 9.26%, and non-significant increases across 60-100 km/h zones (of 0.07%, to 7.53%), as well as a non-significant increase across all sites (of 0.05%, to 6.34%).

Looking at individual speed zone by site type categories, it can be seen that there was a significant 0.48% increase in the proportion of vehicles travelling more than 5 km/h but less than 10 km/h above the speed limit across rural 100 km/h sites, from 7.3% to 7.71%. Non-significant increases were observed in all other site type categories across the 60-100 km/h zones (in the magnitude of 0.11 % to 0.68%), with the exception of 100 km/h urban sites (0.60% reduction) and 60 km/h urban sites (no change).

Table 3-17. Percent of vehicles above the speed limit by > 5 km/h but < 10 km/h by site type

Speed limit	Site type	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Urban	9.88	10.51	10.51	10.48	9.95		9.78	10.23	9.26
Speed limit	**Site type**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60 km/h	Urban			1.80	1.37	1.23	1.17	0.89	0.77	0.77
60 km/h	Rural			7.59	7.16	6.76	6.44	6.35	6.16	6.32
80 km/h	Urban			7.34	6.28	5.89	5.49	4.65	4.69	5.37
80 km/h	Rural			10.58	9.34	9.06	9.47	8.53	8.88	8.99
100 km/h	Urban			4.88		4.93	4.54	5.08	4.88	4.28
100 km/h	Rural			8.96	8.60	8.04	7.89	7.31	7.23	7.71
All 60-100 km/h sites				8.80	8.39	7.98	7.86	7.53	7.46	7.53
All sites				8.93				6.34	6.29	6.34

Table 3-18. Change in percent of vehicles above the speed limit by > 5 km/h but < 10 km/h by site type

Speed limit	Site type	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Urban	**0.63***	0.00	-0.02	-0.53		-0.18	0.45	-0.97
Speed limit	**Site type**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60 km/h	Urban			-0.43	-0.14	**-0.07***	**-0.28****	**-0.12***	-0.00
60 km/h	Rural			-0.43	-0.40	-0.32	-0.09	-0.19	0.16
80 km/h	Urban			-1.06	-0.39	-0.40	**-0.84***	0.04	0.68
80 km/h	Rural			-1.24	-0.28	0.41	-0.94	0.35	0.11
100 km/h	Urban					-0.39	0.54	-0.20	-0.60
100 km/h	Rural			-0.36	**-0.56*****	-0.15	-0.58	-0.08	**0.48***
All 60-100 km/h sites				**-0.41****	**-0.41*****	-0.12	**-0.33****	-0.07	0.07
All sites								-0.05	0.05

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.1.10 Summary of changes in vehicle speeds from 2015 to 2016 by site type

Table 3.19 provides an overview of the changes in vehicle speeds by site type from 2015 to 2016. Statistically significant changes are bolded and highlighted.

Table 3-19. Summary of changes in vehicle speeds by site type from 2015 to 2016

	50 km/h Urban	60 km/h Urban	60 km/h Rural	80 km/h Urban	80 km/h Rural	100 km/h Urban	100 km/h Rural
Mean speed	NS ▼	NS ▲	NS ▲	NS ▼	NS ▲	NS ▲	**SIG ▲**
Median speed	NS ▼	NS ▲	NS ▲	NS ▼	—	NS ▲	NS ▲
85th percentile speed	NS ▼	NS ▲	NS ▲	NS ▲	NS ▼	NS ▼	**SIG ▲**
At or below speed limit	NS ▲	—	NS ▼	NS ▲	NS ▲	NS ▲	**SIG ▼**
Above speed limit	NS ▼	—	NS ▲	NS ▼	NS ▼	NS ▼	**SIG ▲**
Up to 10 km/h over	NS ▲	NS ▲	NS ▲	NS ▲	NS ▲	NS ▼	NS ▲
More than 10 km/h over	NS ▼	—	NS ▲	NS ▲	NS ▼	NS ▼	NS ▲
Up to 5 km/h over	NS ▲	—	NS ▲	NS ▲	**SIG ▲**	NS ▲	NS ▲
> 5 km/h but < 10 km/h over	NS ▼	—	NS ▲	NS ▲	NS ▲	NS ▼	**SIG ▲**

Note: NS = not statistically significant; SIG = statistically significant; — = no change.

As can be seen, the poorest performing site type was 100 km/h rural sites. Across these sites, significant negative changes were observed for mean speeds (0.39 km/h increase), 85th percentile speeds (0.39 km/h increase), and the proportion of vehicles driving at or below the speed limit (1.48% reduction), above the speed limit (1.48% increase) and more than 5 km/h but less than 10 km/h over (0.48% increase). In addition, there were non-significant negative changes associated with all other speed measures across these sites.

There were no other observed significant changes across the site type categories, with the exception of a significant 0.39% increase in the proportion of vehicles exceeding the speed limit by up to 5 km/h across 80 km/h rural sites. Nonetheless, an examination of non-significant trends is still interesting.

Of concern is the relatively negative overall changes across speed measures observed in both 60 km/h and 80 km/h urban and rural sites. Conversely, there were positive changes in all speed measures across 50 km/h urban sites, with the exception of the proportion of vehicles exceeding the speed limit by up to 5 km/h and by up to 10 km/h. Taken together with data showing reductions in more excessive speeding (for example, by more than 10 km/h over the speed limit), as well as increases in the proportion of vehicles travelling at or below the speed limit at these sites, there is some evidence to suggest an overall downward shift in vehicle speeds, and that some drivers, while still exceeding the speed limit, are doing so by lesser amounts.

A more thorough examination of Tables 3.1 to 3.18 reveals a number of additional interesting findings. Specifically, it is encouraging to note that mean speeds were below the posted speed limit in all site type categories, with the exception of 80 km/h rural sites. Furthermore, over 65% of vehicles were travelling at or below the speed limit for each of the site type categories, with the exception of 80 km/h rural sites (47.14%). The highest proportions of compliant speeds were observed in 60 km/h urban sites (92.09%), 80 km/h urban sites (77.84%) and 100 km/h urban sites (74.78%). See Section 3.5 for more information on vehicle compliance with speed limits. Finally, the majority of drivers who exceeded the speed limit were observed as doing so by up to 5 km/h over, with only a small proportion exceeding the speed limit by more than 10 km/h.

3.2 Summary results by speed limit and remoteness

As discussed in Section 2.3, sites were categorised in a variety of ways. This section discusses the results of analyses of the speed zone by remoteness categories. Given the limited number of sites in each remoteness category across the speed zones, all speed limit sites were combined into a single group in each of the remoteness categories. This was done separately for the 50 km/h and 60-100 km/h sites due to the differing survey dates. It is worth noting that no 50 km/h speed zone sites that were surveyed were outside of the major city or inner regional areas. The resulting categories were as follows:

- 50 km/h major city sites
- 50 km/h inner regional sites
- 60-100 km/h major city sites
- 60-100 km/h inner regional sites
- 60-100 km/h outer regional sites
- 60-100 km/h remote sites.

Given that results across all 50 km/h zones, all 60-100 km/h zones and all sites are the same as those discussed in Section 3.1, this section will focus solely on a discussion of findings pertaining to individual speed zone by remoteness categories.

This section focuses on results pertaining to changes in vehicle speed from 2015 to 2016 – the last two years the survey has been completed. An examination of long-term trends and changes in vehicle speeds can be found in Sections 3.4 and 3.7.

Tables 3.20 to 3.37 present summary statistics and data on changes between surveys for each of the speed measurements outlined in Section 2.7. The data were analysed and tested using the method detailed in Section 2.6. This is followed by a summary of the results in Section 3.2.10.

3.2.1 Changes in mean vehicle speeds from 2015 to 2016 by remoteness

Tables 3.20 and 3.21 present the findings related to changes in mean vehicle speeds by speed zone and remoteness.

Considering changes in mean speeds from 2015 to 2016, it can be seen that there was a significant 0.45 km/h increase across 60-100 km/h inner regional sites, from 73.19 km/h to 73.63 km/h.

Non-significant reductions in mean speeds were observed across 50 km/h inner regional sites (of 0.57 km/h, to 48.43 km/h), 60-100 km/h major city sites (of 0.19 km/h, to 73.13 km/h) and 60-100 km/h outer regional sites (of 0.64 km/h, to 97.16 km/h). Conversely, non-significant increases were observed across 50 km/h major city sites (of 0.66 km/h, to 45.29 km/h) and 60-100 km/h remote sites (of 0.39 km/h, to 91.95 km/h).

Table 3-20. Mean speeds of vehicles (km/h) by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	45.44	45.12	45.09	44.67	44.73		44.04	44.63	45.29
50 km/h	Inner regional	48.73	49.37	49.12	48.96	48.90		48.14	49.00	48.43
All 50 km/h sites		46.33	46.51	46.38	46.07	46.07		45.36	46.20	45.76
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			76.08		75.25	74.87	74.41	73.77	73.13
60-100 km/h	Inner regional			74.28	74.03	73.64	73.34	73.26	73.19	73.63
60-100 km/h	Outer regional			98.28	97.86	97.57	97.83	96.95	97.35	97.16
60-100 km/h	Remote			93.41	92.68	92.22	92.12	92.30	91.56	91.95
All 60-100km/h sites				93.89	93.37	92.99	92.83	92.49	92.43	92.63
All sites				89.97				77.70	77.74	77.93

Table 3-21. Changes in mean speeds of vehicles (km/h) by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	-0.32	-0.03	-0.42	0.06		-0.69	0.60	0.66
50 km/h	Inner regional	**0.64***	-0.25	-0.16	-0.06		-0.77	0.86	-0.57
All 50 km/h sites		0.18	-0.13	-0.31	-0.00		-0.71	0.84	-0.44
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-0.83	-0.38	-0.46	-0.64	-0.64
60-100 km/h	Inner regional			**-0.25***	**-0.40*****	**-0.30*****	-0.08	-0.07	**0.45****
60-100 km/h	Outer regional			-0.42	**-0.29***	0.26	**-0.88***	**0.40***	-0.19
60-100 km/h	Remote			-0.73	-0.47	-0.10	0.18	-0.75	0.39
All 60-100km/h sites				**-0.52***	**-0.38***	-0.16	-0.35	-0.06	**0.20***
All sites								0.04	0.19

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.2 Changes in median vehicle speeds from 2015 to 2016 by remoteness

Tables 3.22 and 3.23 present the findings related to changes in median vehicle speeds by speed zone and remoteness.

Considering changes in median speeds from 2015 to 2016, it can be seen that there was a significant 0.35 km/h increase across 60-100 km/h inner regional sites, from 74.70 km/h to 75.05 km/h.

Non-significant reductions in median speeds were observed across 50 km/h inner regional sites (of 0.81 km/h, to 49.44 km/h), 60-100 km/h major city sites (of 0.24 km/h, to 74.56 km/h) and 60-100 km/h outer regional sites (of 0.22 km/h, to 97.05 km/h). Conversely, non-significant increases were observed across 50 km/h major city sites (0.43 km/h, to 45.61 km/h) and 60-100 km/h remote sites (of 0.14 km/h, to 92.22 km/h).

Table 3-22. Median speeds of vehicles (km/h) by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	45.75	45.75	45.80	45.40	45.35		44.63	45.18	45.61
50 km/h	Inner regional	49.20	49.85	49.85	49.70	49.65		48.95	50.25	49.44
All 50 km/h sites		47.10	47.30	47.35	47.15	47.10		46.38	47.13	46.41
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			76.40		76.17	75.80	75.41	74.80	74.56
60-100 km/h	Inner regional			76.00	75.72	75.36	74.97	74.85	74.70	75.05
60-100 km/h	Outer regional			98.57	98.15	97.62	97.73	96.91	97.27	97.05
60-100 km/h	Remote			93.92	93.43	92.67	92.78	93.00	92.09	92.22
All 60-100km/h sites				94.85	94.56	94.08	93.91	93.64	93.57	93.72
All sites				90.54				79.13	79.15	79.28

Table 3-23. Changes in median speeds of vehicles (km/h) by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	0.00	0.05	-0.40	-0.05		-0.73	0.55	0.43
50 km/h	Inner regional	**0.65***	0.00	-0.15	-0.05		-0.70	1.30	-0.81
All 50 km/h sites		0.20	0.05	-0.20	-0.05		-0.73	0.75	-0.72
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-0.23	-0.38	-0.39	-0.60	-0.24
60-100 km/h	Inner regional			**-0.29***	**-0.36*****	**-0.40*****	-0.12	-0.15	**0.35****
60-100 km/h	Outer regional			-0.43	**-0.52***	0.11	**-0.82***	**0.36****	-0.22
60-100 km/h	Remote			-0.49	-0.77	0.11	0.23	-0.92	0.14
All 60-100km/h sites				-0.29	**-0.48*****	-0.17	-0.27	-0.07	0.14
All sites								0.02	0.13

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.3 Changes in 85th percentile speeds from 2015 to 2016 by remoteness

Tables 3.24 and 3.25 present the findings related to changes in 85th percentile speeds by speed zone and remoteness.

Considering changes in 85th percentile speeds from 2015 to 2016, it can be seen that there was a significant 0.26 km/h increase across 60-100 km/h inner regional sites, from 81.75 km/h to 82.01 km/h.

Non-significant reductions in 85th percentile speeds were observed across 50 km/h inner regional sites (of 1.40 km/h, to 57.00 km/h), 60-100 km/h major city sites (of 0.53 km/h, to 82.16 km/h) and 60-100 km/h outer regional sites (of 0.12 km/h, to 104.56 km/h). Conversely, a non-significant increase was observed across 60-100 km/h remote sites (of 0.38 km/h, to 106.25 km/h), while no discernible change was observed across 50 km/h major city sites (0.01 km/h increase, to 53.61 km/h).

Table 3-24. 85th percentile speeds of vehicles (km/h) by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	53.45	53.69	53.60	53.20	52.50		51.82	52.60	52.61
50 km/h	Inner regional	57.45	58.15	57.90	57.56	57.35		57.46	58.40	57.00
All 50 km/h sites		55.96	56.41	56.32	55.92	55.42		55.12	55.91	55.31
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			84.12		83.67	83.27	82.74	82.69	82.16
60-100 km/h	Inner regional			82.99	82.72	82.46	82.20	81.92	81.75	82.01
60-100 km/h	Outer regional			105.59	105.22	105.11	105.24	104.29	104.68	104.56
60-100 km/h	Remote			108.21	107.95	107.31	107.07	107.62	105.87	106.25
All 60-100 km/h sites				104.81	104.53	104.25	104.05	103.68	103.45	103.57
All sites				103.56				89.36	89.25	89.32

Table 3-25. Changes in 85th percentile speeds of vehicles (km/h) by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	0.24	-0.09	-0.40	**-0.70***		-0.68	0.78	0.01
50 km/h	Inner regional	0.70	-0.25	-0.34	-0.21		0.10	0.94	-1.40
All 50 km/h sites		0.45	-0.09	-0.40	-0.50		-0.30	0.79	-0.60
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-0.45	-0.40	**-0.54***	-0.05	-0.53
60-100 km/h	Inner regional			**-0.27****	**-0.27*****	**-0.26*****	-0.29	**-0.17***	**0.26****
60-100 km/h	Outer regional			-0.37	-0.11	0.13	**-0.94****	0.39	-0.12
60-100 km/h	Remote			-0.26	-0.64	-0.24	0.55	**-1.75***	0.38
All 60-100 km/h sites				**-0.28***	**-0.28****	-0.21	**-0.37***	**-0.23***	0.12
All sites								-0.11	0.06

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.4 Changes in the proportion of vehicles at or below the speed limit from 2015 to 2016 by remoteness

Tables 3.26 and 3.27 present the findings related to changes in the proportion of vehicles travelling at or below the speed limit by speed zone and remoteness.

Considering changes in the proportion of vehicles travelling at or below the speed limit from 2015 to 2016, it can be seen that there was a significant 1.10% reduction across 60-100 km/h inner regional sites, from 78.32% to 77.22%.

Non-significant increases in the proportion of vehicles at or below the speed limit were observed across 50 km/h inner regional sites (of 2.46%, to 49.98 km/h), 60-100 km/h major city sites (of 2.06%, to 74.80 km/h) and 60-100 km/h outer regional sites (of 1.01%, to 61.20 km/h). Conversely, non-significant reductions were observed across 50 km/h major city sites (of 0.71%, to 73.85 km/h) and 60-100 km/h remote sites (of 0.78%, to 68.64 km/h).

Table 3-26. Per cent of vehicles at or below the speed limit by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	72.67	71.87	72.05	73.23	74.79		77.67	74.56	73.85
50 km/h	Inner regional	53.73	49.53	49.05	50.57	49.45		51.13	47.52	49.98
All 50 km/h sites		63.36	62.46	62.64	63.95	64.49		66.98	63.87	65.70
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			67.63		69.29	70.43	72.37	72.74	74.80
60-100 km/h	Inner regional			73.09	74.69	76.08	76.81	77.78	78.32	77.22
60-100 km/h	Outer regional			55.05	56.99	59.32	58.49	62.26	60.19	61.20
60-100 km/h	Remote			65.54	65.75	67.53	67.28	67.58	69.43	68.64
All 60-100 km/h sites				65.00	66.32	67.87	68.42	69.70	70.20	69.81
All sites				64.58				71.88	72.11	71.84

Table 3-27. Changes in per cent of vehicles at or below the speed limit by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	-0.81	0.18	1.18	1.56		2.88	-3.11	-0.71
50 km/h	Inner regional	-4.20	-0.48	1.52	-1.11		1.67	-3.61	2.46
All 50 km/h sites		-0.91	0.18	1.31	0.55		2.49	-3.11	1.84
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				1.66	1.14	**1.95***	0.37	2.06
60-100 km/h	Inner regional			**1.60***	**1.39*****	**0.73****	**0.97***	**0.54***	**-1.10****
60-100 km/h	Outer regional			1.94	**2.33***	-0.83	**3.77***	**-2.07***	1.01
60-100 km/h	Remote			0.21	1.78	-0.26	0.30	1.85	-0.78
All 60-100 km/h sites				**1.33***	**1.55*****	0.54	**1.28***	0.50	-0.39
All sites								0.23	-0.26

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.5 Changes in the proportion of vehicles above the speed limit from 2015 to 2016 by remoteness

Tables 3.28 and 3.29 present the findings related to changes in the proportion of vehicles travelling above the speed limit by speed zone and remoteness.

Considering changes in the proportion of vehicles travelling above the speed limit from 2015 to 2016, it can be seen that there was a significant 1.10% increase across 60-100 km/h inner regional sites, from 21.69% to 22.78%.

Non-significant reductions in the proportion of vehicles above the speed limit were observed across 50 km/h inner regional sites (of 2.46%, to 50.02%), 60-100 km/h major city sites (of 2.06%, to 25.20%) and 60-100 km/h outer regional sites (of 1.01%, to 38.81%). Conversely, non-significant increases were observed across 50 km/h major city sites (of 0.71%, to 26.15%) and 60-100 km/h remote sites (of 0.78%, to 31.36%).

Table 3-28. Per cent of vehicles above the speed limit by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	27.33	28.14	27.95	26.77	25.21		22.33	25.44	26.15
50 km/h	Inner regional	46.27	50.47	50.95	49.43	50.55		48.87	52.48	50.02
All 50 km/h sites		36.64	37.55	37.36	36.06	35.51		33.02	36.13	34.30
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			32.37		30.71	29.57	27.63	27.26	25.20
60-100 km/h	Inner regional			26.91	25.31	23.92	23.19	22.22	21.69	22.78
60-100 km/h	Outer regional			44.95	43.01	40.68	41.51	37.74	39.81	38.81
60-100 km/h	Remote			34.46	34.25	32.47	32.72	32.42	30.57	31.36
All 60-100 km/h sites				35.00	33.68	32.13	31.59	30.30	29.81	30.20
All sites				35.42				28.13	27.89	28.16

Table 3-29. Changes in per cent of vehicles above the speed limit by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	0.81	-0.18	-1.18	-1.56		-2.88	3.11	0.71
50 km/h	Inner regional	4.20	0.48	-1.52	1.11		-1.67	3.61	-2.46
All 50 km/h sites		0.91	-0.18	-1.31	-0.55		-2.49	3.11	-1.84
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-1.66	-1.14	**-1.95***	-0.37	-2.06
60-100 km/h	Inner regional			**-1.60***	**-1.39*****	**-0.73****	**-0.97***	**-0.54***	**1.10****
60-100 km/h	Outer regional			-1.94	**-2.33***	0.83	**-3.77***	**2.07***	-1.01
60-100 km/h	Remote			-0.21	-1.78	0.26	-0.30	-1.85	0.78
All 60-100 km/h sites				**-1.33***	**-1.55*****	-0.54	**-1.28***	-0.50	0.39
All sites								-0.23	0.26

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.6 Changes in the proportion of vehicles above the speed limit by up to 10 km/h from 2015 to 2016 by remoteness

Tables 3.30 and 3.31 present the findings related to changes in the proportion of vehicles travelling above the speed limit by up to 10 km/h by speed zone and remoteness.

Considering changes in the proportion of vehicles above the speed limit by up to 10 km/h from 2015 to 2016, it can be seen that there was a significant 0.83% increase across 60-100 km/h inner regional sites, from 18.63% to 19.45%.

Non-significant reductions in the proportion of vehicles above the speed limit by up to 10 km/h were observed across 50 km/h inner regional sites (of 1.09%, to 41.53%) and 60-100 km/h major city sites (of 1.08%, to 23.09%). Conversely, non-significant increases were observed across 50 km/h major city sites (of 1.24%, to 22.54%), 60-100 km/h outer regional sites (of 0.24%, to 32.33%) and 60-100 km/h remote sites (of 0.29%, to 21.42%).

Table 3-30. Per cent of vehicles above the speed limit by up to 10 km/h by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	23.88	24.14	24.57	23.59	22.55		21.53	21.31	22.54
50 km/h	Inner regional	38.45	40.40	40.54	39.58	40.52		40.01	42.62	41.53
All 50 km/h sites		28.29	29.13	29.27	28.30	28.28		27.60	28.14	28.27
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			27.71		26.93	26.32	24.53	24.16	23.09
60-100 km/h	Inner regional			23.03	21.73	20.52	19.79	19.03	18.63	19.45
60-100 km/h	Outer regional			34.94	34.23	32.36	33.28	31.18	32.09	32.33
60-100 km/h	Remote			20.89	21.03	20.20	20.22	20.30	21.13	21.42
All 60-100 km/h sites				23.97	23.36	22.22	21.85	21.14	20.93	21.38
All sites				24.24				20.48	20.28	20.73

Table 3-31. Changes in per cent of vehicles above the speed limit by up to 10 km/h by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	0.27	0.43	-0.98	-1.03		-1.02	-0.22	1.24
50 km/h	Inner regional	**1.95***	0.14	-0.97	0.94		-0.51	2.62	-1.09
All 50 km/h sites		0.84	0.14	-0.97	-0.02		-0.68	0.54	0.14
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-0.77	-0.61	-1.79	-0.36	-1.08
60-100 km/h	Inner regional			**-1.31***	**-1.20*****	**-0.74****	**-0.76***	**-0.40***	**0.83****
60-100 km/h	Outer regional			-0.72	**-1.87****	0.92	-2.10	0.91	0.24
60-100 km/h	Remote			0.14	-0.83	0.02	0.08	0.82	0.29
All 60-100 km/h sites				-0.61	**-1.14*****	-0.37	**-0.71***	-0.21	**0.45***
All sites								-0.20	**0.45***

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.7 Changes in the proportion of vehicles above the speed limit by more than 10 km/h from 2015 to 2016 by remoteness

Tables 3.32 and 3.33 present the findings related to changes in the proportion of vehicles travelling above the speed limit by more than 10 km/h by speed zone and remoteness.

Considering changes in the proportion of vehicles above the speed limit by more than 10 km/h from 2015 to 2016, it can be seen that there were no significant changes in any of the remoteness categories. Non-significant reductions were observed across 50 km/h major city sites (of 0.40%, to 2.09%) and inner regional sites (of 1.05%, to 7.95%), as well as across and 60-100 km/h major city sites (of 0.13%, to 2.97%) and outer regional areas (of 0.11%, to 5.03%). Conversely, non-significant increases were observed across 60-100 km/h inner regional sites (of 0.07%, to 2.25%) and remote sites (of 0.28%, to 10.06%).

Table 3-32. Per cent of vehicles above the speed limit more than 10 km/h by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	3.61	3.47	3.20	2.99	2.79		1.84	2.49	2.09
50 km/h	Inner regional	8.06	9.08	9.04	9.00	8.55		8.40	9.00	7.95
All 50 km/h sites		6.71	6.93	6.67	6.50	6.30		5.64	6.29	5.61
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			4.66		3.78	3.25	3.10	3.09	2.97
60-100 km/h	Inner regional			2.82	2.52	2.45	2.35	2.23	2.18	2.25
60-100 km/h	Outer regional			6.91	6.12	6.11	6.23	4.94	5.14	5.03
60-100 km/h	Remote			12.61	12.38	11.86	12.05	11.84	9.78	10.06
All 60-100 km/h sites				7.37	6.91	6.82	6.80	6.60	6.51	6.55
All sites				7.29				4.08	4.03	4.21

Table 3-33. Changes in per cent of vehicles above the speed limit more than 10 km/h by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	-0.14	-0.27	-0.21	-0.20		**-0.95***	**0.65***	-0.40
50 km/h	Inner regional	1.02	-0.04	-0.04	-0.44		-0.15	0.60	-1.05
All 50 km/h sites		0.22	-0.27	-0.17	-0.21		**-0.66***	**0.65***	-0.68
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-0.89	-0.52	**-0.15***	-0.01	-0.13
60-100 km/h	Inner regional			**-0.30***	**-0.07****	**-0.10***	**-0.12****	**-0.05***	0.07
60-100 km/h	Outer regional			-0.79	-0.02	0.12	**-1.29*****	0.20	-0.11
60-100 km/h	Remote			-0.24	-0.52	0.19	-0.22	**-2.06***	0.28
All 60-100 km/h sites				-0.46	-0.10	-0.01	**-0.21****	**-0.09***	0.05
All sites								-0.05	0.18

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.8 Changes in the proportion of vehicles above the speed limit by up to 5 km/h from 2015 to 2016 by remoteness

Tables 3.34 and 3.35 present the findings related to changes in the proportion of vehicles travelling above the speed limit by up to 5 km/h by speed zone and remoteness.

Considering changes in the proportion of vehicles above the speed limit by up to 5 km/h from 2015 to 2016, it can be seen that there was a significant 0.73% increase across 60-100 km/h inner regional sites, from 14.11% to 14.84%.

A non-significant reduction in the proportion of vehicles above the speed limit by up to 5 km/h was observed across 60-100 km/h major city sites (of 1.39%, to 15.02%). Conversely, non-significant increases were observed in all other remoteness categories, including 50 km/h major city sites (of 0.87%, to 15.25%) and inner regional sites (of 1.34%, to 24.68%), as well as across 60-100 km/h outer regional sites (of 0.52%, to 24.83%) and remote sites (of 0.16%, to 13.02%).

Table 3-34. Per cent of vehicles above the speed limit by up to 5 km/h by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	15.39	15.56	15.96	16.02	15.60		15.07	14.38	15.25
50 km/h	Inner regional	22.60	23.21	23.53	23.02	24.03		23.56	23.34	24.68
All 50 km/h sites		16.36	16.88	17.27	17.06	17.07		16.59	16.09	17.32
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			19.03		18.65	18.17	16.73	16.41	15.02
60-100 km/h	Inner regional			17.31	16.43	15.66	15.00	14.42	14.11	14.84
60-100 km/h	Outer regional			25.04	25.34	24.30	24.89	24.14	24.31	24.83
60-100 km/h	Remote			11.71	11.83	12.04	11.79	12.22	12.86	13.02
All 60-100 km/h sites				15.24	15.05	14.52	14.34	13.87	13.68	14.17
All sites				15.88				13.80	13.60	14.11

Table 3-35. Changes in per cent of vehicles above the speed limit by up to 5 km/h by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	0.18	0.40	0.05	-0.42		-0.53	-0.69	0.87
50 km/h	Inner regional	0.61	0.33	-0.51	1.01		-0.47	-0.22	1.34
All 50 km/h sites		0.52	0.40	-0.22	0.01		-0.47	-0.51	1.24
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-0.38	-0.48	-1.44	-0.32	-1.39
60-100 km/h	Inner regional			**-0.88***	**-0.77****	**-0.66***	-0.58	**-0.30***	**0.73*****
60-100 km/h	Outer regional			0.30	**-1.04****	0.59	-0.75	0.17	0.52
60-100 km/h	Remote			0.12	0.21	-0.25	0.44	0.64	0.16
All 60-100 km/h sites				-0.19	**-0.53****	-0.18	-0.46	-0.20	**0.49***
All sites								-0.20	**0.51****

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.9 Changes in the proportion of vehicles above the speed limit by more than 5 km/h but less than 10 km/h from 2015 to 2016 by remoteness

Tables 3.36 and 3.37 present the findings related to changes in the proportion of vehicles travelling above the speed limit by more than 5 km/h but less than 10 km/h by speed zone and remoteness.

Considering changes in the proportion of vehicles speeding by more than 5 km/h but less than 10 km/h from 2015 to 2016, there was a significant 0.17% increase across 60-100 km/h inner regional sites, from 4.69% to 4.86%.

Non-significant reductions in the proportion of vehicles speeding by more than 5 km/h but less than 10 km/h were observed in all other remoteness categories, with the exception of 60-100 km/h remote areas. That is, reductions were observed in 50 km/h major city sites (of 0.31%, to 6.32%) and inner regional sites (of 1.47%, to 16.35%), as well as across 60-100 km/h major city sites (of 0.53%, to 6.80%) and outer regional sites (of 0.04%, to 8.92%). Conversely, a 0.42% increase (to 8.25%) was observed in 60-100 km/h remote sites.

Table 3-36. Per cent of vehicles above the speed limit by > 5 km/h but < 10 km/h by remoteness

Speed limit	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)		May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
50 km/h	Major cities	7.13	7.62	7.78	7.75	6.95		6.62	6.63	6.32
50 km/h	Inner regional	14.53	16.20	16.04	16.21	16.02		15.97	17.82	16.35
All 50 km/h sites		9.88	10.51	10.51	10.48	9.95		9.78	10.23	9.26
Speed limit	**Remoteness**			**May 2010 (S1)**	**May 2011 (S2)**	**May 2012 (S3)**	**May 2013 (S4)**	**May 2014 (S5)**	**May 2015 (S6)**	**May 2016 (S7)**
60-100 km/h	Major cities			8.68		8.29	7.73	7.37	7.33	6.80
60-100 km/h	Inner regional			5.90	5.53	5.27	5.04	4.77	4.69	4.86
60-100 km/h	Outer regional			11.12	10.40	9.53	9.77	8.78	8.96	8.92
60-100 km/h	Remote			8.95	8.61	8.15	7.91	8.05	7.83	8.25
All 60-100 km/h sites				8.80	8.39	7.98	7.86	7.53	7.46	7.53
All sites				8.93				6.34	6.29	6.34

Table 3-37. Changes in per cent of vehicles above the speed limit by > 5 km/h but < 10 km/h by remoteness

Speed limit	Remoteness	S2-S1 Nov 09-May 09	S3-S2 May 10-Nov 09	S4-S3 Nov 10-May 10	S5-S4 Nov 11-Nov 10		S6-S5 May 14-Nov 11	S7-S6 May 15-May 14	S8-S7 May 16-May 15
50 km/h	Major cities	0.49	0.16	-0.02	-0.80		-0.33	0.01	-0.31
50 km/h	Inner regional	**1.67***	-0.16	0.17	-0.19		-0.05	1.85	-1.47
All 50 km/h sites		**0.63***	0.00	-0.02	-0.53		-0.18	0.45	-0.97
Speed limit	**Remoteness**			**S2-S1 May 11-May 10**	**S3-S2 May 12-May 11**	**S4-S3 May 13-May 12**	**S5-S4 May 14-May 13**	**S6-S5 May 15-May 14**	**S7-S6 May 16-May 15**
60-100 km/h	Major cities				-0.39	-0.56	**-0.36***	-0.04	-0.53
60-100 km/h	Inner regional			**-0.37***	**-0.26*****	**-0.23****	**-0.27****	**-0.07***	**0.17***
60-100 km/h	Outer regional			-0.72	**-0.88****	0.24	**-0.98***	0.18	-0.04
60-100 km/h	Remote			-0.34	-0.45	-0.25	0.14	-0.22	0.42
All 60-100 km/h sites				**-0.41****	**-0.41*****	-0.12	**-0.33****	-0.07	0.07
All sites								-0.05	0.05

Statistical significance: * $p < .05$, ** $p < .01$, *** $p < .001$.

3.2.10 Summary of changes in vehicle speeds from 2015 to 2016 by remoteness

Table 3.38 provides an overview of the changes in vehicle speeds by site type from 2015 to 2016. Statistically significant changes are bolded and highlighted.

Table 3-38. Summary of changes in vehicle speeds by remoteness from 2015 to 2016

	50 km/h Major Cities	50 km/h Inner regional	60-100 km/h Major Cities	60-100 km/h Inner Regional	60-100 km/h Outer Regional	60-100 km/h Remote
Mean speed	NS ▲	NS ▼	NS ▼	**SIG ▲**	NS ▼	NS ▲
Median speed	NS ▲	NS ▼	NS ▼	**SIG ▲**	NS ▼	NS ▲
85th percentile speed	—	NS ▼	NS ▼	**SIG ▲**	NS ▼	NS ▲
At or below speed limit	NS ▼	NS ▲	NS ▲	**SIG ▼**	NS ▲	NS ▼
Above speed limit	NS ▲	NS ▼	NS ▼	**SIG ▲**	NS ▼	NS ▲
Up to 10 km/h over	NS ▲	NS ▼	NS ▼	**SIG ▲**	NS ▲	NS ▲
More than 10 km/h over	NS ▼	NS ▼	NS ▼	NS ▲	NS ▼	NS ▲
Up to 5 km/h over	NS ▲	NS ▲	NS ▼	**SIG ▲**	NS ▲	NS ▲
> 5 km/h but < 10 km/h over	NS ▼	NS ▼	NS ▼	**SIG ▲**	NS ▼	NS ▲

Note: NS = not statistically significant; SIG = statistically significant; — = no change.

As can be seen, the only significant changes in vehicle speeds were observed across 60-100 km/h inner regional sites. Moreover, all of these significant findings represented negative changes in the data, with increases in mean, median and 85th percentile speeds and the proportion of speeding vehicles, as well as a reduction in the proportion of speed compliant vehicles. That said, a more thorough examination of trends across these sites reveals that this is a deviation from the typically significant positive trends observed across these sites from 2010 to 2015. Future analyses should investigate whether this change represents an anomaly, regression-to-the-mean (that is, a return to “normal” levels), or a more ongoing shift in vehicle speed trends at these sites.

While all other changes are non-significant, it is encouraging to observe typically positive changes across all other remoteness site categories, with the exception of 50 km/h major city sites and 60-100 km/h remote sites. That is, positive changes can be seen across 50 km/h inner regional sites, as well as 60-100 km/h major city and outer regional sites. Specifically, positive changes are observed in all measures except speeding by up to 5 km/h and by up to 10 km/h. Taken together with the data showing reductions in more excessive levels of speeding, this may suggest that some drivers, while still exceeding the speed limit, are doing so by lesser amounts.

Conversely, changes in 50 km/h major city sites were mixed, with increases across most measures, but some indication of reductions in higher levels of speeding, while changes in 60-100 km/h remote sites were entirely in a negative direction.

A more thorough examination of Tables 3.20 to 3.37 reveals a number of additional interesting findings. Specifically, it is encouraging to note that mean speeds were below the posted speed limit across 50 km/h major city and inner regional sites. Mean speeds were also at relatively suitable levels across 60-100 km/h major city and inner regional sites (approximately 73 km/h in both site categories), however were considerably higher across both 60-100 km/h outer regional (97 km/h) and remote sites (92 km/h). Furthermore, over 60% of vehicles were travelling at or below the speed limit in all remoteness site categories, with the exception of 50 km/h inner regional sites (49.98%). The highest proportions of compliant speeds were observed across 60-100 km/h inner regional sites (77.22%), 60-100 km/h major city sites (74.80%) and 50 km/h major city sites (73.85%). See Section 3.5 for more information on vehicle compliance with speed limits. Finally, the majority of drivers who exceeded the speed limit were observed as doing so by up to 5 km/h over, with only a small proportion exceeding the speed limit by more than 10 km/h.

3.3 Summary results by speed zone

This section provides an overall summary of the results by speed zones, namely all 50 km/h speed limit sites, all 60-100 km/h speed limit sites and finally all sites together, as well as for all sites combined.

Table 3.39 provides an overview of the changes in vehicle speeds by speed zone from 2015 to 2016. Statistically significant changes are bolded and highlighted.

Table 3-39. Summary of changes in vehicle speeds by speed zone from 2015 to 2016

Speed measurement	50km/h	60-100/km	All sites
Mean speed	NS ▼	**SIG ▲**	NS ▼
Median speed	NS ▼	NS ▲	NS ▲
85th percentile speed	NS ▼	NS ▲	NS ▲
At or below speed limit	NS ▲	NS ▼	NS ▼
Above speed limit	NS ▼	NS ▲	NS ▲
Up to 10 km/h over	NS ▲	**SIG ▲**	**SIG ▲**
More than 10 km/h over	NS ▼	NS ▲	NS ▲
Up to 5 km/h over	NS ▲	**SIG ▲**	**SIG ▲**
> 5 km/h but < 10 km/h over	NS ▼	NS ▲	NS ▲

Note: NS = not statistically significant; SIG = statistically significant.

As can be seen, there were no significant changes in vehicle speeds across 50 km/h speed zone sites. That said, positive trends in the data were observed for all measures, with the exception of the proportion of vehicles exceeding the speed limit by up to 10 km/h and by up to 5 km/h. Taken together with the data that shows reductions in more excessive speeding and increases in the proportion of vehicles travelling at or below the speed limit, there is some evidence to suggest an overall downward shift in vehicle speeds, and that some drivers, while still exceeding the speed limit, are doing so by lesser amounts.

In 60-100 km/h zones, significant negative changes were observed in relation to the proportion of vehicles exceeding the speed limit by up to 10 km/h (0.45% increase) and by up to 5 km/h (0.51% increase). Of additional concern is the negative trends observed in all other measures, which suggests the observed significant increases in lower level speeding are not indicative of speeding drivers doing so by lesser amounts.

Similarly, across all sites, significant negative changes were observed in relation to mean speed (0.20 km/h increase) and the proportion of vehicles exceeding the speed limit by up to 10 km/h (0.45% increase) and by up to 5 km/h (0.49% increase). Of additional concern is the negative trends observed in all other measures, with the exception of mean speeds. Similar to the trends observed across 60-100 km/h zones, this suggests the observed significant increases in lower level speeding are not indicative of speeding drivers doing so by lesser amounts.

3.4 Mean speed trends

While the previous sections have focussed on changes in vehicle speeds from 2015 to 2016, this section will examine more long-term trends in mean vehicle speeds across the speed zones, both by site type and remoteness.

Figures 3.1 to 3.7 plot the summary mean speeds in each of the surveys for the various zone by site type and remoteness categories. Statistically significant changes from one survey to the next are indicated by a thick solid line, while non-significant changes are indicted by a dashed line.

Figure 3.1 shows the changes in mean speeds for urban 50 km/h roads. Overall, there were no statistically significant year-to-year changes, however a general downward trend was observed from 2009 to 2014, before an increase in 2015, followed by another reduction in 2016.

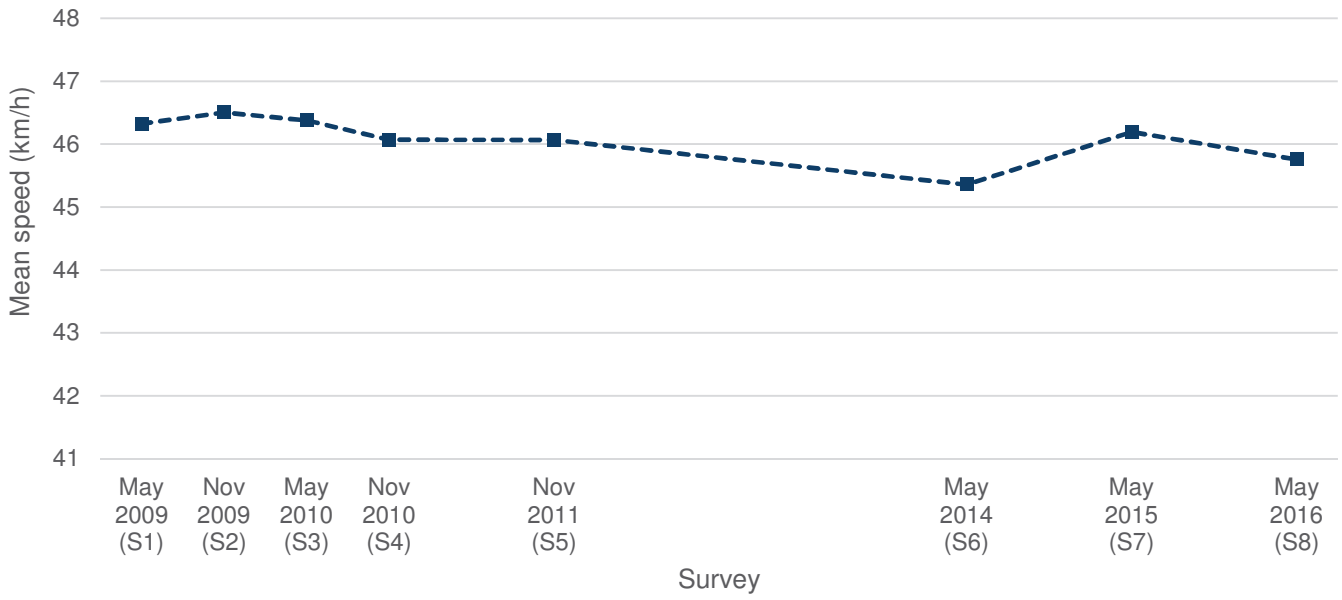

Figure 3-1. Changes in mean speeds of vehicles at 50 km/h urban sites

Figure 3.2 shows the changes in mean speeds for both 60 km/h urban and rural sites. As can be seen, there has been a typically downward trend in mean speeds at 60 km/h urban sites from 2010 to 2013, which has stabilised through to 2016. Statistically significant reductions were observed at 60 km/h urban sites between 2011 and 2012, as well as between 2012 and 2013. At 60 km/h rural sites, a similar trend was observed, with a significant reduction recorded between 2012 and 2013. It is worth noting that mean speeds at rural sites were consistently higher than those observed across the urban sites.

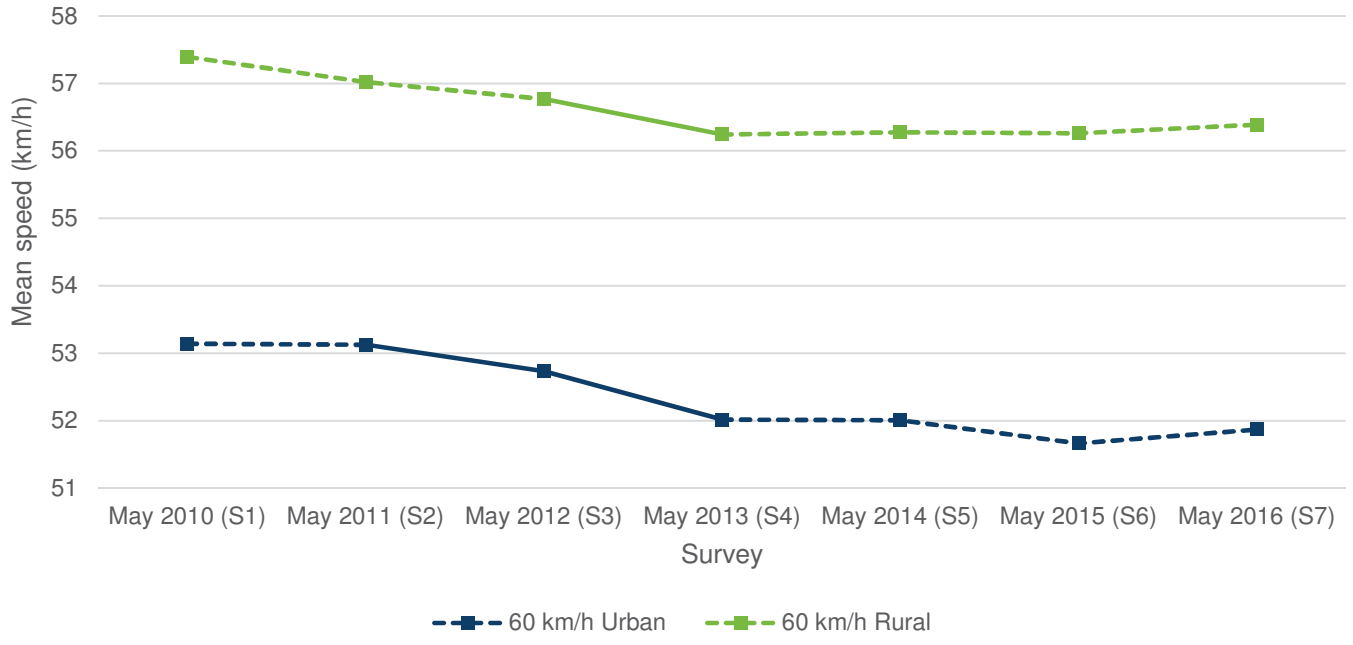

Figure 3-2. Changes in mean speeds of vehicles at 60 km/h urban and rural sites

Figure 3.3 shows the changes in mean speeds for both 80 km/h urban and rural sites. As can be seen, there have been no statistically significant changes observed at either the urban or rural sites across the survey periods. Nonetheless, both sites types showed typically downward trends from 2010 to 2014, with mean speeds becoming more stable from 2014 to 2016 at urban sites, and increasing slightly at rural sites. It is worth noting that mean speeds at rural sites were consistently higher than those observed across the urban sites.

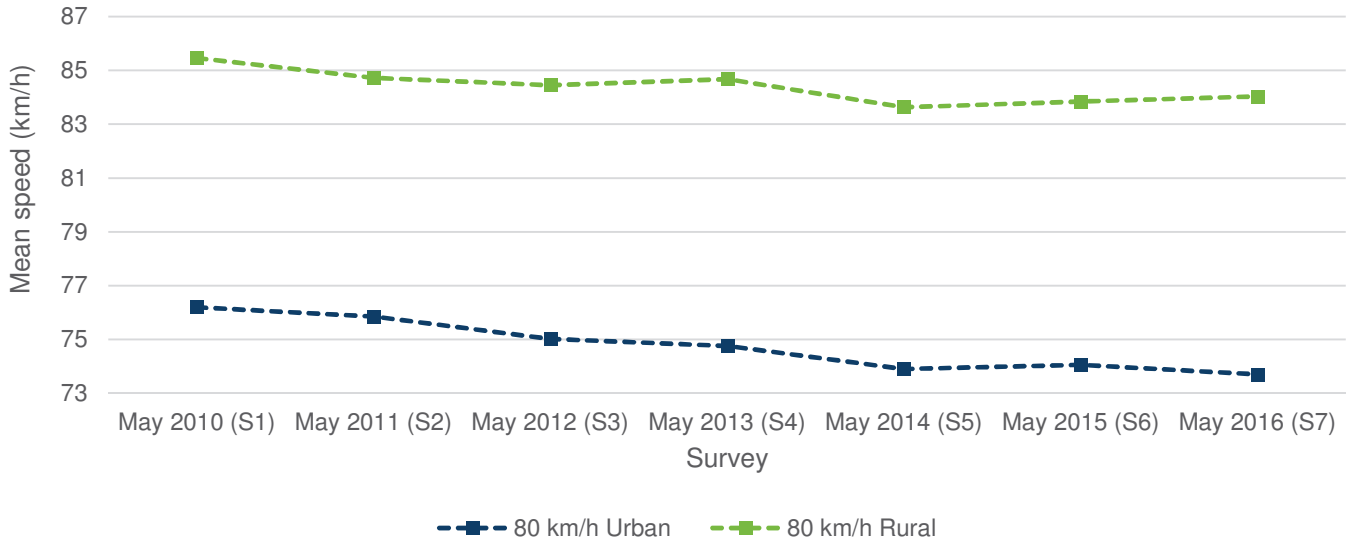

Figure 3-3. Changes in mean speeds of vehicles at 80 km/h urban and rural sites

Figure 3.4 shows the changes in mean speeds for both 100 km/h urban and rural sites. As can be seen, there has been a typically upward trend at urban sites from 2010 to 2014, before a reduction in 2015, followed by another increase in 2016, with none of the changes reaching statistical significance. Conversely, mean speeds at 100 km/h rural sites showed downward trend from 2010 to 2014, with the reduction between 2011 and 2012 being statistically significant, followed by a stabilising in the trend from 2014 to 2015, and then an increase in 2016. It is worth noting that there was far less difference in speeds between the urban and rural sites for this speed zone.

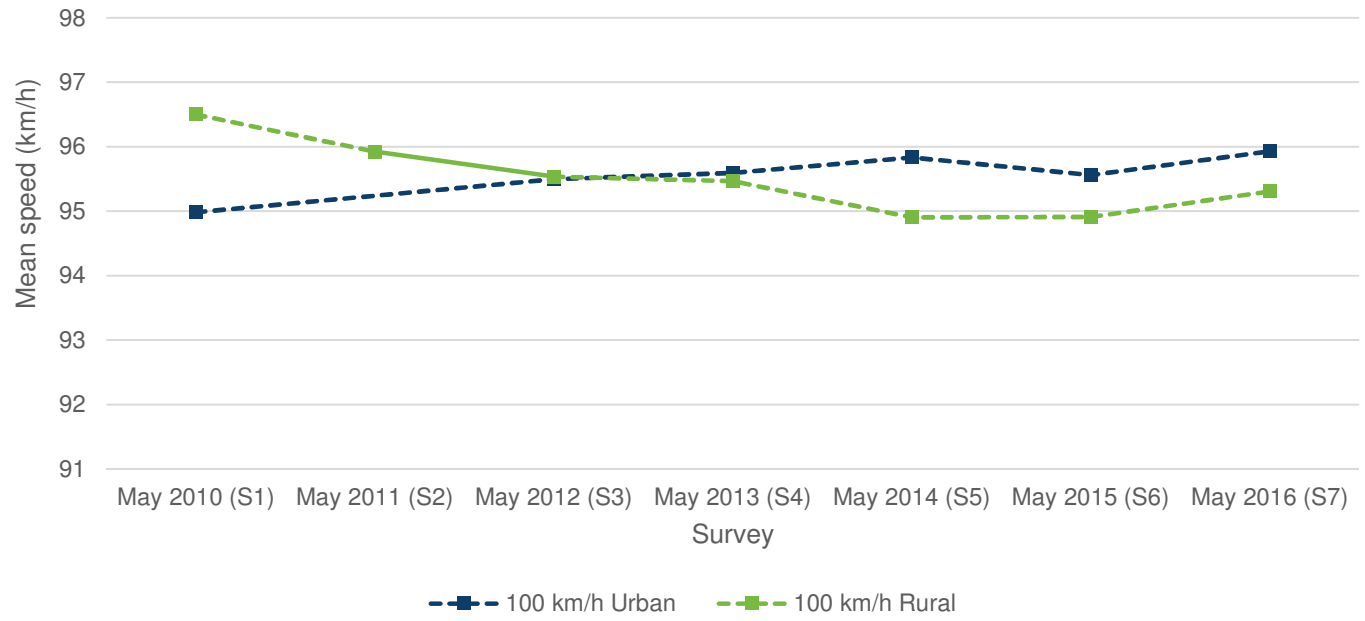

Figure 3-4. Changes in mean speeds of vehicles at 100 km/h urban and rural sites

Figure 3.5 shows the changes in mean speeds at 50 km/h major city and inner regional sites. As can be seen, across 50 km/h major city sites there was a slight downward trend from 2009 to 2014, before an upward trend to 2016, of which none of the changes reached statistical significance. Across the 50 km/h inner regional sites, there was a significant increase between May 2009 and November 2009, before a series of non-significant reductions to 2014, followed by an increase in 2015, before decreasing again in 2016. It is worth noting that mean speeds at inner regional sites were consistently higher than those observed across the major city sites.

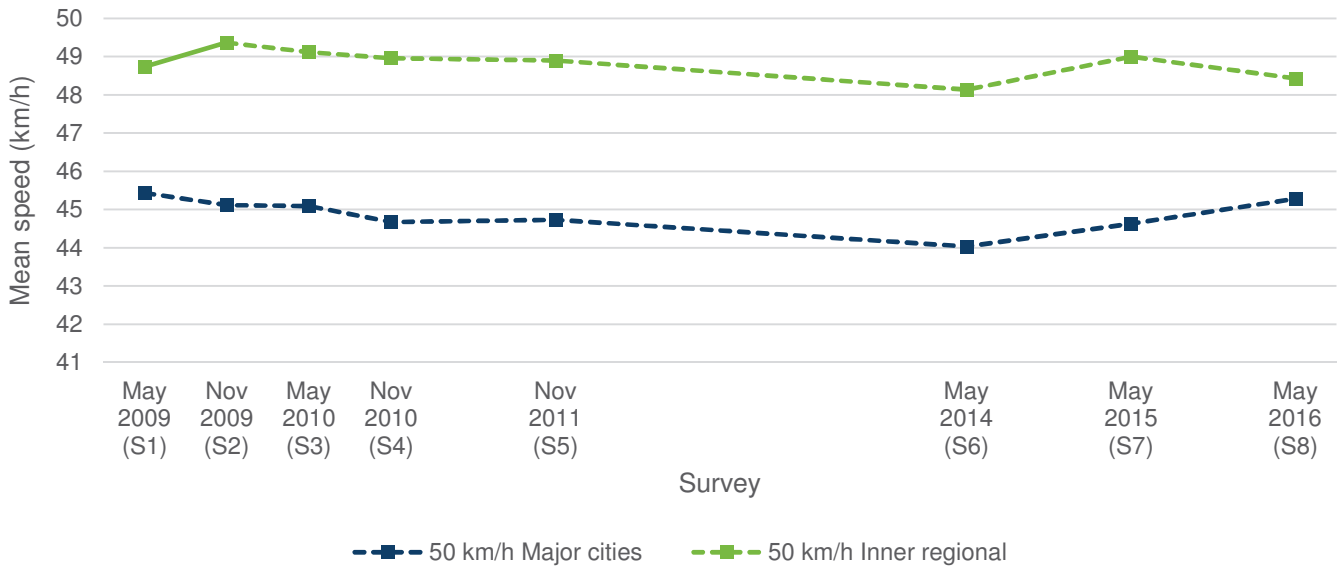

Figure 3-5. Changes in mean speeds of vehicles at 50 km/h major city and inner regional sites

Figure 3.6 shows the changes in mean speeds at 60-100 km/h major city and inner regional sites. As can be seen, there was a consistent downward trend in mean speeds at 60-100 km/h major city sites from 2010 to 2015, however none of the year-to-year differences reached statistical significance. The lack of statistical significance may be due to the small number of sites sampled in this speed zone by remoteness category. Across the inner regional sites, there was a downward trend observed from 2010 to 2015, with statistically significant year-to-year reductions from 2010 to 2013, before a significant increase between 2015 and 2016. It is worth noting that there was far less difference in mean speeds at inner regional compared to major city sites for these speed zones.

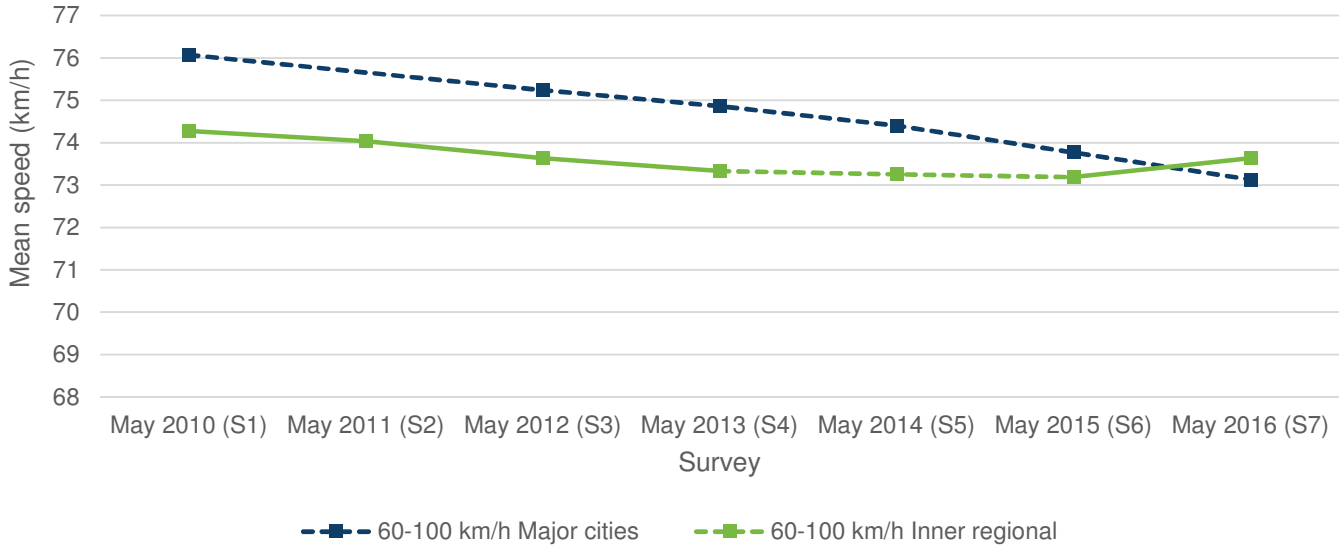

Figure 3-6. Changes in mean speeds of vehicles at 60-100 km/h major city and inner regional sites

Figure 3.7 shows the changes in mean speeds at 60-100 km/h outer regional and remote sites. As can be seen, trends at these sites were less consistent. At outer regional sites, mean speeds decreased from 2010 to 2012, with the reduction between 2011 and 2012 being statistically significant. This was followed by a slight non-significant increase between 2012 and 2013 and then another significant reduction between 2013 and 2014. However, there was a significant increase between 2014 and 2015, before mean speeds decreased again in 2016 (albeit at non-significant levels). In contrast, there were no statistically significant year-to-year changes observed at 60-100 km/h remote sites. Nonetheless, a downward trend was seen from 2010 to 2013, followed by a slight increase in 2014, another reduction in 2015 and finally an increase in 2016. It is worth noting that mean speeds at outer regional sites were consistently higher than those observed across the remote sites.

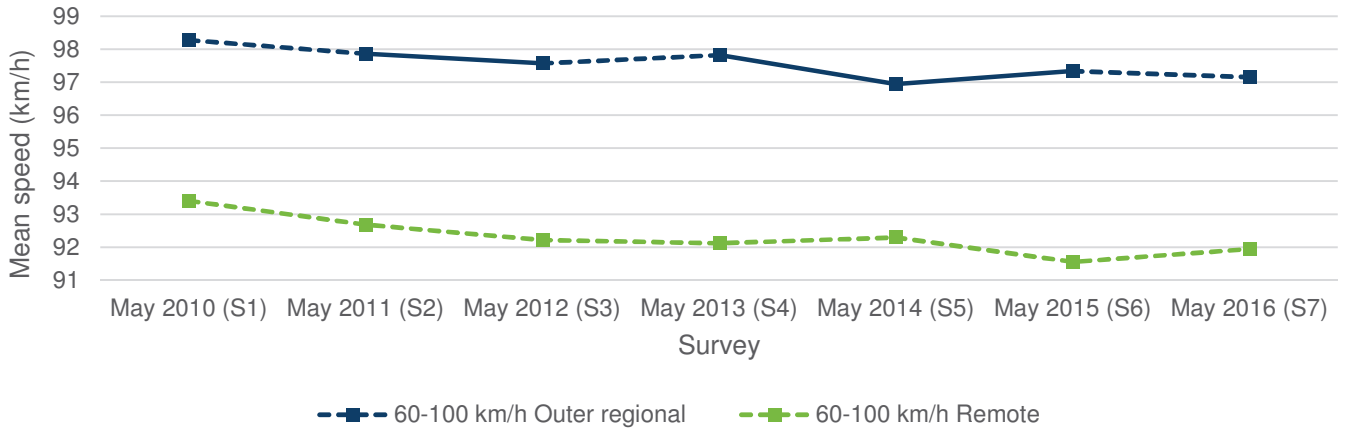

Figure 3-7. Changes in mean speeds of vehicles at 60-100 km/h outer regional and remote sites

3.5 Speed limit compliance

This section describes levels of compliance with speed limits across the speed zones, both by site type and remoteness. Specifically, this section will provide an overview of the proportion of vehicles observed travelling at or below the speed limit and, for those travelling above the limit, examine at what levels most vehicles were exceeding the speed limit by.

Figure 3.8 shows the proportion of vehicles complying with or exceeding the speed limit by speed zone and site type. As can be seen, more than 65% of all vehicles were travelling at or below the speed limit for each of the site type categories, with the exception of 80 km/h rural sites (47.14%). The highest proportions of compliant speeds were observed at 60 km/h urban sites (92.09%), 80 km/h urban sites (77.84%) and 100 km/h urban sites (74.78%). In addition, for all site types except the 80 km/h rural sites, the majority of vehicles that were exceeding the speed limit did so by up to 5 km/h, with only a small proportion of vehicles travelling in excess of 10 km/h over the speed limit.

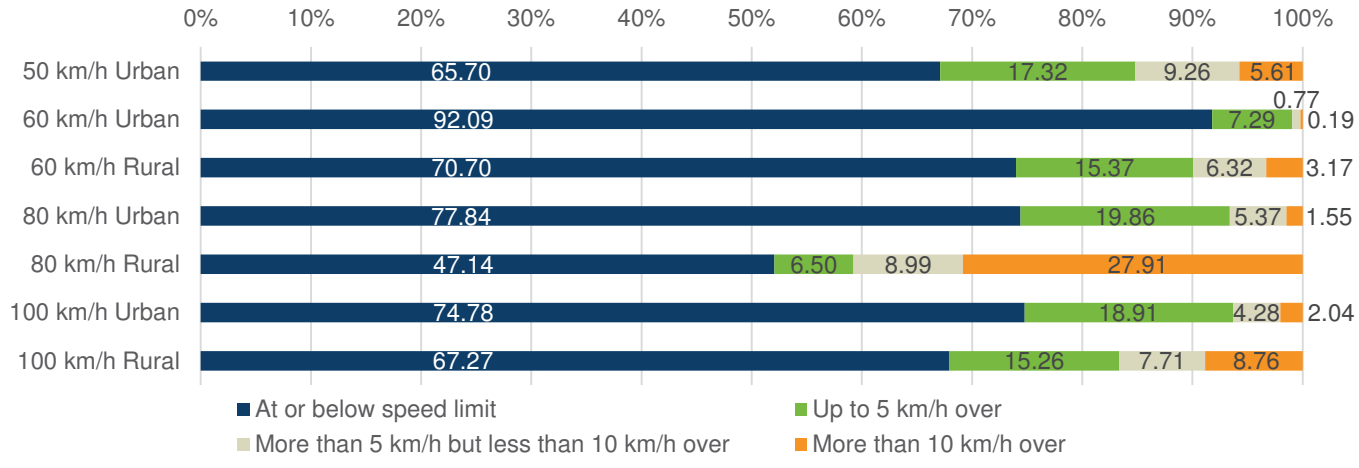

Figure 3-8. Proportion of vehicles complying with and exceeding the speed limit by site type

Figure 3.9 shows the proportion of vehicles complying with or exceeding the speed limit by speed zone and remoteness. As can be seen, more than 60% of vehicles were travelling at or below the speed limit in all remoteness site categories, with the exception of 50 km/h inner regional sites (49.98%). The highest proportion of compliant speeds were observed across 60-100 km/h inner regional sites (77.22%), 60-100 km/h major city sites (74.80%) and 50 km/h major city sites (73.85%). In addition, for all remoteness categories the majority of vehicles that were exceeding the speed limit did so by up to 5 km/h, with only a small proportion of vehicles travelling in excess of 10 km/h over the speed limit.

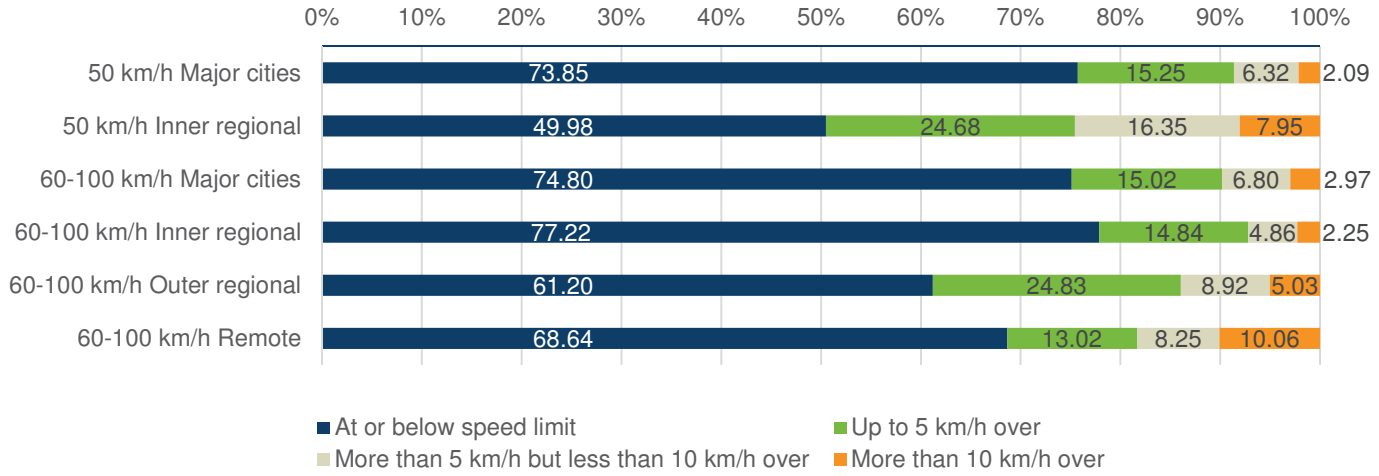

Figure 3-9. Proportion of vehicles complying with and exceeding the speed limit by remoteness

It is worth noting that, generally speaking, higher proportions of vehicles exceeded the speed limit as sites became more remote. Specifically, speeding was typically more prevalent, and more excessive, in rural and remote areas, compared to urban areas, and this finding was observed across all speed zones. This finding may be a product of lower perceptions of enforcement in more remote areas, or differences in underlying driver attitudes in more remote areas.

3.6 Expected effect on injuries

One obvious potential impact of reduced vehicle speeds is a subsequent reduction in road trauma, including fatal and serious injury crashes. Cameron and Elvik (2010), using refined power estimates from a model originally developed by Nilsson (1981, 2004), developed a series of estimates outlining expected changes in casualties and fatalities associated with changes in the mean speeds of vehicles for different road environments.

These power estimates from Cameron and Elvik (2010) were used is the current research to calculate expected proportional changes in fatal and casualty crashes on Queensland roads associated with the observed changes in mean speeds observed over the survey periods. Given that Cameron and Elvik (2010) did not analyse the specific road types used in Queensland: the value for urban arterial roads was used for all 50 km/h and 60 km/h roads and for urban 80 km/h roads, while the value for rural highways was used for rural 80 km/h roads and all 100 km/h roads.

Table 3.40 shows the injury and fatality power factors for each road type used to calculate expected changes in road trauma.

Table 3-40. Expected percentage reductions in persons injured due to lower mean speeds

Speed limit	Site type	Injury power factor*	Fatality power factor*
50 km/h	Urban	1.746	4.251
60 km/h	Urban	1.746	4.251
	Rural	1.746	4.251
80 km/h	Urban	1.746	4.251
	Rural	2.495	4.711
100 km/h	Urban	2.495	4.711
	Rural	2.495	4.711

* From Cameron & Elvik (2010)

Specifically, the following method was used:

1. Calculate the ratio between two adjacent mean speed survey summary statistics (S2/S1, S3/S2 and so on)
2. Raise that value to the appropriate power factor from Table 3.40
3. Multiply that value by 100 and then subtract 100 to calculate the expected percentage change in persons injured as a result of the change in mean vehicle speeds.

As a concrete example, consider the impact on injurious crashes associated with changes in mean speeds on 60 km/h urban roads from May 2010 (S1) to May 2011 (S2). In 2010 (S1), mean speeds were 53.144 km/h across these sites, falling to 53.129 km/h in 2011 (S2). The ratio of these two values is 0.9997 (S2/S1 or 53.129/53.144), which when raised to the power of 1.746 (taken from Table 3.40 for the injury power factor for 60 km/h urban roads) equates to 0.9995. This figure is then multiplied by 100, and then 100 is subtracted, resulting in -0.05. Thus, the expected percentage change in persons injured at S2 compared to S1 as a result of the observed changes in the mean speeds is a reduction of 0.05%.

Table 3.41 also shows the expected percentage change in the number of people fatally injured between surveys as a result of the observed changes in mean vehicle speeds across the various speed zones and site types. As can be seen, there were no statistically significant changes in expected fatality crashes between 2015 and 2016. There were non-significant reductions at 50 km/h urban sites (-3.99%) and 80 km/h urban sites (-1.99%), while all other sites types experienced non-significant increases (in the magnitude of 0.98% to 1.97%).

Table 3-41. Expected percentage changes in persons fatally injured by site type

Speed limit	Site type	S2 - S1	S3 - S2	S4 - S3	S5 - S4		S6 - S5	S7 - S6	S8 - S7
50 km/h	Urban	1.64	-1.17	-2.77	-0.02		-6.40	8.09	-3.99
Speed limit	**Site type**			**S2 - S1**	**S3 - S2**	**S4 - S3**	**S5 - S4**	**S6 - S5**	**S7 - S6**
60 km/h	Urban			-0.12	**-3.12***	**-5.62***	-0.08	-2.77	1.68
60 km/h	Rural			-2.73	-1.86	**-3.88***	0.26	-0.12	0.98
80 km/h	Urban			-1.90	-4.57	-1.45	-4.79	0.84	-1.99
80 km/h	Rural			-4.00	-1.49	1.28	-5.72	1.23	1.04
100 km/h	Urban					3.06	1.20	-1.34	1.83
100 km/h	Rural			-2.78	**-1.88***	-0.35	-2.74	0.04	1.97

* Statistically significant at $p < .05$.

Table 3.42 shows the expected percentage change in the number of people injured between surveys as a result of the observed changes in mean vehicle speeds across the various speed zones and site types. As can be seen, there were no statistically significant changes in expected injurious crashes between 2015 and 2016. There were non-significant reductions at 50 km/h urban sites (-1.66%) and 80 km/h urban sites (-0.82%), while all other sites types experienced non-significant increases (in the magnitude of 0.40% to 1.04%).

Table 3-42. Expected percentage changes in persons injured by site type

Speed limit	Site type	S2 - S1	S3 - S2	S4 - S3	S5 - S4		S6 - S5	S7 - S6	S8 - S7
50 km/h	Urban	0.67	-0.48	-1.15	-0.01		-2.68	3.25	-1.66
Speed limit	**Site type**			**S2 - S1**	**S3 - S2**	**S4 - S3**	**S5 - S4**	**S6 - S5**	**S7 - S6**
60 km/h	Urban			-0.05	**-1.29***	**-2.35***	-0.03	-1.15	0.69
60 km/h	Rural			-1.13	-0.77	**-1.61***	0.11	-0.05	0.40
80 km/h	Urban			-0.78	-1.90	-0.60	-2.00	0.35	-0.82
80 km/h	Rural			-2.14	-0.79	0.68	-3.07	0.65	0.55
100 km/h	Urban					1.61	0.63	-0.71	0.96
100 km/h	Rural			-1.48	**-1.00***	-0.19	-1.46	0.02	1.04

* Statistically significant at $p < .05$.

While the results in Tables 3.41 and 3.42 show few statistically significant changes, they do indicate that even small changes in mean speeds have the potential to have practically significant impacts on the number of injuries and fatalities on Queensland roads. However, caution is required when interpreting these results. There is some uncertainty regarding the generalisability of observed changes in mean speed on the sampled roads to similar roads across Queensland, as well as additional uncertainty regarding the accuracy of the power factors used to estimate expected changes in crashes. A myriad of other factors, such as traffic volume, economic conditions and enforcement programs, also influence crash rates, and thus these results should be taken as indicative rather than as precise estimates of the expected effect on injuries and fatalities.

3.7 2010 to 2016 comparisons

While the primary purpose of the speed surveys is to track changes from year-to-year, there is certainly value in comparing changes over the longer term. This section examines changes in speed measures across the speed zone and site type categories from 2010 to 2016, a six-year period.

Due to insufficient numbers of sites in some of the categories, it was not possible to analyse data for each of the individual speed zone site types. Instead, comparisons were made for each of the following: 50 km/h urban sites (*N* = 28 comparisons); 60-100 km/h urban sites (*N* = 18 comparisons); and, 60-100 km/h rural sites (*N* = 108 comparisons).

While the 50 km/h sites were also surveyed in 2009, for consistency, comparisons were made between the May 2010 and May 2016 surveys to allow for comparisons across the same time period as the 60-100 km/h sites.

Table 3.43 shows the changes in vehicle speeds between the May 2010 and May 2016 surveys, with statistically significant changes indicated. Data shown represent the medians across the sites for each survey, for each speed measurement type. The same methodology was used as described in Section 2.6, whereby comparisons were made between sites that had data for both May 2010 and May 2016. Given this approach, data in Table 3.43 may be discrepant from those noted in earlier tables for the same survey years.

As can be seen, there were are a number of statistically significant positive long-term changes across 50 km/h urban sites. This included significant reductions in mean speeds (-0.48 km/h), median speeds (-0.43 km/h) and 85th percentile speeds (-0.75 km/h), as well as reductions in the proportion of vehicles exceeding the posted speed limit (-0.80%), particularly at higher levels, with a 0.89% reduction in the proportion of vehicles exceeding the speed limit by more than 10 km/h and a 0.30% reduction in the proportion of vehicles exceeding the speed limit by more than 5 km/h but less than 10 km/h.

A number of statistically significant positive long-term changes were also observed across the 60-100 km/h rural sites. This included a 1.50 km/h reduction in 85th percentile speeds, as well as reductions in the proportion of vehicles exceeding the posted speed limit (-2.17%), particularly at higher levels, with a 1.85% reduction in the proportion of vehicles exceeding the speed limit by more than 10 km/h and a 0.91% reduction in the proportion of vehicles exceeding the speed limit by more than 5 km/h but less than 10 km/h.

Conversely, far fewer significant long-term changes were found across 60-100 km/h urban sites. Specifically, the only statistically significant change was a 0.45% reduction in the proportion of vehicles exceeding the speed limit by more than 10 km/h. Given the small number of comparisons, these findings should be interpreted with caution.

Table 3-43. Long-term changes in vehicle speeds from 2010 to 2016 by site type

Speed zone/Site type	Speed measure	May 2010	May 2016	Change
50 km/h Urban	Mean	46.25	45.76	**-0.48***
	Median	47.55	47.12	**-0.43****
	85th percentile	56.10	55.35	**-0.75*****
	% At or below limit	62.49	63.30	**0.80***
	% Above limit	37.51	36.70	**-0.80***
	% Above up to 5 km/h	19.88	20.52	0.63
	% Above up to 10 km/h	32.21	31.95	-0.26
	% Above by 6-10 km/h	10.92	10.61	**-0.30***
	% Above more than 10 km/h	6.00	5.11	**-0.89*****
60-100 km/h Urban	Mean	63.92	61.04	-2.88
	Median	62.78	60.15	-2.63
	85th percentile	71.20	67.19	-4.02
	% At or below limit	76.79	74.78	-2.02
	% Above limit	23.21	25.22	2.02
	% Above up to 5 km/h	15.72	18.91	3.19
	% Above up to 10 km/h	20.82	23.19	2.37
	% Above by 6-10 km/h	4.88	4.49	-0.39
	% Above more than 10 km/h	2.03	1.58	**-0.45***
60-100 km/h Rural	Mean	95.02	94.79	-0.23
	Median	95.60	95.64	0.04
	85th percentile	106.48	104.98	**-1.50****
	% At or below limit	64.10	66.27	**2.17****
	% Above limit	35.90	33.73	**-2.17****
	% Above up to 5 km/h	15.30	15.75	0.46
	% Above up to 10 km/h	24.08	24.93	0.85
	% Above by 6-10 km/h	9.18	8.27	**-0.91***
	% Above more than 10 km/h	8.98	7.13	**-1.85****

Note: *N* = 28 comparisons for 50 km/h urban sites; N = 18 comparisons for 60-100 km/h urban sites; N = 108 comparisons for 60-100 km/h rural sites.

4 Discussion

4.1 Changes from 2015 to 2016

Overall, there were very few statistically significant changes from 2015 to 2016 across any of the speed measures for any of the speed zone site type or remoteness categories. Exceptions included for 100 km/h rural sites and 60-100 km/h inner regional sites. In both these instances, significant negative changes were observed for mean and 85th percentile speeds (as well as median speeds in 60-100 km/h inner regional sites), as well as the proportion of vehicles driving above the speed limit.

This data, while concerning, reflected a deviation from relatively consistent downward trends observed in previous years across these sites. Future surveys should seek to identify whether the increased vehicle speeds observed in 2016 represent a regression-to-the-mean or a genuine shift in trends for vehicle speeds at these sites.

While not statistically significant, the relatively negative overall changes from 2015 to 2016 across speed measures observed in both 60 km/h and 80 km/h urban and rural sites, as well as 60-100 km/h remote sites, was concerning. However, similar to the trends observed in the 100 km/h rural sites, these negative changes represented a deviation from typically positive long-term trends. Future surveys should also seek to monitor the ongoing trajectory of trends across these sites.

Positive changes in speed measures from 2015 to 2016 were typically observed across 50 km/h urban sites, 50 km/h inner regional sites, as well as 60-100 km/h major city and outer regional sites. However there was some evidence of an increase in low level speeding. Taken together with data showing reductions in more excessive speeding, as well as increases in the proportion of vehicles travelling at or below the speed limit at these sites, this is largely indicative of an overall downward shift in vehicle speeds, and suggests that some drivers, while still exceeding the speed limit, are doing so by lesser amounts.

A number of additional encouraging findings were also observed with relation to vehicle speeds in 2016. For example, with the exception of 80 km/h rural sites, mean speeds were below the posted speed limit in all site type categories and over 65% of vehicles were travelling at or below the speed limit. Finally, the majority of drivers who exceeded the speed limit were observed as doing so by up to 5 km/h over, with only a small proportion exceeding the speed limit by more than 10 km/h. This data is consistent with previous observational studies conducted in Queensland that show that the majority of drivers obey posted speed limits (Glendon & Sutton, 2005) and that those drivers who do exceed the speed limit, typically do so by up to 10 km/h – a de facto speed limit largely associated with perceptions of enforcement thresholds (Fleiter, et al., 2009).

4.2 Long-term trends

Section 3.4 revealed downward trends in mean speeds across the speed zones by both site type and remoteness, with the exception of 100 km/h urban sites. It was also noted that mean speeds at rural and more remote sites were consistently higher than those observed across urban or metropolitan or inner regional sites, with the exception of 100 km/h zones. That said, as noted previously, mean speeds were typically still below the posted speed limit across these sites.

Section 3.7 extended upon these findings to analyse long-term trends across all the speed measurements. The analysis found statistically significant positive long-term changes across 50 km/h urban sites, including reductions in mean, median and 85th percentile speeds, as well as reductions in the proportion of vehicles exceeding the posted speed limit, particularly at higher levels. Similar significant and positive trends were observed across 60-100 km/h rural sites, while the only significant change observed across 60-100 km/h urban sites was a slight reduction in the proportion of vehicles exceeding the speed limit by more than 10 km/h, however the smaller number of comparisons in the latter category of sites means that the findings should be interpreted with caution.

Taken together, these findings generally suggest positive long-term shifts in vehicle speeds and the proportion of speeding vehicles across most of the Queensland road network. However, taken together with data showing poorer rates of compliance (see Section 4.3 below for more), it suggests that there may be room for improvement in interventions and enforcement on more rural and remote roads and with the drivers that typically use these roads.

4.3 Speed limit compliance

Encouragingly, the findings of this research highlighted that the majority of drivers are typically compliant with posted speed limits. When analysing compliance with speed limits across site types, it was found that 65% of all vehicles were travelling at or below the speed limit for each of the site type categories, with the exception of 80 km/h rural sites. The highest proportions of compliant speeds were observed at urban sites. Of those vehicles that were observed exceeding the speed limit, the majority did so by relatively small amount (up to 5 km/h), with only a small proportion of vehicles travelling in excess of 10 km/h over the speed limit.

Similar findings were reported in relation to the remoteness of sites. Specifically, more than 60% of vehicles were travelling at or below the speed limit in all remoteness site categories, with the exception of 50 km/h inner regional sites. The highest proportion of compliant speeds were observed across major city and inner regional sites. Again, the majority of vehicles that were exceeding the speed limit did so by up to 5 km/h, with only a small proportion travelling in excess of 10 km/h over the speed limit.

It is worth noting that, generally speaking, higher proportions of vehicles exceeded the speed limit as sites became more remote. Specifically, speeding was typically more prevalent, and more excessive, in rural and remote areas, compared to urban areas, and this finding was observed across all speed zones. This finding may be a product of lower perceptions of enforcement in more remote areas, or differences in underlying driver attitudes in more remote areas, and suggests that there are opportunities for enforcement and public education in these areas.

As stated previously, this data is consistent with previous observational studies conducted in Queensland that show that the majority of drivers obey posted speed limits (Glendon & Sutton, 2005) and that those drivers who do exceed the speed limit, typically do so by relatively smaller amounts (Fleiter, et al., 2009).

4.4 Expected effect on injuries

Using Cameron and Elvik's (2010) refined power estimates, expected changes in casualties and fatalities associated with the observed changes in the mean speeds of vehicles were calculated. While there were no statistically significant changes in either expected fatality crashes or injurious crashes between 2015 and 2016, the results do indicate that even small changes in mean speeds have the potential to have practically significant impacts on the number of injuries and fatalities on Queensland roads. However, caution is required when interpreting these results to issues associated with the generalisability of observed changes on the sampled roads, uncertainty regarding the accuracy of the power estimates, and confounding factors.

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Appendix A - Site details

Details of the surveys carried out at each site are presented in Tables A.1-A.7. The legend is as follows:

- "Individual" : individual vehicles had their speeds measured
- "Binned" : binned data was collected for vehicles grouped in each hour of the day
- "***" : no useful data was collected in that survey but site is still considered viable
- "X": no longer being used as a site
- "-": new site that was not measured in these previous years.

Table A.1 Urban 50 km/h site details

Site ID	Region	Remoteness	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)
U050-01	Darling Downs	Inner Regional	***	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-02	Darling Downs	Inner Regional	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-03	Darling Downs	Inner Regional	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-04	Darling Downs	Inner Regional	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-05	Metropolitan	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-06	Metropolitan	Major Cities	Individual	Individual	Individual	Individual	Individual	***	***	Individual
U050-07	Metropolitan	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-08	Metropolitan	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-09	North Coast	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-10	North Coast	Inner Regional	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-11	North Coast	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	X
U050-12	North Coast	Major Cities	Individual	Individual	***	***	Individual	Individual	Individual	Individual
U050-13	South Coast	Major Cities	Individual	Individual	Individual	***	Individual	Individual	Individual	***
U050-14	South Coast	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	***
U050-15	South Coast	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	***
U050-16	South Coast	Major Cities	Individual	Individual	Individual	Individual	Individual	Individual	Individual	***
U050-17	Wide Bay/Burnett	Inner Regional	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-18	Wide Bay/Burnett	Inner Regional	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual
U050-19	Wide Bay/Burnett	Inner Regional	Individual	Individual	Individual	Individual	Individual	***	***	Individual
U050-20	Wide Bay/Burnett	Inner Regional	Individual	Individual	Individual	Individual	Individual	Individual	Individual	Individual

Table A.2 Urban 60 km/h site details

Site ID	Region	Remoteness	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)
U060-01	Nth C & Wide Bay/Burn.	Major Cities	***	Individual	***	Binned	***	Binned	Binned
U060-02	Central Qld	Inner Regional	Individual	***	***	***	***	Binned	Binned
U060-03	Nth C & Wide Bay/Burn.	Inner Regional	***	Individual	Binned	Binned	Binned	***	Binned
U060-04	Nth C & Wide Bay/Burn.	Inner Regional	Individual	Individual	Binned	Binned	Binned	Binned	Binned
U060-05	Nth C & Wide Bay/Burn.	Inner Regional	***	Individual	Binned	Binned	Binned	Binned	Binned
U060-06	Nth C & Wide Bay/Burn.	Inner Regional	***	Individual	Binned	Binned	Binned	Binned	Binned
U060-07	Nth C & Wide Bay/Burn.	Inner Regional	Individual	Individual	Binned	Binned	Binned	Binned	Binned
U060-08	Nth C & Wide Bay/Burn.	Inner Regional	***	Individual	Binned	Binned	Binned	Binned	Binned
U060-09	Nth C & Wide Bay/Burn.	Inner Regional	Individual	Individual	Binned	Binned	Binned	Binned	Binned
U060-10	Nth C & Wide Bay/Burn.	Inner Regional	***	Individual	***	Binned	Binned	Binned	Binned
U060-11	Nth C & Wide Bay/Burn.	Inner Regional	Individual	Individual	Binned	Binned	Binned	Binned	Binned
U060-12	South Coast	Major Cities	***	***	***	Binned	***	Binned	Binned
U060-13	Nth C & Wide Bay/Burn.	Major Cities	***	***	***	Binned	Binned	Binned	Binned
U060-14	Downs South West	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
U060-15	Downs South West	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
U060-16	Downs South West	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
U060-17	Nth C & Wide Bay/Burn.	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
U060-18	Nth C & Wide Bay/Burn.	Inner Regional	***	***	Binned	Binned	Binned	Binned	Binned
U060-19	Nth C & Wide Bay/Burn.	Inner Regional	***	***	Binned	Binned	Binned	Binned	Binned
U060-20	Nth C & Wide Bay/Burn.	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
U060-21	Nth C & Wide Bay/Burn.	Major Cities	***	***	***	Binned	Binned	***	Binned
U060-22	Metropolitan	Major Cities	***	***	***	Binned	***	Binned	Binned
U060-23	Nth C & Wide Bay/Burn.	Major Cities	***	***	***	Binned	***	Binned	Binned
U060-24	Metropolitan	Major Cities	-	-	***	Binned	***	Binned	Binned

Table A.3 Rural 60 km/h site details

Site ID	Region	Remoteness	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)
R060-01	Nth C & Wide Bay/Burn.	Outer Regional	***	-	Binned	Binned	Binned	Binned	Binned
R060-02	South Coast	Inner Regional	***	Binned	***	Binned	***	Binned	Binned
R060-03	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	***	Binned	***	Binned	Binned
R060-04	Downs South West	Inner Regional	***	Binned	Binned	Binned	Binned	Binned	Binned
R060-05	Downs South West	Outer Regional	Binned	-	Binned	Binned	***	Binned	Binned
R060-06	Central Qld	Outer Regional	***	Binned	***	Binned	***	Binned	Binned
R060-07	Nth C & Wide Bay/Burn.	Inner Regional	Binned	Binned	***	Binned	Binned	Binned	Binned
R060-08	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	***	Binned	Binned	Binned	Binned
R060-09	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	***	Binned	***	***	Binned
R060-10	Nth C & Wide Bay/Burn.	Inner Regional	Binned	Binned	***	Binned	***	Binned	***
R060-11	Nth C & Wide Bay/Burn.	Inner Regional	***	***	***	Binned	***	Binned	Binned
R060-12	Nth C & Wide Bay/Burn.	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
R060-13	Nth C & Wide Bay/Burn.	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
R060-14	Downs South West	Very Remote	Binned	***	***	Binned	***	Binned	Binned
R060-15	Downs South West	Very Remote	Binned	***	***	Binned	***	Binned	Binned
R060-16	Nth C & Wide Bay/Burn.	Inner Regional	Binned	***	Binned	Binned	***	Binned	Binned
R060-17	Nth C & Wide Bay/Burn.	Inner Regional	Binned	***	Binned	***	Binned	Binned	Binned
R060-18	Nth C & Wide Bay/Burn.	Inner Regional	-	-	-	-	-	-	Binned

Table A.4 Urban 80 km/h site details

Site ID	Region	Remoteness	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)
U080-01	Central Qld	Inner Regional	Binned	Binned	Binned	Binned	Binned	Binned	Binned
U080-02	Central Qld	Inner Regional	***	***	***	Binned	***	Binned	Binned
U080-03	Nth C & Wide Bay/Burn.	Inner Regional	Binned	Binned	Binned	Binned	Binned	Binned	Binned
U080-04	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	Binned	Binned	Binned	Binned	Binned
U080-05	Metropolitan	Major Cities	***	Binned	Binned	Binned	Binned	Binned	***
U080-06	South Coast	Major Cities	***	***	***	Binned	***	Binned	Binned
U080-07	South Coast	Major Cities	Binned	***	Binned	Binned	Binned	Binned	Binned
U080-08	South Coast	Major Cities	***	***	***	Binned	***	Binned	Binned
U080-09	Downs South West	Inner Regional	***	***	***	Binned	***	Binned	Binned
U080-10	Central Qld	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
U080-11	Metropolitan	Major Cities	***	***	***	Binned	***	Binned	Binned
U080-12	Metropolitan	Major Cities	***	***	***	Binned	***	Binned	Binned
U080-13	Metropolitan	Major Cities	***	***	***	Binned	***	Binned	Binned
U080-14	Metropolitan	Major Cities	***	***	***	Binned	***	Binned	Binned
U080-15	Metropolitan	Major Cities	***	***	***	Binned	***	Binned	Binned
U080-16	Nth C & Wide Bay/Burn.	Major Cities	-	-	-	-	-	-	Binned
U080-17	Nth C & Wide Bay/Burn.	Major Cities	-	-	-	-	-	-	Binned

Table A.5 Rural 80 km/h site details

Site ID	Region	Remoteness	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)
R080-01	Nth C & Wide Bay/Burn.	Major Cities	***	Binned	***	Binned	***	***	Binned
R080-02	Downs South West	Outer Regional	***	Binned	Binned	Binned	***	Binned	Binned
R080-03	Downs South West	Outer Regional	***	Binned	***	Binned	Binned	Binned	Binned
R080-04	Downs South West	Outer Regional	***	Binned	Binned	Binned	Binned	Binned	Binned
R080-05	Central Qld	Outer Regional	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R080-06	Central Qld	Outer Regional	***	***	Binned	Binned	***	***	Binned
R080-07	Nth C & Wide Bay/Burn.	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
R080-08	Nth C & Wide Bay/Burn.	Inner Regional	Binned	Binned	Binned	Binned	Binned	***	Binned
R080-09	Nth C & Wide Bay/Burn.	Inner Regional	***	***	Binned	Binned	***	Binned	***
R080-10	Downs South West	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
R080-11	Downs South West	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
R080-12	Downs South West	Very Remote	***	***	***	Binned	***	Binned	Binned
R080-13	North Qld	Very Remote	Binned	***	Binned	Binned	***	***	Binned
R080-14	North Qld	Very Remote	Binned	***	Binned	Binned	Binned	***	Binned
R080-15	Nth C & Wide Bay/Burn.	Outer Regional	***	***	***	Binned	***	Binned	Binned
R080-16	Nth C & Wide Bay/Burn.	Outer Regional	***	***	***	Binned	***	Binned	Binned
R080-17	Nth C & Wide Bay/Burn.	Outer Regional	***	***	***	Binned	***	Binned	Binned
R080-18	Metropolitan	Major Cities	***	***	***	Binned	***	Binned	Binned
R080-19	Nth C & Wide Bay/Burn.	Inner Regional	-	-	-	-	-	-	Binned
R080-20	Nth C & Wide Bay/Burn.	Major Cities	-	-	-	-	-	-	Binned

Table A.6 Urban 100 km/h site details

Site ID	Region	Remoteness	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)
U100-01	Nth C & Wide Bay/Burn.	Inner Regional	Binned	***	Binned	Binned	Binned	Binned	Binned
U100-02	South Coast	Major Cities	***	***	***	Binned	***	***	Binned
U100-03	Nth C & Wide Bay/Burn.	Major Cities	-	-	-	-	-	-	Binned
U100-04	Nth C & Wide Bay/Burn.	Major Cities	-	-	-	-	-	-	Binned
U100-05	Nth C & Wide Bay/Burn.	Inner Regional	-	-	-	-	-	-	Binned
U100-06	Nth C & Wide Bay/Burn.	Major Cities	-	-	-	-	-	-	Binned
U100-07	Nth C & Wide Bay/Burn.	Major Cities	-	-	-	-	-	-	Binned
U100-08	Metropolitan	Major Cities	-	-	-	-	-	-	Binned
U100-09	Metropolitan	Major Cities	-	-	-	-	-	-	Binned
U100-10	Northern	Outer Regional	-	-	-	-	-	-	Binned

Table A.7 Rural 100 km/h site details

Site ID	Region	Remoteness	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)
R100-01	South Coast	Inner Regional	***	Binned	Binned	Binned	***	***	Binned
R100-02	South Coast	Inner Regional	Binned	Binned	Binned	Binned	***	***	Binned
R100-03	South Coast	Inner Regional	Binned	Binned	Binned	Binned	***	Binned	Binned
R100-04	South Coast	Inner Regional	Binned	Binned	***	Binned	***	***	Binned
R100-05	Nth C & Wide Bay/Burn.	Inner Regional	***	***	Binned	Binned	***	***	Binned
R100-06	Downs South West	Outer Regional	Binned	Binned	***	Binned	Binned	Binned	Binned
R100-07	Downs South West	Very Remote	Binned	Binned	Binned	Binned	***	***	Binned
R100-08	Downs South West	Very Remote	Binned	Binned	Binned	Binned	***	Binned	Binned
R100-09	Downs South West	Very Remote	Binned	Binned	Binned	Binned	***	Binned	Binned
R100-10	Downs South West	Outer Regional	Binned	Binned	Binned	Binned	***	Binned	Binned
R100-11	Downs South West	Outer Regional	Binned	Binned	Binned	Binned	***	***	Binned
R100-12	Downs South West	Outer Regional	Binned	Binned	Binned	Binned	***	***	Binned
R100-13	Downs South West	Outer Regional	Binned	***	Binned	Binned	***	Binned	Binned
R100-14	Downs South West	Remote	Binned	Binned	Binned	Binned	***	Binned	Binned
R100-15	Downs South West	Outer Regional	***	Binned	Binned	Binned	Binned	Binned	Binned
R100-16	Downs South West	Remote	Binned	Binned	Binned	Binned	***	***	Binned
R100-17	Downs South West	Inner Regional	Binned	Binned	Binned	Binned	***	***	***
R100-18	Downs South West	Remote	***	Binned	Binned	Binned	Binned	Binned	Binned
R100-19	Downs South West	Remote	Binned	Binned	Binned	Binned	***	***	Binned
R100-20	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-21	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	***	Binned
R100-22	Central Qld	Very Remote	Binned	Binned	Binned	Binned	***	Binned	Binned
R100-23	Central Qld	Very Remote	Binned	Binned	Binned	Binned	***	***	Binned
R100-24	Central Qld	Very Remote	Binned	Binned	Binned	Binned	***	Binned	Binned
R100-25	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-26	Central Qld	Very Remote	Binned	Binned	Binned	Binned	***	Binned	***
R100-27	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	***
R100-28	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-29	Central Qld	Very Remote	Binned	Binned	Binned	Binned	***	***	***
R100-30	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-31	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	***
R100-32	Central Qld	Very Remote	Binned	***	Binned	Binned	Binned	Binned	Binned
R100-33	Central Qld	Very Remote	***	***	Binned	Binned	Binned	Binned	***
R100-34	Central Qld	Very Remote	***	Binned	Binned	Binned	Binned	Binned	Binned
R100-35	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-36	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	***
R100-37	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-38	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned

Site ID	Region	Remoteness	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)
R100-39	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-40	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-41	Central Qld	Very Remote	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-42	Central Qld	Outer Regional	Binned	Binned	***	Binned	Binned	Binned	Binned
R100-43	Central Qld	Outer Regional	Binned	Binned	***	Binned	Binned	Binned	***
R100-44	Central Qld	Outer Regional	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-45	Central Qld	Outer Regional	***	Binned	Binned	Binned	Binned	Binned	Binned
R100-46	Central Qld	Outer Regional	***	Binned	Binned	Binned	***	***	Binned
R100-47	Central Qld	Remote	***	***	***	Binned	Binned	***	Binned
R100-48	North Qld	Outer Regional	***	Binned	Binned	Binned	***	***	Binned
R100-49	North Qld	Outer Regional	Binned	Binned	Binned	Binned	***	***	***
R100-50	Nth C & Wide Bay/Burn.	Inner Regional	Binned	Binned	Binned	Binned	Binned	***	Binned
R100-51	Nth C & Wide Bay/Burn.	Outer Regional	***	Binned	Binned	Binned	Binned	Binned	Binned
R100-52	Nth C & Wide Bay/Burn.	Outer Regional	Binned	***	Binned	Binned	Binned	Binned	Binned
R100-53	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	Binned	Binned	***	Binned	***
R100-54	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	***	Binned	Binned	Binned	***
R100-55	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	Binned	***	***	***	***
R100-56	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	Binned	Binned	Binned	Binned	Binned
R100-57	Nth C & Wide Bay/Burn.	Inner Regional	Binned	Binned	Binned	Binned	Binned	Binned	Binned
R100-58	Nth C & Wide Bay/Burn.	Inner Regional	***	Binned	Binned	Binned	***	***	***
R100-59	Nth C & Wide Bay/Burn.	Inner Regional	***	***	***	Binned	Binned	Binned	***
R100-60	Nth C & Wide Bay/Burn.	Inner Regional	***	***	Binned	Binned	Binned	***	Binned
R100-61	Downs South West	Inner Regional	Binned	***	***	Binned	Binned	Binned	Binned
R100-62	Downs South West	Inner Regional	***	***	***	Binned	Binned	Binned	Binned
R100-63	Downs South West	Outer Regional	Binned	***	***	Binned	Binned	Binned	Binned
R100-64	Downs South West	Outer Regional	Binned	***	***	Binned	Binned	Binned	Binned
R100-65	Downs South West	Outer Regional	Binned	***	***	Binned	***	***	Binned
R100-66	Downs South West	Inner Regional	Binned	***	***	Binned	Binned	Binned	Binned
R100-67	Downs South West	Outer Regional	***	***	***	Binned	Binned	Binned	***
R100-68	Central Qld	Remote	***	***	***	Binned	Binned	***	Binned
R100-69	Central Qld	Remote	***	***	***	Binned	Binned	***	Binned
R100-70	Central Qld	Remote	***	***	***	Binned	Binned	***	Binned
R100-71	Downs South West	Outer Regional	Binned	***	Binned	Binned	***	Binned	Binned
R100-72	Central Qld	Remote	***	***	***	Binned	Binned	***	Binned
R100-73	Central Qld	Outer Regional	***	***	Binned	Binned	***	***	Binned
R100-74	North Qld	Outer Regional	***	***	Binned	Binned	Binned	***	Binned
R100-75	North Qld	Very Remote	Binned	***	Binned	Binned	Binned	***	Binned
R100-76	North Qld	Very Remote	Binned	***	Binned	Binned	Binned	Binned	Binned
R100-77	North Qld	Very Remote	Binned	***	Binned	Binned	Binned	Binned	Binned
R100-78	North Qld	Very Remote	Binned	***	Binned	Binned	Binned	Binned	Binned
R100-79	Nth C & Wide Bay/Burn.	Outer Regional	***	***	***	Binned	Binned	Binned	***
R100-80	Downs South West	Outer Regional	Binned	Binned	Binned	Binned	***	Binned	***

Appendix B - Detailed site results

As stated in Section 2.7, various speed statistics were calculated for each site for each survey. These data are presented in Tables B.1-B.70. The tables are first ordered by speed zone and site type (urban versus rural), and then within each of those groupings by speed measurement:

Speed zone and site type

- Urban 50 km/h sites
- Urban 60 km/h sites
- Rural 60 km/h sites
- Urban 80 km/h sites
- Rural 80 km/h sites
- Urban 100 km/h sites
- Rural 100 km/h sites

Speed measurement

- Mean speed
- Median speed
- 85th percentile speed
- Percentage at or below the speed limit
- Percentage above the speed limit
- Percentage up to 10km/h above the speed limit
- Percentage more than 10km/h above the speed limit
- Percentage up to 5 km/h above the speed limit
- Percentage more than 5 km/h but less then 10km/h above the speed limit
- Vehicle count

Data from each site is separated into the two directions of traffic flow. The last character of the Site ID indicates the direction of traffic flow (N = North, S = South, E = East, W = West, G = Gazetted direction, A = Against gazetted direction).

The summary results and significance rows are calculated as explained in Section 2.6. Underlined and highlighted cells indicate statistical significance at alpha level 0.05.

Table B.1 Urban 50 km/h site results for each site in each direction of travel - mean speed

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		54.773	55.085	54.324	54.542	56.399	54.168	53.708		0.312	-0.761	0.218	1.857	-2.230	-0.460
U050-01W		51.710	52.666	53.331	53.547	51.870	52.696	51.510		0.956	0.665	0.216	-1.677	0.826	-1.186
U050-02E	53.347	51.440	53.853	50.961	50.988	52.575	52.152	51.732	-1.907	2.413	-2.892	0.027	1.587	-0.423	-0.420
U050-02W	50.848	52.296	50.769	52.031	51.008	50.144	51.028	50.926	1.448	-1.527	1.262	-1.023	-0.864	0.884	-0.102
U050-03E	48.396	49.022	49.775	51.668	52.203	47.709	47.464	50.790	0.626	0.753	1.893	0.535	-4.494	-0.245	3.325
U050-03W	50.673	50.415	49.273	48.621	52.493	47.220	48.066	49.783	-0.258	-1.142	-0.652	3.872	-5.273	0.846	1.717
U050-04E	39.362	39.920	39.645	39.625	38.100	37.293	40.535	39.479	0.558	-0.275	-0.020	-1.525	-0.807	3.242	-1.057
U050-04W	39.914	39.995	38.089	38.571	38.036	36.929	39.206	38.533	0.081	-1.906	0.482	-0.535	-1.107	2.277	-0.673
U050-05N	46.318	46.585	45.768	47.016	43.981	44.332	42.427	44.417	0.267	-0.817	1.248	-3.035	0.351	-1.905	1.990
U050-05S	46.337	46.265	45.814	47.604	43.429	42.741	41.251	46.025	-0.072	-0.451	1.790	-4.175	-0.688	-1.491	4.775
U050-06E	31.295	30.378	30.155	29.642	30.212		35.948	28.455	-0.917	-0.223	-0.513	0.570			-7.492
U050-06W	25.283	26.330	27.145	26.504	25.244		34.939	22.761	1.047	0.815	-0.641	-1.260			-12.179
U050-07E	42.038	41.178	42.218	39.908	40.588	38.736	39.343	41.013	-0.860	1.040	-2.310	0.680	-1.852	0.607	1.671
U050-07W	45.629	45.800	44.563	45.957	46.897	43.452	44.690	45.498	0.171	-1.237	1.394	0.940	-3.445	1.238	0.808
U050-08N	47.417	46.748	46.679	46.359	46.433	45.734	42.882	44.253	-0.669	-0.069	-0.320	0.074	-0.699	-2.852	1.371
U050-08S	44.068	45.119	44.675	44.778	43.662	43.828	44.148	43.589	1.051	-0.444	0.103	-1.116	0.166	0.320	-0.559
U050-09E	45.015	44.881	44.693	45.977	47.251	47.125	48.165	45.413	-0.134	-0.188	1.284	1.274	-0.126	1.040	-2.751
U050-09W	48.371	47.871	48.220	49.353	48.850	52.561	53.086	48.161	-0.500	0.349	1.133	-0.503	3.711	0.525	-4.925
U050-10N	41.685	42.853	40.639	42.463	40.943	39.323	39.910	40.412	1.168	-2.214	1.824	-1.520	-1.620	0.588	0.501
U050-10S	43.693	43.878	42.485	42.511	42.553	40.837	40.820	41.913	0.185	-1.393	0.026	0.042	-1.716	-0.017	1.093
U050-11N	47.448	47.803	50.683	47.398	49.268	47.936	49.469		0.355	2.880	-3.285	1.870	-1.332	1.534	
U050-11S	47.259	46.439	48.880	46.031	47.681	47.000	47.988		-0.820	2.441	-2.849	1.650	-0.681	0.988	
U050-12N	42.773	40.109			40.855	42.624		41.431	-2.664				1.769		
U050-12S	43.634	41.940			42.489	44.562		42.427	-1.694				2.073		
U050-13E	53.870	50.196	49.841		52.102	48.216	50.686		-3.674	-0.355			-3.886	2.470	
U050-13W	48.315	46.861	48.578		49.483	45.251	46.830		-1.454	1.717			-4.232	1.579	
U050-14E	45.636	45.953	45.967	44.003	44.908	46.150	43.784		0.317	0.014	-1.964	0.905	1.242	-2.366	
U050-14W	45.241	44.559	45.081	43.782	43.962	46.136	43.664		-0.682	0.522	-1.299	0.180	2.174	-2.472	
U050-15N	59.233	64.008	63.451	63.986	64.058	61.908	64.849		4.775	-0.557	0.535	0.072	-2.150	2.941	
U050-15S	63.083	60.317	61.096	59.839	58.736	59.342	62.818		-2.766	0.779	-1.257	-1.103	0.606	3.476	
U050-16E	45.077	44.129	45.273	43.029	37.594	36.194	39.446		-0.948	1.144	-2.244	-5.435	-1.400	3.252	
U050-16W	43.389	44.062	45.082	43.969	39.743	38.117	37.674		0.673	1.020	-1.113	-4.226	-1.626	-0.443	
U050-17E	49.065	49.681	50.751	49.579	48.035	49.311	45.635	48.606	0.616	1.070	-1.172	-1.544	1.276	-3.676	2.971
U050-17W	49.279	49.924	48.146	46.743	46.713	47.338	45.506	48.007	0.645	-1.778	-1.403	-0.030	0.625	-1.832	2.501
U050-18E	42.567	42.327	43.635	42.484	42.399	41.676	44.733	39.135	-0.240	1.308	-1.151	-0.085	-0.723	3.057	-5.598
U050-18W	44.650	45.341	45.565	46.109	44.705	43.802	44.694	42.336	0.691	0.224	0.544	-1.404	-0.903	0.892	-2.358
U050-19N	46.507	47.802	47.578	46.562	49.869			49.686	1.295	-0.224	-1.016	3.307			
U050-19S	47.631	48.653	48.077	48.173	49.974			48.509	1.022	-0.576	0.096	1.801			
U050-20N	50.037	50.936	49.392	49.604	48.149	49.698	50.576	49.519	0.899	-1.544	0.212	-1.455	1.549	0.878	-1.057
U050-20S	49.141	50.532	49.656	49.365	49.039	51.195	52.549	49.737	1.391	-0.876	-0.291	-0.326	2.156	1.354	-2.812
Summary	**46.328**	**46.506**	**46.377**	**46.072**	**46.070**	**45.359**	**46.197**	**45.757**	**0.178**	**-0.129**	**-0.306**	**-0.002**	**-0.711**	**0.836**	**-0.440**
Significance									**0.842**	**0.952**	**0.226**	**0.454**	**0.180**	**0.134**	**0.602**

Table B.2 Urban 50 km/h site results for each site in each direction of travel - median speed

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		55.050	55.200	54.400	54.500	56.700	54.700	54.350		0.150	-0.800	0.100	2.200	-2.000	-0.350
U050-01W		52.000	52.900	53.500	53.700	52.000	52.800	51.515		0.900	0.600	0.200	-1.700	0.800	-1.285
U050-02E	53.900	52.400	54.900	51.700	52.300	53.600	53.300	52.440	-1.500	2.500	-3.200	0.600	1.300	-0.300	-0.860
U050-02W	51.250	52.700	51.200	52.300	51.300	50.700	52.100	51.340	1.450	-1.500	1.100	-1.000	-0.600	1.400	-0.760
U050-03E	48.600	49.200	50.300	52.100	52.300	48.900	49.000	50.770	0.600	1.100	1.800	0.200	-3.400	0.100	1.770
U050-03W	51.100	51.000	50.300	49.600	52.600	48.900	50.100	50.270	-0.100	-0.700	-0.700	3.000	-3.700	1.200	0.170
U050-04E	40.600	40.700	40.800	40.700	39.500	38.700	41.500	40.330	0.100	0.100	-0.100	-1.200	-0.800	2.800	-1.170
U050-04W	40.600	40.800	38.800	39.100	38.600	37.200	39.700	38.970	0.200	-2.000	0.300	-0.500	-1.400	2.500	-0.730
U050-05N	47.000	47.900	48.000	47.800	46.000	46.000	43.700	46.740	0.900	0.100	-0.200	-1.800	0.000	-2.300	3.040
U050-05S	47.000	47.000	46.900	48.200	44.900	44.150	42.400	47.400	0.000	-0.100	1.300	-3.300	-0.750	-1.750	5.000
U050-06E	29.400	28.400	28.800	28.100	29.100		35.100	28.340	-1.000	0.400	-0.700	1.000			-6.760
U050-06W	22.400	23.250	24.000	23.800	22.650		34.300	21.700	0.850	0.750	-0.200	-1.150			-12.600
U050-07E	43.800	43.600	43.700	41.700	41.900	40.500	41.100	42.510	-0.200	0.100	-2.000	0.200	-1.400	0.600	1.410
U050-07W	47.200	47.400	46.100	47.800	48.500	45.000	46.400	46.840	0.200	-1.300	1.700	0.700	-3.500	1.400	0.440
U050-08N	47.800	47.300	47.100	46.500	46.800	46.300	43.100	44.670	-0.500	-0.200	-0.600	0.300	-0.500	-3.200	1.570
U050-08S	44.000	45.000	44.600	44.900	43.800	44.200	44.600	43.900	1.000	-0.400	0.300	-1.100	0.400	0.400	-0.700
U050-09E	45.900	45.900	45.900	46.800	48.000	48.100	48.900	46.400	0.000	0.000	0.900	1.200	0.100	0.800	-2.500
U050-09W	48.900	48.700	48.900	49.700	49.100	53.100	53.600	48.610	-0.200	0.200	0.800	-0.600	4.000	0.500	-4.990
U050-10N	42.200	43.200	40.700	43.100	41.000	39.500	39.800	40.220	1.000	-2.500	2.400	-2.100	-1.500	0.300	0.420
U050-10S	44.200	44.800	43.400	43.500	43.400	41.900	41.400	41.840	0.600	-1.400	0.100	-0.100	-1.500	-0.500	0.440
U050-11N	48.400	48.400	51.250	48.600	50.400	49.400	51.400		0.000	2.850	-2.650	1.800	-1.000	2.000	
U050-11S	47.600	46.900	49.700	47.000	48.700	48.000	49.400		-0.700	2.800	-2.700	1.700	-0.700	1.400	
U050-12N	42.200	40.600			40.800	42.700		41.495	-1.600				1.900		
U050-12S	43.550	42.200			42.200	45.200		42.450	-1.350				3.000		
U050-13E	56.300	54.500	53.000		54.300	50.900	53.150		-1.800	-1.500			-3.400	2.250	
U050-13W	49.800	51.700	51.350		51.300	48.550	48.500		1.900	-0.350			-2.750	-0.050	
U050-14E	45.600	46.000	46.000	44.500	45.000	46.200	43.900		0.400	0.000	-1.500	0.500	1.200	-2.300	
U050-14W	45.200	44.800	45.200	44.100	44.100	46.600	43.800		-0.400	0.400	-1.100	0.000	2.500	-2.800	
U050-15N	59.500	64.500	63.400	63.800	64.500	62.600	64.500		5.000	-1.100	0.400	0.700	-1.900	1.900	
U050-15S	63.100	60.900	61.000	59.800	59.400	59.800	63.050		-2.200	0.100	-1.200	-0.400	0.400	3.250	
U050-16E	45.400	45.000	45.500	43.800	39.200	38.000	40.400		-0.400	0.500	-1.700	-4.600	-1.200	2.400	
U050-16W	43.400	44.600	45.200	44.100	41.000	39.100	39.800		1.200	0.600	-1.100	-3.100	-1.900	0.700	
U050-17E	49.800	50.500	51.800	50.200	48.900	50.230	46.100	48.940	0.700	1.300	-1.600	-1.300	1.330	-4.130	2.840
U050-17W	50.500	51.400	49.500	47.850	48.000	48.350	46.300	49.220	0.900	-1.900	-1.650	0.150	0.350	-2.050	2.920
U050-18E	41.600	41.200	42.600	42.300	42.000	39.435	45.600	36.365	-0.400	1.400	-0.300	-0.300	-2.565	6.165	-9.235
U050-18W	44.600	45.000	45.300	46.100	44.400	42.485	44.800	41.100	0.400	0.300	0.800	-1.700	-1.915	2.315	-3.700
U050-19N	48.400	49.700	49.600	48.300	50.900			50.240	1.300	-0.100	-1.300	2.600			
U050-19S	48.600	49.500	49.100	49.900	50.700			49.480	0.900	-0.400	0.800	0.800			
U050-20N	50.900	51.700	50.700	51.000	49.400	50.100	52.000	50.240	0.800	-1.000	0.300	-1.600	0.700	1.900	-1.760
U050-20S	50.200	51.400	50.600	50.400	50.200	51.750	53.900	50.530	1.200	-0.800	-0.200	-0.200	1.550	2.150	-3.370
Summary	**47.100**	**47.300**	**47.350**	**47.150**	**47.100**	**46.375**	**47.125**	**46.410**	**0.200**	**0.050**	**-0.200**	**-0.050**	**-0.725**	**0.750**	**-0.715**
Significance									**0.238**	**0.842**	**0.208**	**0.378**	**0.118**	**0.134**	**0.246**

Table B.3 Urban 50 km/h site results for each site in each direction of travel - 85th percentile speed

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		63.200	63.300	62.300	61.800	64.000	62.100	61.546		0.100	-1.000	-0.500	2.200	-1.900	-0.554
U050-01W		58.900	59.500	60.760	60.800	58.700	60.000	58.427		0.600	1.260	0.040	-2.100	1.300	-1.574
U050-02E	63.300	60.700	63.700	60.900	60.900	62.000	62.000	60.033	-2.600	3.000	-2.800	0.000	1.100	0.000	-1.968
U050-02W	59.100	60.860	59.105	60.830	59.500	58.200	59.700	58.480	1.760	-1.755	1.725	-1.330	-1.300	1.500	-1.220
U050-03E	54.300	55.200	56.900	58.800	58.900	55.500	55.540	57.350	0.900	1.700	1.900	0.100	-3.400	0.040	1.810
U050-03W	57.300	57.200	56.600	55.600	59.500	55.300	56.700	56.510	-0.100	-0.600	-1.000	3.900	-4.200	1.400	-0.190
U050-04E	49.200	49.200	50.300	49.420	48.000	47.895	52.255	48.847	0.000	1.100	-0.880	-1.420	-0.105	4.360	-3.408
U050-04W	50.500	49.300	47.300	48.000	48.400	46.700	48.930	47.139	-1.200	-2.000	0.700	0.400	-1.700	2.230	-1.791
U050-05N	56.390	56.900	55.500	56.965	54.600	54.795	52.300	55.000	0.510	-1.400	1.465	-2.365	0.195	-2.495	2.700
U050-05S	57.305	55.600	55.530	57.430	53.000	52.865	50.900	55.814	-1.705	-0.070	1.900	-4.430	-0.135	-1.965	4.914
U050-06E	42.495	41.600	39.800	40.245	41.000		51.100	35.263	-0.895	-1.800	0.445	0.755			-15.838
U050-06W	38.300	39.100	40.900	40.500	37.800		50.400	29.162	0.800	1.800	-0.400	-2.700			-21.238
U050-07E	53.200	54.000	54.500	52.300	52.100	48.720	50.200	52.020	0.800	0.500	-2.200	-0.200	-3.380	1.480	1.820
U050-07W	56.200	57.000	55.000	57.300	58.000	53.100	54.900	54.759	0.800	-2.000	2.300	0.700	-4.900	1.800	-0.142
U050-08N	54.500	54.300	53.900	53.500	53.600	53.000	50.300	51.490	-0.200	-0.400	-0.400	0.100	-0.600	-2.700	1.190
U050-08S	52.085	53.765	52.700	52.600	51.800	51.400	51.900	51.250	1.680	-1.065	-0.100	-0.800	-0.400	0.500	-0.650
U050-09E	53.300	53.800	53.200	54.700	55.700	56.100	56.600	53.134	0.500	-0.600	1.500	1.000	0.400	0.500	-3.466
U050-09W	56.600	56.000	56.400	57.370	56.500	60.400	61.500	55.604	-0.600	0.400	0.970	-0.870	3.900	1.100	-5.896
U050-10N	50.465	51.100	49.355	51.300	49.600	47.900	48.100	48.734	0.635	-1.745	1.945	-1.700	-1.700	0.200	0.634
U050-10S	51.800	51.720	50.400	49.800	49.775	48.500	49.060	49.220	-0.080	-1.320	-0.600	-0.025	-1.275	0.560	0.160
U050-11N	58.300	59.300	61.400	58.200	60.085	56.700	58.700		1.000	2.100	-3.200	1.885	-3.385	2.000	
U050-11S	58.000	57.900	59.000	58.000	58.200	57.400	58.500		-0.100	1.100	-1.000	0.200	-0.800	1.100	
U050-12N	51.300	48.600			49.300	49.700		49.367	-2.700				0.400		
U050-12S	53.100	51.800			51.700	51.500		52.100	-1.300				-0.200		
U050-13E	67.900	66.065	62.180		63.945	60.580	62.670		-1.835	-3.885			-3.365	2.090	
U050-13W	60.180	62.900	63.000		62.700	59.100	60.510		2.720	0.100			-3.600	1.410	
U050-14E	51.700	52.100	52.100	50.900	50.300	51.500	49.000		0.400	0.000	-1.200	-0.600	1.200	-2.500	
U050-14W	51.900	50.900	51.400	50.600	50.100	51.900	49.600		-1.000	0.500	-0.800	-0.500	1.800	-2.300	
U050-15N	68.900	75.000	73.225	75.300	74.230	71.500	74.800		6.100	-1.775	2.075	-1.070	-2.730	3.300	
U050-15S	74.000	70.800	71.600	70.300	68.100	69.400	73.100		-3.200	0.800	-1.300	-2.200	1.300	3.700	
U050-16E	53.600	53.685	53.575	51.840	48.665	47.900	48.900		0.085	-0.110	-1.735	-3.175	-0.765	1.000	
U050-16W	51.900	53.895	54.660	53.730	49.900	48.235	48.400		1.995	0.765	-0.930	-3.830	-1.665	0.165	
U050-17E	56.400	57.300	59.000	57.525	55.500	56.738	52.165	55.376	0.900	1.700	-1.475	-2.025	1.238	-4.573	3.211
U050-17W	57.600	58.600	56.800	55.400	55.635	55.990	53.200	56.083	1.000	-1.800	-1.400	0.235	0.355	-2.790	2.883
U050-18E	54.985	54.025	55.800	54.400	54.600	54.718	55.300	52.320	-0.960	1.775	-1.400	0.200	0.118	0.583	-2.981
U050-18W	55.715	55.650	57.500	58.000	55.700	55.978	55.600	55.316	-0.065	1.850	0.500	-2.300	0.278	-0.378	-0.285
U050-19N	58.000	59.000	58.400	57.100	59.410			57.842	1.000	-0.600	-1.300	2.310			
U050-19S	58.100	58.600	57.700	59.100	58.685			56.961	0.500	-0.900	1.400	-0.415			
U050-20N	59.400	60.300	59.200	59.500	57.600	57.690	59.680	57.860	0.900	-1.100	0.300	-1.900	0.090	1.990	-1.820
U050-20S	57.700	59.400	58.100	58.300	57.500	59.270	61.800	57.718	1.700	-1.300	0.200	-0.800	1.770	2.530	-4.082
Summary	**55.958**	**56.408**	**56.318**	**55.918**	**55.418**	**55.118**	**55.909**	**55.307**	**0.450**	**-0.090**	**-0.400**	**-0.500**	**-0.300**	**0.792**	**-0.602**
Significance									**0.454**	**0.496**	**0.756**	**0.020**	**0.080**	**0.184**	**0.134**

Table B.4 Urban 50 km/h site results for each site in each direction of travel - per cent at or below speed limit

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		25.387	24.173	27.167	25.000	20.102	27.663	29.634		-1.214	2.994	-2.167	-4.898	7.561	1.971
U050-01W		38.140	33.840	30.841	30.176	36.937	33.944	40.499		-4.300	-2.999	-0.665	6.761	-2.993	6.555
U050-02E	33.401	38.743	31.093	42.035	41.194	33.580	35.685	36.530	5.342	-7.650	10.942	-0.841	-7.614	2.105	0.845
U050-02W	43.566	35.984	44.344	39.652	42.978	45.750	39.769	41.472	-7.582	8.360	-4.692	3.326	2.772	-5.981	1.703
U050-03E	61.161	56.087	48.697	37.375	35.333	57.119	56.633	44.449	-5.074	-7.390	-11.322	-2.042	21.786	-0.486	-12.184
U050-03W	43.083	43.808	48.299	52.846	33.375	57.730	49.814	48.465	0.725	4.491	4.547	-19.471	24.355	-7.916	-1.349
U050-04E	86.898	86.722	84.448	86.557	89.948	90.935	79.725	89.122	-0.176	-2.274	2.109	3.391	0.987	-11.210	9.397
U050-04W	83.841	86.772	90.999	90.047	88.665	91.588	87.370	90.977	2.931	4.227	-0.952	-1.382	2.923	-4.218	3.607
U050-05N	62.623	59.586	60.096	58.991	67.358	68.321	77.485	65.407	-3.037	0.510	-1.105	8.367	0.963	9.164	-12.078
U050-05S	64.363	65.347	64.889	58.192	74.048	77.190	82.537	61.423	0.984	-0.458	-6.697	15.856	3.142	5.347	-21.114
U050-06E	94.908	95.407	97.460	96.761	96.478		82.231	99.616	0.499	2.053	-0.699	-0.283			17.385
U050-06W	98.600	97.778	97.447	98.260	98.997		84.041	99.765	-0.822	-0.331	0.813	0.737			15.724
U050-07E	76.009	72.146	72.396	77.592	79.064	88.616	84.458	80.184	-3.863	0.250	5.196	1.472	9.552	-4.158	-4.274
U050-07W	61.482	60.282	66.342	59.862	56.903	73.174	66.225	65.171	-1.200	6.060	-6.480	-2.959	16.271	-6.949	-1.054
U050-08N	64.103	66.287	68.329	70.424	68.830	72.397	83.762	79.394	2.184	2.042	2.095	-1.594	3.567	11.365	-4.368
U050-08S	79.060	74.605	76.260	75.556	79.432	80.625	77.391	80.701	-4.455	1.655	-0.704	3.876	1.193	-3.234	3.310
U050-09E	72.301	70.221	73.675	66.637	60.836	60.078	56.396	70.935	-2.080	3.454	-7.038	-5.801	-0.758	-3.682	14.539
U050-09W	55.531	57.486	55.825	52.079	55.559	34.054	31.060	57.933	1.955	-1.661	-3.746	3.480	-21.505	-2.994	26.873
U050-10N	83.765	81.587	86.062	81.436	86.496	89.886	88.578	88.216	-2.178	4.475	-4.626	5.060	3.390	-1.308	-0.362
U050-10S	79.103	78.316	83.755	86.042	86.402	89.701	88.164	86.850	-0.787	5.439	2.287	0.360	3.299	-1.537	-1.314
U050-11N	55.476	54.483	45.514	55.771	48.980	53.476	43.322		-0.993	-8.969	10.257	-6.791	4.496	-10.154	
U050-11S	59.153	60.304	51.823	61.224	56.310	57.535	52.347		1.151	-8.481	9.401	-4.914	1.225	-5.188	
U050-12N	81.504	88.330			86.819	85.807		86.749	6.826				-1.012		
U050-12S	75.437	79.721			80.619	79.105		79.532	4.284				-1.514		
U050-13E	32.438	40.196	40.312		34.247	46.374	39.299		7.758	0.116			12.127	-7.075	
U050-13W	50.856	45.278	46.535		43.581	55.615	54.567		-5.578	1.257			12.034	-1.048	
U050-14E	78.058	75.489	75.882	81.821	84.005	77.758	88.989		-2.569	0.393	5.939	2.184	-6.247	11.231	
U050-14W	77.464	81.824	79.021	83.084	84.893	75.820	86.921		4.360	-2.803	4.063	1.809	-9.073	11.101	
U050-15N	16.854	10.215	9.183	9.990	7.845	11.550	6.537		-6.639	-1.032	0.807	-2.145	3.705	-5.013	
U050-15S	11.914	15.068	11.728	13.282	14.934	15.850	10.705		3.154	-3.340	1.554	1.652	0.916	-5.145	
U050-16E	73.038	73.392	70.890	78.728	88.941	91.551	88.325		0.354	-2.502	7.838	10.213	2.610	-3.226	
U050-16W	78.974	73.276	70.468	72.229	85.386	88.860	88.901		-5.698	-2.808	1.761	13.157	3.474	0.041	
U050-17E	51.337	47.135	39.449	48.971	57.571	48.897	75.768	57.713	-4.202	-7.686	9.522	8.600	-8.674	26.871	-18.055
U050-17W	48.242	42.287	53.745	61.981	60.449	59.667	72.558	54.581	-5.955	11.458	8.236	-1.532	-0.782	12.891	-17.977
U050-18E	75.127	76.401	71.926	73.902	71.390	75.346	66.717	79.158	1.274	-4.475	1.976	-2.512	3.956	-8.629	12.441
U050-18W	70.000	69.220	67.039	64.343	68.896	71.257	68.257	71.203	-0.780	-2.181	-2.696	4.553	2.361	-3.000	2.946
U050-19N	56.312	51.388	51.645	57.098	46.615			48.440	-4.924	0.257	5.453	-10.483			
U050-19S	56.119	51.920	54.541	50.490	46.618			52.227	-4.199	2.621	-4.051	-3.872			
U050-20N	45.546	41.287	46.796	46.044	52.770	49.643	39.965	48.809	-4.259	5.509	-0.752	6.726	-3.127	-9.678	8.844
U050-20S	49.517	43.857	46.990	48.049	49.031	40.124	33.193	46.797	-5.660	3.133	1.059	0.982	-8.907	-6.931	13.604
Summary	**63.363**	**62.456**	**62.639**	**63.945**	**64.494**	**66.979**	**63.866**	**65.703**	**-0.908**	**0.183**	**1.307**	**0.549**	**2.486**	**-3.113**	**1.837**
Significance									**0.112**	**0.992**	**0.214**	**0.442**	**0.084**	**0.272**	**0.378**

Table B.5 Urban 50 km/h site results for each site in each direction of travel - per cent above speed limit

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		74.613	75.827	72.833	75.000	79.898	72.337	70.366		1.214	-2.994	2.167	4.898	-7.561	-1.971
U050-01W		61.860	66.160	69.159	69.824	63.063	66.056	59.501		4.300	2.999	0.665	-6.761	2.993	-6.555
U050-02E	66.599	61.257	68.907	57.965	58.806	66.420	64.315	63.470	-5.342	7.650	-10.942	0.841	7.614	-2.105	-0.845
U050-02W	56.434	64.016	55.656	60.348	57.022	54.250	60.231	58.528	7.582	-8.360	4.692	-3.326	-2.772	5.981	-1.703
U050-03E	38.839	43.913	51.303	62.625	64.667	42.881	43.367	55.551	5.074	7.390	11.322	2.042	-21.786	0.486	12.184
U050-03W	56.917	56.192	51.701	47.154	66.625	42.270	50.186	51.535	-0.725	-4.491	-4.547	19.471	-24.355	7.916	1.349
U050-04E	13.102	13.278	15.552	13.443	10.052	9.065	20.275	10.878	0.176	2.274	-2.109	-3.391	-0.987	11.210	-9.397
U050-04W	16.159	13.228	9.001	9.953	11.335	8.412	12.630	9.023	-2.931	-4.227	0.952	1.382	-2.923	4.218	-3.607
U050-05N	37.377	40.414	39.904	41.009	32.642	31.679	22.515	34.593	3.037	-0.510	1.105	-8.367	-0.963	-9.164	12.078
U050-05S	35.637	34.653	35.111	41.808	25.952	22.810	17.463	38.577	-0.984	0.458	6.697	-15.856	-3.142	-5.347	21.114
U050-06E	5.092	4.593	2.540	3.239	3.522		17.769	0.384	-0.499	-2.053	0.699	0.283			-17.385
U050-06W	1.400	2.222	2.553	1.740	1.003		15.959	0.235	0.822	0.331	-0.813	-0.737			-15.724
U050-07E	23.991	27.854	27.604	22.408	20.936	11.384	15.542	19.816	3.863	-0.250	-5.196	-1.472	-9.552	4.158	4.274
U050-07W	38.518	39.718	33.658	40.138	43.097	26.826	33.775	34.829	1.200	-6.060	6.480	2.959	-16.271	6.949	1.054
U050-08N	35.897	33.713	31.671	29.576	31.170	27.603	16.238	20.606	-2.184	-2.042	-2.095	1.594	-3.567	-11.365	4.368
U050-08S	20.940	25.395	23.740	24.444	20.568	19.375	22.609	19.299	4.455	-1.655	0.704	-3.876	-1.193	3.234	-3.310
U050-09E	27.699	29.779	26.325	33.363	39.164	39.922	43.604	29.065	2.080	-3.454	7.038	5.801	0.758	3.682	-14.539
U050-09W	44.469	42.514	44.175	47.921	44.441	65.946	68.940	42.067	-1.955	1.661	3.746	-3.480	21.505	2.994	-26.873
U050-10N	16.235	18.413	13.938	18.564	13.504	10.114	11.422	11.784	2.178	-4.475	4.626	-5.060	-3.390	1.308	0.362
U050-10S	20.897	21.684	16.245	13.958	13.598	10.299	11.836	13.150	0.787	-5.439	-2.287	-0.360	-3.299	1.537	1.314
U050-11N	44.524	45.517	54.486	44.229	51.020	46.524	56.678		0.993	8.969	-10.257	6.791	-4.496	10.154	
U050-11S	40.847	39.696	48.177	38.776	43.690	42.465	47.653		-1.151	8.481	-9.401	4.914	-1.225	5.188	
U050-12N	18.496	11.670			13.181	14.193		13.251	-6.826				1.012		
U050-12S	24.563	20.279			19.381	20.895		20.468	-4.284				1.514		
U050-13E	67.562	59.804	59.688		65.753	53.626	60.701		-7.758	-0.116			-12.127	7.075	
U050-13W	49.144	54.722	53.465		56.419	44.385	45.433		5.578	-1.257			-12.034	1.048	
U050-14E	21.942	24.511	24.118	18.179	15.995	22.242	11.011		2.569	-0.393	-5.939	-2.184	6.247	-11.231	
U050-14W	22.536	18.176	20.979	16.916	15.107	24.180	13.079		-4.360	2.803	-4.063	-1.809	9.073	-11.101	
U050-15N	83.146	89.785	90.817	90.010	92.155	88.450	93.463		6.639	1.032	-0.807	2.145	-3.705	5.013	
U050-15S	88.086	84.932	88.272	86.718	85.066	84.150	89.295		-3.154	3.340	-1.554	-1.652	-0.916	5.145	
U050-16E	26.962	26.608	29.110	21.272	11.059	8.449	11.675		-0.354	2.502	-7.838	-10.213	-2.610	3.226	
U050-16W	21.026	26.724	29.532	27.771	14.614	11.140	11.099		5.698	2.808	-1.761	-13.157	-3.474	-0.041	
U050-17E	48.663	52.865	60.551	51.029	42.429	51.103	24.232	42.287	4.202	7.686	-9.522	-8.600	8.674	-26.871	18.055
U050-17W	51.758	57.713	46.255	38.019	39.551	40.333	27.442	45.419	5.955	-11.458	-8.236	1.532	0.782	-12.891	17.977
U050-18E	24.873	23.599	28.074	26.098	28.610	24.654	33.283	20.842	-1.274	4.475	-1.976	2.512	-3.956	8.629	-12.441
U050-18W	30.000	30.780	32.961	35.657	31.104	28.743	31.743	28.797	0.780	2.181	2.696	-4.553	-2.361	3.000	-2.946
U050-19N	43.688	48.612	48.355	42.902	53.385			51.560	4.924	-0.257	-5.453	10.483			
U050-19S	43.881	48.080	45.459	49.510	53.382			47.773	4.199	-2.621	4.051	3.872			
U050-20N	54.454	58.713	53.204	53.956	47.230	50.357	60.035	51.191	4.259	-5.509	0.752	-6.726	3.127	9.678	-8.844
U050-20S	50.483	56.143	53.010	51.951	50.969	59.876	66.807	53.203	5.660	-3.133	-1.059	-0.982	8.907	6.931	-13.604
Summary	**36.637**	**37.545**	**37.362**	**36.055**	**35.507**	**33.021**	**36.134**	**34.297**	**0.908**	**-0.183**	**-1.307**	**-0.549**	**-2.486**	**3.113**	**-1.837**
Significance									**0.112**	**0.992**	**0.214**	**0.442**	**0.084**	**0.272**	**0.378**

Table B.6 Urban 50 km/h site results for each site in each direction of travel – per cent up to 10 km/h above speed limit

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		48.927	48.995	49.741	53.649	47.999	50.143	48.476		0.068	0.746	3.908	-5.650	2.144	-1.667
U050-01W		50.724	52.883	51.785	52.114	51.939	51.242	49.267		2.159	-1.098	0.329	-0.175	-0.697	-1.975
U050-02E	40.418	44.478	41.480	40.140	41.120	46.305	44.030	48.378	4.060	-2.998	-1.340	0.980	5.185	-2.275	4.348
U050-02W	44.111	46.392	43.383	42.549	43.035	43.559	46.647	48.598	2.281	-3.009	-0.834	0.486	0.524	3.088	1.951
U050-03E	36.479	40.484	45.289	51.406	53.023	38.855	39.170	48.280	4.005	4.805	6.117	1.617	-14.168	0.315	9.110
U050-03W	49.747	48.849	45.775	42.990	53.380	38.387	43.914	45.340	-0.898	-3.074	-2.785	10.390	-14.993	5.527	1.426
U050-04E	11.586	12.116	13.653	11.709	9.528	8.683	17.010	8.779	0.530	1.537	-1.944	-2.181	-0.845	8.327	-8.231
U050-04W	14.472	11.601	8.191	9.057	10.164	7.405	10.599	7.920	-2.871	-3.410	0.866	1.107	-2.759	3.194	-2.679
U050-05N	29.836	31.953	34.615	33.394	27.979	27.617	18.908	29.663	2.117	2.662	-1.221	-5.415	-0.362	-8.709	10.755
U050-05S	26.212	27.633	29.122	32.930	21.612	20.083	15.725	32.507	1.421	1.489	3.808	-11.318	-1.529	-4.358	16.782
U050-06E	4.348	4.265	2.485	3.062	3.216		15.635	0.384	-0.083	-1.780	0.577	0.154			-15.251
U050-06W	1.400	2.222	2.128	1.638	1.003		14.924	0.176	0.822	-0.094	-0.490	-0.635			-14.748
U050-07E	20.889	23.744	23.067	19.297	18.165	10.566	14.551	17.346	2.855	-0.677	-3.770	-1.132	-7.599	3.985	2.795
U050-07W	31.393	32.259	29.805	31.632	33.434	24.430	29.022	31.400	0.866	-2.454	1.827	1.802	-9.004	4.592	2.378
U050-08N	31.100	29.483	28.227	26.442	27.700	24.546	14.230	18.819	-1.617	-1.256	-1.785	1.258	-3.154	-10.316	4.589
U050-08S	17.219	20.191	19.880	20.631	17.236	17.264	20.973	17.928	2.972	-0.311	0.751	-3.395	0.028	3.709	-3.045
U050-09E	24.208	26.572	23.376	28.444	34.038	33.522	36.208	25.395	2.364	-3.196	5.068	5.594	-0.516	2.686	-10.813
U050-09W	37.563	36.107	37.065	39.897	37.018	49.966	48.743	35.739	-1.456	0.958	2.832	-2.879	12.948	-1.223	-13.004
U050-10N	14.000	15.972	11.836	15.590	12.456	9.773	10.560	11.351	1.972	-4.136	3.754	-3.134	-2.683	0.787	0.791
U050-10S	19.694	20.039	15.190	13.384	12.448	10.078	10.832	12.513	0.345	-4.849	-1.806	-0.936	-2.370	0.754	1.681
U050-11N	33.847	32.092	35.280	33.950	35.983	39.608	45.832		-1.755	3.188	-1.330	2.033	3.625	6.224	
U050-11S	29.896	29.599	35.299	27.943	32.987	33.802	36.855		-0.297	5.700	-7.356	5.044	0.815	3.053	
U050-12N	15.829	10.456			11.483	13.361		11.304	-5.373				1.878		
U050-12S	21.066	17.902			17.176	20.013		17.505	-3.164				2.837		
U050-13E	30.134	29.020	38.085		40.183	37.582	37.085		-1.114	9.065			-2.601	-0.497	
U050-13W	33.741	32.203	31.931		34.459	31.551	29.040		-1.538	-0.272			-2.908	-2.511	
U050-14E	20.699	23.028	22.507	17.126	14.997	21.128	10.592		2.329	-0.521	-5.381	-2.129	6.131	-10.536	
U050-14W	20.987	17.034	19.549	15.651	14.117	22.666	12.337		-3.953	2.515	-3.898	-1.534	8.549	-10.329	
U050-15N	35.019	22.258	26.316	25.569	24.844	26.683	23.263		-12.761	4.058	-0.747	-0.725	1.839	-3.420	
U050-15S	26.739	30.993	33.580	38.076	38.185	34.923	26.282		4.254	2.587	4.496	0.109	-3.262	-8.641	
U050-16E	23.541	23.725	25.228	18.960	9.765	7.692	10.849		0.184	1.503	-6.268	-9.195	-2.073	3.157	
U050-16W	17.606	21.767	24.743	23.242	13.003	10.492	10.544		4.161	2.976	-1.501	-10.239	-2.511	0.052	
U050-17E	42.398	45.629	48.856	42.359	37.449	44.485	22.988	38.665	3.231	3.227	-6.497	-4.910	7.036	-21.497	15.677
U050-17W	43.319	46.576	38.919	33.689	33.514	34.650	24.907	40.126	3.257	-7.657	-5.230	-0.175	1.136	-9.743	15.219
U050-18E	18.359	18.987	20.340	21.878	22.780	18.253	27.066	18.211	0.628	1.353	1.538	0.902	-4.527	8.813	-8.855
U050-18W	22.329	22.247	22.456	24.328	24.174	21.108	25.316	21.598	-0.082	0.209	1.872	-0.154	-3.066	4.208	-3.718
U050-19N	34.068	36.441	38.217	35.032	40.373			43.076	2.373	1.776	-3.185	5.341			
U050-19S	33.923	36.737	36.107	37.210	41.831			40.541	2.814	-0.630	1.103	4.621			
U050-20N	41.343	42.967	41.229	40.991	38.724	42.273	46.109	41.927	1.624	-1.738	-0.238	-2.267	3.549	3.836	-4.182
U050-20S	41.392	42.725	43.587	41.792	42.784	46.824	45.115	44.596	1.333	0.862	-1.795	0.992	4.040	-1.709	-0.519
Summary	**28.288**	**29.132**	**29.270**	**28.304**	**28.282**	**27.601**	**28.136**	**28.272**	**0.844**	**0.139**	**-0.966**	**-0.023**	**-0.681**	**0.535**	**0.136**
Significance									**0.090**	**0.660**	**0.204**	**0.690**	**0.430**	**0.992**	**0.968**

Table B.7 Urban 50 km/h site results for each site in each direction of travel - per cent more than 10 km/h above speed limit

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		25.685	26.832	23.092	21.351	31.899	22.194	21.890		1.147	-3.740	-1.741	10.548	-9.705	-0.304
U050-01W		11.136	13.277	17.374	17.711	11.124	14.814	10.235		2.141	4.097	0.337	-6.587	3.690	-4.579
U050-02E	26.181	16.779	27.427	17.825	17.686	20.115	20.285	15.092	-9.402	10.648	-9.602	-0.139	2.429	0.170	-5.193
U050-02W	12.323	17.624	12.273	17.799	13.986	10.691	13.584	9.930	5.301	-5.351	5.526	-3.813	-3.295	2.893	-3.654
U050-03E	2.359	3.429	6.014	11.220	11.644	4.026	4.197	7.271	1.070	2.585	5.206	0.424	-7.618	0.171	3.074
U050-03W	7.170	7.343	5.926	4.164	13.244	3.883	6.272	6.194	0.173	-1.417	-1.762	9.080	-9.361	2.389	-0.078
U050-04E	1.515	1.162	1.899	1.735	0.524	0.382	3.265	2.099	-0.353	0.737	-0.164	-1.211	-0.142	2.883	-1.166
U050-04W	1.687	1.627	0.810	0.896	1.171	1.007	2.031	1.103	-0.060	-0.817	0.086	0.275	-0.164	1.024	-0.928
U050-05N	7.541	8.461	5.288	7.615	4.663	4.061	3.606	4.930	0.920	-3.173	2.327	-2.952	-0.602	-0.455	1.324
U050-05S	9.425	7.020	5.989	8.878	4.340	2.727	1.738	6.070	-2.405	-1.031	2.889	-4.538	-1.613	-0.989	4.332
U050-06E	0.744	0.328	0.055	0.177	0.306		2.134	0.000	-0.416	-0.273	0.122	0.129			-2.134
U050-06W	0.000	0.000	0.426	0.102	0.000		1.035	0.059	0.000	0.426	-0.324	-0.102			-0.976
U050-07E	3.101	4.110	4.537	3.111	2.771	0.817	0.991	2.470	1.009	0.427	-1.426	-0.340	-1.954	0.174	1.479
U050-07W	7.125	7.458	3.853	8.505	9.664	2.396	4.753	3.428	0.333	-3.605	4.652	1.159	-7.268	2.357	-1.325
U050-08N	4.797	4.230	3.444	3.134	3.469	3.057	2.008	1.787	-0.567	-0.786	-0.310	0.335	-0.412	-1.049	-0.221
U050-08S	3.721	5.204	3.861	3.813	3.332	2.110	1.636	1.370	1.483	-1.343	-0.048	-0.481	-1.222	-0.474	-0.266
U050-09E	3.491	3.207	2.949	4.919	5.126	6.400	7.397	3.671	-0.284	-0.258	1.970	0.207	1.274	0.997	-3.726
U050-09W	6.906	6.408	7.110	8.024	7.423	15.980	20.196	6.328	-0.498	0.702	0.914	-0.601	8.557	4.216	-13.868
U050-10N	2.235	2.442	2.102	2.974	1.048	0.341	0.862	0.432	0.207	-0.340	0.872	-1.926	-0.707	0.521	-0.430
U050-10S	1.204	1.646	1.055	0.574	1.151	0.221	1.003	0.636	0.442	-0.591	-0.481	0.577	-0.930	0.782	-0.367
U050-11N	10.677	13.425	19.206	10.280	15.038	6.916	10.846		2.748	5.781	-8.926	4.758	-8.122	3.930	
U050-11S	10.951	10.097	12.878	10.832	10.703	8.663	10.798		-0.854	2.781	-2.046	-0.129	-2.040	2.135	
U050-12N	2.667	1.215			1.698	0.832		1.948	-1.452				-0.866		
U050-12S	3.497	2.376			2.205	0.882		2.963	-1.121				-1.323		
U050-13E	37.428	30.784	21.604		25.571	16.044	23.616		-6.644	-9.180			-9.527	7.572	
U050-13W	15.403	22.518	21.535		21.959	12.834	16.393		7.115	-0.983			-9.125	3.559	
U050-14E	1.243	1.483	1.611	1.053	0.999	1.114	0.418		0.240	0.128	-0.558	-0.054	0.115	-0.696	
U050-14W	1.549	1.142	1.430	1.265	0.989	1.514	0.742		-0.407	0.288	-0.165	-0.276	0.525	-0.772	
U050-15N	48.127	67.527	64.502	64.441	67.311	61.767	70.200		19.400	-3.025	-0.061	2.870	-5.544	8.433	
U050-15S	61.348	53.938	54.691	48.642	46.881	49.228	63.013		-7.410	0.753	-6.049	-1.761	2.347	13.785	
U050-16E	3.421	2.882	3.881	2.312	1.294	0.757	0.825		-0.539	0.999	-1.569	-1.018	-0.537	0.068	
U050-16W	3.421	4.957	4.789	4.529	1.611	0.648	0.555		1.536	-0.168	-0.260	-2.918	-0.963	-0.093	
U050-17E	6.266	7.235	11.695	8.670	4.980	6.618	1.245	3.622	0.969	4.460	-3.025	-3.690	1.638	-5.373	2.377
U050-17W	8.439	11.136	7.336	4.330	6.037	5.683	2.535	5.292	2.697	-3.800	-3.006	1.707	-0.354	-3.148	2.757
U050-18E	6.514	4.611	7.734	4.220	5.830	6.401	6.217	2.632	-1.903	3.123	-3.514	1.610	0.571	-0.184	-3.585
U050-18W	7.671	8.534	10.506	11.329	6.930	7.635	6.426	7.199	0.863	1.972	0.823	-4.399	0.705	-1.209	0.773
U050-19N	9.620	12.171	10.138	7.871	13.012			8.484	2.551	-2.033	-2.267	5.141			
U050-19S	9.958	11.342	9.351	12.299	11.550			7.233	1.384	-1.991	2.948	-0.749			
U050-20N	13.111	15.747	11.975	12.965	8.506	8.084	13.926	9.264	2.636	-3.772	0.990	-4.459	-0.422	5.842	-4.662
U050-20S	9.091	13.417	9.423	10.158	8.185	13.052	21.692	8.607	4.326	-3.994	0.735	-1.973	4.867	8.640	-13.085
Summary	**6.710**	**6.934**	**6.668**	**6.504**	**6.296**	**5.642**	**6.293**	**5.614**	**0.224**	**-0.266**	**-0.165**	**-0.208**	**-0.655**	**0.652**	**-0.679**
Significance									**0.262**	**0.466**	**0.548**	**0.200**	**0.046**	**0.034**	**0.054**

Table B.8 Urban 50 km/h site results for each site in each direction of travel – per cent more than 0 km/h and less than 5 km/h above speed limit

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		24.613	25.008	26.585	28.277	20.734	24.284	24.098		0.395	1.577	1.692	-7.543	3.550	-0.186
U050-01W		29.872	30.127	28.254	27.461	31.814	28.947	29.883		0.255	-1.873	-0.793	4.353	-2.867	0.936
U050-02E	21.188	23.368	19.416	21.123	21.076	23.153	22.117	26.939	2.180	-3.952	1.707	-0.047	2.077	-1.036	4.822
U050-02W	25.573	26.166	25.507	24.171	25.595	26.892	25.780	27.687	0.593	-0.659	-1.336	1.424	1.297	-1.112	1.907
U050-03E	26.424	28.420	28.963	30.861	31.910	26.250	26.703	30.784	1.996	0.543	1.898	1.049	-5.660	0.453	4.081
U050-03W	32.278	30.916	30.185	30.111	31.088	26.481	28.537	30.271	-1.362	-0.731	-0.074	0.977	-4.607	2.056	1.734
U050-04E	9.180	9.627	10.036	9.367	7.080	6.393	11.598	6.011	0.447	0.409	-0.669	-2.287	-0.687	5.205	-5.587
U050-04W	10.555	8.766	6.301	6.226	7.916	5.746	7.132	5.965	-1.789	-2.465	-0.075	1.690	-2.170	1.386	-1.167
U050-05N	18.470	18.452	23.750	20.183	18.756	17.599	13.255	19.556	-0.018	5.298	-3.567	-1.427	-1.157	-4.344	6.301
U050-05S	16.517	18.297	18.704	20.258	15.766	12.893	11.642	20.170	1.780	0.407	1.554	-4.492	-2.873	-1.251	8.528
U050-06E	3.089	2.570	2.043	2.238	2.297		10.993	0.384	-0.519	-0.527	0.195	0.059			-10.609
U050-06W	1.300	1.667	1.596	1.126	0.735		10.240	0.117	0.367	-0.071	-0.470	-0.391			-10.123
U050-07E	13.985	15.460	14.313	12.961	11.638	8.406	11.517	11.717	1.475	-1.147	-1.352	-1.323	-3.232	3.111	0.200
U050-07W	19.259	17.741	18.840	18.955	19.629	17.086	19.205	20.861	-1.518	1.099	0.115	0.674	-2.543	2.119	1.656
U050-08N	22.576	20.897	20.352	18.594	20.263	18.065	10.605	14.137	-1.679	-0.545	-1.758	1.669	-2.198	-7.460	3.532
U050-08S	11.923	13.433	13.863	14.513	12.128	12.077	14.888	13.028	1.510	0.430	0.650	-2.385	-0.051	2.811	-1.860
U050-09E	17.593	18.492	16.282	19.812	22.167	22.116	23.253	18.523	0.899	-2.210	3.530	2.355	-0.051	1.137	-4.730
U050-09W	23.344	24.507	25.083	25.073	24.603	27.635	26.177	25.056	1.163	0.576	-0.010	-0.470	3.032	-1.458	-1.121
U050-10N	9.529	10.173	8.075	11.282	8.731	6.250	7.759	9.297	0.644	-2.098	3.207	-2.551	-2.481	1.509	1.538
U050-10S	12.910	15.102	10.549	9.943	9.310	8.306	8.526	10.074	2.192	-4.553	-0.606	-0.633	-1.004	0.220	1.548
U050-11N	18.162	18.765	18.178	19.748	19.441	25.722	25.861		0.603	-0.587	1.570	-0.307	6.281	0.139	
U050-11S	16.627	15.698	20.171	16.641	19.728	20.000	19.870		-0.929	4.473	-3.530	3.087	0.272	-0.130	
U050-12N	9.882	7.419			7.998	9.982		8.171	-2.463				1.984		
U050-12S	14.363	12.208			12.468	15.825		12.047	-2.155				3.357		
U050-13E	13.052	11.569	17.149		20.320	21.099	17.343		-1.483	5.580			0.779	-3.756	
U050-13W	20.538	16.223	14.604		17.905	16.845	13.583		-4.315	-1.619			-1.060	-3.262	
U050-14E	16.109	17.802	17.690	12.897	12.838	17.426	9.019		1.693	-0.112	-4.793	-0.059	4.588	-8.407	
U050-14W	16.100	13.379	15.556	12.160	11.715	17.934	10.226		-2.721	2.177	-3.396	-0.445	6.219	-7.708	
U050-15N	14.669	8.280	8.679	9.317	9.835	10.624	8.657		-6.389	0.399	0.638	0.518	0.789	-1.967	
U050-15S	9.865	12.443	13.580	14.522	16.383	15.379	10.769		2.578	1.137	0.942	1.861	-1.004	-4.610	
U050-16E	16.197	15.854	18.721	13.873	7.176	5.296	9.198		-0.343	2.867	-4.848	-6.697	-1.880	3.902	
U050-16W	12.676	14.332	15.849	15.971	10.012	8.161	8.435		1.656	1.517	0.122	-5.959	-1.851	0.274	
U050-17E	27.820	28.147	29.958	25.614	25.992	28.608	17.386	25.763	0.327	1.811	-4.344	0.378	2.616	-11.222	8.377
U050-17W	25.879	27.916	25.019	22.064	22.368	22.107	17.002	25.592	2.037	-2.897	-2.955	0.304	-0.261	-5.105	8.590
U050-18E	9.983	10.759	11.446	13.092	14.798	10.208	17.134	11.895	0.776	0.687	1.646	1.706	-4.590	6.926	-5.239
U050-18W	13.356	14.880	12.410	12.709	14.263	11.153	14.995	12.737	1.524	-2.470	0.299	1.554	-3.110	3.842	-2.258
U050-19N	19.772	20.391	22.150	21.047	20.713			25.068	0.619	1.759	-1.103	-0.334			
U050-19S	19.451	20.334	21.611	21.257	24.402			24.324	0.883	1.277	-0.354	3.145			
U050-20N	24.623	23.140	22.794	22.116	21.414	25.107	24.225	24.669	-1.483	-0.346	-0.678	-0.702	3.693	-0.882	0.444
U050-20S	24.014	23.690	26.401	23.677	25.860	27.343	22.721	27.942	-0.324	2.711	-2.724	2.183	1.483	-4.622	5.221
Summary	**16.357**	**16.877**	**17.274**	**17.060**	**17.066**	**16.592**	**16.086**	**17.323**	**0.520**	**0.397**	**-0.215**	**0.006**	**-0.474**	**-0.506**	**1.237**
Significance									**0.616**	**0.596**	**0.200**	**0.772**	**0.646**	**0.332**	**0.396**

Table B.9 Urban 50 km/h site results for each site in each direction of travel - per cent more than 5 km/h and less than 10 km/h above speed limit

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		24.315	23.988	23.157	25.372	27.265	25.859	24.378		-0.327	-0.831	2.215	1.893	-1.406	-1.481
U050-01W		20.852	22.757	23.531	24.653	20.125	22.295	19.384		1.905	0.774	1.122	-4.528	2.170	-2.911
U050-02E	19.231	21.110	22.064	19.018	20.044	23.153	21.913	21.439	1.879	0.954	-3.046	1.026	3.109	-1.240	-0.474
U050-02W	18.539	20.226	17.876	18.378	17.441	16.667	20.867	20.911	1.687	-2.350	0.502	-0.937	-0.774	4.200	0.044
U050-03E	10.056	12.064	16.326	20.545	21.113	12.605	12.467	17.496	2.008	4.262	4.219	0.568	-8.508	-0.138	5.029
U050-03W	17.468	17.933	15.590	12.879	22.292	11.906	15.378	15.069	0.465	-2.343	-2.711	9.413	-10.386	3.472	-0.309
U050-04E	2.406	2.490	3.617	2.342	2.448	2.290	5.412	2.767	0.084	1.127	-1.275	0.106	-0.158	3.122	-2.645
U050-04W	3.917	2.835	1.890	2.830	2.248	1.659	3.467	1.955	-1.082	-0.945	0.940	-0.582	-0.589	1.808	-1.512
U050-05N	11.366	13.501	10.865	13.211	9.223	10.018	5.653	10.107	2.135	-2.636	2.346	-3.988	0.795	-4.365	4.454
U050-05S	9.695	9.335	10.418	12.672	5.846	7.190	4.083	12.337	-0.360	1.083	2.254	-6.826	1.344	-3.107	8.254
U050-06E	1.259	1.695	0.442	0.824	0.919		4.642	0.000	0.436	-1.253	0.382	0.095			-4.642
U050-06W	0.100	0.556	0.532	0.512	0.267		4.684	0.059	0.456	-0.024	-0.020	-0.245			-4.625
U050-07E	6.905	8.284	8.754	6.336	6.527	2.160	3.034	5.629	1.379	0.470	-2.418	0.191	-4.367	0.874	2.595
U050-07W	12.134	14.519	10.965	12.677	13.805	7.345	9.817	10.540	2.385	-3.554	1.712	1.128	-6.460	2.472	0.723
U050-08N	8.525	8.587	7.876	7.848	7.438	6.481	3.625	4.682	0.062	-0.711	-0.028	-0.410	-0.957	-2.856	1.057
U050-08S	5.296	6.757	6.017	6.118	5.108	5.187	6.084	4.900	1.461	-0.740	0.101	-1.010	0.079	0.897	-1.184
U050-09E	6.615	8.080	7.094	8.631	11.871	11.406	12.955	6.872	1.465	-0.986	1.537	3.240	-0.465	1.549	-6.083
U050-09W	14.219	11.600	11.982	14.824	12.415	22.331	22.566	10.684	-2.619	0.382	2.842	-2.409	9.916	0.235	-11.882
U050-10N	4.471	5.799	3.761	4.308	3.725	3.523	2.802	2.054	1.328	-2.038	0.547	-0.583	-0.202	-0.721	-0.748
U050-10S	6.783	4.937	4.641	3.442	3.138	1.772	2.307	2.439	-1.846	-0.296	-1.199	-0.304	-1.366	0.535	0.132
U050-11N	15.685	13.327	17.103	14.202	16.541	13.886	19.971		-2.358	3.776	-2.901	2.339	-2.655	6.085	
U050-11S	13.269	13.900	15.128	11.303	13.259	13.802	16.986		0.631	1.228	-3.825	1.956	0.543	3.184	
U050-12N	5.947	3.037			3.485	3.379		3.133	-2.910				-0.106		
U050-12S	6.703	5.694			4.707	4.188		5.458	-1.009				-0.519		
U050-13E	17.083	17.451	20.935		19.863	16.484	19.742		0.368	3.484			-3.379	3.258	
U050-13W	13.203	15.981	17.327		16.554	14.706	15.457		2.778	1.346			-1.848	0.751	
U050-14E	4.591	5.226	4.817	4.229	2.159	3.702	1.573		0.635	-0.409	-0.588	-2.070	1.543	-2.129	
U050-14W	4.887	3.655	3.994	3.491	2.403	4.732	2.111		-1.232	0.339	-0.503	-1.088	2.329	-2.621	
U050-15N	20.350	13.978	17.637	16.253	15.009	16.059	14.605		-6.372	3.659	-1.384	-1.244	1.050	-1.454	
U050-15S	16.873	18.550	20.000	23.554	21.802	19.543	15.513		1.677	1.450	3.554	-1.752	-2.259	-4.030	
U050-16E	7.344	7.871	6.507	5.087	2.588	2.396	1.651		0.527	-1.364	-1.420	-2.499	-0.192	-0.745	
U050-16W	4.930	7.435	8.894	7.271	2.992	2.332	2.109		2.505	1.459	-1.623	-4.279	-0.660	-0.223	
U050-17E	14.578	17.482	18.898	16.746	11.457	15.877	5.602	12.902	2.904	1.416	-2.152	-5.289	4.420	-10.275	7.300
U050-17W	17.440	18.661	13.900	11.625	11.146	12.543	7.905	14.534	1.221	-4.761	-2.275	-0.479	1.397	-4.638	6.629
U050-18E	8.376	8.228	8.894	8.786	7.982	8.045	9.932	6.316	-0.148	0.666	-0.108	-0.804	0.063	1.887	-3.616
U050-18W	8.973	7.367	10.046	11.619	9.911	9.955	10.321	8.861	-1.606	2.679	1.573	-1.708	0.044	0.366	-1.460
U050-19N	14.297	16.050	16.067	13.985	19.660			18.008	1.753	0.017	-2.082	5.675			
U050-19S	14.472	16.403	14.497	15.954	17.430			16.216	1.931	-1.906	1.457	1.476			
U050-20N	16.720	19.827	18.435	18.875	17.310	17.166	21.884	17.258	3.107	-1.392	0.440	-1.565	-0.144	4.718	-4.626
U050-20S	17.377	19.036	17.186	18.115	16.924	19.481	22.394	16.653	1.659	-1.850	0.929	-1.191	2.557	2.913	-5.741
Summary	**9.876**	**10.509**	**10.505**	**10.481**	**9.951**	**9.776**	**10.226**	**9.260**	**0.633**	**-0.004**	**-0.024**	**-0.531**	**-0.175**	**0.451**	**-0.966**
Significance									**0.040**	**0.928**	**0.674**	**0.238**	**0.368**	**0.478**	**0.302**

Table B.10 Urban 50 km/h site results for each site in each direction of travel - vehicle count

Site ID	May 2009 (S1)	Nov 2009 (S2)	May 2010 (S3)	Nov 2010 (S4)	Nov 2011 (S5)	May 2014 (S6)	May 2015 (S7)	May 2016 (S8)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6	S8 - S7
U050-01E		3356	3235	3092	2960	3323	3492	3577		-121	-143	-132	363	169	85
U050-01W		3592	3555	3557	3241	3533	3382	3410		-37	2	-316	292	-151	28
U050-02E	1482	1639	1473	1425	1357	1218	1474	1418	157	-166	-48	-68	-139	256	-56
U050-02W	1834	2037	1874	1899	1766	1506	1730	1712	203	-163	25	-133	-260	224	-18
U050-03E	8095	8223	8214	8075	8502	6061	6385	7413	128	-9	-139	427	-2441	324	1028
U050-03W	8089	8688	8640	8502	8698	7005	7797	8992	599	-48	-138	196	-1693	792	1195
U050-04E	1122	1205	1106	1153	1144	1048	1164	1048	83	-99	47	-9	-96	116	-116
U050-04W	1838	1905	2222	2120	2135	1688	2019	1995	67	317	-102	15	-447	331	-24
U050-05N	915	1111	1040	1090	965	1108	1026	1217	196	-71	50	-125	143	-82	191
U050-05S	1114	1339	1219	1239	1129	1210	1151	1532	225	-120	20	-110	81	-59	381
U050-06E	1748	1829	1811	1698	1959		1874	2086	81	-18	-113	261			212
U050-06W	1000	1080	940	977	1496		1836	1703	80	-140	37	519			-133
U050-07E	1709	1533	1565	1736	1624	1713	1615	1741	-176	32	171	-112	89	-98	126
U050-07W	2456	2266	2362	2469	2318	2546	2567	2742	-190	96	107	-151	228	21	175
U050-08N	3836	3948	4152	3797	3805	4351	4083	4421	112	204	-355	8	546	-268	338
U050-08S	3682	3670	3989	3645	3661	3933	4339	4306	-12	319	-344	16	272	406	-33
U050-09E	2177	2401	2340	2236	2224	2297	2447	2343	224	-61	-104	-12	73	150	-104
U050-09W	3200	3293	3305	3103	3085	2960	3461	3145	93	12	-202	-18	-125	501	-316
U050-10N	850	983	904	975	859	880	928	925	133	-79	71	-116	21	48	-3
U050-10S	914	1033	948	1046	956	903	997	943	119	-85	98	-90	-53	94	-54
U050-11N	1817	2041	2140	2218	1862	5610	4822		224	99	78	-356	3748	-788	
U050-11S	1251	1446	1289	1274	1252	5760	4751		195	-157	-15	-22	4508	-1009	
U050-12N	2287	2305			2238	3847		2362	18				1609		
U050-12S	2402	2441			2358	4537		2565	39				2179		
U050-13E	521	510	449		438	455	542		-11	-61			17	87	
U050-13W	409	413	404		296	374	427		4	-9			78	53	
U050-14E	6034	5932	6207	6645	6208	6915	5976		-102	275	438	-437	707	-939	
U050-14W	6261	6129	6435	6875	6368	6340	6063		-132	306	440	-507	-28	-277	
U050-15N	1602	1860	1786	1932	1759	1619	1698		258	-74	146	-173	-140	79	
U050-15S	1855	1752	1620	1694	1587	1489	1560		-103	-132	74	-107	-98	71	
U050-16E	994	902	876	865	850	793	848		-92	-26	-11	-15	-57	55	
U050-16W	994	928	877	839	869	772	901		-66	-51	-38	30	-97	129	
U050-17E	2394	2391	2360	2526	2470	2765	2410	2457	-3	-31	166	-56	295	-355	47
U050-17W	1422	1329	1295	1686	1292	1443	1341	1266	-93	-34	391	-394	151	-102	-75
U050-18E	1182	1106	1293	1161	1115	1156	1319	950	-76	187	-132	-46	41	163	-369
U050-18W	1460	1371	1523	1377	1241	1336	1027	1264	-89	152	-146	-136	95	-309	237
U050-19N	2630	2810	2614	2846	2467			1827	180	-196	232	-379			
U050-19S	2149	2213	2235	2244	1922			2627	64	22	9	-322			
U050-20N	2189	2083	1904	2098	2022	2103	1709	1889	-106	-179	194	-76	81	-394	180
U050-20S	2486	2385	2409	2589	2529	2582	2139	2498	-101	24	180	-60	53	-443	359
Summary	**1826**	**1891**	**1856**	**1878**	**1795**	**1871**	**1925**	**1962**	**66**	**-36**	**23**	**-83**	**76**	**54**	**38**
Significance									**0.046**	**0.332**	**0.430**	**0.002**	**0.112**	**0.992**	**0.124**

Table B.11 Urban 60 km/h site results for each site in each direction of travel - mean speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		63.034		62.365		62.593							
U060-01G		62.699		62.143		61.710	60.309						-1.400
U060-02A	47.165						58.039						
U060-02G	43.097					59.217	59.595						0.378
U060-03A		37.991	37.595	36.284	38.588		40.772		-0.395	-1.311	2.304		
U060-03G		43.127	43.072	42.324	43.114		44.233		-0.055	-0.748	0.791		
U060-04A	53.747	53.732	53.391	52.687	52.748	52.482	52.748	-0.015	-0.341	-0.703	0.061	-0.267	0.266
U060-04G	53.953	54.119	53.752	53.529	53.776	52.643	53.176	0.166	-0.367	-0.223	0.247	-1.133	0.533
U060-05A		49.195	47.872	45.708	48.149	49.306	49.708		-1.323	-2.164	2.441	1.157	0.402
U060-05G		52.420	52.456	50.715	52.198	52.317	52.483		0.035	-1.741	1.484	0.119	0.166
U060-06A		57.602	57.561	57.586	57.119	57.100	57.222		-0.041	0.025	-0.467	-0.019	0.121
U060-06G		54.560	54.030	54.243	54.017	53.624	53.554		-0.530	0.212	-0.225	-0.393	-0.070
U060-07A	58.048	59.253	58.063	57.339	58.464	56.802	57.875	1.206	-1.190	-0.724	1.124	-1.662	1.073
U060-07G	52.541		53.317	51.995	53.026	50.563	52.368			-1.321	1.030	-2.463	1.805
U060-08A		55.601	53.582	52.403	52.523	53.849	54.967		-2.018	-1.179	0.121	1.325	1.118
U060-08G		57.390	55.217	55.168	55.410	55.769	57.008		-2.172	-0.049	0.242	0.359	1.239
U060-09A	50.776	50.598	50.237	50.338	49.876	50.232	50.719	-0.178	-0.361	0.101	-0.462	0.357	0.487
U060-09G	52.276	52.320	51.384	51.599	50.134	51.146	51.389	0.044	-0.936	0.215	-1.465	1.012	0.244
U060-10A		57.209		58.050	56.652	55.836	55.402				-1.398	-0.816	-0.435
U060-10G		58.640		57.440	57.450	57.383	56.728				0.010	-0.067	-0.654
U060-11A	65.228	63.691	62.266	62.433	62.142	61.658	61.458	-1.537	-1.425	0.167	-0.290	-0.485	-0.199
U060-11G	62.609	61.719	61.532	61.355	61.091	61.027	60.612	-0.890	-0.187	-0.177	-0.264	-0.064	-0.416
U060-12A				55.465			51.225						
U060-12G				54.949		52.579	51.768						-0.811
U060-13A				43.638	43.743	43.106	43.493				0.105	-0.637	0.387
U060-13G				41.487	41.457	41.166	41.265				-0.030	-0.292	0.100
U060-14A				56.897	56.535	55.847	56.634				-0.362	-0.688	0.787
U060-14G				56.452	60.196	56.111	56.831				3.744	-4.085	0.720
U060-15A				51.182	50.570	50.097	49.028				-0.612	-0.474	-1.069
U060-15G				54.808	55.135	55.303	56.444				0.327	0.168	1.142
U060-16A				58.966	58.611	59.054	58.534				-0.355	0.443	-0.519
U060-16G				58.152	60.942	57.785	57.104				2.790	-3.157	-0.681
U060-17A				56.917	55.837	64.363	55.068				-1.080	8.526	-9.295
U060-17G				53.082	51.948	59.056	50.370				-1.134	7.108	-8.686
U060-18A			50.541	49.438	48.977	42.894	49.122			-1.103	-0.461	-6.083	6.228
U060-18G			54.708	54.455	53.987	51.548	54.422			-0.253	-0.468	-2.440	2.874
U060-19A			51.466	50.375	51.564	50.189	51.027			-1.090	1.189	-1.375	0.838
U060-19G			53.362	52.574	53.283	53.125	53.328			-0.788	0.709	-0.158	0.203
U060-20A				31.684	31.829	31.316	31.588				0.145	-0.513	0.271
U060-20G				38.473	38.109	37.581	38.132				-0.363	-0.529	0.551
U060-21A				50.709	49.939		50.425				-0.770		
U060-21G				52.046	51.586		50.932				-0.461		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				60.124		60.521	59.820						-0.700
U060-22G				62.347		64.677	60.072						-4.605
U060-23A				54.325		53.463	52.433						-1.030
U060-23G				54.426		54.490	54.258						-0.232
U060-24A				61.618		60.886	62.371						1.486
U060-24G				62.331		62.738	61.410						-1.328
Summary	**53.144**	**53.129**	**52.734**	**52.021**	**52.011**	**51.668**	**51.871**	**-0.015**	**-0.395**	**-0.714**	**-0.010**	**-0.343**	**0.203**
Significance								**0.610**	**0.000**	**0.002**	**0.850**	**0.074**	**0.582**

Table B.12 Urban 60 km/h site results for each site in each direction of travel - median speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		62.668		62.074		62.281							
U060-01G		63.247		62.025		61.607	59.994						-1.613
U060-02A	47.369						57.775						
U060-02G	45.886					58.868	59.198						0.330
U060-03A		41.950	41.429	40.042	42.388		44.203		-0.520	-1.390	2.350		
U060-03G		44.240	44.169	43.267	44.125		45.507		-0.070	-0.905	0.860		
U060-04A	54.648	54.441	54.095	53.380	53.445	53.207	53.433	-0.210	-0.345	-0.715	0.065	-0.237	0.226
U060-04G	55.074	54.967	54.612	54.435	54.703	53.658	54.128	-0.110	-0.355	-0.175	0.270	-1.045	0.470
U060-05A		51.079	50.204	47.815	50.122	49.848	50.483		-0.875	-2.390	2.305	-0.274	0.635
U060-05G		52.783	52.903	51.101	52.554	52.620	52.780		0.120	-1.805	1.455	0.066	0.160
U060-06A		58.165	58.151	58.139	57.727	57.729	57.858		-0.015	-0.010	-0.415	0.002	0.129
U060-06G		55.573	55.063	55.307	55.049	54.639	54.591		-0.510	0.240	-0.255	-0.410	-0.047
U060-07A	58.052	58.804	58.064	57.625	58.433	56.985	57.854	0.755	-0.740	-0.440	0.810	-1.448	0.869
U060-07G	53.222		54.107	53.238	53.817	52.251	53.264			-0.865	0.575	-1.567	1.013
U060-08A		55.791	54.101	53.610	52.979	53.362	55.124		-1.690	-0.490	-0.630	0.383	1.763
U060-08G		57.417	55.350	55.943	56.052	55.964	56.868		-2.065	0.595	0.105	-0.088	0.904
U060-09A	51.378	51.224	50.981	50.978	50.670	50.960	51.346	-0.155	-0.245	0.000	-0.310	0.290	0.386
U060-09G	52.715	52.791	51.948	52.116	51.190	51.741	51.890	0.075	-0.840	0.165	-0.925	0.551	0.149
U060-10A		57.504		58.556	57.115	56.640	56.126				-1.440	-0.475	-0.514
U060-10G		58.587		57.602	57.526	57.464	56.891				-0.075	-0.062	-0.573
U060-11A	64.022	62.784	61.564	61.701	61.549	61.032	60.729	-1.235	-1.220	0.135	-0.150	-0.516	-0.303
U060-11G	61.530	60.570	60.574	60.305	60.132	59.964	59.561	-0.960	0.005	-0.270	-0.175	-0.167	-0.403
U060-12A				55.571			51.612						
U060-12G				55.808		53.346	52.688						-0.658
U060-13A				46.515	46.507	45.903	46.133				-0.010	-0.604	0.230
U060-13G				44.443	44.233	43.767	43.789				-0.210	-0.467	0.022
U060-14A				57.460	57.141	56.414	57.043				-0.320	-0.727	0.629
U060-14G				56.680	60.347	56.447	57.060				3.665	-3.900	0.613
U060-15A				52.608	52.179	52.207	51.578				-0.430	0.028	-0.629
U060-15G				55.604	55.870	56.015	57.110				0.265	0.145	1.094
U060-16A				59.414	59.003	59.336	58.799				-0.410	0.334	-0.538
U060-16G				58.479	60.789	58.099	57.525				2.310	-2.690	-0.574
U060-17A				58.623	57.725	66.946	57.420				-0.900	9.221	-9.526
U060-17G				55.455	54.841	62.199	53.480				-0.615	7.359	-8.719
U060-18A			51.651	51.014	50.714	43.913	50.690			-0.635	-0.300	-6.801	6.777
U060-18G			55.119	54.894	54.414	51.655	54.735			-0.225	-0.480	-2.759	3.080
U060-19A			52.205	51.593	52.344	51.536	52.075			-0.610	0.750	-0.808	0.538
U060-19G			53.826	53.112	53.779	53.546	53.803			-0.715	0.670	-0.233	0.256
U060-20A				34.326	34.376	34.053	34.198				0.050	-0.324	0.145
U060-20G				40.067	39.318	38.761	39.356				-0.745	-0.557	0.595
U060-21A				50.853	50.172		50.678				-0.685		
U060-21G				52.310	51.919		51.307				-0.390		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				59.748		60.153	59.884						-0.269
U060-22G				61.933		64.140	61.035						-3.106
U060-23A				55.566		55.140	54.927						-0.213
U060-23G				55.513		55.468	55.267						-0.201
U060-24A				61.652		60.797	62.355						1.558
U060-24G				62.258		62.632	61.382						-1.251
Summary	**53.935**	**53.781**	**53.271**	**52.806**	**52.643**	**52.344**	**52.493**	**-0.155**	**-0.510**	**-0.465**	**-0.163**	**-0.299**	**0.149**
Significance								**0.176**	**0.002**	**0.002**	**0.896**	**0.014**	**0.502**

Table B.13 Urban 60 km/h site results for each site in each direction of travel - 85th percentile speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		69.668		68.951		68.863							
U060-01G		70.879		69.040		68.067	65.733						-2.334
U060-02A	54.661						62.932						
U060-02G	54.223					64.318	64.393						0.075
U060-03A		52.345	51.732	51.079	51.731		52.488		-0.615	-0.650	0.650		
U060-03G		52.394	52.480	51.820	52.065		52.885		0.085	-0.660	0.245		
U060-04A	60.017	59.618	59.381	59.126	58.989	58.793	58.981	-0.395	-0.240	-0.255	-0.135	-0.196	0.188
U060-04G	60.569	60.041	59.879	59.851	59.758	59.293	59.444	-0.530	-0.160	-0.030	-0.090	-0.464	0.150
U060-05A		57.482	56.527	54.227	56.300	57.819	58.899		-0.955	-2.300	2.075	1.519	1.080
U060-05G		58.703	58.788	57.032	58.307	58.421	58.476		0.085	-1.760	1.275	0.114	0.054
U060-06A		63.714	63.726	63.693	63.257	63.202	63.360		0.010	-0.030	-0.440	-0.055	0.158
U060-06G		61.421	60.837	61.005	60.534	59.916	59.899		-0.585	0.170	-0.470	-0.619	-0.017
U060-07A	63.587	64.620	63.694	63.473	63.702	62.525	63.298	1.035	-0.925	-0.220	0.225	-1.177	0.774
U060-07G	59.245		59.900	59.527	59.597	58.816	59.347			-0.375	0.070	-0.781	0.531
U060-08A		60.572	59.417	59.296	59.926	59.870	59.697		-1.155	-0.120	0.630	-0.055	-0.174
U060-08G		62.607	61.324	61.223	60.822	60.111	62.134		-1.280	-0.100	-0.405	-0.710	2.022
U060-09A	57.918	57.732	57.470	57.370	57.060	57.183	57.590	-0.190	-0.260	-0.100	-0.310	0.124	0.406
U060-09G	58.477	58.506	57.826	58.043	57.029	57.515	57.600	0.030	-0.680	0.220	-1.015	0.486	0.085
U060-10A		63.342		64.673	62.880	62.405	61.802				-1.795	-0.476	-0.603
U060-10G		64.115		63.333	63.063	63.000	62.593				-0.270	-0.062	-0.407
U060-11A	72.696	70.144	68.830	68.784	68.431	67.749	67.760	-2.550	-1.315	-0.045	-0.355	-0.682	0.011
U060-11G	69.710	68.560	68.117	67.998	67.380	67.449	66.612	-1.150	-0.445	-0.115	-0.620	0.069	-0.837
U060-12A				62.505			58.171						
U060-12G				63.159		59.985	59.435						-0.549
U060-13A				54.316	54.073	54.026	54.083				-0.240	-0.048	0.058
U060-13G				53.545	53.258	53.696	53.267				-0.285	0.438	-0.429
U060-14A				63.695	63.329	62.597	62.998				-0.365	-0.732	0.400
U060-14G				63.267	65.868	62.646	63.092				2.605	-3.222	0.445
U060-15A				59.325	58.811	58.761	58.492				-0.515	-0.050	-0.269
U060-15G				62.335	62.077	61.961	63.053				-0.260	-0.115	1.092
U060-16A				64.759	64.475	64.622	64.208				-0.285	0.146	-0.414
U060-16G				64.329	65.864	63.928	63.421				1.535	-1.936	-0.508
U060-17A				64.679	63.619	73.548	63.372				-1.060	9.929	-10.176
U060-17G				62.588	60.811	69.630	59.493				-1.780	8.818	-10.137
U060-18A			58.332	58.008	57.443	52.010	57.619			-0.320	-0.565	-5.433	5.609
U060-18G			61.008	60.824	59.958	58.453	60.237			-0.185	-0.865	-1.506	1.784
U060-19A			58.072	57.721	58.155	57.380	57.996			-0.350	0.435	-0.775	0.616
U060-19G			59.267	58.982	59.167	59.000	59.135			-0.285	0.185	-0.167	0.135
U060-20A				42.297	42.198	41.962	42.101				-0.095	-0.236	0.139
U060-20G				45.423	44.957	44.802	45.039				-0.470	-0.155	0.237
U060-21A				58.369	57.606		57.945				-0.765		
U060-21G				59.333	58.801		58.462				-0.535		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				65.904		65.686	65.708						0.022
U060-22G				68.240		69.992	66.992						-3.000
U060-23A				62.039		61.559	60.135						-1.424
U060-23G				62.017		61.960	61.352						-0.608
U060-24A				68.705		67.129	69.085						1.956
U060-24G				68.483		69.942	67.440						-2.502
Summary	**59.631**	**59.232**	**58.648**	**58.446**	**58.160**	**57.999**	**58.057**	**-0.395**	**-0.585**	**-0.203**	**-0.285**	**-0.161**	**0.058**
Significance								**0.176**	**0.002**	**0.002**	**0.082**	**0.042**	**0.952**

Table B.14 Urban 60 km/h site results for each site in each direction of travel - per cent at or below speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		32.792		36.184		34.081							
U060-01G		30.009		37.165		38.699	50.045						11.346
U060-02A	96.491						72.176						
U060-02G	96.671					59.527	56.883						-2.644
U060-03A		98.565	98.886	98.950	99.082		99.047		0.321	0.064	0.132		
U060-03G		98.875	98.771	98.934	99.059		98.993		-0.104	0.163	0.125		
U060-04A	84.958	87.598	89.106	90.215	91.223	92.192	91.292	2.640	1.508	1.109	1.008	0.969	-0.900
U060-04G	83.450	84.894	85.813	85.974	86.691	89.410	88.704	1.444	0.919	0.161	0.717	2.719	-0.706
U060-05A		94.571	96.161	98.188	96.523	91.326	87.957		1.590	2.027	-1.665	-5.197	-3.369
U060-05G		91.543	91.317	95.471	93.201	92.826	92.838		-0.226	4.154	-2.270	-0.375	0.012
U060-06A		64.568	64.463	64.769	68.928	69.409	67.821		-0.105	0.306	4.159	0.481	-1.588
U060-06G		80.713	82.669	82.055	83.547	85.563	85.671		1.956	-0.614	1.492	2.016	0.108
U060-07A	65.871	58.548	65.360	67.800	63.405	74.675	68.549	-7.323	6.812	2.440	-4.395	11.270	-6.126
U060-07G	89.208		85.611	87.614	87.442	90.944	88.676			2.003	-0.172	3.502	-2.268
U060-08A		83.410	88.775	89.229	85.309	85.603	87.322		5.365	0.454	-3.920	0.294	1.719
U060-08G		73.578	81.663	81.145	82.569	84.706	77.651		8.085	-0.518	1.424	2.137	-7.055
U060-09A	93.358	93.893	94.488	94.560	95.325	95.294	94.636	0.535	0.595	0.072	0.765	-0.031	-0.658
U060-09G	92.867	92.818	94.659	93.966	96.061	95.459	95.423	-0.049	1.841	-0.693	2.095	-0.602	-0.036
U060-10A		69.311		57.291	72.610	75.771	78.902				15.319	3.161	3.131
U060-10G		61.357		69.381	71.082	71.399	74.861				1.701	0.317	3.462
U060-11A	22.942	31.818	39.831	38.638	39.306	43.042	45.348	8.876	8.013	-1.193	0.668	3.736	2.306
U060-11G	40.896	46.679	46.539	48.248	49.216	50.272	53.492	5.783	-0.140	1.709	0.968	1.056	3.220
U060-12A				76.871			92.291						
U060-12G				73.536		85.079	87.803						2.724
U060-13A				97.144	97.438	97.805	97.822				0.294	0.367	0.017
U060-13G				97.882	97.840	98.072	98.199				-0.042	0.232	0.127
U060-14A				67.212	70.065	75.029	72.333				2.853	4.964	-2.696
U060-14G				71.833	47.558	74.839	71.697				-24.275	27.281	-3.142
U060-15A				88.375	90.772	91.233	92.100				2.397	0.461	0.867
U060-15G				76.591	77.643	78.043	70.969				1.052	0.400	-7.074
U060-16A				53.984	57.194	54.725	59.085				3.210	-2.469	4.360
U060-16G				60.671	43.880	63.853	68.660				-16.791	19.973	4.807
U060-17A				58.331	67.068	22.223	69.541				8.737	-44.845	47.318
U060-17G				76.297	82.881	39.338	88.044				6.584	-43.543	48.706
U060-18A			92.292	92.993	94.600	98.982	94.093			0.701	1.607	4.382	-4.889
U060-18G			82.078	82.726	85.263	91.565	84.388			0.648	2.537	6.302	-7.177
U060-19A			94.206	94.753	94.232	95.966	94.508			0.547	-0.521	1.734	-1.458
U060-19G			89.619	90.691	90.293	91.153	90.563			1.072	-0.398	0.860	-0.590
U060-20A				99.421	99.340	99.330	99.233				-0.081	-0.010	-0.097
U060-20G				99.806	99.822	99.762	99.759				0.016	-0.060	-0.003
U060-21A				90.811	92.758		92.481				1.947		
U060-21G				87.961	90.208		91.175				2.247		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				51.796		48.950	50.803						1.853
U060-22G				35.388		18.383	42.410						24.027
U060-23A				78.122		80.259	84.673						4.414
U060-23G				78.225		78.592	80.964						2.372
U060-24A				40.104		44.666	35.151						-9.515
U060-24G				33.500		35.103	39.928						4.825
Summary	**87.083**	**88.527**	**90.035**	**90.536**	**91.402**	**92.073**	**92.085**	**1.444**	**1.508**	**0.501**	**0.867**	**0.671**	**0.012**
Significance								**0.238**	**0.004**	**0.018**	**0.040**	**0.014**	**0.610**

Table B.15 Urban 60 km/h site results for each site in each direction of travel - per cent above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		67.208		63.816		65.919							
U060-01G		69.991		62.835		61.301	49.955						-11.346
U060-02A	3.509						27.824						
U060-02G	3.329					40.473	43.117						2.644
U060-03A		1.435	1.114	1.050	0.918		0.953		-0.321	-0.064	-0.132		
U060-03G		1.125	1.229	1.066	0.941		1.007		0.104	-0.163	-0.125		
U060-04A	15.042	12.402	10.894	9.785	8.777	7.808	8.708	-2.640	-1.508	-1.109	-1.008	-0.969	0.900
U060-04G	16.550	15.106	14.187	14.026	13.309	10.590	11.296	-1.444	-0.919	-0.161	-0.717	-2.719	0.706
U060-05A		5.429	3.839	1.812	3.477	8.674	12.043		-1.590	-2.027	1.665	5.197	3.369
U060-05G		8.457	8.683	4.529	6.799	7.174	7.162		0.226	-4.154	2.270	0.375	-0.012
U060-06A		35.432	35.537	35.231	31.072	30.591	32.179		0.105	-0.306	-4.159	-0.481	1.588
U060-06G		19.287	17.331	17.945	16.453	14.437	14.329		-1.956	0.614	-1.492	-2.016	-0.108
U060-07A	34.129	41.452	34.640	32.200	36.595	25.325	31.451	7.323	-6.812	-2.440	4.395	-11.270	6.126
U060-07G	10.792		14.389	12.386	12.558	9.056	11.324			-2.003	0.172	-3.502	2.268
U060-08A		16.590	11.225	10.771	14.691	14.397	12.678		-5.365	-0.454	3.920	-0.294	-1.719
U060-08G		26.422	18.337	18.855	17.431	15.294	22.349		-8.085	0.518	-1.424	-2.137	7.055
U060-09A	6.642	6.107	5.512	5.440	4.675	4.706	5.364	-0.535	-0.595	-0.072	-0.765	0.031	0.658
U060-09G	7.133	7.182	5.341	6.034	3.939	4.541	4.577	0.049	-1.841	0.693	-2.095	0.602	0.036
U060-10A		30.689		42.709	27.390	24.229	21.098				-15.319	-3.161	-3.131
U060-10G		38.643		30.619	28.918	28.601	25.139				-1.701	-0.317	-3.462
U060-11A	77.058	68.182	60.169	61.362	60.694	56.958	54.652	-8.876	-8.013	1.193	-0.668	-3.736	-2.306
U060-11G	59.104	53.321	53.461	51.752	50.784	49.728	46.508	-5.783	0.140	-1.709	-0.968	-1.056	-3.220
U060-12A				23.129			7.709						
U060-12G				26.464		14.921	12.197						-2.724
U060-13A				2.856	2.562	2.195	2.178				-0.294	-0.367	-0.017
U060-13G				2.118	2.160	1.928	1.801				0.042	-0.232	-0.127
U060-14A				32.788	29.935	24.971	27.667				-2.853	-4.964	2.696
U060-14G				28.167	52.442	25.161	28.303				24.275	-27.281	3.142
U060-15A				11.625	9.228	8.767	7.900				-2.397	-0.461	-0.867
U060-15G				23.409	22.357	21.957	29.031				-1.052	-0.400	7.074
U060-16A				46.016	42.806	45.275	40.915				-3.210	2.469	-4.360
U060-16G				39.329	56.120	36.147	31.340				16.791	-19.973	-4.807
U060-17A				41.669	32.932	77.777	30.459				-8.737	44.845	-47.318
U060-17G				23.703	17.119	60.662	11.956				-6.584	43.543	-48.706
U060-18A			7.708	7.007	5.400	1.018	5.907			-0.701	-1.607	-4.382	4.889
U060-18G			17.922	17.274	14.737	8.435	15.612			-0.648	-2.537	-6.302	7.177
U060-19A			5.794	5.247	5.768	4.034	5.492			-0.547	0.521	-1.734	1.458
U060-19G			10.381	9.309	9.707	8.847	9.437			-1.072	0.398	-0.860	0.590
U060-20A				0.579	0.660	0.670	0.767				0.081	0.010	0.097
U060-20G				0.194	0.178	0.238	0.241				-0.016	0.060	0.003
U060-21A				9.189	7.242		7.519				-1.947		
U060-21G				12.039	9.792		8.825				-2.247		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				48.204		51.050	49.197						-1.853
U060-22G				64.612		81.617	57.590						-24.027
U060-23A				21.878		19.741	15.327						-4.414
U060-23G				21.775		21.408	19.036						-2.372
U060-24A				59.896		55.334	64.849						9.515
U060-24G				66.500		64.897	60.072						-4.825
Summary	**12.917**	**11.473**	**9.965**	**9.465**	**8.598**	**7.928**	**7.916**	**-1.444**	**-1.508**	**-0.501**	**-0.867**	**-0.671**	**-0.012**
Significance								**0.238**	**0.004**	**0.018**	**0.040**	**0.014**	**0.610**

Table B.16 Urban 60 km/h site results for each site in each direction of travel – per cent up to 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		53.626		52.935		55.628							
U060-01G		53.031		51.671		53.320	45.458						-7.862
U060-02A	3.353						26.374						
U060-02G	3.175					37.648	40.424						2.776
U060-03A		1.387	1.075	0.999	0.862		0.915		-0.312	-0.076	-0.137		
U060-03G		1.072	1.166	1.011	0.902		0.961		0.094	-0.155	-0.109		
U060-04A	14.285	12.142	10.611	9.514	8.601	7.648	8.531	-2.143	-1.531	-1.097	-0.913	-0.953	0.883
U060-04G	16.019	14.714	13.812	13.618	12.958	10.339	11.028	-1.305	-0.902	-0.194	-0.660	-2.619	0.689
U060-05A		5.257	3.717	1.743	3.366	7.856	11.083		-1.540	-1.974	1.623	4.490	3.227
U060-05G		8.106	8.337	4.312	6.557	6.878	6.911		0.231	-4.025	2.245	0.321	0.033
U060-06A		33.643	33.964	33.398	29.682	29.252	30.759		0.321	-0.566	-3.716	-0.430	1.507
U060-06G		18.411	16.771	17.308	15.923	13.981	13.856		-1.640	0.537	-1.385	-1.942	-0.125
U060-07A	32.759	37.083	33.151	30.830	35.344	24.536	30.241	4.324	-3.932	-2.321	4.514	-10.808	5.705
U060-07G	10.300		13.498	11.566	11.896	8.594	10.607			-1.932	0.330	-3.302	2.013
U060-08A		16.115	10.872	10.390	12.280	12.131	12.418		-5.243	-0.482	1.890	-0.149	0.287
U060-08G		25.663	16.324	18.298	17.029	14.944	20.108		-9.339	1.974	-1.269	-2.085	5.164
U060-09A	6.361	5.829	5.282	5.172	4.462	4.530	5.142	-0.532	-0.547	-0.110	-0.710	0.068	0.612
U060-09G	6.882	7.011	5.179	5.883	3.842	4.382	4.433	0.129	-1.832	0.704	-2.041	0.540	0.051
U060-10A		29.286		38.132	26.243	23.162	20.335				-11.889	-3.081	-2.827
U060-10G		36.677		29.100	27.782	27.446	23.850				-1.318	-0.336	-3.596
U060-11A	55.974	52.932	49.035	50.530	50.801	48.719	45.940	-3.042	-3.897	1.495	0.271	-2.082	-2.779
U060-11G	44.990	42.036	43.501	42.128	42.367	41.166	38.814	-2.954	1.465	-1.373	0.239	-1.201	-2.352
U060-12A				21.150			7.222						
U060-12G				24.118		13.951	11.385						-2.566
U060-13A				2.711	2.459	2.098	2.049				-0.252	-0.361	-0.049
U060-13G				2.029	2.064	1.824	1.696				0.035	-0.240	-0.128
U060-14A				31.004	28.345	23.788	26.322				-2.659	-4.557	2.534
U060-14G				26.346	47.969	23.901	26.866				21.623	-24.068	2.965
U060-15A				11.245	8.961	8.561	7.690				-2.284	-0.400	-0.871
U060-15G				22.362	21.600	21.187	28.024				-0.762	-0.413	6.837
U060-16A				43.355	40.561	42.759	39.065				-2.794	2.198	-3.694
U060-16G				36.901	52.268	34.157	29.872				15.367	-18.111	-4.285
U060-17A				38.226	30.940	47.591	28.587				-7.286	16.651	-19.004
U060-17G				21.802	16.100	47.375	11.399				-5.702	31.275	-35.976
U060-18A			7.433	6.729	5.242	0.979	5.663			-0.704	-1.487	-4.263	4.684
U060-18G			17.362	16.626	14.269	8.217	15.157			-0.736	-2.357	-6.052	6.940
U060-19A			5.620	5.074	5.607	3.907	5.321			-0.546	0.533	-1.700	1.414
U060-19G			10.131	9.012	9.493	8.575	9.137			-1.119	0.481	-0.918	0.562
U060-20A				0.243	0.276	0.268	0.321				0.033	-0.008	0.053
U060-20G				0.135	0.121	0.141	0.155				-0.014	0.020	0.014
U060-21A				8.754	6.960		7.213				-1.794		
U060-21G				11.525	9.391		8.516				-2.134		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				43.226		46.627	44.776						-1.851
U060-22G				56.029		66.648	51.509						-15.139
U060-23A				20.814		18.705	14.638						-4.067
U060-23G				20.815		20.297	18.172						-2.125
U060-24A				50.121		49.634	53.955						4.321
U060-24G				58.015		50.147	54.122						3.975
Summary	**12.293**	**10.988**	**9.457**	**8.901**	**8.216**	**7.542**	**7.593**	**-1.305**	**-1.531**	**-0.556**	**-0.685**	**-0.674**	**0.051**
Significance								**0.312**	**0.008**	**0.034**	**0.070**	**0.012**	**0.920**

Table B.17 Urban 60 km/h site results for each site in each direction of travel - per cent more than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		13.582		10.880		10.287							
U060-01G		16.960		11.165		7.982	4.497						-3.485
U060-02A	0.155						1.450						
U060-02G	0.154					2.825	2.694						-0.131
U060-03A		0.049	0.039	0.052	0.056		0.038		-0.010	0.013	0.004		
U060-03G		0.052	0.064	0.055	0.039		0.046		0.012	-0.009	-0.016		
U060-04A	0.757	0.260	0.282	0.271	0.175	0.160	0.177	-0.497	0.022	-0.011	-0.096	-0.015	0.017
U060-04G	0.531	0.392	0.375	0.409	0.351	0.252	0.268	-0.139	-0.017	0.034	-0.058	-0.099	0.016
U060-05A		0.173	0.122	0.069	0.111	0.819	0.960		-0.051	-0.053	0.042	0.708	0.141
U060-05G		0.351	0.346	0.217	0.242	0.296	0.250		-0.005	-0.129	0.025	0.054	-0.046
U060-06A		1.789	1.573	1.833	1.390	1.339	1.420		-0.216	0.260	-0.443	-0.051	0.081
U060-06G		0.876	0.560	0.637	0.530	0.456	0.474		-0.316	0.077	-0.107	-0.074	0.018
U060-07A	1.370	4.369	1.489	1.371	1.251	0.788	1.210	2.999	-2.880	-0.118	-0.120	-0.463	0.422
U060-07G	0.492		0.891	0.821	0.661	0.462	0.717			-0.070	-0.160	-0.199	0.255
U060-08A		0.474	0.354	0.381	2.411	2.267	0.261		-0.120	0.027	2.030	-0.144	-2.006
U060-08G		0.759	2.013	0.557	0.403	0.350	2.242		1.254	-1.456	-0.154	-0.053	1.892
U060-09A	0.282	0.278	0.230	0.268	0.213	0.175	0.222	-0.004	-0.048	0.038	-0.055	-0.038	0.047
U060-09G	0.251	0.170	0.163	0.151	0.097	0.159	0.144	-0.081	-0.007	-0.012	-0.054	0.062	-0.015
U060-10A		1.403		4.577	1.147	1.067	0.763				-3.430	-0.080	-0.304
U060-10G		1.967		1.520	1.137	1.155	1.290				-0.383	0.018	0.135
U060-11A	21.084	15.251	11.134	10.832	9.893	8.238	8.712	-5.833	-4.117	-0.302	-0.939	-1.655	0.474
U060-11G	14.114	11.285	9.960	9.625	8.417	8.562	7.694	-2.829	-1.325	-0.335	-1.208	0.145	-0.868
U060-12A				1.979			0.487						
U060-12G				2.346		0.970	0.812						-0.158
U060-13A				0.145	0.103	0.097	0.129				-0.042	-0.006	0.032
U060-13G				0.090	0.096	0.104	0.105				0.006	0.008	0.001
U060-14A				1.784	1.589	1.183	1.345				-0.195	-0.406	0.162
U060-14G				1.822	4.473	1.260	1.437				2.651	-3.213	0.177
U060-15A				0.379	0.267	0.206	0.210				-0.112	-0.061	0.004
U060-15G				1.047	0.757	0.770	1.007				-0.290	0.013	0.237
U060-16A				2.661	2.245	2.516	1.850				-0.416	0.271	-0.666
U060-16G				2.429	3.851	1.990	1.468				1.422	-1.861	-0.522
U060-17A				3.443	1.992	30.186	1.872				-1.451	28.194	-28.314
U060-17G				1.900	1.019	13.287	0.556				-0.881	12.268	-12.731
U060-18A			0.275	0.277	0.159	0.038	0.244			0.002	-0.118	-0.121	0.206
U060-18G			0.560	0.649	0.468	0.218	0.456			0.089	-0.181	-0.250	0.238
U060-19A			0.174	0.173	0.161	0.127	0.171			-0.001	-0.012	-0.034	0.044
U060-19G			0.250	0.297	0.214	0.272	0.301			0.047	-0.083	0.058	0.029
U060-20A				0.336	0.384	0.401	0.446				0.048	0.017	0.045
U060-20G				0.059	0.057	0.097	0.086				-0.002	0.040	-0.011
U060-21A				0.436	0.282		0.305				-0.154		
U060-21G				0.514	0.401		0.308				-0.113		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				4.977		4.421	4.420						-0.001
U060-22G				8.584		14.951	6.080						-8.871
U060-23A				1.065		1.036	0.688						-0.348
U060-23G				0.960		1.111	0.864						-0.247
U060-24A				9.775		5.688	10.894						5.206
U060-24G				8.485		14.744	5.950						-8.794
Summary	**0.512**	**0.373**	**0.325**	**0.320**	**0.210**	**0.174**	**0.190**	**-0.139**	**-0.048**	**-0.005**	**-0.110**	**-0.036**	**0.016**
Significance								**0.176**	**0.030**	**0.478**	**0.002**	**0.230**	**0.668**

Table B.18 Urban 60 km/h site results for each site in each direction of travel – per cent more than 0 km/h and less than 5 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		32.253		33.302		34.895							
U060-01G		30.782		31.689		35.161	33.150						-2.011
U060-02A	2.811						21.871						
U060-02G	2.675					29.497	32.006						2.509
U060-03A		1.217	0.928	0.881	0.724		0.812		-0.289	-0.047	-0.157		
U060-03G		0.903	1.014	0.843	0.786		0.851		0.111	-0.171	-0.057		
U060-04A	12.176	10.695	9.415	8.332	7.689	6.874	7.646	-1.481	-1.280	-1.083	-0.643	-0.815	0.772
U060-04G	13.634	12.755	11.853	11.781	11.370	9.161	9.759	-0.879	-0.902	-0.072	-0.411	-2.209	0.598
U060-05A		4.498	3.212	1.471	2.930	5.837	9.025		-1.286	-1.741	1.459	2.907	3.188
U060-05G		6.907	7.075	3.634	5.681	6.017	6.051		0.168	-3.441	2.047	0.336	0.034
U060-06A		27.504	27.561	27.387	24.673	24.346	25.567		0.057	-0.174	-2.714	-0.327	1.221
U060-06G		15.079	13.923	14.645	13.593	11.992	11.790		-1.156	0.722	-1.052	-1.601	-0.202
U060-07A	26.667	28.629	26.585	24.763	29.170	20.447	24.939	1.962	-2.044	-1.822	4.407	-8.723	4.492
U060-07G	8.806		11.252	9.708	10.178	7.343	8.873			-1.544	0.470	-2.835	1.530
U060-08A		13.895	9.368	8.978	8.490	8.190	10.886		-4.527	-0.390	-0.488	-0.300	2.696
U060-08G		21.904	12.600	15.754	14.792	13.184	17.223		-9.304	3.154	-0.962	-1.608	4.039
U060-09A	5.397	4.963	4.556	4.371	3.886	3.931	4.511	-0.434	-0.407	-0.185	-0.485	0.045	0.580
U060-09G	6.051	6.184	4.623	5.113	3.361	3.835	3.938	0.133	-1.561	0.490	-1.752	0.474	0.103
U060-10A		23.474		29.651	21.508	19.190	16.924				-8.143	-2.318	-2.266
U060-10G		28.729		23.430	22.723	22.668	19.552				-0.707	-0.055	-3.116
U060-11A	33.635	32.655	32.507	33.398	34.529	33.703	31.908	-0.980	-0.148	0.891	1.131	-0.826	-1.795
U060-11G	29.744	29.141	30.119	28.700	29.804	28.546	28.031	-0.603	0.978	-1.419	1.104	-1.258	-0.515
U060-12A				16.226			5.991						
U060-12G				18.147		11.205	9.306						-1.899
U060-13A				2.258	2.058	1.737	1.718				-0.200	-0.321	-0.019
U060-13G				1.719	1.734	1.499	1.382				0.015	-0.235	-0.117
U060-14A				24.071	22.430	19.193	21.128				-1.641	-3.237	1.935
U060-14G				20.151	35.230	19.198	21.514				15.079	-16.032	2.316
U060-15A				9.520	7.794	7.490	6.765				-1.726	-0.304	-0.725
U060-15G				18.004	17.715	17.735	22.978				-0.289	0.020	5.243
U060-16A				32.588	31.067	32.754	30.796				-1.521	1.687	-1.958
U060-16G				28.098	38.789	26.917	23.885				10.691	-11.872	-3.032
U060-17A				28.499	24.774	15.152	22.923				-3.725	-9.622	7.771
U060-17G				16.815	13.057	24.241	9.375				-3.758	11.184	-14.866
U060-18A			6.382	5.722	4.543	0.849	4.915			-0.660	-1.179	-3.694	4.066
U060-18G			14.503	13.800	12.196	7.150	12.944			-0.703	-1.604	-5.046	5.794
U060-19A			5.012	4.471	4.929	3.477	4.763			-0.541	0.458	-1.452	1.286
U060-19G			8.858	7.828	8.410	7.517	8.047			-1.030	0.582	-0.893	0.530
U060-20A				0.165	0.188	0.187	0.210				0.023	-0.001	0.023
U060-20G				0.103	0.087	0.102	0.130				-0.016	0.015	0.028
U060-21A				7.336	5.898		6.145				-1.438		
U060-21G				9.539	7.909		7.246				-1.630		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				30.991		34.365	32.450						-1.915
U060-22G				37.796		38.169	36.682						-1.487
U060-23A				16.866		15.204	12.062						-3.142
U060-23G				16.796		16.347	14.922						-1.425
U060-24A				29.952		33.419	31.523						-1.896
U060-24G				36.540		28.294	36.448						8.154
Summary	**10.491**	**9.888**	**8.986**	**8.521**	**8.073**	**7.252**	**7.286**	**-0.603**	**-0.902**	**-0.466**	**-0.448**	**-0.821**	**0.034**
Significance								**0.312**	**0.010**	**0.036**	**0.098**	**0.004**	**0.348**

Table B.19 Urban 60 km/h site results for each site in each direction of travel - per cent more than 5 km/h and less than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		21.374		19.633		20.733							
U060-01G		22.249		19.981		18.159	12.308						-5.851
U060-02A	0.542						4.502						
U060-02G	0.500					8.151	8.418						0.267
U060-03A		0.170	0.147	0.118	0.138		0.103		-0.023	-0.029	0.020		
U060-03G		0.169	0.152	0.168	0.116		0.110		-0.017	0.016	-0.052		
U060-04A	2.109	1.447	1.197	1.181	0.913	0.774	0.885	-0.662	-0.250	-0.016	-0.268	-0.139	0.111
U060-04G	2.385	1.958	1.959	1.836	1.588	1.178	1.269	-0.427	0.001	-0.123	-0.248	-0.410	0.091
U060-05A		0.759	0.505	0.271	0.436	2.018	2.058		-0.254	-0.234	0.165	1.582	0.040
U060-05G		1.200	1.262	0.678	0.876	0.861	0.860		0.062	-0.584	0.198	-0.015	-0.001
U060-06A		6.139	6.403	6.011	5.009	4.906	5.192		0.264	-0.392	-1.002	-0.103	0.286
U060-06G		3.332	2.848	2.663	2.330	1.990	2.066		-0.484	-0.185	-0.333	-0.340	0.076
U060-07A	6.093	8.453	6.565	6.067	6.174	4.090	5.302	2.360	-1.888	-0.498	0.107	-2.084	1.212
U060-07G	1.493		2.246	1.858	1.718	1.251	1.734			-0.388	-0.140	-0.467	0.483
U060-08A		2.220	1.503	1.412	3.790	3.941	1.532		-0.717	-0.091	2.378	0.151	-2.409
U060-08G		3.758	3.724	2.544	2.236	1.760	2.885		-0.034	-1.180	-0.308	-0.476	1.125
U060-09A	0.963	0.867	0.726	0.802	0.576	0.600	0.631	-0.096	-0.141	0.076	-0.226	0.024	0.031
U060-09G	0.831	0.828	0.556	0.770	0.481	0.546	0.495	-0.003	-0.272	0.214	-0.289	0.065	-0.051
U060-10A		5.812		8.481	4.734	3.972	3.411				-3.747	-0.762	-0.561
U060-10G		7.947		5.670	5.059	4.778	4.298				-0.611	-0.281	-0.480
U060-11A	22.339	20.276	16.528	17.133	16.272	15.016	14.032	-2.063	-3.748	0.605	-0.861	-1.256	-0.984
U060-11G	15.245	12.895	13.382	13.428	12.563	12.620	10.783	-2.350	0.487	0.046	-0.865	0.057	-1.837
U060-12A				4.923			1.231						
U060-12G				5.971		2.745	2.079						-0.666
U060-13A				0.453	0.401	0.361	0.331				-0.052	-0.040	-0.030
U060-13G				0.310	0.330	0.325	0.314				0.020	-0.005	-0.011
U060-14A				6.933	5.916	4.595	5.194				-1.017	-1.321	0.599
U060-14G				6.195	12.740	4.703	5.352				6.545	-8.037	0.649
U060-15A				1.725	1.167	1.071	0.925				-0.558	-0.096	-0.146
U060-15G				4.358	3.885	3.452	5.047				-0.473	-0.433	1.595
U060-16A				10.766	9.494	10.005	8.269				-1.272	0.511	-1.736
U060-16G				8.803	13.479	7.239	5.987				4.676	-6.240	-1.252
U060-17A				9.727	6.166	32.438	5.664				-3.561	26.272	-26.774
U060-17G				4.987	3.043	23.135	2.024				-1.944	20.092	-21.111
U060-18A			1.051	1.007	0.698	0.130	0.748			-0.044	-0.309	-0.568	0.618
U060-18G			2.859	2.825	2.072	1.067	2.213			-0.034	-0.753	-1.005	1.146
U060-19A			0.608	0.603	0.678	0.430	0.558			-0.005	0.075	-0.248	0.128
U060-19G			1.273	1.183	1.082	1.058	1.090			-0.090	-0.101	-0.024	0.032
U060-20A				0.078	0.088	0.082	0.111				0.010	-0.006	0.029
U060-20G				0.032	0.035	0.039	0.025				0.003	0.004	-0.014
U060-21A				1.418	1.062		1.068				-0.356		
U060-21G				1.987	1.482		1.270				-0.505		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				12.235		12.262	12.326						0.064
U060-22G				18.233		28.479	14.828						-13.651
U060-23A				3.948		3.502	2.576						-0.926
U060-23G				4.019		3.950	3.250						-0.700
U060-24A				20.169		16.215	22.431						6.216
U060-24G				21.475		21.853	17.674						-4.179
Summary	**1.801**	**1.374**	**1.233**	**1.166**	**0.888**	**0.767**	**0.766**	**-0.427**	**-0.141**	**-0.067**	**-0.279**	**-0.121**	**-0.001**
Significance								**0.238**	**0.062**	**0.038**	**0.004**	**0.030**	**0.362**

Table B.20 Urban 60 km/h site results for each site in each direction of travel - vehicle count

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-01A		14836		16029		20026							
U060-01G		14086		14904		18856	23237						4381
U060-02A	73985						86487						
U060-02G	77358					99332	94143						-5189
U060-03A		63534	63985	69777	66551		66106		451	5792	-3226		
U060-03G		55580	57910	61891	58556		60262		2330	3981	-3335		
U060-04A	51356	56514	54904	58664	55874	59937	60436	5158	-1610	3760	-2790	4063	499
U060-04G	49340	51524	48501	54833	54083	53237	53727	2184	-3023	6332	-750	-846	490
U060-05A		47446	47569	53483	47652	41525	42713		123	5914	-5831	-6127	1188
U060-05G		47592	47714	53388	47934	45273	46735		122	5674	-5454	-2661	1462
U060-06A		26047	25939	26301	26831	27109	26831		-108	362	530	278	-278
U060-06G		24670	25001	24971	26050	25885	26184		331	-30	1079	-165	299
U060-07A	59134	59327	61169	69232	61697	61643	60560	193	1842	8063	-7535	-54	-1083
U060-07G	56254		57925	66049	58211	58271	56103			8124	-7838	60	-2168
U060-08A		52521	56008	59075	55409	56510	56726		3487	3067	-3666	1101	216
U060-08G		54277	57682	61608	57374	59481	54695		3405	3926	-4234	2107	-4786
U060-09A	45059	46387	46553	47774	46522	46176	45025	1328	166	1221	-1252	-346	-1151
U060-09G	44259	44586	44279	45710	45495	44664	45072	327	-307	1431	-215	-831	408
U060-10A		40709		38191	41486	41240	39842				3295	-246	-1398
U060-10G		44996		48959	45566	43110	40558				-3393	-2456	-2552
U060-11A	8286	9193	9844	11411	10927	10269	10640	907	651	1567	-484	-658	371
U060-11G	8842	9756	10432	12042	11096	10103	10424	914	676	1610	-946	-993	321
U060-12A				119104			115694						
U060-12G				137155		143512	144654						1142
U060-13A				45476	43681	46239	47391				-1795	2558	1152
U060-13G				46832	46019	48965	49633				-813	2946	668
U060-14A				43833	56510	53515	53020				12677	-2995	-495
U060-14G				43973	16523	53813	52691				-27450	37290	-1122
U060-15A				49034	57737	59176	60352				8703	1439	1176
U060-15G				43645	49138	50639	52747				5493	1501	2108
U060-16A				45280	49390	50354	52367				4110	964	2013
U060-16G				47804	19838	50239	51978				-27966	30401	1739
U060-17A				37668	35646	32853	33067				-2022	-2793	214
U060-17G				38780	37398	33357	34879				-1382	-4041	1522
U060-18A			53387	55191	50424	52173	50805			1804	-4767	1749	-1368
U060-18G			49982	53195	47817	50505	47853			3213	-5378	2688	-2652
U060-19A			58077	59582	59548	58872	58578			1505	-34	-676	-294
U060-19G			56776	58824	57369	57284	57812			2048	-1455	-85	528
U060-20A				38701	38803	39114	37680				102	311	-1434
U060-20G				40808	40394	41240	40662				-414	846	-578
U060-21A				38795	38608		40619				-187		
U060-21G				36389	37388		38903				999		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U060-22A				32929		34995	35972						977
U060-22G				31805		34085	35279						1194
U060-23A				94856		102922	100960						-1962
U060-23G				100138		106199	103725						-2474
U060-24A				97850		96577	106083						9506
U060-24G				93006		102201	98297						-3904
Summary	**50348**	**51262**	**51593**	**54733**	**53416**	**53419**	**53718**	**914**	**331**	**3140**	**-1317**	**3**	**299**
Significance								**0.018**	**0.078**	**0.000**	**0.012**	**0.556**	**0.888**

Table B.21 Rural 60 km/h site results for each site in each direction of travel - mean speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			57.919	58.335	57.554	58.069	58.683			0.417	-0.782	0.516	0.614
R060-01G			52.035	53.000	53.283	53.338	53.589			0.965	0.282	0.055	0.251
R060-02A		58.843		57.670		59.080	60.122						1.042
R060-02G		62.561		61.409			64.827						
R060-03A		70.436		68.025		67.811	67.862						0.052
R060-03G		68.607		69.736		61.461	67.599						6.138
R060-04A		51.301	51.880	51.398	50.935	54.621	51.239		0.578	-0.482	-0.463	3.686	-3.382
R060-04G		50.660	51.074	49.959	49.041	53.385	49.679		0.414	-1.115	-0.918	4.344	-3.706
R060-05A	66.799		67.389	66.336		67.228	66.067			-1.053			-1.161
R060-05G	67.730		70.096	66.888		67.196	66.001			-3.209			-1.195
R060-06A		58.687		60.156		56.958	58.933						1.975
R060-06G		52.973		53.559		58.601	52.789						-5.812
R060-07A	51.416	50.920	51.627	50.095	50.211	50.370	51.425	-0.496	0.707	-1.533	0.117	0.159	1.055
R060-07G	57.975	56.979	55.773	55.129	55.127	55.069	56.279	-0.996	-1.206	-0.643	-0.002	-0.058	1.210
R060-08A		56.926	56.215	55.980	56.051	55.814	55.997		-0.711	-0.235	0.071	-0.238	0.183
R060-08G		56.925	57.133	56.635	56.968	56.491	55.942		0.208	-0.498	0.333	-0.477	-0.549
R060-09A		49.015		47.793			50.007						
R060-09G		47.230		46.087			46.419						
R060-10A	57.378	57.651	56.295	55.520		56.254		0.273	-1.356	-0.775			
R060-10G	56.413	56.166	54.991	53.963		55.958		-0.247	-1.175	-1.028			
R060-11A			60.019	59.856		58.452	57.058			-0.163			-1.394
R060-11G			61.596	62.063		63.795	61.263			0.466			-2.531
R060-12A				62.541	62.389	55.462	61.013				-0.152	-6.927	5.551
R060-12G				60.669	60.663	55.072	61.129				-0.005	-5.591	6.057
R060-13A				60.752	61.528	61.586	62.163				0.776	0.058	0.577
R060-13G				62.512	63.430	62.468	62.131				0.918	-0.962	-0.337
R060-14A	55.587			53.010		52.656	51.847						-0.809
R060-14G	54.722			52.021		52.411	52.277						-0.134
R060-15A	57.942			52.491		52.268	52.236						-0.032
R060-15G	57.409			51.857		54.098	54.174						0.076
R060-16A	60.895		60.269	59.969		58.233	58.491			-0.300			0.258
R060-16G	59.044		59.637	58.555			57.005			-1.082			
R060-17A	49.409		49.584	49.031	49.612	49.638	49.832			-0.554	0.582	0.025	0.195
R060-17G	52.316		49.915	50.163	49.826	49.612	50.559			0.248	-0.337	-0.214	0.947
R060-18A							56.437						
R060-18G							61.125						
Summary	**57.394**	**57.022**	**56.771**	**56.245**	**56.279**	**56.263**	**56.392**	**-0.372**	**-0.252**	**-0.526**	**0.035**	**-0.017**	**0.130**
Significance								**0.272**	**0.262**	**0.010**	**0.896**	**0.576**	**0.718**

Table B.22 Rural 60 km/h site results for each site in each direction of travel - median speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			57.941	58.388	57.621	58.133	58.714			0.447	-0.767	0.512	0.581
R060-01G			52.312	53.230	53.519	53.522	53.665			0.918	0.289	0.003	0.143
R060-02A		58.801		57.699		58.599	59.520						0.921
R060-02G		62.988		61.796			64.204						
R060-03A		69.738		67.333		67.036	67.041						0.004
R060-03G		69.705		69.053		61.489	66.759						5.270
R060-04A		52.133	52.672	51.802	51.238	56.351	52.031		0.539	-0.870	-0.564	5.113	-4.320
R060-04G		51.452	51.821	50.877	50.162	55.619	50.899		0.368	-0.944	-0.716	5.457	-4.721
R060-05A	66.858		67.129	65.684		66.415	64.919			-1.445			-1.496
R060-05G	67.420		69.292	66.544		66.601	65.547			-2.748			-1.054
R060-06A		58.823		60.339		57.703	59.088						1.385
R060-06G		52.916		53.459		59.369	52.831						-6.538
R060-07A	52.378	52.088	53.093	52.378	52.384	52.750	53.459	-0.290	1.005	-0.715	0.006	0.366	0.709
R060-07G	57.785	57.351	56.336	55.786	55.789	55.844	56.935	-0.434	-1.015	-0.549	0.002	0.056	1.090
R060-08A		56.979	56.400	56.070	56.160	55.886	56.122		-0.579	-0.330	0.090	-0.274	0.235
R060-08G		56.970	57.207	56.694	57.033	56.635	56.179		0.237	-0.513	0.339	-0.397	-0.456
R060-09A		49.104		48.037			50.292						
R060-09G		47.870		46.828			47.536						
R060-10A	57.884	57.866	56.731	56.531		56.710		-0.018	-1.135	-0.201			
R060-10G	56.634	56.408	55.764	55.217		56.271		-0.226	-0.644	-0.547			
R060-11A			60.401	60.428		59.704	57.544			0.027			-2.160
R060-11G			61.507	61.992		63.642	61.224			0.485			-2.418
R060-12A				62.581	62.588	58.167	61.430				0.007	-4.421	3.263
R060-12G				61.308	60.988	55.928	61.128				-0.320	-5.060	5.201
R060-13A				60.965	61.966	61.385	62.063				1.001	-0.581	0.678
R060-13G				62.656	63.509	62.288	62.309				0.853	-1.222	0.022
R060-14A	55.983			54.899		54.544	53.547						-0.997
R060-14G	55.195			53.536		53.880	53.263						-0.616
R060-15A	58.380			53.621		53.186	53.356						0.170
R060-15G	58.039			52.899		54.819	54.830						0.011
R060-16A	61.026		60.268	59.806		58.369	58.499			-0.462			0.130
R060-16G	59.065		59.668	58.512			57.215			-1.155			
R060-17A	50.011		50.265	49.512	50.167	50.222	50.431			-0.753	0.655	0.055	0.210
R060-17G	52.457		50.343	50.523	50.224	49.977	51.001			0.180	-0.299	-0.247	1.025
R060-18A							56.439						
R060-18G							61.397						
Summary	**57.835**	**57.577**	**57.406**	**56.876**	**56.882**	**56.760**	**56.897**	**-0.258**	**-0.171**	**-0.530**	**0.007**	**-0.122**	**0.137**
Significance								**0.068**	**0.400**	**0.014**	**0.638**	**0.726**	**0.802**

Table B.23 Rural 60 km/h site results for each site in each direction of travel - 85th percentile speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			65.904	65.865	65.419	65.734	66.453			-0.039	-0.446	0.315	0.719
R060-01G			58.893	59.286	59.800	59.766	59.768			0.393	0.514	-0.034	0.002
R060-02A		65.805		64.276		65.371	66.725						1.354
R060-02G		70.366		69.080			72.468						
R060-03A		79.404		76.942		77.012	76.492						-0.519
R060-03G		79.981		78.826		69.035	76.474						7.439
R060-04A		59.072	59.438	58.764	58.394	59.151	58.987		0.366	-0.674	-0.371	0.757	-0.164
R060-04G		58.435	58.827	57.956	57.459	59.094	58.243		0.391	-0.871	-0.497	1.635	-0.851
R060-05A	80.555		81.167	78.312		79.265	78.228			-2.855			-1.038
R060-05G	80.698		83.413	78.586		78.327	76.998			-4.827			-1.329
R060-06A		64.727		66.126		63.488	64.487						0.998
R060-06G		59.132		59.408		64.758	58.727						-6.031
R060-07A	59.363	59.270	59.155	58.764	58.535	59.004	59.400	-0.093	-0.115	-0.390	-0.229	0.468	0.396
R060-07G	64.314	63.033	61.544	60.504	60.199	60.428	62.308	-1.281	-1.489	-1.041	-0.305	0.229	1.880
R060-08A		62.177	61.317	60.741	60.681	60.176	60.399		-0.861	-0.575	-0.060	-0.505	0.222
R060-08G		62.388	62.763	61.947	62.144	61.463	60.629		0.376	-0.816	0.196	-0.681	-0.834
R060-09A		56.236		54.838			57.147						
R060-09G		54.912		54.111			54.468						
R060-10A	63.876	63.694	62.762	62.639		62.214		-0.181	-0.932	-0.123			
R060-10G	62.920	62.672	62.475	61.440		61.938		-0.247	-0.197	-1.035			
R060-11A			67.798	67.935		67.574	64.538			0.137			-3.036
R060-11G			67.612	68.113		69.622	66.898			0.502			-2.724
R060-12A				69.245	69.294	64.778	68.151				0.049	-4.516	3.373
R060-12G				68.590	67.664	63.324	67.474				-0.927	-4.340	4.150
R060-13A				68.448	69.442	67.335	68.757				0.995	-2.108	1.423
R060-13G				69.323	69.894	68.431	68.465				0.571	-1.462	0.034
R060-14A	63.869			63.287		62.686	61.356						-1.330
R060-14G	62.936			61.488		61.184	61.281						0.097
R060-15A	65.991			60.656		59.685	59.700						0.015
R060-15G	66.844			61.000		62.737	62.773						0.036
R060-16A	67.241		66.141	65.692		64.161	64.474			-0.449			0.313
R060-16G	64.775		65.366	64.428			63.397			-0.938			
R060-17A	56.233		56.254	55.274	56.008	56.010	56.274			-0.980	0.735	0.001	0.265
R060-17G	58.998		56.167	56.400	55.698	55.418	56.834			0.233	-0.702	-0.280	1.416
R060-18A							63.119						
R060-18G							68.166						
Summary	**64.095**	**63.881**	**63.725**	**63.101**	**62.956**	**62.799**	**62.866**	**-0.214**	**-0.156**	**-0.625**	**-0.145**	**-0.157**	**0.067**
Significance								**0.068**	**0.400**	**0.004**	**0.826**	**0.272**	**0.442**

Table B.24 Rural 60 km/h site results for each site in each direction of travel - per cent at or below speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			61.132	59.159	63.041	60.371	57.301			-1.973	3.882	-2.670	-3.070
R060-01G			89.882	88.825	86.070	86.256	86.280			-1.057	-2.755	0.186	0.024
R060-02A		57.913		66.567		60.079	53.304						-6.775
R060-02G		31.889		38.903			25.089						
R060-03A		12.166		17.796		16.586	17.444						0.858
R060-03G		17.414		13.295		41.172	17.575						-23.597
R060-04A		89.153	87.699	90.414	91.370	95.615	89.823		-1.454	2.715	0.956	4.245	-5.792
R060-04G		91.454	90.120	92.765	93.614	94.128	92.509		-1.334	2.645	0.849	0.514	-1.619
R060-05A	31.311		29.846	30.269		26.806	29.722			0.423			2.916
R060-05G	24.699		21.319	25.668		26.075	29.620			4.349			3.545
R060-06A		58.081		47.676		68.069	56.730						-11.339
R060-06G		89.249		88.207		54.500	91.339						36.839
R060-07A	87.827	87.974	89.740	91.314	92.599	90.523	88.661	0.147	1.766	1.574	1.285	-2.076	-1.862
R060-07G	64.884	71.927	80.123	83.664	84.497	83.869	76.342	7.043	8.196	3.541	0.833	-0.628	-7.527
R060-08A		76.833	80.892	82.927	83.095	84.552	83.931		4.059	2.035	0.168	1.457	-0.621
R060-08G		75.890	73.737	78.155	76.832	80.187	83.199		-2.153	4.418	-1.323	3.355	3.012
R060-09A		95.211		96.385			94.383						
R060-09G		95.966		96.693			97.528						
R060-10A	65.240	66.308	73.748	74.881		76.757		1.068	7.440	1.133			
R060-10G	74.104	75.756	76.954	80.929		78.636		1.652	1.198	3.975			
R060-11A			47.692	47.546		51.373	64.440			-0.146			13.067
R060-11G			38.885	34.832		23.760	40.625			-4.053			16.865
R060-12A				32.700	32.851	59.533	40.670				0.151	26.682	-18.863
R060-12G				41.988	43.518	72.199	42.168				1.530	28.681	-30.031
R060-13A				44.290	38.144	39.641	35.903				-6.146	1.497	-3.738
R060-13G				32.459	26.695	32.971	32.949				-5.764	6.276	-0.022
R060-14A	71.869			75.026		76.992	81.747						4.755
R060-14G	75.854			81.284		82.111	81.749						-0.362
R060-15A	59.157			83.517		86.592	86.595						0.003
R060-15G	58.766			82.715		76.880	77.097						0.217
R060-16A	42.794		48.184	51.299		62.301	60.703			3.115			-1.598
R060-16G	56.481		52.186	60.769			69.824			8.583			
R060-17A	95.758		96.295	97.027	96.391	96.599	96.367			0.732	-0.636	0.208	-0.232
R060-17G	89.474		96.086	95.996	96.978	97.208	95.663			-0.090	0.982	0.230	-1.545
R060-18A							74.745						
R060-18G							40.806						
Summary	**65.062**	**66.422**	**67.904**	**69.709**	**70.209**	**71.195**	**70.703**	**1.360**	**1.482**	**1.805**	**0.501**	**0.986**	**-0.492**
Significance								**0.068**	**0.262**	**0.018**	**0.872**	**0.056**	**0.246**

Table B.25 Rural 60 km/h site results for each site in each direction of travel - per cent above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			38.868	40.841	36.959	39.629	42.699			1.973	-3.882	2.670	3.070
R060-01G			10.118	11.175	13.930	13.744	13.720			1.057	2.755	-0.186	-0.024
R060-02A		42.087		33.433		39.921	46.696						6.775
R060-02G		68.111		61.097			74.911						
R060-03A		87.834		82.204		83.414	82.556						-0.858
R060-03G		82.586		86.705		58.828	82.425						23.597
R060-04A		10.847	12.301	9.586	8.630	4.385	10.177		1.454	-2.715	-0.956	-4.245	5.792
R060-04G		8.546	9.880	7.235	6.386	5.872	7.491		1.334	-2.645	-0.849	-0.514	1.619
R060-05A	68.689		70.154	69.731		73.194	70.278			-0.423			-2.916
R060-05G	75.301		78.681	74.332		73.925	70.380			-4.349			-3.545
R060-06A		41.919		52.324		31.931	43.270						11.339
R060-06G		10.751		11.793		45.500	8.661						-36.839
R060-07A	12.173	12.026	10.260	8.686	7.401	9.477	11.339	-0.147	-1.766	-1.574	-1.285	2.076	1.862
R060-07G	35.116	28.073	19.877	16.336	15.503	16.131	23.658	-7.043	-8.196	-3.541	-0.833	0.628	7.527
R060-08A		23.167	19.108	17.073	16.905	15.448	16.069		-4.059	-2.035	-0.168	-1.457	0.621
R060-08G		24.110	26.263	21.845	23.168	19.813	16.801		2.153	-4.418	1.323	-3.355	-3.012
R060-09A		4.789		3.615			5.617						
R060-09G		4.034		3.307			2.472						
R060-10A	34.760	33.692	26.252	25.119		23.243		-1.068	-7.440	-1.133			
R060-10G	25.896	24.244	23.046	19.071		21.364		-1.652	-1.198	-3.975			
R060-11A			52.308	52.454		48.627	35.560			0.146			-13.067
R060-11G			61.115	65.168		76.240	59.375			4.053			-16.865
R060-12A				67.300	67.149	40.467	59.330				-0.151	-26.682	18.863
R060-12G				58.012	56.482	27.801	57.832				-1.530	-28.681	30.031
R060-13A				55.710	61.856	60.359	64.097				6.146	-1.497	3.738
R060-13G				67.541	73.305	67.029	67.051				5.764	-6.276	0.022
R060-14A	28.131			24.974		23.008	18.253						-4.755
R060-14G	24.146			18.716		17.889	18.251						0.362
R060-15A	40.843			16.483		13.408	13.405						-0.003
R060-15G	41.234			17.285		23.120	22.903						-0.217
R060-16A	57.206		51.816	48.701		37.699	39.297			-3.115			1.598
R060-16G	43.519		47.814	39.231			30.176			-8.583			
R060-17A	4.242		3.705	2.973	3.609	3.401	3.633			-0.732	0.636	-0.208	0.232
R060-17G	10.526		3.914	4.004	3.022	2.792	4.337			0.090	-0.982	-0.230	1.545
R060-18A							25.255						
R060-18G							59.194						
Summary	**34.938**	**33.578**	**32.096**	**30.292**	**29.791**	**28.806**	**29.297**	**-1.360**	**-1.482**	**-1.805**	**-0.501**	**-0.986**	**0.492**
Significance								**0.068**	**0.262**	**0.018**	**0.872**	**0.056**	**0.246**

Table B.26 Rural 60 km/h site results for each site in each direction of travel – per cent up to 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			32.779	35.258	31.784	33.948	36.144			2.479	-3.474	2.164	2.196
R060-01G			9.452	10.419	12.859	12.648	12.666			0.967	2.440	-0.211	0.018
R060-02A		35.501		29.044		33.933	39.029						5.096
R060-02G		52.379		49.524			53.961						
R060-03A		38.993		44.752		46.868	46.359						-0.509
R060-03G		33.738		41.081		47.217	47.522						0.305
R060-04A		10.433	11.691	9.255	8.331	4.221	9.700		1.258	-2.436	-0.924	-4.110	5.479
R060-04G		8.251	9.537	7.035	6.246	5.703	7.257		1.286	-2.502	-0.789	-0.543	1.554
R060-05A	28.494		29.077	34.231		36.859	36.146			5.154			-0.713
R060-05G	34.098		30.982	38.279		36.822	37.312			7.297			0.490
R060-06A		38.635		47.834		30.541	40.781						10.240
R060-06G		10.031		11.062		42.693	8.286						-34.407
R060-07A	10.786	10.578	9.291	7.934	6.879	8.780	10.548	-0.208	-1.287	-1.357	-1.055	1.901	1.768
R060-07G	31.275	26.482	18.885	15.540	14.835	15.455	22.458	-4.793	-7.597	-3.345	-0.705	0.620	7.003
R060-08A		22.294	18.474	16.431	16.254	14.918	15.507		-3.820	-2.043	-0.177	-1.336	0.589
R060-08G		23.071	24.369	20.970	22.509	19.185	16.467		1.298	-3.399	1.539	-3.324	-2.718
R060-09A		4.549		3.460			5.399						
R060-09G		3.716		3.052			2.338						
R060-10A	32.702	31.933	25.112	23.888		22.293		-0.769	-6.821	-1.224			
R060-10G	24.018	22.376	21.194	17.803		20.238		-1.642	-1.182	-3.391			
R060-11A			44.035	43.626		40.819	31.672			-0.409			-9.147
R060-11G			54.560	57.492		63.303	54.325			2.932			-8.978
R060-12A				55.642	55.278	37.626	51.198				-0.364	-17.652	13.572
R060-12G				47.877	49.090	25.768	51.126				1.213	-23.322	25.358
R060-13A				45.720	48.953	54.445	54.037				3.233	5.492	-0.408
R060-13G				55.600	58.850	58.800	58.755				3.250	-0.050	-0.045
R060-14A	23.394			21.577		20.396	15.854						-4.542
R060-14G	21.420			16.474		16.276	16.389						0.113
R060-15A	34.805			14.701		12.191	12.032						-0.159
R060-15G	33.668			15.581		20.399	20.032						-0.367
R060-16A	50.948		46.898	44.036		35.280	36.225			-2.862			0.945
R060-16G	40.080		43.805	36.191			28.409			-7.614			
R060-17A	4.102		3.555	2.826	3.476	3.273	3.487			-0.729	0.650	-0.203	0.214
R060-17G	9.534		3.794	3.814	2.903	2.675	4.184			0.020	-0.911	-0.228	1.509
R060-18A							22.058						
R060-18G							50.728						
Summary	**29.885**	**28.679**	**27.445**	**26.154**	**25.884**	**25.664**	**25.924**	**-1.206**	**-1.235**	**-1.291**	**-0.271**	**-0.220**	**0.260**
Significance								**0.068**	**0.262**	**0.250**	**0.726**	**0.272**	**0.276**

Table B.27 Rural 60 km/h site results for each site in each direction of travel - per cent more than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			6.089	5.583	5.176	5.681	6.555			-0.506	-0.407	0.505	0.874
R060-01G			0.666	0.756	1.071	1.095	1.055			0.090	0.315	0.024	-0.040
R060-02A		6.586		4.388		5.988	7.667						1.679
R060-02G		15.732		11.572			20.951						
R060-03A		48.841		37.452		36.524	36.196						-0.328
R060-03G		48.849		45.624		11.611	34.904						23.293
R060-04A		0.414	0.610	0.331	0.299	0.164	0.477		0.196	-0.279	-0.032	-0.135	0.313
R060-04G		0.294	0.343	0.200	0.141	0.169	0.234		0.049	-0.143	-0.059	0.028	0.065
R060-05A	40.195		41.077	35.499		36.335	34.132			-5.578			-2.203
R060-05G	41.202		47.699	36.053		37.103	33.068			-11.646			-4.035
R060-06A		3.284		4.489		1.390	2.489						1.099
R060-06G		0.720		0.732		2.807	0.375						-2.432
R060-07A	1.387	1.448	0.968	0.752	0.523	0.697	0.792	0.061	-0.480	-0.216	-0.229	0.174	0.095
R060-07G	3.840	1.591	0.992	0.796	0.668	0.676	1.201	-2.249	-0.599	-0.196	-0.128	0.008	0.525
R060-08A		0.873	0.634	0.642	0.651	0.531	0.562		-0.239	0.008	0.009	-0.120	0.031
R060-08G		1.039	1.894	0.874	0.659	0.628	0.334		0.855	-1.020	-0.215	-0.031	-0.294
R060-09A		0.240		0.155			0.218						
R060-09G		0.318		0.256			0.133						
R060-10A	2.058	1.758	1.140	1.232		0.949		-0.300	-0.618	0.092			
R060-10G	1.878	1.868	1.852	1.267		1.126		-0.010	-0.016	-0.585			
R060-11A			8.272	8.827		7.805	3.888			0.555			-3.917
R060-11G			6.555	7.675		12.937	5.049			1.120			-7.888
R060-12A				11.658	11.871	2.841	8.132				0.213	-9.030	5.291
R060-12G				10.135	7.391	2.031	6.706				-2.744	-5.360	4.675
R060-13A				9.990	12.903	5.914	10.060				2.913	-6.989	4.146
R060-13G				11.941	14.455	8.229	8.296				2.514	-6.226	0.067
R060-14A	4.737			3.397		2.612	2.399						-0.213
R060-14G	2.726			2.242		1.613	1.862						0.249
R060-15A	6.038			1.782		1.217	1.374						0.157
R060-15G	7.566			1.704		2.721	2.870						0.149
R060-16A	6.258		4.917	4.665		2.419	3.072			-0.252			0.653
R060-16G	3.439		4.009	3.041			1.766			-0.968			
R060-17A	0.140		0.150	0.146	0.133	0.128	0.146			-0.004	-0.013	-0.005	0.018
R060-17G	0.993		0.120	0.190	0.119	0.117	0.153			0.070	-0.071	-0.002	0.036
R060-18A							3.197						
R060-18G							8.466						
Summary	**3.640**	**3.485**	**3.357**	**3.151**	**3.106**	**3.088**	**3.169**	**-0.155**	**-0.128**	**-0.206**	**-0.046**	**-0.018**	**0.081**
Significance								**0.272**	**0.484**	**0.058**	**0.596**	**0.176**	**0.254**

Table B.28 Rural 60 km/h site results for each site in each direction of travel – per cent more than 0 km/h and less than 5 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			21.900	23.871	21.061	23.026	24.240			1.971	-2.810	1.965	1.214
R060-01G			7.627	8.228	9.996	10.089	10.035			0.601	1.768	0.093	-0.054
R060-02A		25.473		21.554		24.198	27.833						3.635
R060-02G		30.303		30.888			29.628						
R060-03A		16.867		21.231		24.151	23.038						-1.113
R060-03G		14.227		17.982		29.652	24.234						-5.418
R060-04A		8.717	9.686	7.835	7.131	3.622	8.024		0.969	-1.851	-0.704	-3.509	4.402
R060-04G		6.888	7.958	6.050	5.436	4.816	6.304		1.070	-1.908	-0.614	-0.620	1.488
R060-05A	12.893		13.538	17.433		17.801	20.614			3.895			2.813
R060-05G	17.049		14.724	18.101		17.850	18.302			3.377			0.452
R060-06A		28.473		34.268		24.268	31.504						7.236
R060-06G		8.120		9.152		32.050	6.952						-25.098
R060-07A	8.175	7.991	7.462	6.403	5.820	7.262	8.828	-0.184	-0.529	-1.059	-0.583	1.442	1.566
R060-07G	23.313	21.553	15.789	13.265	12.643	13.204	18.758	-1.760	-5.764	-2.524	-0.622	0.561	5.554
R060-08A		18.755	15.601	13.981	13.988	12.724	13.412		-3.154	-1.620	0.007	-1.264	0.688
R060-08G		19.078	20.379	17.574	19.051	16.449	14.316		1.301	-2.805	1.477	-2.602	-2.133
R060-09A		3.778		2.874			4.612						
R060-09G		2.939		2.420			1.969						
R060-10A	25.493	25.299	20.370	19.174		18.612		-0.194	-4.929	-1.196			
R060-10G	18.660	17.297	16.253	14.135		16.416		-1.363	-1.044	-2.118			
R060-11A			28.758	28.682		25.990	22.653			-0.076			-3.337
R060-11G			36.881	38.080		36.027	38.289			1.199			2.262
R060-12A				33.515	33.132	26.651	32.625				-0.383	-6.481	5.974
R060-12G				30.619	32.806	19.253	34.708				2.187	-13.553	15.455
R060-13A				29.580	30.150	37.399	34.161				0.570	7.249	-3.238
R060-13G				33.022	33.205	37.218	36.920				0.183	4.013	-0.298
R060-14A	16.970			15.171		14.908	11.995						-2.913
R060-14G	15.578			12.485		12.195	12.690						0.495
R060-15A	23.628			11.296		8.864	9.555						0.691
R060-15G	21.890			11.430		14.836	14.251						-0.585
R060-16A	35.105		33.836	32.041		27.277	27.155			-1.795			-0.122
R060-16G	29.860		31.946	27.362			22.338			-4.584			
R060-17A	3.497		3.110	2.454	3.054	2.842	3.007			-0.656	0.600	-0.212	0.165
R060-17G	7.507		3.302	3.300	2.493	2.309	3.695			-0.002	-0.807	-0.184	1.386
R060-18A							16.439						
R060-18G							32.916						
Summary	**17.855**	**17.076**	**16.290**	**15.162**	**14.974**	**14.776**	**15.368**	**-0.779**	**-0.787**	**-1.128**	**-0.188**	**-0.198**	**0.592**
Significance								**0.068**	**0.326**	**0.184**	**0.826**	**0.596**	**0.200**

Table B.29 Rural 60 km/h site results for each site in each direction of travel - per cent more than 5 km/h and less than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			10.879	11.387	10.722	10.922	11.904			0.508	-0.665	0.200	0.982
R060-01G			1.825	2.190	2.863	2.560	2.631			0.365	0.673	-0.303	0.071
R060-02A		10.028		7.490		9.735	11.196						1.461
R060-02G		22.075		18.636			24.333						
R060-03A		22.126		23.521		22.717	23.322						0.605
R060-03G		19.511		23.099		17.564	23.288						5.724
R060-04A		1.716	2.005	1.420	1.200	0.600	1.676		0.289	-0.585	-0.220	-0.600	1.076
R060-04G		1.364	1.579	0.985	0.810	0.887	0.954		0.215	-0.594	-0.175	0.077	0.067
R060-05A	15.601		15.538	16.799		19.058	15.532			1.261			-3.526
R060-05G	17.049		16.258	20.178		18.972	19.010			3.920			0.038
R060-06A		10.162		13.566		6.273	9.277						3.004
R060-06G		1.911		1.909		10.642	1.334						-9.308
R060-07A	2.611	2.587	1.829	1.531	1.058	1.518	1.719	-0.024	-0.758	-0.298	-0.473	0.460	0.201
R060-07G	7.963	4.929	3.096	2.275	2.192	2.250	3.699	-3.034	-1.833	-0.821	-0.083	0.058	1.449
R060-08A		3.539	2.873	2.450	2.266	2.193	2.095		-0.666	-0.423	-0.184	-0.073	-0.098
R060-08G		3.993	3.990	3.396	3.458	2.736	2.151		-0.003	-0.594	0.062	-0.722	-0.585
R060-09A		0.771		0.586			0.787						
R060-09G		0.777		0.632			0.370						
R060-10A	7.209	6.635	4.742	4.713		3.681		-0.574	-1.893	-0.029			
R060-10G	5.358	5.079	4.941	3.669		3.822		-0.279	-0.138	-1.272			
R060-11A			15.277	14.945		14.828	9.019			-0.332			-5.809
R060-11G			17.679	19.412		27.276	16.037			1.733			-11.239
R060-12A				22.127	22.146	10.974	18.573				0.019	-11.172	7.599
R060-12G				17.258	16.285	6.515	16.418				-0.973	-9.770	9.903
R060-13A				16.139	18.803	17.046	19.877				2.664	-1.757	2.831
R060-13G				22.578	25.646	21.582	21.835				3.068	-4.064	0.253
R060-14A	6.424			6.406		5.488	3.859						-1.629
R060-14G	5.842			3.989		4.081	3.699						-0.382
R060-15A	11.178			3.405		3.327	2.477						-0.850
R060-15G	11.778			4.151		5.563	5.781						0.218
R060-16A	15.843		13.062	11.995		8.003	9.070			-1.067			1.067
R060-16G	10.220		11.859	8.828			6.072			-3.031			
R060-17A	0.606		0.444	0.372	0.422	0.431	0.480			-0.072	0.050	0.009	0.049
R060-17G	2.027		0.492	0.513	0.410	0.366	0.490			0.021	-0.103	-0.044	0.124
R060-18A							5.619						
R060-18G							17.812						
Summary	**7.586**	**7.160**	**6.758**	**6.443**	**6.350**	**6.162**	**6.324**	**-0.427**	**-0.402**	**-0.315**	**-0.093**	**-0.188**	**0.163**
Significance								**0.068**	**0.124**	**0.326**	**0.596**	**0.064**	**0.308**

Table B.30 Rural 60 km/h site results for each site in each direction of travel - vehicle count

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R060-01A			10461	10389	8347	8625	8787			-72	-2042	278	162
R060-01G			10358	10318	8313	8673	8819			-40	-2005	360	146
R060-02A		16763		17797		18018	19355						1337
R060-02G		16711		17654			19188						
R060-03A		4488		4192		4534	5274						740
R060-03G		4864		4182		4401	5286						885
R060-04A		35264	34411	19935	20753	37194	37949		-853	-14476	818	16441	755
R060-04G		24129	26538	17968	17036	28408	29047		2409	-8570	-932	11372	639
R060-05A	923		650	631		955	1043			-19			88
R060-05G	915		652	674		1070	1131			22			61
R060-06A		52804		57047		56259	59494						3235
R060-06G		55010		59449		58455	62057						3602
R060-07A	25163	25354	25917	29782	30239	27994	27921	191	563	3865	457	-2245	-73
R060-07G	26612	27022	28033	31782	30246	29596	29816	410	1011	3749	-1536	-650	220
R060-08A		29784	29658	29755	28417	27129	30450		-126	97	-1338	-1288	3321
R060-08G		28677	27666	28707	27011	25624	28737		-1011	1041	-1696	-1387	3113
R060-09A		35021		36187			34451						
R060-09G		37083		37522			36779						
R060-10A	26384	26045	26402	25821		25806		-339	357	-581			
R060-10G	22042	20929	21171	21069		22107		-1113	242	-102			
R060-11A			58001	46197		64039	66595			-11804			2556
R060-11G			60563	63424		62787	65949			2861			3162
R060-12A				59033	55337	58856	61374				-3696	3519	2518
R060-12G				49750	59584	71869	64431				9834	12285	-7438
R060-13A				49749	40106	52552	62742				-9643	12446	10190
R060-13G				55279	53658	51478	58099				-1621	-2180	6621
R060-14A	3082			3856		3790	3835						45
R060-14G	3338			4237		4092	4082						-10
R060-15A	4008			4993		4930	4804						-126
R060-15G	4084			4987		4961	4947						-14
R060-16A	27053		27453	28254		26916	26857			801			-59
R060-16G	28004		29008	29994			28311			986			
R060-17A	30056		29932	30108	30781	31317	32893			176	673	536	1576
R060-17G	29212		29283	29420	30240	30837	32047			137	820	597	1210
R060-18A							34065						
R060-18G							33382						
Summary	**23603**	**23529**	**23828**	**23888**	**22451**	**22899**	**23646**	**-74**	**300**	**60**	**-1437**	**448**	**748**
Significance								**0.712**	**0.442**	**0.616**	**0.074**	**0.272**	**0.000**

Table B.31 Urban 80 km/h site results for each site in each direction of travel - mean speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	74.733	72.749	71.074		68.781	72.709	70.644	-1.984	-1.675			3.928	-2.065
U080-01G	71.488	71.743	72.556	67.503	70.367	68.849	73.167	0.255	0.814	-5.053	2.864	-1.519	4.319
U080-02A				81.125		74.123	80.536						6.413
U080-02G				78.367		73.378	80.788						7.410
U080-03A	77.669	77.958	77.736	76.954	76.348	76.398	77.290	0.289	-0.222	-0.782	-0.607	0.050	0.892
U080-03G	79.112	78.171	79.105	79.124	77.697	77.770	78.572	-0.941	0.934	0.019	-1.427	0.073	0.802
U080-04A		76.078	73.820	73.912	73.150	73.370	73.021		-2.258	0.092	-0.762	0.220	-0.349
U080-04G		75.917	74.485	74.344	73.387	73.882	73.016		-1.433	-0.140	-0.957	0.495	-0.867
U080-05A		69.341	68.511	68.853	67.377	64.239			-0.830	0.342	-1.476	-3.138	
U080-05G						65.330							
U080-06A				71.525		70.854	71.561						0.707
U080-06G				71.029		72.143	71.597						-0.546
U080-07A	72.729		77.775	75.548	75.870	74.741	77.713			-2.227	0.322	-1.129	2.972
U080-07G	79.420		77.999	77.623	75.283	76.485	75.293			-0.376	-2.340	1.201	-1.191
U080-08A				78.217		76.645	74.286						-2.359
U080-08G				77.540		78.691	76.225						-2.465
U080-09A				78.441		79.565	79.115						-0.451
U080-09G				73.455		73.478	74.349						0.871
U080-10A				76.871	75.280	77.226	76.878				-1.592	1.946	-0.348
U080-10G				76.358	78.859		83.233				2.501		
U080-11A				72.256		73.908	73.330						-0.578
U080-11G				72.600		69.364	71.066						1.702
U080-12A				74.772		79.850	75.131						-4.719
U080-12G				79.050		78.561	79.968						1.407
U080-13A				80.311		83.167	80.669						-2.498
U080-13G				77.131		75.735	77.493						1.758
U080-14A				81.020		78.523	77.617						-0.905
U080-14G				78.441		80.440	78.417						-2.023
U080-15A				74.917		76.028	79.733						3.705
U080-15G				75.349		76.974	76.517						-0.457
U080-16A							80.908						
U080-16G							79.110						
U080-17A							75.385						
U080-17G							74.777						
Summary	**76.201**	**75.858**	**75.028**	**74.770**	**73.911**	**74.057**	**73.708**	**-0.343**	**-0.830**	**-0.258**	**-0.860**	**0.147**	**-0.349**
Significance								**0.466**	**0.176**	**0.124**	**0.448**	**0.510**	**0.734**

Table B.32 Urban 80 km/h site results for each site in each direction of travel - median speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	75.671	73.762	73.450		70.971	73.369	71.595	-1.908	-0.312			2.399	-1.774
U080-01G	76.336	77.368	76.847	74.295	74.606	73.777	75.471	1.031	-0.521	-2.552	0.311	-0.829	1.694
U080-02A				81.441		75.031	80.759						5.728
U080-02G				79.000		73.088	80.605						7.517
U080-03A	77.827	78.028	77.917	77.202	76.867	76.883	77.549	0.200	-0.111	-0.715	-0.335	0.015	0.666
U080-03G	78.882	78.090	78.916	79.063	77.793	77.933	78.511	-0.792	0.826	0.148	-1.270	0.139	0.579
U080-04A		76.691	74.984	74.977	74.302	74.282	74.207		-1.706	-0.007	-0.675	-0.021	-0.075
U080-04G		76.861	75.597	75.674	74.775	75.175	74.145		-1.265	0.078	-0.900	0.400	-1.029
U080-05A		70.896	70.666	70.292	69.035	64.394			-0.231	-0.373	-1.258	-4.640	
U080-05G						65.112							
U080-06A				73.324		72.600	72.330						-0.270
U080-06G				71.551		72.670	72.209						-0.461
U080-07A	73.367		78.000	75.847	76.208	75.092	78.016			-2.153	0.361	-1.116	2.924
U080-07G	79.438		78.125	77.943	75.699	76.806	75.848			-0.182	-2.244	1.107	-0.958
U080-08A				78.001		76.612	74.820						-1.792
U080-08G				77.610		78.676	76.396						-2.279
U080-09A				78.612		79.448	79.100						-0.348
U080-09G				73.943		73.956	74.869						0.913
U080-10A				77.261	75.760	77.465	76.905				-1.501	1.704	-0.559
U080-10G				77.273	79.128		83.413				1.855		
U080-11A				75.254		75.272	76.901						1.629
U080-11G				74.767		71.145	73.777						2.632
U080-12A				75.042		79.691	75.569						-4.122
U080-12G				78.900		78.453	79.802						1.349
U080-13A				80.035		82.890	80.517						-2.373
U080-13G				77.300		75.695	77.676						1.982
U080-14A				81.143		78.017	77.801						-0.217
U080-14G				78.413		80.000	78.589						-1.411
U080-15A				75.336		76.034	79.920						3.887
U080-15G				75.755		76.873	76.941						0.068
U080-16A							80.417						
U080-16G							78.688						
U080-17A							75.941						
U080-17G							75.480						
Summary	**77.082**	**76.786**	**76.474**	**76.196**	**75.409**	**75.486**	**75.411**	**-0.296**	**-0.312**	**-0.278**	**-0.788**	**0.077**	**-0.075**
Significance								**0.712**	**0.128**	**0.068**	**0.138**	**0.718**	**0.562**

Table B.33 Urban 80 km/h site results for each site in each direction of travel - 85th percentile speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	82.927	80.391	80.411		76.970	79.334	77.453	-2.535	0.020			2.364	-1.881
U080-01G	83.053	84.293	84.140	81.142	81.061	79.789	81.504	1.240	-0.153	-2.999	-0.080	-1.273	1.715
U080-02A				87.710		82.094	86.929						4.835
U080-02G				84.861		80.562	87.898						7.336
U080-03A	84.732	84.562	84.406	83.636	83.178	83.051	83.834	-0.170	-0.156	-0.770	-0.457	-0.127	0.782
U080-03G	86.298	84.562	85.150	85.113	83.948	84.046	84.421	-1.736	0.589	-0.038	-1.165	0.098	0.375
U080-04A		83.929	82.142	82.092	81.218	81.059	80.259		-1.787	-0.050	-0.875	-0.159	-0.800
U080-04G		83.555	82.449	82.446	81.002	81.247	79.985		-1.107	-0.003	-1.444	0.245	-1.261
U080-05A		78.894	78.448	78.385	77.208	69.724			-0.446	-0.063	-1.177	-7.484	
U080-05G						69.925							
U080-06A				80.532		79.271	78.850						-0.421
U080-06G				78.838		79.668	79.158						-0.510
U080-07A	81.240		85.273	83.501	83.469	81.585	84.655			-1.772	-0.032	-1.884	3.069
U080-07G	86.989		85.306	84.903	82.865	83.435	82.555			-0.403	-2.038	0.569	-0.879
U080-08A				84.814		83.211	81.156						-2.055
U080-08G				84.900		85.680	83.330						-2.350
U080-09A				84.996		85.662	84.983						-0.679
U080-09G				79.996		81.691	82.674						0.983
U080-10A				84.526	82.207	84.080	84.542				-2.320	1.873	0.462
U080-10G				83.774	85.072		89.595				1.298		
U080-11A				82.269		81.784	83.792						2.008
U080-11G				82.960		79.260	82.864						3.603
U080-12A				82.414		86.543	82.352						-4.191
U080-12G				84.774		84.453	85.761						1.308
U080-13A				86.584		89.130	87.242						-1.888
U080-13G				83.727		82.822	84.166						1.343
U080-14A				89.488		86.537	85.978						-0.559
U080-14G				85.654		89.799	86.628						-3.170
U080-15A				81.112		82.529	86.848						4.320
U080-15G				83.251		83.121	83.479						0.359
U080-16A							87.972						
U080-16G							84.858						
U080-17A							83.269						
U080-17G							82.864						
Summary	**83.893**	**82.940**	**82.784**	**82.551**	**81.531**	**81.516**	**81.875**	**-0.953**	**-0.156**	**-0.233**	**-1.020**	**-0.015**	**0.359**
Significance								**0.272**	**0.176**	**0.012**	**0.036**	**0.880**	**0.646**

Table B.34 Urban 80 km/h site results for each site in each direction of travel - per cent at or below speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	75.200	84.084	84.049		95.240	88.694	94.864	8.884	-0.035			-6.546	6.170
U080-01G	73.236	64.727	67.372	81.919	82.071	86.248	80.440	-8.509	2.645	14.547	0.152	4.177	-5.808
U080-02A				39.688		78.686	44.789						-33.897
U080-02G				57.099		83.788	46.436						-37.352
U080-03A	64.274	63.759	64.299	70.616	72.898	73.544	68.377	-0.515	0.540	6.317	2.282	0.646	-5.167
U080-03G	57.424	63.899	57.687	56.336	66.717	65.408	61.502	6.475	-6.212	-1.351	10.381	-1.309	-3.906
U080-04A		70.739	79.424	79.272	82.027	82.566	84.373		8.685	-0.152	2.755	0.539	1.807
U080-04G		71.069	77.422	77.494	82.529	81.844	85.088		6.353	0.072	5.035	-0.685	3.244
U080-05A		89.159	90.817	90.678	93.902	99.064			1.658	-0.139	3.224	5.162	
U080-05G						99.359							
U080-06A				83.754		88.519	90.229						1.710
U080-06G				89.712		86.571	88.843						2.272
U080-07A	82.154		61.657	73.282	72.908	80.640	62.425			11.625	-0.374	7.732	-18.215
U080-07G	53.112		61.034	62.170	75.499	71.719	76.701			1.136	13.329	-3.780	4.982
U080-08A				63.479		73.898	82.014						8.116
U080-08G				64.470		58.427	73.368						14.941
U080-09A				58.869		53.819	56.267						2.448
U080-09G				85.022		80.763	76.912						-3.851
U080-10A				65.252	77.891	66.412	67.628				12.639	-11.479	1.216
U080-10G				68.716	55.731		26.765				-12.985		
U080-11A				77.928		79.670	68.892						-10.778
U080-11G				75.585		87.994	76.276						-11.718
U080-12A				77.814		51.909	77.740						25.831
U080-12G				57.941		61.514	51.360						-10.154
U080-13A				49.785		28.545	46.750						18.205
U080-13G				69.078		75.352	66.055						-9.297
U080-14A				44.050		60.746	61.673						0.927
U080-14G				60.092		49.978	57.870						7.892
U080-15A				81.969		76.474	50.457						-26.017
U080-15G				73.439		73.008	70.430						-2.578
U080-16A							47.642						
U080-16G							61.203						
U080-17A							74.428						
U080-17G							76.312						
Summary	**68.755**	**71.735**	**73.393**	**73.997**	**76.987**	**76.914**	**77.841**	**2.980**	**1.658**	**0.604**	**2.990**	**-0.073**	**0.927**
Significance								**0.712**	**0.176**	**0.262**	**0.092**	**0.802**	**0.374**

Table B.35 Urban 80 km/h site results for each site in each direction of travel - per cent above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	24.800	15.916	15.951		4.760	11.306	5.136	-8.884	0.035			6.546	-6.170
U080-01G	26.764	35.273	32.628	18.081	17.929	13.752	19.560	8.509	-2.645	-14.547	-0.152	-4.177	5.808
U080-02A				60.312		21.314	55.211						33.897
U080-02G				42.901		16.212	53.564						37.352
U080-03A	35.726	36.241	35.701	29.384	27.102	26.456	31.623	0.515	-0.540	-6.317	-2.282	-0.646	5.167
U080-03G	42.576	36.101	42.313	43.664	33.283	34.592	38.498	-6.475	6.212	1.351	-10.381	1.309	3.906
U080-04A		29.261	20.576	20.728	17.973	17.434	15.627		-8.685	0.152	-2.755	-0.539	-1.807
U080-04G		28.931	22.578	22.506	17.471	18.156	14.912		-6.353	-0.072	-5.035	0.685	-3.244
U080-05A		10.841	9.183	9.322	6.098	0.936			-1.658	0.139	-3.224	-5.162	
U080-05G						0.641							
U080-06A				16.246		11.481	9.771						-1.710
U080-06G				10.288		13.429	11.157						-2.272
U080-07A	17.846		38.343	26.718	27.092	19.360	37.575			-11.625	0.374	-7.732	18.215
U080-07G	46.888		38.966	37.830	24.501	28.281	23.299			-1.136	-13.329	3.780	-4.982
U080-08A				36.521		26.102	17.986						-8.116
U080-08G				35.530		41.573	26.632						-14.941
U080-09A				41.131		46.181	43.733						-2.448
U080-09G				14.978		19.237	23.088						3.851
U080-10A				34.748	22.109	33.588	32.372				-12.639	11.479	-1.216
U080-10G				31.284	44.269		73.235				12.985		
U080-11A				22.072		20.330	31.108						10.778
U080-11G				24.415		12.006	23.724						11.718
U080-12A				22.186		48.091	22.260						-25.831
U080-12G				42.059		38.486	48.640						10.154
U080-13A				50.215		71.455	53.250						-18.205
U080-13G				30.922		24.648	33.945						9.297
U080-14A				55.950		39.254	38.327						-0.927
U080-14G				39.908		50.022	42.130						-7.892
U080-15A				18.031		23.526	49.543						26.017
U080-15G				26.561		26.992	29.570						2.578
U080-16A							52.358						
U080-16G							38.797						
U080-17A							25.572						
U080-17G							23.688						
Summary	**31.245**	**28.265**	**26.607**	**26.003**	**23.014**	**23.087**	**22.160**	**-2.980**	**-1.658**	**-0.604**	**-2.990**	**0.073**	**-0.927**
Significance								**0.712**	**0.176**	**0.262**	**0.092**	**0.802**	**0.374**

Table B.36 Urban 80 km/h site results for each site in each direction of travel – per cent up to 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	22.534	14.742	14.738		4.497	10.726	4.843	-7.792	-0.004			6.229	-5.883
U080-01G	24.966	32.200	29.514	17.065	17.045	13.150	18.642	7.234	-2.686	-12.449	-0.020	-3.895	5.492
U080-02A				53.366		19.600	49.591						29.991
U080-02G				38.942		14.464	45.183						30.719
U080-03A	30.776	31.826	31.463	26.188	24.671	24.331	28.588	1.050	-0.363	-5.275	-1.517	-0.340	4.257
U080-03G	35.142	31.564	36.554	38.465	29.854	31.640	34.684	-3.578	4.990	1.911	-8.611	1.786	3.044
U080-04A		24.875	17.332	17.762	15.430	14.596	14.724		-7.543	0.430	-2.332	-0.834	0.128
U080-04G		25.728	19.673	19.701	15.373	15.840	13.142		-6.055	0.028	-4.328	0.467	-2.698
U080-05A		9.192	8.419	8.092	5.579	0.847			-0.773	-0.327	-2.513	-4.732	
U080-05G						0.584							
U080-06A				15.065		10.839	9.225						-1.614
U080-06G				9.725		12.723	10.539						-2.184
U080-07A	15.493		32.774	23.073	23.764	17.598	33.271			-9.701	0.691	-6.166	15.673
U080-07G	39.919		33.587	32.973	22.050	25.583	21.152			-0.614	-10.923	3.533	-4.431
U080-08A				31.564		23.419	16.639						-6.780
U080-08G				30.281		35.927	23.722						-12.205
U080-09A				36.629		41.392	39.552						-1.840
U080-09G				13.825		16.994	20.583						3.589
U080-10A				30.949	20.475	30.561	27.622				-10.474	10.086	-2.939
U080-10G				28.520	40.189		60.369				11.669		
U080-11A				20.141		18.864	28.435						9.571
U080-11G				21.685		10.805	20.921						10.116
U080-12A				19.990		42.238	20.241						-21.997
U080-12G				38.395		35.077	43.949						8.872
U080-13A				44.316		60.518	46.625						-13.893
U080-13G				28.209		22.591	30.670						8.079
U080-14A				42.649		31.557	31.394						-0.163
U080-14G				34.063		35.570	35.035						-0.535
U080-15A				16.909		21.614	43.478						21.864
U080-15G				24.152		24.772	27.185						2.413
U080-16A							43.577						
U080-16G							34.632						
U080-17A							22.187						
U080-17G							20.644						
Summary	**27.871**	**26.607**	**25.834**	**25.364**	**22.941**	**23.005**	**23.133**	**-1.264**	**-0.773**	**-0.471**	**-2.423**	**0.064**	**0.128**
Significance								**0.712**	**0.128**	**0.208**	**0.114**	**0.802**	**0.336**

Table B.37 Urban 80 km/h site results for each site in each direction of travel - per cent more than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	2.266	1.174	1.213		0.263	0.580	0.293	-1.092	0.039			0.317	-0.287
U080-01G	1.798	3.073	3.114	1.016	0.884	0.602	0.917	1.275	0.041	-2.098	-0.132	-0.282	0.315
U080-02A				6.946		1.707	5.620						3.913
U080-02G				3.959		1.744	8.381						6.637
U080-03A	4.950	4.415	4.238	3.196	2.431	2.125	3.035	-0.535	-0.177	-1.042	-0.765	-0.306	0.910
U080-03G	7.433	4.537	5.759	5.199	3.429	2.953	3.815	-2.896	1.222	-0.560	-1.770	-0.476	0.862
U080-04A		4.386	3.244	2.967	2.543	2.838	0.904		-1.142	-0.277	-0.424	0.295	-1.934
U080-04G		3.203	2.905	2.804	2.098	2.316	1.770		-0.298	-0.101	-0.706	0.218	-0.546
U080-05A		1.649	0.763	1.229	0.518	0.090			-0.886	0.466	-0.711	-0.428	
U080-05G						0.056							
U080-06A				1.181		0.641	0.546						-0.095
U080-06G				0.563		0.706	0.618						-0.088
U080-07A	2.353		5.568	3.645	3.328	1.763	4.304			-1.923	-0.317	-1.565	2.541
U080-07G	6.970		5.379	4.857	2.451	2.698	2.147			-0.522	-2.406	0.247	-0.551
U080-08A				4.956		2.683	1.347						-1.336
U080-08G				5.249		5.646	2.910						-2.736
U080-09A				4.503		4.789	4.180						-0.609
U080-09G				1.153		2.243	2.504						0.261
U080-10A				3.799	1.634	3.027	4.750				-2.165	1.393	1.723
U080-10G				2.764	4.080		12.865				1.316		
U080-11A				1.931		1.464	2.673						1.209
U080-11G				2.730		1.197	2.803						1.606
U080-12A				2.196		5.853	2.020						-3.833
U080-12G				3.663		3.409	4.692						1.283
U080-13A				5.900		10.924	6.626						-4.298
U080-13G				2.712		2.050	3.275						1.225
U080-14A				13.301		7.675	6.933						-0.742
U080-14G				5.846		14.408	7.095						-7.313
U080-15A				1.122		1.908	6.064						4.156
U080-15G				2.409		2.214	2.385						0.171
U080-16A							8.781						
U080-16G							4.165						
U080-17A							3.385						
U080-17G							3.044						
Summary	**3.652**	**2.838**	**2.661**	**2.120**	**1.412**	**1.380**	**1.551**	**-0.814**	**-0.177**	**-0.541**	**-0.709**	**-0.032**	**0.171**
Significance								**0.466**	**0.496**	**0.036**	**0.036**	**0.576**	**0.682**

Table B.38 Urban 80 km/h site results for each site in each direction of travel – per cent more than 0 km/h and less than 5 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	16.742	11.697	11.563		3.742	9.022	4.090	-5.045	-0.134			5.280	-4.932
U080-01G	19.267	23.611	21.288	13.493	13.798	10.933	15.161	4.344	-2.323	-7.795	0.305	-2.865	4.228
U080-02A				35.779		15.060	34.317						19.257
U080-02G				28.697		10.779	29.439						18.660
U080-03A	21.898	23.278	23.491	19.781	19.038	18.772	21.679	1.380	0.213	-3.710	-0.743	-0.266	2.907
U080-03G	24.924	23.127	27.026	28.437	23.153	24.213	26.575	-1.797	3.899	1.411	-5.284	1.060	2.362
U080-04A		18.147	13.016	13.690	12.210	11.498	12.105		-5.131	0.674	-1.480	-0.712	0.607
U080-04G		19.591	15.473	15.343	12.336	12.656	10.679		-4.118	-0.130	-3.007	0.320	-1.977
U080-05A		7.264	6.881	6.402	4.710	0.673			-0.383	-0.479	-1.692	-4.037	
U080-05G						0.466							
U080-06A				11.704		8.949	7.596						-1.353
U080-06G				7.822		10.348	8.679						-1.669
U080-07A	11.477		22.798	16.735	17.428	13.753	24.250			-6.063	0.693	-3.675	10.497
U080-07G	26.584		23.339	23.282	16.581	19.335	16.240			-0.057	-6.701	2.754	-3.095
U080-08A				22.351		17.286	12.919						-4.367
U080-08G				20.948		25.101	17.467						-7.634
U080-09A				26.154		29.623	28.831						-0.792
U080-09G				10.988		12.528	15.121						2.593
U080-10A				21.816	16.109	22.779	19.124				-5.707	6.670	-3.655
U080-10G				21.572	29.109		34.041				7.537		
U080-11A				15.584		14.932	21.239						6.307
U080-11G				15.903		8.367	15.234						6.867
U080-12A				14.882		29.008	15.436						-13.572
U080-12G				28.338		26.373	31.791						5.418
U080-13A				30.994		37.107	31.443						-5.664
U080-13G				21.359		17.086	22.740						5.654
U080-14A				26.037		20.987	21.367						0.380
U080-14G				23.529		21.029	23.312						2.283
U080-15A				13.622		16.853	29.303						12.450
U080-15G				17.782		19.205	20.937						1.732
U080-16A							28.247						
U080-16G							24.492						
U080-17A							16.168						
U080-17G							15.169						
Summary	**20.583**	**20.374**	**19.991**	**19.687**	**18.101**	**18.128**	**19.860**	**-0.209**	**-0.383**	**-0.305**	**-1.586**	**0.027**	**1.732**
Significance								**0.712**	**0.238**	**0.208**	**0.138**	**0.802**	**0.250**

Table B.39 Urban 80 km/h site results for each site in each direction of travel - per cent more than 5 km/h and less than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	5.792	3.045	3.176		0.756	1.704	0.753	-2.747	0.131			0.948	-0.951
U080-01G	5.699	8.589	8.226	3.572	3.247	2.217	3.482	2.890	-0.363	-4.654	-0.325	-1.030	1.265
U080-02A				17.587		4.539	15.274						10.735
U080-02G				10.245		3.685	15.744						12.059
U080-03A	8.878	8.548	7.971	6.407	5.633	5.559	6.909	-0.330	-0.577	-1.564	-0.774	-0.074	1.350
U080-03G	10.219	8.436	9.528	10.027	6.701	7.427	8.109	-1.783	1.092	0.499	-3.326	0.726	0.682
U080-04A		6.728	4.317	4.072	3.221	3.098	2.618		-2.411	-0.245	-0.851	-0.123	-0.480
U080-04G		6.137	4.200	4.358	3.037	3.184	2.463		-1.937	0.158	-1.321	0.147	-0.721
U080-05A		1.928	1.539	1.690	0.869	0.174			-0.389	0.151	-0.821	-0.695	
U080-05G						0.118							
U080-06A				3.361		1.890	1.629						-0.261
U080-06G				1.904		2.374	1.859						-0.515
U080-07A	4.016		9.976	6.339	6.337	3.845	9.021			-3.637	-0.002	-2.492	5.176
U080-07G	13.334		10.248	9.691	5.469	6.248	4.912			-0.557	-4.222	0.779	-1.336
U080-08A				9.213		6.132	3.720						-2.412
U080-08G				9.333		10.826	6.255						-4.571
U080-09A				10.474		11.769	10.721						-1.048
U080-09G				2.837		4.467	5.462						0.995
U080-10A				9.133	4.366	7.781	8.498				-4.767	3.415	0.717
U080-10G				6.948	11.080		26.328				4.132		
U080-11A				4.557		3.932	7.196						3.264
U080-11G				5.782		2.439	5.688						3.249
U080-12A				5.109		13.230	4.805						-8.425
U080-12G				10.057		8.703	12.158						3.455
U080-13A				13.322		23.412	15.182						-8.230
U080-13G				6.850		5.505	7.930						2.425
U080-14A				16.612		10.570	10.027						-0.543
U080-14G				10.533		14.540	11.723						-2.817
U080-15A				3.287		4.761	14.175						9.414
U080-15G				6.369		5.567	6.248						0.681
U080-16A							15.330						
U080-16G							10.139						
U080-17A							6.019						
U080-17G							5.475						
Summary	**7.335**	**6.279**	**5.890**	**5.489**	**4.653**	**4.689**	**5.370**	**-1.057**	**-0.389**	**-0.401**	**-0.836**	**0.037**	**0.681**
Significance								**0.712**	**0.176**	**0.124**	**0.046**	**0.718**	**0.362**

Table B.40 Urban 80 km/h site results for each site in each direction of travel - vehicle count

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U080-01A	58423	58759	55576		55856	55864	57069	336	-3183			8	1205
U080-01G	55996	57665	53757	56473	54727	55482	54714	1669	-3908	2716	-1746	755	-768
U080-02A				83116		70537	80884						10347
U080-02G				78406		69794	77126						7332
U080-03A	10768	12050	12081	13361	13988	13222	14401	1282	31	1280	627	-766	1179
U080-03G	11166	12695	12658	14291	14581	14191	15624	1529	-37	1633	290	-390	1433
U080-04A		14432	15197	18371	18444	15785	20586		765	3174	73	-2659	4801
U080-04G		14486	15595	18080	18442	15890	19609		1109	2485	362	-2552	3719
U080-05A		120026	122098	121521	125033	131677			2072	-577	3512	6644	
U080-05G						128818							
U080-06A				98448		105535	111103						5568
U080-06G				78577		92999	97184						4185
U080-07A	93246		93653	97480	110439	102353	106029			3827	12959	-8086	3676
U080-07G	35352		98842	102854	118178	108860	116398			4012	15324	-9318	7538
U080-08A				57039		63808	43495						-20313
U080-08G				51131		57826	63186						5360
U080-09A				67851		71374	74441						3067
U080-09G				66771		69694	72476						2782
U080-10A				129466	129584	121071	113442				118	-8513	-7629
U080-10G				124583	123690		62260				-893		
U080-11A				45315		46443	50016						3573
U080-11G				45570		49208	52975						3767
U080-12A				75556		78307	82878						4571
U080-12G				80281		83634	88667						5033
U080-13A				58783		73728	74272						544
U080-13G				65514		73311	75761						2450
U080-14A				5496		4560	5106						546
U080-14G				5440		4546	5229						683
U080-15A				82970		87838	88796						958
U080-15G				85096		87405	91242						3837
U080-16A							117494						
U080-16G							118522						
U080-17A							17961						
U080-17G							18136						
Summary	**45674**	**47080**	**47111**	**49711**	**50037**	**48378**	**51951**	**1406**	**31**	**2601**	**326**	**-1659**	**3573**
Significance								**0.068**	**0.864**	**0.018**	**0.138**	**0.092**	**0.002**

Table B.41 Rural 80 km/h site results for each site in each direction of travel - mean speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		74.448		75.711			66.682						
R080-01G		73.943		79.066			68.915						
R080-02A		66.817	66.506	71.432		72.070	71.864		-0.311	4.926			-0.206
R080-02G		68.474	68.245	70.023		69.364	68.517		-0.229	1.778			-0.847
R080-03A		74.084		73.695	72.989	73.477	74.255				-0.706	0.487	0.779
R080-03G		75.229		74.817	73.259	73.207	74.313				-1.558	-0.052	1.105
R080-04A		73.726	72.298	75.351	73.517	73.370	73.082		-1.428	3.053	-1.834	-0.147	-0.288
R080-04G		76.709	77.271	78.784	77.386	78.744	80.331		0.562	1.513	-1.398	1.358	1.586
R080-05A	79.027	78.104	77.926	76.765	75.340	86.615	94.891	-0.923	-0.178	-1.161	-1.425	11.275	8.275
R080-05G	76.499	74.129	74.709	71.973	72.197	81.619	94.725	-2.370	0.580	-2.736	0.224	9.422	13.105
R080-06A			70.406	72.496			72.230			2.090			
R080-06G			71.288	72.541			72.778			1.253			
R080-07A				89.859	90.748	90.516	92.072				0.889	-0.231	1.556
R080-07G				87.260	82.209	82.785	84.608				-5.051	0.576	1.823
R080-08A	70.950	70.538	69.986	67.843	69.128		62.867	-0.412	-0.552	-2.143	1.285		
R080-08G	73.827	73.276	72.813	69.764	72.113		56.991	-0.551	-0.463	-3.049	2.349		
R080-09A			75.723	74.642		72.613				-1.081			
R080-09G			74.918	74.122		71.228				-0.796			
R080-10A				82.530	84.276	83.371	82.902				1.746	-0.906	-0.469
R080-10G				83.031	85.045	83.798	82.541				2.014	-1.247	-1.256
R080-11A				80.025	77.371	78.375	78.869				-2.654	1.005	0.493
R080-11G				79.119	79.083	78.290	77.409				-0.036	-0.793	-0.882
R080-12A				67.167		69.871	68.781						-1.091
R080-12G				67.048		70.818	70.281						-0.537
R080-13A	94.335		92.721	91.318			102.846			-1.403			
R080-13G	91.902		97.931	84.678			93.633			-13.253			
R080-14A	93.678		96.158	97.916	95.016		93.642			1.758	-2.900		
R080-14G	96.385		98.175	99.656	97.463		99.142			1.481	-2.193		
R080-15A				67.259		69.019	68.907						-0.113
R080-15G				70.082		96.281	75.390						-20.891
R080-16A				72.279		72.186	73.341						1.155
R080-16G				73.685		70.698	72.454						1.757
R080-17A				79.588		78.427	78.909						0.482
R080-17G				71.955		79.986	76.954						-3.032
R080-18A				73.291		67.107	75.536						8.429
R080-18G				69.162		76.060	68.725						-7.335
R080-19A							63.915						
R080-19G							62.087						
R080-20A							69.462						
R080-20G							71.571						
Summary	**85.465**	**84.728**	**84.458**	**84.687**	**83.635**	**83.853**	**84.037**	**-0.737**	**-0.270**	**0.229**	**-1.052**	**0.218**	**0.185**
Significance								**0.068**	**0.484**	**0.794**	**0.214**	**0.390**	**0.460**

Table B.42 Rural 80 km/h site results for each site in each direction of travel - median speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		74.990		76.140			90.945						
R080-01G		77.750		79.425			93.374						
R080-02A		67.700	67.210	72.095		72.609	72.575		-0.490	4.885			-0.034
R080-02G		68.800	68.700	70.620		69.959	68.941		-0.100	1.920			-1.019
R080-03A		75.280		74.930	74.200	74.704	75.455				-0.730	0.503	0.751
R080-03G		76.165		75.630	74.070	74.149	75.105				-1.560	0.079	0.956
R080-04A		74.475	72.990	76.120	74.440	74.326	73.848		-1.485	3.130	-1.680	-0.116	-0.478
R080-04G		77.430	77.690	79.460	78.075	79.118	80.606		0.260	1.770	-1.385	1.043	1.488
R080-05A	79.020	78.200	78.115	77.555	75.870	87.215	85.960	-0.820	-0.085	-0.560	-1.685	11.343	-1.255
R080-05G	76.870	74.780	75.245	72.800	72.835	81.813	85.770	-2.090	0.465	-2.445	0.035	8.980	3.957
R080-06A			71.810	73.895			74.084			2.085			
R080-06G			72.905	74.045			74.557			1.140			
R080-07A				91.155	93.845	93.685	95.470				2.690	-0.158	1.785
R080-07G				87.895	82.905	83.118	84.750				-4.990	0.213	1.633
R080-08A	72.105	71.660	71.215	69.590	70.725		64.370	-0.445	-0.445	-1.625	1.135		
R080-08G	74.650	74.090	73.615	71.885	73.165		58.990	-0.560	-0.475	-1.730	1.280		
R080-09A			76.160	75.225		73.069				-0.935			
R080-09G			75.055	74.410		71.716				-0.645			
R080-10A				82.895	84.605	84.000	83.626				1.710	-0.607	-0.374
R080-10G				83.145	84.330	83.535	82.259				1.185	-0.795	-1.276
R080-11A				79.650	77.465	78.361	78.394				-2.185	0.898	0.032
R080-11G				79.100	79.220	78.536	77.830				0.120	-0.686	-0.706
R080-12A				67.950		69.644	69.743						0.099
R080-12G				68.000		70.861	71.090						0.229
R080-13A	95.165		92.890	89.210			102.365			-3.680			
R080-13G	91.315		97.040	83.965			92.667			-13.075			
R080-14A	93.430		96.280	97.570	95.410		84.331			1.290	-2.160		
R080-14G	96.500		98.285	99.265	97.865		89.910			0.980	-1.400		
R080-15A				68.130		70.456	70.245						-0.210
R080-15G				71.205		97.605	76.485						-21.120
R080-16A				72.685		71.435	73.528						2.092
R080-16G				74.955		70.513	73.511						2.998
R080-17A				79.830		79.006	78.976						-0.030
R080-17G				72.210		80.792	76.799						-3.992
R080-18A				73.735		66.612	76.302						9.690
R080-18G				70.295		76.334	69.719						-6.615
R080-19A							64.934						
R080-19G							64.240						
R080-20A							70.123						
R080-20G							72.295						
Summary	**85.168**	**84.478**	**84.205**	**84.415**	**83.358**	**83.504**	**83.505**	**-0.690**	**-0.273**	**0.210**	**-1.058**	**0.146**	**0.001**
Significance								**0.068**	**0.162**	**0.794**	**0.234**	**0.308**	**0.756**

Table B.43 Rural 80 km/h site results for each site in each direction of travel - 85th percentile speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		83.925		84.528			99.519						
R080-01G		87.674		88.289			102.999						
R080-02A		77.502	76.803	80.668		81.308	81.196		-0.699	3.865			-0.112
R080-02G		78.714	78.375	79.982		79.310	78.428		-0.339	1.607			-0.882
R080-03A		83.847		83.448	82.439	82.938	83.518				-1.009	0.499	0.580
R080-03G		84.045		83.579	82.047	81.691	82.798				-1.532	-0.356	1.108
R080-04A		85.472	83.741	87.964	85.345	84.640	84.576		-1.731	4.223	-2.619	-0.705	-0.065
R080-04G		88.832	89.448	90.985	89.359	90.274	92.911		0.616	1.537	-1.626	0.915	2.637
R080-05A	86.675	85.407	85.575	84.771	82.911	97.422	93.743	-1.268	0.168	-0.804	-1.860	14.511	-3.679
R080-05G	84.002	81.632	82.788	79.447	79.207	93.039	93.246	-2.370	1.156	-3.341	-0.240	13.832	0.207
R080-06A			79.249	81.081			80.471			1.832			
R080-06G			80.326	80.919			81.496			0.593			
R080-07A				100.432	102.744	102.270	103.494				2.312	-0.474	1.224
R080-07G				98.484	94.003	94.330	96.516				-4.481	0.327	2.186
R080-08A	78.539	78.269	77.822	76.978	77.659		72.552	-0.270	-0.447	-0.844	0.680		
R080-08G	81.128	80.348	79.857	79.266	79.620		68.445	-0.780	-0.490	-0.592	0.354		
R080-09A			82.737	81.617		79.858				-1.120			
R080-09G			80.952	80.455		78.060				-0.497			
R080-10A				96.728	97.508	96.316	95.995				0.780	-1.191	-0.322
R080-10G				97.200	98.448	97.167	95.503				1.248	-1.281	-1.664
R080-11A				91.630	87.695	88.646	89.059				-3.935	0.951	0.413
R080-11G				89.723	89.576	88.803	87.637				-0.147	-0.773	-1.165
R080-12A				78.878		80.549	81.137						0.588
R080-12G				78.833		82.062	81.816						-0.246
R080-13A	108.875		106.329	109.455			124.250			3.126			
R080-13G	108.765		114.581	98.743			105.079			-15.838			
R080-14A	105.232		108.423	110.344	105.894		94.815			1.921	-4.449		
R080-14G	108.587		114.644	116.625	109.069		101.152			1.981	-7.556		
R080-15A				76.166		77.862	77.677						-0.186
R080-15G				79.951		115.578	84.589						-30.990
R080-16A				82.803		82.853	84.733						1.880
R080-16G				86.510		81.774	85.482						3.707
R080-17A				89.319		88.860	87.632						-1.228
R080-17G				80.007		94.122	84.574						-9.547
R080-18A				79.829		72.928	82.650						9.721
R080-18G				77.905		84.853	77.499						-7.354
R080-19A							74.103						
R080-19G							73.326						
R080-20A							77.174						
R080-20G							79.118						
Summary	**95.954**	**94.930**	**94.537**	**95.602**	**94.331**	**94.317**	**94.228**	**-1.024**	**-0.393**	**1.065**	**-1.271**	**-0.015**	**-0.089**
Significance								**0.068**	**0.484**	**0.276**	**0.050**	**0.756**	**0.912**

Table B.44 Rural 80 km/h site results for each site in each direction of travel - per cent at or below speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		73.654		70.077			18.659						
R080-01G		59.326		52.893			14.333						
R080-02A		91.294	92.257	83.739		82.277	82.461		0.963	-8.518			0.184
R080-02G		88.366	89.549	85.059		87.303	89.830		1.183	-4.490			2.527
R080-03A		72.444		73.732	77.948	75.910	72.957				4.216	-2.038	-2.953
R080-03G		69.810		72.597	79.452	80.436	76.172				6.855	0.984	-4.264
R080-04A		71.190	77.171	65.070	71.098	73.447	74.131		5.981	-12.101	6.028	2.349	0.684
R080-04G		59.632	59.017	51.921	57.535	53.551	47.736		-0.615	-7.096	5.614	-3.984	-5.815
R080-05A	55.808	60.813	60.884	63.935	75.325	24.963	71.359	5.005	0.071	3.051	11.390	-50.362	46.396
R080-05G	69.786	80.586	76.418	87.644	88.930	43.075	74.155	10.800	-4.168	11.226	1.286	-45.855	31.080
R080-06A			88.239	82.136			83.844			-6.103			
R080-06G			84.253	82.592			80.662			-1.661			
R080-07A				17.934	18.071	18.092	17.304				0.137	0.021	-0.788
R080-07G				21.511	38.765	38.298	31.978				17.254	-0.467	-6.320
R080-08A	91.935	92.557	93.945	95.035	94.283		98.455	0.622	1.388	1.090	-0.752		
R080-08G	81.907	84.163	85.797	88.442	87.046		98.933	2.256	1.634	2.645	-1.396		
R080-09A			75.333	80.406		85.700				5.073			
R080-09G			82.631	83.938		93.176				1.307			
R080-10A				39.447	34.174	36.756	38.045				-5.273	2.582	1.289
R080-10G				39.960	34.969	38.566	41.459				-4.991	3.597	2.893
R080-11A				51.528	62.642	57.967	58.460				11.114	-4.675	0.493
R080-11G				53.962	53.513	56.866	59.804				-0.449	3.353	2.938
R080-12A				87.762		84.146	83.125						-1.021
R080-12G				87.981		81.058	81.837						0.779
R080-13A	20.109		16.062	30.101			7.834			14.039			
R080-13G	25.532		11.962	39.593			10.432			27.631			
R080-14A	13.081		13.271	8.851	10.934		72.372			-4.420	2.083		
R080-14G	11.511		11.371	9.091	9.940		50.280			-2.280	0.849		
R080-15A				94.111		92.903	93.248						0.345
R080-15G				85.177		16.427	66.907						50.480
R080-16A				79.104		79.081	72.500						-6.581
R080-16G				68.204		81.657	71.561						-10.096
R080-17A				50.713		54.354	55.437						1.083
R080-17G				84.988		47.473	68.399						20.926
R080-18A				85.932		99.247	75.817						-23.430
R080-18G				92.028		66.985	93.055						26.070
R080-19A							95.362						
R080-19G							97.633						
R080-20A							95.006						
R080-20G							89.026						
Summary	**40.670**	**44.301**	**45.374**	**45.088**	**46.773**	**46.550**	**47.138**	**3.631**	**1.073**	**-0.286**	**1.685**	**-0.223**	**0.589**
Significance								**0.068**	**0.208**	**0.960**	**0.050**	**0.478**	**0.490**

Table B.45 Rural 80 km/h site results for each site in each direction of travel - per cent above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		26.346		29.923			81.341						
R080-01G		40.674		47.107			85.667						
R080-02A		8.706	7.743	16.261		17.723	17.539		-0.963	8.518			-0.184
R080-02G		11.634	10.451	14.941		12.697	10.170		-1.183	4.490			-2.527
R080-03A		27.556		26.268	22.052	24.090	27.043				-4.216	2.038	2.953
R080-03G		30.190		27.403	20.548	19.564	23.828				-6.855	-0.984	4.264
R080-04A		28.810	22.829	34.930	28.902	26.553	25.869		-5.981	12.101	-6.028	-2.349	-0.684
R080-04G		40.368	40.983	48.079	42.465	46.449	52.264		0.615	7.096	-5.614	3.984	5.815
R080-05A	44.192	39.187	39.116	36.065	24.675	75.037	28.641	-5.005	-0.071	-3.051	-11.390	50.362	-46.396
R080-05G	30.214	19.414	23.582	12.356	11.070	56.925	25.845	-10.800	4.168	-11.226	-1.286	45.855	-31.080
R080-06A			11.761	17.864			16.156			6.103			
R080-06G			15.747	17.408			19.338			1.661			
R080-07A				82.066	81.929	81.908	82.696				-0.137	-0.021	0.788
R080-07G				78.489	61.235	61.702	68.022				-17.254	0.467	6.320
R080-08A	8.065	7.443	6.055	4.965	5.717		1.545	-0.622	-1.388	-1.090	0.752		
R080-08G	18.093	15.837	14.203	11.558	12.954		1.067	-2.256	-1.634	-2.645	1.396		
R080-09A			24.667	19.594		14.300				-5.073			
R080-09G			17.369	16.062		6.824				-1.307			
R080-10A				60.553	65.826	63.244	61.955				5.273	-2.582	-1.289
R080-10G				60.040	65.031	61.434	58.541				4.991	-3.597	-2.893
R080-11A				48.472	37.358	42.033	41.540				-11.114	4.675	-0.493
R080-11G				46.038	46.487	43.134	40.196				0.449	-3.353	-2.938
R080-12A				12.238		15.854	16.875						1.021
R080-12G				12.019		18.942	18.163						-0.779
R080-13A	79.891		83.938	69.899			92.166			-14.039			
R080-13G	74.468		88.038	60.407			89.568			-27.631			
R080-14A	86.919		86.729	91.149	89.066		27.628			4.420	-2.083		
R080-14G	88.489		88.629	90.909	90.060		49.720			2.280	-0.849		
R080-15A				5.889		7.097	6.752						-0.345
R080-15G				14.823		83.573	33.093						-50.480
R080-16A				20.896		20.919	27.500						6.581
R080-16G				31.796		18.343	28.439						10.096
R080-17A				49.287		45.646	44.563						-1.083
R080-17G				15.012		52.527	31.601						-20.926
R080-18A				14.068		0.753	24.183						23.430
R080-18G				7.972		33.015	6.945						-26.070
R080-19A							4.638						
R080-19G							2.367						
R080-20A							4.994						
R080-20G							10.974						
Summary	**59.330**	**55.700**	**54.627**	**54.912**	**53.228**	**53.451**	**52.862**	**-3.631**	**-1.073**	**0.286**	**-1.685**	**0.223**	**-0.589**
Significance								**0.068**	**0.208**	**0.960**	**0.050**	**0.478**	**0.490**

Table B.46 Rural 80 km/h site results for each site in each direction of travel – per cent up to 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		20.975		24.354			39.921						
R080-01G		30.928		36.896			29.763						
R080-02A		7.341	6.551	13.233		14.617	14.674		-0.790	6.682			0.057
R080-02G		10.041	9.228	13.079		11.273	9.111		-0.813	3.851			-2.162
R080-03A		23.581		22.801	19.659	21.405	23.769				-3.142	1.746	2.364
R080-03G		26.507		24.100	18.302	17.799	21.289				-5.798	-0.503	3.490
R080-04A		20.983	16.473	23.677	20.995	19.647	18.467		-4.510	7.204	-2.682	-1.348	-1.180
R080-04G		27.903	27.158	31.402	28.915	31.017	31.751		-0.745	4.244	-2.487	2.102	0.734
R080-05A	37.242	33.538	33.214	31.536	22.143	35.443	47.743	-3.704	-0.324	-1.678	-9.393	13.300	12.300
R080-05G	26.596	17.667	21.079	11.337	10.209	34.913	51.341	-8.929	3.412	-9.742	-1.128	24.704	16.428
R080-06A			10.989	16.651			15.104			5.662			
R080-06G			14.615	16.250			17.938			1.635			
R080-07A				27.851	19.404	19.551	16.686				-8.447	0.147	-2.865
R080-07G				36.597	35.297	34.788	35.978				-1.300	-0.509	1.190
R080-08A	7.577	6.953	5.701	4.640	5.418		1.424	-0.624	-1.252	-1.061	0.778		
R080-08G	17.049	14.805	13.242	10.827	12.103		0.954	-2.244	-1.563	-2.415	1.276		
R080-09A			22.500	18.098		13.317				-4.402			
R080-09G			15.863	14.705		6.441				-1.158			
R080-10A				31.658	32.252	32.155	32.928				0.594	-0.097	0.773
R080-10G				29.056	31.824	30.391	32.711				2.768	-1.433	2.320
R080-11A				30.857	26.865	29.904	28.549				-3.992	3.039	-1.355
R080-11G				31.743	32.579	30.933	30.257				0.836	-1.646	-0.676
R080-12A				9.478		11.150	12.700						1.550
R080-12G				9.193		14.286	13.589						-0.697
R080-13A	16.848		24.352	21.818			13.364			-2.534			
R080-13G	21.809		16.746	27.149			30.935			10.403			
R080-14A	24.757		18.077	19.283	19.108		38.238			1.206	-0.175		
R080-14G	19.836		17.535	16.043	17.097		28.078			-1.492	1.054		
R080-15A				5.164		6.166	6.012						-0.154
R080-15G				12.814		16.008	28.386						12.378
R080-16A				16.118		16.087	20.176						4.089
R080-16G				22.726		14.547	20.791						6.244
R080-17A				36.302		33.716	35.654						1.938
R080-17G				12.556		29.495	25.728						-3.767
R080-18A				12.737		0.709	22.246						21.537
R080-18G				7.212		28.073	6.236						-21.837
R080-19A							4.288						
R080-19G							2.251						
R080-20A							4.601						
R080-20G							10.241						
Summary	**20.823**	**17.849**	**17.047**	**17.120**	**15.906**	**15.931**	**16.912**	**-2.974**	**-0.802**	**0.073**	**-1.214**	**0.025**	**0.982**
Significance								**0.068**	**0.124**	**0.472**	**0.062**	**0.308**	**0.104**

Table B.47 Rural 80 km/h site results for each site in each direction of travel - per cent more than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		5.371		5.569			54.837						
R080-01G		9.746		10.210			65.929						
R080-02A		1.364	1.193	3.028		3.105	2.865		-0.171	1.835			-0.240
R080-02G		1.593	1.223	1.863		1.424	1.059		-0.370	0.640			-0.365
R080-03A		3.975		3.467	2.393	2.685	3.273				-1.074	0.292	0.588
R080-03G		3.683		3.303	2.246	1.765	2.539				-1.057	-0.481	0.774
R080-04A		7.827	6.357	11.253	7.907	6.907	7.402		-1.470	4.896	-3.346	-1.000	0.495
R080-04G		12.465	13.825	16.677	13.550	15.432	20.513		1.360	2.852	-3.127	1.882	5.081
R080-05A	6.950	5.650	5.902	4.529	2.532	39.595	28.641	-1.300	0.252	-1.373	-1.997	37.063	-10.954
R080-05G	3.618	1.747	2.504	1.019	0.861	22.012	25.845	-1.871	0.757	-1.485	-0.158	21.151	3.833
R080-06A			0.772	1.212			1.052			0.440			
R080-06G			1.132	1.158			1.401			0.026			
R080-07A				54.215	62.524	62.357	66.010				8.309	-0.167	3.653
R080-07G				41.893	25.938	26.914	32.044				-15.955	0.976	5.130
R080-08A	0.488	0.490	0.354	0.325	0.299		0.121	0.002	-0.136	-0.029	-0.026		
R080-08G	1.044	1.032	0.961	0.731	0.851		0.114	-0.012	-0.071	-0.230	0.120		
R080-09A			2.168	1.496		0.982				-0.672			
R080-09G			1.507	1.357		0.381				-0.150			
R080-10A				28.894	33.574	31.089	29.027				4.680	-2.485	-2.062
R080-10G				30.984	33.208	31.043	25.829				2.224	-2.165	-5.214
R080-11A				17.615	10.494	12.128	12.991				-7.121	1.634	0.863
R080-11G				14.294	13.908	12.201	9.938				-0.386	-1.707	-2.263
R080-12A				2.760		4.704	4.175						-0.529
R080-12G				2.826		4.656	4.575						-0.081
R080-13A	63.043		59.585	48.081			78.802			-11.504			
R080-13G	52.660		71.292	33.258			58.633			-38.034			
R080-14A	62.162		68.652	71.865	69.958		27.628			3.213	-1.907		
R080-14G	68.654		71.095	74.866	72.962		49.720			3.771	-1.904		
R080-15A				0.725		0.931	0.740						-0.191
R080-15G				2.009		66.950	4.707						-62.243
R080-16A				4.778		4.833	7.324						2.491
R080-16G				9.070		3.796	7.649						3.853
R080-17A				12.985		11.931	8.908						-3.023
R080-17G				2.456		23.032	5.873						-17.159
R080-18A				1.331		0.044	1.937						1.893
R080-18G				0.759		4.929	0.709						-4.220
R080-19A							0.350						
R080-19G							0.117						
R080-20A							0.393						
R080-20G							0.734						
Summary	**29.805**	**29.149**	**29.046**	**29.044**	**27.979**	**28.041**	**27.905**	**-0.656**	**-0.104**	**-0.002**	**-1.066**	**0.063**	**-0.136**
Significance								**0.144**	**0.888**	**0.834**	**0.146**	**0.756**	**0.756**

Table B.48 Rural 80 km/h site results for each site in each direction of travel – per cent more than 0 km/h and less than 5 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		14.453		16.480			13.417						
R080-01G		19.633		22.901			10.025						
R080-02A		5.179	4.706	9.439		10.409	10.615		-0.473	4.733			0.206
R080-02G		7.146	6.868	9.673		8.457	6.951		-0.278	2.805			-1.506
R080-03A		16.320		16.337	14.456	15.472	17.118				-1.881	1.016	1.646
R080-03G		18.778		17.326	13.553	13.495	15.773				-3.773	-0.058	2.278
R080-04A		13.063	10.465	14.474	13.376	12.450	11.877		-2.598	4.009	-1.098	-0.926	-0.573
R080-04G		17.054	16.519	18.359	17.602	18.413	18.697		-0.535	1.840	-0.757	0.811	0.284
R080-05A	25.136	23.359	22.934	22.078	16.619	16.764	21.308	-1.777	-0.425	-0.856	-5.459	0.145	4.544
R080-05G	19.008	13.527	15.392	8.689	8.187	19.096	22.787	-5.481	1.865	-6.703	-0.502	10.909	3.691
R080-06A			8.805	13.241			12.282			4.436			
R080-06G			11.461	13.101			14.500			1.640			
R080-07A				12.552	7.920	7.889	6.528				-4.632	-0.031	-1.361
R080-07G				17.337	19.337	18.767	18.968				2.000	-0.570	0.201
R080-08A	6.403	5.900	4.883	3.936	4.620		1.211	-0.503	-1.017	-0.947	0.684		
R080-08G	13.713	12.028	10.855	8.681	9.898		0.747	-1.685	-1.173	-2.174	1.217		
R080-09A			17.660	14.204		10.607				-3.456			
R080-09G			12.440	11.667		5.367				-0.773			
R080-10A				18.216	17.177	16.554	16.485				-1.039	-0.623	-0.069
R080-10G				15.957	17.358	16.173	18.905				1.401	-1.185	2.732
R080-11A				19.143	17.090	19.299	17.871				-2.053	2.209	-1.428
R080-11G				19.019	19.715	19.243	19.546				0.696	-0.472	0.303
R080-12A				6.751		7.770	8.246						0.476
R080-12G				6.469		9.559	8.709						-0.850
R080-13A	7.609		9.845	9.697			6.912			-0.148			
R080-13G	6.915		7.177	13.122			18.345			5.945			
R080-14A	10.162		8.464	8.851	8.068		18.318			0.387	-0.783		
R080-14G	7.914		7.970	5.561	6.262		12.593			-2.409	0.701		
R080-15A				3.911		4.812	4.797						-0.015
R080-15G				9.397		7.017	19.715						12.698
R080-16A				10.516		10.375	13.205						2.830
R080-16G				14.229		9.422	12.656						3.234
R080-17A				21.513		20.259	22.792						2.533
R080-17G				8.975		15.957	18.146						2.189
R080-18A				10.043		0.614	17.330						16.716
R080-18G				5.906		18.548	5.072						-13.476
R080-19A							3.527						
R080-19G							1.863						
R080-20A							3.806						
R080-20G							8.053						
Summary	**9.038**	**7.307**	**6.803**	**6.923**	**6.153**	**6.108**	**6.498**	**-1.731**	**-0.504**	**0.120**	**-0.770**	**-0.045**	**0.390**
Significance								**0.068**	**0.124**	**0.568**	**0.146**	**0.810**	**0.034**

Table B.49 Rural 80 km/h site results for each site in each direction of travel - per cent more than 5 km/h and less than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		6.521		7.875			26.504						
R080-01G		11.295		13.996			19.738						
R080-02A		2.162	1.845	3.794		4.208	4.059		-0.317	1.949			-0.149
R080-02G		2.896	2.360	3.406		2.816	2.160		-0.536	1.046			-0.656
R080-03A		7.261		6.464	5.203	5.933	6.652				-1.261	0.730	0.719
R080-03G		7.729		6.774	4.748	4.303	5.516				-2.026	-0.445	1.213
R080-04A		7.920	6.008	9.203	7.620	7.197	6.590		-1.912	3.195	-1.583	-0.423	-0.607
R080-04G		10.849	10.639	13.043	11.313	12.604	13.054		-0.210	2.404	-1.730	1.291	0.450
R080-05A	12.106	10.179	10.279	9.458	5.524	18.679	26.434	-1.927	0.100	-0.821	-3.934	13.155	7.755
R080-05G	7.588	4.140	5.687	2.648	2.023	15.817	28.554	-3.448	1.547	-3.039	-0.625	13.794	12.737
R080-06A			2.183	3.410			2.822			1.227			
R080-06G			3.154	3.148			3.437			-0.006			
R080-07A				15.300	11.484	11.662	10.159				-3.816	0.178	-1.503
R080-07G				19.260	15.961	16.021	17.009				-3.299	0.060	0.988
R080-08A	1.174	1.053	0.817	0.704	0.798		0.212	-0.121	-0.236	-0.113	0.094		
R080-08G	3.336	2.777	2.387	2.146	2.205		0.206	-0.559	-0.390	-0.241	0.059		
R080-09A			4.840	3.894		2.710				-0.946			
R080-09G			3.422	3.037		1.073				-0.385			
R080-10A				13.442	15.075	15.600	16.443				1.633	0.525	0.843
R080-10G				13.098	14.465	14.218	13.806				1.367	-0.247	-0.412
R080-11A				11.713	9.775	10.606	10.678				-1.938	0.831	0.072
R080-11G				12.724	12.864	11.690	10.711				0.140	-1.174	-0.979
R080-12A				2.727		3.380	4.454						1.074
R080-12G				2.724		4.727	4.880						0.153
R080-13A	9.239		14.508	12.121			6.452			-2.387			
R080-13G	14.894		9.569	14.027			12.590			4.458			
R080-14A	14.595		9.613	10.432	11.040		19.920			0.819	0.608		
R080-14G	11.922		9.564	10.481	10.835		15.485			0.917	0.354		
R080-15A				1.253		1.354	1.214						-0.140
R080-15G				3.417		8.991	8.670						-0.321
R080-16A				5.601		5.711	6.971						1.260
R080-16G				8.497		5.125	8.135						3.010
R080-17A				14.789		13.456	12.863						-0.593
R080-17G				3.581		13.538	7.581						-5.957
R080-18A				2.694		0.095	4.916						4.821
R080-18G				1.306		9.525	1.164						-8.361
R080-19A							0.761						
R080-19G							0.388						
R080-20A							0.796						
R080-20G							2.188						
Summary	**10.581**	**9.338**	**9.061**	**9.468**	**8.525**	**8.876**	**8.989**	**-1.243**	**-0.277**	**0.407**	**-0.943**	**0.352**	**0.113**
Significance								**0.068**	**0.162**	**0.352**	**0.070**	**0.158**	**0.362**

Table B.50 Rural 80 km/h site results for each site in each direction of travel - vehicle count

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R080-01A		8434		7937			10606						
R080-01G		7747		6895			9307						
R080-02A		10407	10732	10965		10337	10297		325	233			-40
R080-02G		9670	9406	9718		9199	9351		-264	312			152
R080-03A		12353		12346	12244	11731	12373				-102	-513	642
R080-03G		10997		10718	10551	10085	10987				-167	-466	902
R080-04A		5328	5160	4781	4882	4474	5296		-168	-379	101	-408	822
R080-04G		5383	5085	4815	4738	4562	4129		-298	-270	-77	-176	-433
R080-05A	22056	22497	25041	27797	28040	24809	25516	441	2544	2756	243	-3231	707
R080-05G	21917	21809	24565	27380	27191	25409	25436	-108	2756	2815	-189	-1782	27
R080-06A			26427	25247			22716			-1180			
R080-06G			26158	25982			21848			-176			
R080-07A				14046	11250	11928	11980				-2796	678	52
R080-07G				15239	11967	12421	12252				-3272	454	-169
R080-08A	40556	40172	40382	40906	41859		47059	-384	210	524	953		
R080-08G	41369	39831	40597	41149	41947		47496	-1538	766	552	798		
R080-09A			35063	36236		43462				1173			
R080-09G			34244	35227		42013				983			
R080-10A				1592	1665	1782	2384				73	117	602
R080-10G				1504	1590	1688	2412				86	98	724
R080-11A				6608	6261	5648	6312				-347	-613	664
R080-11G				6688	6320	5680	6339				-368	-640	659
R080-12A				3007		2870	2874						4
R080-12G				2937		2835	2951						116
R080-13A	184		193	495			217			302			
R080-13G	188		209	442			278			233			
R080-14A	925		957	949	942		999			-8	-7		
R080-14G	973		941	935	1006		1072			-6	71		
R080-15A				18357		16542	16884						342
R080-15G				19112		16917	17058						141
R080-16A				8016		5918	6240						322
R080-16G				7850		5795	6171						376
R080-17A				11914		8717	9407						690
R080-17G				11644		8805	9484						679
R080-18A				37489		27506	46925						19419
R080-18G				35287		39843	43300						3457
R080-19A							40883						
R080-19G							45408						
R080-20A							30035						
R080-20G							31355						
Summary	**11445**	**11199**	**11467**	**11734**	**11692**	**11255**	**11744**	**-246**	**268**	**268**	**-42**	**-437**	**489**
Significance								**0.466**	**0.162**	**0.088**	**0.436**	**0.098**	**0.000**

Table B.51 Urban 100 km/h site results for each site in each direction of travel - mean speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	95.228		94.939	94.852	94.771	95.240	95.401			-0.087	-0.081	0.469	0.161
U100-01G	94.740		96.057	96.335	96.900	95.884	96.459			0.279	0.565	-1.016	0.575
U100-02A				74.858			78.401						
U100-02G				94.322			92.044						
U100-03A							89.724						
U100-03G							93.875						
U100-04A							95.504						
U100-04G							93.967						
U100-05A							92.591						
U100-05G							93.710						
U100-06A							89.124						
U100-06G							90.627						
U100-07A							94.580						
U100-07G							96.611						
U100-08A							101.838						
U100-08G							98.455						
U100-09A							91.343						
U100-09G							94.534						
U100-10A							93.513						
U100-10G							95.376						
Summary	**94.984**	**-**	**95.498**	**95.594**	**95.836**	**95.562**	**95.930**	**-**	**-**	**0.096**	**0.242**	**-0.274**	**0.368**
Significance								**-**	**-**	**0.652**	**0.652**	**0.652**	**0.180**

Table B.52 Urban 100 km/h site results for each site in each direction of travel - median speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	96.230		95.835	95.785	95.665	96.185	96.276			-0.052	-0.117	0.518	0.090
U100-01G	95.630		96.760	97.035	97.530	96.652	97.015			0.273	0.495	-0.876	0.363
U100-02A				90.230			91.669						
U100-02G				95.380			96.008						
U100-03A							90.442						
U100-03G							94.610						
U100-04A							96.208						
U100-04G							95.402						
U100-05A							93.584						
U100-05G							95.114						
U100-06A							89.630						
U100-06G							91.455						
U100-07A							95.302						
U100-07G							96.971						
U100-08A							101.733						
U100-08G							98.373						
U100-09A							94.095						
U100-09G							95.480						
U100-10A							95.278						
U100-10G							96.382						
Summary	**95.930**	**-**	**96.298**	**96.409**	**96.598**	**96.419**	**96.646**	**-**	**-**	**0.111**	**0.189**	**-0.179**	**0.227**
Significance								**-**	**-**	**0.652**	**0.652**	**0.652**	**0.180**

Table B.53 Urban 100 km/h site results for each site in each direction of travel - 85th percentile speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	103.160		102.445	102.225	101.935	102.708	102.442			-0.222	-0.286	0.771	-0.266
U100-01G	102.250		103.335	103.415	103.865	102.976	102.942			0.079	0.452	-0.891	-0.034
U100-02A				99.300			99.746						
U100-02G				103.265			102.799						
U100-03A							96.931						
U100-03G							101.234						
U100-04A							103.552						
U100-04G							101.477						
U100-05A							99.521						
U100-05G							100.336						
U100-06A							97.745						
U100-06G							98.058						
U100-07A							102.616						
U100-07G							104.059						
U100-08A							108.754						
U100-08G							104.975						
U100-09A							102.554						
U100-09G							101.304						
U100-10A							99.838						
U100-10G							101.548						
Summary	**102.705**	**-**	**102.891**	**102.819**	**102.902**	**102.842**	**102.692**	**-**	**-**	**-0.072**	**0.083**	**-0.060**	**-0.150**
Significance								**-**	**-**	**0.652**	**0.652**	**0.652**	**0.180**

Table B.54 Urban 100 km/h site results for each site in each direction of travel - per cent at or below speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	73.711		76.856	77.500	79.118	75.497	76.194			0.644	1.618	-3.621	0.697
U100-01G	78.388		71.673	70.267	66.432	73.393	73.357			-1.406	-3.835	6.961	-0.036
U100-02A				87.720			86.195						
U100-02G				73.388			74.847						
U100-03A							95.708						
U100-03G							81.536						
U100-04A							71.611						
U100-04G							81.218						
U100-05A							87.811						
U100-05G							84.128						
U100-06A							92.512						
U100-06G							93.055						
U100-07A							76.278						
U100-07G							68.388						
U100-08A							38.597						
U100-08G							60.559						
U100-09A							76.218						
U100-09G							81.009						
U100-10A							86.240						
U100-10G							80.544						
Summary	**76.050**	**-**	**74.265**	**73.884**	**72.775**	**74.445**	**74.776**	**-**	**-**	**-0.381**	**-1.109**	**1.670**	**0.331**
Significance								**-**	**-**	**0.652**	**0.652**	**0.652**	**0.652**

Table B.55 Urban 100 km/h site results for each site in each direction of travel - per cent above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	26.289		23.144	22.500	20.882	24.503	23.806			-0.644	-1.618	3.621	-0.697
U100-01G	21.612		28.327	29.733	33.568	26.607	26.643			1.406	3.835	-6.961	0.036
U100-02A				12.280			13.805						
U100-02G				26.612			25.153						
U100-03A							4.292						
U100-03G							18.464						
U100-04A							28.389						
U100-04G							18.782						
U100-05A							12.189						
U100-05G							15.872						
U100-06A							7.488						
U100-06G							6.945						
U100-07A							23.722						
U100-07G							31.612						
U100-08A							61.403						
U100-08G							39.441						
U100-09A							23.782						
U100-09G							18.991						
U100-10A							13.760						
U100-10G							19.456						
Summary	**23.951**	**-**	**25.736**	**26.117**	**27.226**	**25.556**	**25.225**	**-**	**-**	**0.381**	**1.109**	**-1.670**	**-0.331**
Significance								**-**	**-**	**0.652**	**0.652**	**0.652**	**0.652**

Table B.56 Urban 100 km/h site results for each site in each direction of travel – per cent up to 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	23.229		20.789	20.613	18.917	22.376	22.101			-0.176	-1.696	3.459	-0.275
U100-01G	19.105		25.691	26.898	30.433	24.433	24.273			1.207	3.535	-6.000	-0.160
U100-02A				11.571			12.905						
U100-02G				24.112			23.442						
U100-03A							4.109						
U100-03G							17.509						
U100-04A							25.794						
U100-04G							17.154						
U100-05A							11.572						
U100-05G							15.251						
U100-06A							7.028						
U100-06G							6.538						
U100-07A							21.898						
U100-07G							28.483						
U100-08A							50.883						
U100-08G							34.371						
U100-09A							22.629						
U100-09G							18.302						
U100-10A							12.773						
U100-10G							17.904						
Summary	**21.167**	**-**	**23.240**	**23.756**	**24.676**	**23.405**	**23.187**	**-**	**-**	**0.516**	**0.920**	**-1.271**	**-0.218**
Significance								**-**	**-**	**0.652**	**0.652**	**0.652**	**0.180**

Table B.57 Urban 100 km/h site results for each site in each direction of travel - per cent more than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	3.061		2.355	1.887	1.965	2.127	1.705			-0.468	0.078	0.162	-0.422
U100-01G	2.507		2.636	2.835	3.135	2.175	2.370			0.199	0.300	-0.960	0.195
U100-02A				0.709			0.899						
U100-02G				2.500			1.711						
U100-03A							0.183						
U100-03G							0.955						
U100-04A							2.595						
U100-04G							1.629						
U100-05A							0.618						
U100-05G							0.621						
U100-06A							0.460						
U100-06G							0.407						
U100-07A							1.824						
U100-07G							3.129						
U100-08A							10.520						
U100-08G							5.070						
U100-09A							1.154						
U100-09G							0.689						
U100-10A							0.987						
U100-10G							1.552						
Summary	**2.784**	**-**	**2.496**	**2.361**	**2.550**	**2.151**	**2.037**	**-**	**-**	**-0.135**	**0.189**	**-0.399**	**-0.114**
Significance								**-**	**-**	**0.652**	**0.180**	**0.652**	**0.652**

Table B.58 Urban 100 km/h site results for each site in each direction of travel – per cent more than 0 km/h and less than 5 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	17.870		16.650	16.866	15.181	17.544	18.031			0.216	-1.685	2.363	0.487
U100-01G	14.698		19.972	21.568	24.008	19.504	19.790			1.596	2.440	-4.504	0.286
U100-02A				9.331			10.365						
U100-02G				17.789			18.137						
U100-03A							3.533						
U100-03G							14.038						
U100-04A							18.849						
U100-04G							12.801						
U100-05A							9.637						
U100-05G							12.974						
U100-06A							5.702						
U100-06G							5.497						
U100-07A							16.674						
U100-07G							20.462						
U100-08A							32.902						
U100-08G							24.563						
U100-09A							17.193						
U100-09G							15.297						
U100-10A							10.234						
U100-10G							14.395						
Summary	**16.284**	**-**	**18.311**	**19.217**	**19.595**	**18.524**	**18.911**	**-**	**-**	**0.906**	**0.378**	**-1.071**	**0.387**
Significance								**-**	**-**	**0.180**	**0.652**	**0.652**	**0.180**

Table B.59 Urban 100 km/h site results for each site in each direction of travel - per cent more than 5 km/h and less than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	5.359		4.139	3.747	3.735	4.832	4.070			-0.392	-0.012	1.097	-0.762
U100-01G	4.407		5.719	5.330	6.425	4.928	4.483			-0.389	1.095	-1.497	-0.445
U100-02A				2.240			2.540						
U100-02G				6.323			5.305						
U100-03A							0.575						
U100-03G							3.471						
U100-04A							6.945						
U100-04G							4.353						
U100-05A							1.934						
U100-05G							2.278						
U100-06A							1.326						
U100-06G							1.041						
U100-07A							5.224						
U100-07G							8.021						
U100-08A							17.981						
U100-08G							9.809						
U100-09A							5.435						
U100-09G							3.005						
U100-10A							2.539						
U100-10G							3.509						
Summary	**4.883**	**-**	**4.929**	**4.538**	**5.080**	**4.880**	**4.276**	**-**	**-**	**-0.391**	**0.542**	**-0.200**	**-0.604**
Significance								**-**	**-**	**0.180**	**0.652**	**0.652**	**0.180**

Table B.60 Urban 100 km/h site results for each site in each direction of travel - vehicle count

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
U100-01A	8920		9808	11289	11244	10203	8502			1481	-45	-1041	-1701
U100-01G	8736		9408	11183	10942	10531	7807			1775	-241	-411	-2724
U100-02A				413582			464420						
U100-02G				463542			534733						
U100-03A							119212						
U100-03G							127971						
U100-04A							194402						
U100-04G							189464						
U100-05A							92122						
U100-05G							94091						
U100-06A							74184						
U100-06G							74653						
U100-07A							207234						
U100-07G							153227						
U100-08A							116235						
U100-08G							16924						
U100-09A							68807						
U100-09G							65000						
U100-10A							7602						
U100-10G							8635						
Summary	**8828**	**-**	**9608**	**11236**	**11093**	**10367**	**8155**	**-**	**-**	**1628**	**-143**	**-726**	**-2213**
Significance								**-**	**-**	**0.180**	**0.180**	**0.180**	**0.180**

Table B.61 Rural 100 km/h site results for each site in each direction of travel - mean speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		87.047	86.202	86.060			85.211		-0.845	-0.142			
R100-01G		91.230	89.789	90.325			89.380		-1.441	0.536			
R100-02A	95.093	92.476	94.028	93.811			95.016	-2.617	1.552	-0.217			
R100-02G	94.787	94.774	95.494	93.900			96.720	-0.013	0.720	-1.594			
R100-03A	89.013	85.444	85.159	85.074		90.696	96.695	-3.569	-0.285	-0.085			5.998
R100-03G	90.951	88.106	87.356	87.853		88.966	94.837	-2.845	-0.750	0.497			5.872
R100-04A	98.542	100.259		94.865			98.183	1.717					
R100-04G	96.764	96.367		93.939			95.857	-0.397					
R100-05A			92.273	96.544			98.747			4.271			
R100-05G			94.732	97.202			95.048			2.470			
R100-06A	102.836	101.716		99.046	100.618	100.675	99.315	-1.120			1.572	0.057	-1.359
R100-06G	100.118	99.544		99.614	99.675	100.257	99.780	-0.574			0.061	0.583	-0.478
R100-07A	99.801	98.573		100.250			98.539	-1.228					
R100-07G	103.240	102.482		101.862			101.635	-0.758					
R100-08A	99.333	99.100	100.291	97.035		94.426	93.793	-0.233	1.191	-3.256			-0.633
R100-08G	94.076	92.530	93.222	91.862		91.629	94.468	-1.546	0.692	-1.360			2.838
R100-09A	98.143	97.627	94.612	96.056		95.717	92.179	-0.516	-3.015	1.444			-3.538
R100-09G	97.113	92.526	94.558	96.812		91.466	98.419	-4.587	2.032	2.254			6.954
R100-10A	99.265	99.001	98.731	99.073		99.151	98.944	-0.264	-0.270	0.342			-0.207
R100-10G	98.166	98.653	98.428	98.525		98.318	98.153	0.487	-0.225	0.097			-0.165
R100-11A	101.060	100.169	99.730	100.331			98.814	-0.891	-0.439	0.601			
R100-11G	99.065	98.071	99.402	98.850			99.110	-0.994	1.331	-0.552			
R100-12A	100.709	101.312	99.947	99.914			97.319	0.603	-1.365	-0.033			
R100-12G	99.194	100.024	99.974	99.612			99.937	0.830	-0.050	-0.362			
R100-13A	99.795		101.917	101.197		99.988	99.724			-0.720			-0.264
R100-13G	101.969		99.192	99.712		100.497	99.780			0.520			-0.717
R100-14A	104.002	102.529	101.742	102.262		99.594	100.180	-1.473	-0.787	0.520			0.586
R100-14G	100.527	101.843	100.940	100.374		100.542	100.932	1.316	-0.903	-0.566			0.390
R100-15A		99.697	101.161	100.002	99.506	99.472	98.877		1.464	-1.159	-0.496	-0.034	-0.595
R100-15G		100.374	101.350	97.419	100.761	100.408	100.610		0.976	-3.931	3.342	-0.354	0.202
R100-16A	98.393	96.421	95.646	97.018			94.232	-1.972	-0.775	1.372			
R100-16G	95.981	95.402	92.277	92.563			91.353	-0.579	-3.125	0.286			
R100-17A	97.072	96.368	97.553	96.731				-0.704	1.185	-0.822			
R100-17G	97.338	97.375	95.815	96.556				0.037	-1.560	0.741			
R100-18A		95.859	95.261	99.010	99.153	100.666	99.606		-0.598	3.749	0.143	1.513	-1.060
R100-18G		98.649	99.632	102.632	101.631	102.666	101.231		0.983	3.000	-1.001	1.034	-1.435
R100-19A	93.342	92.533	93.326	92.414			94.908	-0.809	0.793	-0.912			
R100-19G	95.507	94.017	94.429	93.731			93.584	-1.490	0.412	-0.698			
R100-20A	89.462	91.421	82.102	92.136	96.986	82.078	86.211	1.959	-9.319	10.034	4.850	-14.908	4.133
R100-20G	93.473	86.174	90.754	90.007	84.694	96.446	92.896	-7.299	4.580	-0.747	-5.313	11.753	-3.550
R100-21A	91.114	91.044	93.688	97.888	95.994		96.876	-0.070	2.644	4.200	-1.894		
R100-21G	91.385	90.687	89.127	87.219	90.421		88.389	-0.698	-1.560	-1.908	3.202		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	97.584	96.578	95.029	93.356		89.745	86.474	-1.006	-1.549	-1.673			-3.272
R100-22G	96.385	96.104	94.590	89.733		95.014	93.883	-0.281	-1.514	-4.857			-1.130
R100-23A	92.000	90.715	96.057	95.353			95.965	-1.285	5.342	-0.704			
R100-23G	99.111	99.510	91.125	91.729			97.380	0.399	-8.385	0.604			
R100-24A	84.379	79.413	79.558	87.000		86.968	87.732	-4.966	0.145	7.442			0.764
R100-24G	89.629	89.023	90.428	89.037		88.249	94.357	-0.606	1.405	-1.391			6.108
R100-25A	83.911	98.093	80.171	88.416	95.700	89.345	91.937	14.182	-17.922	8.245	7.284	-6.355	2.592
R100-25G	93.698	101.316	98.740	94.663	105.719	91.188	98.823	7.618	-2.576	-4.077	11.056	-14.531	7.635
R100-26A	82.852	84.976	81.282	81.692		80.072		2.124	-3.694	0.410			
R100-26G	80.468	85.307	84.370	84.336		81.045		4.839	-0.937	-0.034			
R100-27A	92.480	92.266	95.692	91.085	91.775	90.143		-0.214	3.426	-4.607	0.690	-1.631	
R100-27G	92.002	93.458	94.238	88.798	92.412	90.023		1.456	0.780	-5.440	3.614	-2.389	
R100-28A	86.722	85.032	87.419	91.442	88.231	87.291	93.302	-1.690	2.387	4.023	-3.211	-0.940	6.011
R100-28G	85.733	84.889	81.981	85.403	81.155	80.409	94.562	-0.844	-2.908	3.422	-4.248	-0.746	14.153
R100-29A	89.738	84.633	91.476	92.355				-5.105	6.843	0.879			
R100-29G	90.202	86.406	88.587	84.316				-3.796	2.181	-4.271			
R100-30A	97.352	94.635	97.670	96.356	95.417	97.212	97.606	-2.717	3.035	-1.314	-0.939	1.795	0.394
R100-30G	98.102	96.179	94.346	94.019	92.735	93.670	97.064	-1.923	-1.833	-0.327	-1.284	0.935	3.394
R100-31A	99.045	91.423	93.854	93.006	98.903	95.993		-7.622	2.431	-0.848	5.897	-2.910	
R100-31G	94.898	97.708	95.582	92.623	99.346	95.902		2.810	-2.126	-2.959	6.723	-3.444	
R100-32A	91.567		89.663	86.718	90.664	87.343	89.143			-2.945	3.946	-3.321	1.799
R100-32G	90.812		81.805	85.475	82.925	79.462	76.184			3.670	-2.550	-3.463	-3.277
R100-33A			83.289	80.450	83.293	83.471				-2.839	2.843	0.178	
R100-33G			85.976	84.665	90.095	86.974				-1.311	5.430	-3.121	
R100-34A		88.523	88.388	87.646	90.923	82.869	85.080		-0.135	-0.742	3.277	-8.054	2.211
R100-34G		94.281	88.908	88.578	92.680	83.191	85.604		-5.373	-0.330	4.102	-9.489	2.413
R100-35A	85.211	92.424	93.562	95.877	90.514	92.914	94.305	7.213	1.138	2.315	-5.363	2.400	1.391
R100-35G	92.327	97.722	90.260	94.889	89.239	86.750	92.174	5.395	-7.462	4.629	-5.650	-2.489	5.424
R100-36A	104.234	99.317	99.322	102.801	88.120	94.088		-4.917	0.005	3.479	-14.681	5.968	
R100-36G	91.321	96.646	96.315	95.436	89.080	102.656		5.325	-0.331	-0.879	-6.356	13.576	
R100-37A	98.304	96.657	92.111	98.594	98.776	101.478	98.075	-1.647	-4.546	6.483	0.182	2.702	-3.403
R100-37G	98.304	96.657	92.111	98.594	98.776	94.303	93.589	-1.647	-4.546	6.483	0.182	-4.473	-0.715
R100-38A	86.898	94.950	94.784	96.504	98.317	97.643	97.098	8.052	-0.166	1.720	1.813	-0.673	-0.546
R100-38G	86.599	98.049	91.061	92.116	89.532	85.983	97.067	11.450	-6.988	1.055	-2.584	-3.548	11.084
R100-39A	86.358	89.879	87.921	88.025	89.257	88.486	87.151	3.521	-1.958	0.104	1.232	-0.771	-1.335
R100-39G	90.397	88.710	92.762	91.456	89.488	90.083	87.062	-1.687	4.052	-1.306	-1.968	0.594	-3.021
R100-40A	100.986	90.182	92.803	94.460	91.511	102.005	92.931	-10.804	2.621	1.657	-2.949	10.495	-9.074
R100-40G	95.764	85.913	95.022	97.195	94.108	96.494	104.227	-9.851	9.109	2.173	-3.087	2.386	7.733
R100-41A	80.691	82.962	80.058	78.080	76.494	78.950	82.321	2.271	-2.904	-1.978	-1.586	2.456	3.370
R100-41G	76.309	79.077	73.078	78.058	83.261	80.964	83.142	2.768	-5.999	4.980	5.203	-2.297	2.178
R100-42A	102.690	99.464		94.966	100.919	101.606	104.051	-3.226			5.953	0.687	2.445
R100-42G	98.716	99.699		96.835	98.690	99.090	98.884	0.983			1.855	0.400	-0.207

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	97.835	99.577		101.056	97.686	97.257		1.742			-3.370	-0.429	
R100-43G	96.625	97.667		98.003	97.157	97.886		1.042			-0.846	0.728	
R100-44A	99.197	98.007	98.128	97.682	96.678	97.071	97.224	-1.190	0.121	-0.446	-1.004	0.393	0.153
R100-44G	98.018	98.830	97.888	99.204	98.025	96.698	98.947	0.812	-0.942	1.316	-1.179	-1.327	2.249
R100-45A		91.749	86.907	96.738	91.196	90.366	89.570		-4.842	9.831	-5.542	-0.830	-0.796
R100-45G		97.809	88.999	90.327	94.397	94.590	93.486		-8.810	1.328	4.070	0.193	-1.105
R100-46A		97.298	95.913	97.802			99.225		-1.385	1.889			
R100-46G		99.423	97.450	97.335			98.038		-1.973	-0.115			
R100-47A				101.819	100.883		99.401				-0.936		
R100-47G				103.997	100.716		97.981				-3.281		
R100-48A		93.041	92.133	92.873			93.244		-0.908	0.740			
R100-48G		95.206	93.823	95.982			96.276		-1.383	2.159			
R100-49A	98.856	99.305	98.375	98.637				0.449	-0.930	0.262			
R100-49G	98.398	97.811	96.258	97.168				-0.587	-1.553	0.910			
R100-50A	97.408	97.618	96.707	95.912	94.327		98.802	0.210	-0.911	-0.795	-1.585		
R100-50G	95.873	96.141	95.140	95.948	95.579		97.071	0.268	-1.001	0.808	-0.369		
R100-51A		92.153	92.330	91.812	90.896	91.729	90.417		0.177	-0.518	-0.916	0.832	-1.312
R100-51G		87.296	88.447	88.700	87.600	87.913	86.293		1.151	0.253	-1.100	0.312	-1.619
R100-52A	98.572		99.687	96.489	94.683	96.139	89.634			-3.198	-1.806	1.456	-6.506
R100-52G	95.026		96.643	98.762	97.273	99.124	106.702			2.119	-1.489	1.851	7.578
R100-53A		98.927	98.895	98.087		86.908			-0.032	-0.808			
R100-53G		99.563	99.599	99.490		89.625			0.036	-0.109			
R100-54A		97.476		96.704	98.147	98.359					1.443	0.212	
R100-54G		99.179		102.198	101.186	101.273					-1.012	0.087	
R100-55A		95.173	94.028						-1.145				
R100-55G		95.487	95.407						-0.080				
R100-56A		92.690	92.642	91.932	91.366	92.011	93.147		-0.048	-0.710	-0.566	0.645	1.136
R100-56G		94.920	94.459	94.459	93.857	93.908	95.143		-0.461	0.000	-0.602	0.051	1.235
R100-57A	96.983	96.099	96.529	97.140	96.634	96.877	97.215	-0.884	0.430	0.611	-0.506	0.243	0.338
R100-57G	95.975	96.500	95.711	95.046	94.641	95.546	95.524	0.525	-0.789	-0.665	-0.405	0.905	-0.022
R100-58A		92.705	93.091	92.224					0.386	-0.867			
R100-58G		94.003	94.141	94.030					0.138	-0.111			
R100-59A				90.268	90.955	91.430					0.687	0.476	
R100-59G				93.369	94.600	94.217					1.231	-0.383	
R100-60A			84.701	93.545	92.985		94.429			8.844	-0.560		
R100-60G			85.535	95.437	93.233		94.511			9.902	-2.204		
R100-61A	99.611			101.147	98.951	97.605	98.839				-2.196	-1.346	1.234
R100-61G	97.137			99.024	96.260	95.368	96.101				-2.764	-0.892	0.732
R100-62A				94.772	100.016	99.042	99.786				5.244	-0.974	0.744
R100-62G				97.233	98.001	99.006	98.993				0.768	1.005	-0.013
R100-63A	92.031			94.543	91.666	93.182	95.776				-2.877	1.516	2.594
R100-63G	91.570			95.014	94.450	95.800	94.736				-0.564	1.350	-1.064

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	97.418			94.869	96.437	96.212	97.816				1.568	-0.225	1.603
R100-64G	97.055			95.208	93.569	93.399	94.950				-1.639	-0.171	1.552
R100-65A	95.002			90.267			86.743						
R100-65G	95.017			83.565			81.670						
R100-66A	80.000			84.246	79.813	79.372	80.702				-4.433	-0.441	1.330
R100-66G	75.973			80.033	79.659	75.245	79.910				-0.374	-4.413	4.664
R100-67A				90.071	90.129	89.004					0.058	-1.125	
R100-67G				88.638	87.993	87.323					-0.645	-0.670	
R100-68A				81.174	78.047		90.482				-3.127		
R100-68G				68.850	71.125		83.873				2.275		
R100-69A				99.055	96.009		99.585				-3.046		
R100-69G				95.291	100.797		102.650				5.506		
R100-70A				96.369	100.249		102.344				3.880		
R100-70G				99.198	100.827		97.086				1.629		
R100-71A	95.048		95.356	90.052		98.040	98.116			-5.304			0.076
R100-71G	95.795		96.010	92.247		98.155	97.695			-3.763			-0.460
R100-72A				86.667	91.485		76.772				4.818		
R100-72G				90.938	93.105		71.500				2.167		
R100-73A			75.809	78.229			79.080			2.420			
R100-73G			78.113	82.019			82.446			3.906			
R100-74A			96.210	96.112	92.928		98.831			-0.098	-3.184		
R100-74G			94.285	93.051	91.998		94.534			-1.234	-1.053		
R100-75A	94.786		98.190	97.643	98.172		99.038			-0.547	0.529		
R100-75G	96.613		99.424	99.287	95.566		96.949			-0.137	-3.721		
R100-76A	97.184		99.057	99.616	95.708	95.976	99.675			0.559	-3.908	0.268	3.699
R100-76G	98.424		97.046	95.159	98.941	98.348	94.245			-1.887	3.782	-0.593	-4.103
R100-77A	87.821		88.204	88.057	85.838	87.452	88.595			-0.147	-2.219	1.614	1.143
R100-77G	85.263		89.038	84.321	88.425	87.682	88.073			-4.717	4.104	-0.743	0.392
R100-78A	98.702		89.068	89.011	93.130	92.572	92.087			-0.057	4.119	-0.558	-0.485
R100-78G	101.886		89.501	91.757	96.232	93.450	94.064			2.256	4.475	-2.782	0.615
R100-79A				99.740	98.992	118.465					-0.748	19.473	
R100-79G				101.224	99.380	105.676					-1.844	6.296	
R100-80A	99.694	99.552	98.762	98.191		98.268		-0.142	-0.790	-0.571			
R100-80G	103.665	102.500	103.195	102.809		102.174		-1.165	0.695	-0.386			
Summary	**96.499**	**95.923**	**95.538**	**95.467**	**94.905**	**94.913**	**95.306**	**-0.577**	**-0.385**	**-0.071**	**-0.562**	**0.009**	**0.393**
Significance								**0.146**	**0.038**	**0.424**	**0.888**	**0.516**	**0.020**

Table B.62 Rural 100 km/h site results for each site in each direction of travel - median speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		91.210	90.715	90.320			88.821		-0.495	-0.395			
R100-01G		93.765	92.730	92.970			91.616		-1.035	0.240			
R100-02A	95.720	93.350	94.780	94.745			95.634	-2.370	1.430	-0.035			
R100-02G	95.885	95.600	96.225	95.090			97.160	-0.285	0.625	-1.135			
R100-03A	91.010	86.940	86.890	86.600		92.657	97.877	-4.070	-0.050	-0.290			5.220
R100-03G	93.275	90.345	89.730	89.970		91.310	95.956	-2.930	-0.615	0.240			4.647
R100-04A	98.805	100.400		95.545			98.452	1.595					
R100-04G	97.055	96.695		94.475			96.250	-0.360					
R100-05A			93.445	97.305			99.151			3.860			
R100-05G			95.280	98.100			96.344			2.820			
R100-06A	102.345	101.540		98.935	100.605	100.605	99.176	-0.805			1.670	-0.001	-1.429
R100-06G	99.620	98.940		99.340	99.375	99.772	99.493	-0.680			0.035	0.394	-0.279
R100-07A	99.030	99.095		100.425			98.717	0.065					
R100-07G	102.200	101.470		101.745			100.590	-0.730					
R100-08A	99.450	99.310	100.430	97.640		95.210	94.751	-0.140	1.120	-2.790			-0.458
R100-08G	94.390	93.390	94.700	92.885		92.439	95.761	-1.000	1.310	-1.815			3.323
R100-09A	98.230	96.730	94.275	95.680		94.457	92.100	-1.500	-2.455	1.405			-2.357
R100-09G	95.600	93.960	95.770	95.000		92.368	98.947	-1.640	1.810	-0.770			6.579
R100-10A	99.675	99.475	99.045	99.450		99.299	99.065	-0.200	-0.430	0.405			-0.234
R100-10G	98.665	99.005	98.755	98.945		98.686	98.421	0.340	-0.250	0.190			-0.265
R100-11A	101.205	100.380	99.825	100.540			98.817	-0.825	-0.555	0.715			
R100-11G	100.020	99.100	100.115	100.015			99.790	-0.920	1.015	-0.100			
R100-12A	100.940	101.060	99.600	99.500			97.605	0.120	-1.460	-0.100			
R100-12G	99.655	99.670	99.780	99.405			100.175	0.015	0.110	-0.375			
R100-13A	99.695		100.860	100.605		99.968	99.740			-0.255			-0.229
R100-13G	101.860		99.555	100.140		99.846	99.180			0.585			-0.666
R100-14A	102.895	102.190	101.355	101.500		99.043	100.016	-0.705	-0.835	0.145			0.972
R100-14G	100.820	101.455	100.820	100.135		100.606	100.646	0.635	-0.635	-0.685			0.040
R100-15A		100.055	101.525	100.050	99.675	99.576	99.025		1.470	-1.475	-0.375	-0.099	-0.551
R100-15G		101.000	101.150	97.445	100.780	100.613	100.960		0.150	-3.705	3.335	-0.169	0.347
R100-16A	99.305	98.120	96.970	98.170			96.239	-1.185	-1.150	1.200			
R100-16G	96.885	97.550	93.510	93.770			93.512	0.665	-4.040	0.260			
R100-17A	98.125	97.490	98.360	97.840				-0.635	0.870	-0.520			
R100-17G	98.210	98.310	96.870	97.760				0.100	-1.440	0.890			
R100-18A		96.730	95.905	98.770	98.850	100.673	98.940		-0.825	2.865	0.080	1.825	-1.734
R100-18G		98.880	99.525	102.360	101.310	101.849	100.687		0.645	2.835	-1.050	0.539	-1.162
R100-19A	95.455	94.905	95.625	94.490			96.431	-0.550	0.720	-1.135			
R100-19G	96.730	95.560	95.620	94.620			95.316	-1.170	0.060	-1.000			
R100-20A	90.000	92.205	84.020	91.680	96.735	81.627	87.500	2.205	-8.185	7.660	5.055	-15.107	5.873
R100-20G	94.945	85.830	91.785	91.145	84.920	96.053	92.632	-9.115	5.955	-0.640	-6.225	11.130	-3.421
R100-21A	92.220	91.465	94.690	97.600	96.610		96.774	-0.755	3.225	2.910	-0.990		
R100-21G	92.315	89.900	87.880	88.190	91.225		89.407	-2.415	-2.020	0.310	3.035		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	97.215	97.270	95.765	93.425		90.870	87.755	0.055	-1.505	-2.340			-3.114
R100-22G	96.975	96.485	95.280	90.405		96.473	94.508	-0.490	-1.205	-4.875			-1.965
R100-23A	92.500	90.875	96.355	96.440			95.526	-1.625	5.480	0.085			
R100-23G	97.500	97.875	90.835	91.375			96.761	0.375	-7.040	0.540			
R100-24A	86.860	83.410	80.360	89.760		85.000	88.889	-3.450	-3.050	9.400			3.889
R100-24G	90.735	91.720	92.235	88.460		89.265	91.333	0.985	0.515	-3.775			2.069
R100-25A	87.500	99.645	85.310	90.225	98.125	89.375	96.000	12.145	-14.335	4.915	7.900	-8.750	6.625
R100-25G	96.030	99.810	98.380	93.160	103.905	90.667	96.667	3.780	-1.430	-5.220	10.745	-13.240	6.000
R100-26A	84.460	86.550	82.050	83.750		80.373		2.090	-4.500	1.700			
R100-26G	81.230	85.710	85.000	85.500		81.898		4.480	-0.710	0.500			
R100-27A	92.315	94.885	97.750	92.500	91.910	91.019		2.570	2.865	-5.250	-0.590	-0.893	
R100-27G	93.025	93.750	96.590	91.145	93.150	91.759		0.725	2.840	-5.445	2.005	-1.393	
R100-28A	87.900	86.200	88.550	91.810	90.480	89.022	93.986	-1.700	2.350	3.260	-1.330	-1.459	4.965
R100-28G	87.420	87.220	82.980	85.900	83.810	80.400	95.648	-0.200	-4.240	2.920	-2.090	-3.410	15.248
R100-29A	90.000	86.550	92.680	92.815				-3.450	6.130	0.135			
R100-29G	89.130	86.090	88.420	88.100				-3.040	2.330	-0.320			
R100-30A	99.785	96.380	98.295	97.500	95.805	98.200	97.697	-3.405	1.915	-0.795	-1.695	2.396	-0.503
R100-30G	98.585	98.105	95.000	95.485	93.910	94.344	98.750	-0.480	-3.105	0.485	-1.575	0.435	4.406
R100-31A	99.115	90.185	95.190	92.085	98.540	95.729		-8.930	5.005	-3.105	6.455	-2.813	
R100-31G	96.665	98.335	96.500	95.180	100.385	96.806		1.670	-1.835	-1.320	5.205	-3.579	
R100-32A	90.225		90.000	85.790	90.000	87.391	85.833			-4.210	4.210	-2.609	-1.558
R100-32G	91.000		85.710	85.680	83.750	81.667	76.000			-0.030	-1.930	-2.083	-5.667
R100-33A			86.070	81.440	84.590	84.375				-4.630	3.150	-0.215	
R100-33G			87.030	87.570	90.500	88.452				0.540	2.930	-2.048	
R100-34A		89.090	88.770	87.390	91.250	84.615	87.717		-0.320	-1.380	3.860	-6.635	3.102
R100-34G		95.650	88.770	87.850	94.665	87.542	85.431		-6.880	-0.920	6.815	-7.124	-2.111
R100-35A	86.180	92.980	93.395	96.375	89.590	94.464	95.769	6.800	0.415	2.980	-6.785	4.870	1.305
R100-35G	94.750	96.785	91.925	93.750	88.930	88.667	94.286	2.035	-4.860	1.825	-4.820	-0.262	5.619
R100-36A	105.705	102.070	101.155	103.205	94.915	96.172		-3.635	-0.915	2.050	-8.290	1.258	
R100-36G	92.045	96.750	96.700	95.130	93.875	101.765		4.705	-0.050	-1.570	-1.255	7.890	
R100-37A	98.750	97.265	92.630	99.140	100.000	101.667	98.300	-1.485	-4.635	6.510	0.860	1.667	-3.367
R100-37G	98.750	97.265	92.630	99.140	100.000	94.792	94.091	-1.485	-4.635	6.510	0.860	-5.208	-0.701
R100-38A	90.335	96.020	96.500	98.515	99.970	98.406	98.866	5.685	0.480	2.015	1.455	-1.561	0.460
R100-38G	88.480	99.520	93.245	93.040	91.695	86.976	98.173	11.040	-6.275	-0.205	-1.345	-4.717	11.197
R100-39A	87.680	91.205	89.470	89.670	90.945	89.845	88.794	3.525	-1.735	0.200	1.275	-1.100	-1.051
R100-39G	91.755	90.240	93.545	92.340	91.090	91.401	88.214	-1.515	3.305	-1.205	-1.250	0.311	-3.187
R100-40A	100.650	87.840	95.000	93.180	93.555	99.432	93.333	-12.810	7.160	-1.820	0.375	5.879	-6.098
R100-40G	96.335	84.870	95.165	99.645	96.155	97.045	105.789	-11.465	10.295	4.480	-3.490	0.892	8.744
R100-41A	83.960	86.560	83.640	81.480	79.820	83.050	84.785	2.600	-2.920	-2.160	-1.660	3.233	1.735
R100-41G	82.180	83.870	78.810	80.860	86.090	83.674	85.198	1.690	-5.060	2.050	5.230	-2.412	1.523
R100-42A	102.730	101.045		96.585	100.960	101.367	104.093	-1.685			4.375	0.408	2.725
R100-42G	99.290	100.430		97.740	99.250	99.580	100.615	1.140			1.510	0.330	1.034

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	98.455	100.105		101.105	98.045	97.758		1.650			-3.060	-0.287	
R100-43G	97.750	98.300		98.075	97.795	98.711		0.550			-0.280	0.915	
R100-44A	99.845	98.475	98.560	98.115	97.450	97.782	97.742	-1.370	0.085	-0.445	-0.665	0.333	-0.040
R100-44G	98.550	99.305	98.305	99.535	98.565	97.475	98.903	0.755	-1.000	1.230	-0.970	-1.089	1.428
R100-45A		92.585	91.705	97.445	92.210	91.492	90.748		-0.880	5.740	-5.235	-0.717	-0.744
R100-45G		98.510	94.060	91.360	95.595	95.524	94.304		-4.450	-2.700	4.235	-0.071	-1.220
R100-46A		98.800	97.070	99.530			100.361		-1.730	2.460			
R100-46G		100.145	97.995	98.025			98.366		-2.150	0.030			
R100-47A				102.005	101.340		99.612				-0.665		
R100-47G				103.970	101.335		98.326				-2.635		
R100-48A		93.145	92.385	93.100			93.528		-0.760	0.715			
R100-48G		95.065	94.070	96.175			96.534		-0.995	2.105			
R100-49A	98.590	98.995	98.095	98.300				0.405	-0.900	0.205			
R100-49G	98.355	97.705	96.360	97.185				-0.650	-1.345	0.825			
R100-50A	97.935	97.965	97.355	96.540	95.290		98.152	0.030	-0.610	-0.815	-1.250		
R100-50G	95.605	96.000	95.820	96.465	95.680		97.257	0.395	-0.180	0.645	-0.785		
R100-51A		96.535	95.865	95.475	93.760	95.735	95.135		-0.670	-0.390	-1.715	1.976	-0.600
R100-51G		92.410	93.010	93.025	91.730	93.062	91.904		0.600	0.015	-1.295	1.333	-1.158
R100-52A	99.545		100.655	97.740	96.605	97.715	91.162			-2.915	-1.135	1.111	-6.553
R100-52G	96.855		97.995	98.950	97.140	99.012	106.373			0.955	-1.810	1.873	7.362
R100-53A		98.595	98.650	98.040		86.477			0.055	-0.610			
R100-53G		100.110	100.185	100.025		89.271			0.075	-0.160			
R100-54A		98.420		97.145	98.160	98.180					1.015	0.022	
R100-54G		99.490		100.950	100.100	100.625					-0.850	0.525	
R100-55A		96.190	95.320						-0.870				
R100-55G		96.325	96.180						-0.145				
R100-56A		94.335	94.335	93.355	92.995	93.637	94.859		0.000	-0.980	-0.360	0.642	1.222
R100-56G		95.880	95.340	95.435	94.830	94.916	96.040		-0.540	0.095	-0.605	0.085	1.124
R100-57A	97.310	96.505	96.995	97.470	97.030	97.227	97.473	-0.805	0.490	0.475	-0.440	0.198	0.245
R100-57G	96.620	96.970	96.490	95.670	95.315	96.061	96.008	0.350	-0.480	-0.820	-0.355	0.747	-0.054
R100-58A		94.480	94.450	93.545					-0.030	-0.905			
R100-58G		95.365	95.260	95.115					-0.105	-0.145			
R100-59A				91.130	91.925	92.487					0.795	0.561	
R100-59G				93.915	95.145	94.999					1.230	-0.148	
R100-60A			85.580	94.625	94.500		95.368			9.045	-0.125		
R100-60G			85.920	96.290	94.995		95.557			10.370	-1.295		
R100-61A	99.345			101.000	98.890	97.876	99.028				-2.110	-1.016	1.152
R100-61G	97.560			99.000	96.880	95.996	96.937				-2.120	-0.884	0.941
R100-62A				95.185	100.640	99.643	100.425				5.455	-0.996	0.782
R100-62G				97.220	98.465	99.683	99.894				1.245	1.218	0.211
R100-63A	93.360			95.020	92.530	93.713	96.409				-2.490	1.185	2.696
R100-63G	92.620			95.275	95.010	95.984	94.952				-0.265	0.976	-1.032

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	98.305			95.970	97.025	97.095	97.991				1.055	0.070	0.896
R100-64G	97.700			96.205	94.535	94.700	95.633				-1.670	0.167	0.933
R100-65A	96.330			91.405			88.008						
R100-65G	96.350			84.370			82.845						
R100-66A	84.600			85.330	82.280	82.442	83.939				-3.050	0.159	1.498
R100-66G	81.720			80.310	84.120	79.362	80.526				3.810	-4.761	1.165
R100-67A				91.920	91.740	90.481					-0.180	-1.257	
R100-67G				90.245	89.270	88.290					-0.975	-0.977	
R100-68A				83.510	80.940		89.268				-2.570		
R100-68G				71.760	73.780		85.181				2.020		
R100-69A				99.925	97.240		99.565				-2.685		
R100-69G				95.170	99.885		102.608				4.715		
R100-70A				97.315	99.440		102.269				2.125		
R100-70G				99.055	99.915		97.500				0.860		
R100-71A	95.385		95.945	90.980		97.981	98.421			-4.965			0.441
R100-71G	96.350		96.595	93.900		98.497	98.115			-2.695			-0.382
R100-72A				86.360	92.340		78.684				5.980		
R100-72G				91.850	93.355		74.000				1.505		
R100-73A			75.530	77.610			78.582			2.080			
R100-73G			77.860	82.340			83.047			4.480			
R100-74A			96.850	96.625	95.215		98.812			-0.225	-1.410		
R100-74G			95.085	94.165	93.290		95.915			-0.920	-0.875		
R100-75A	93.450		96.395	96.625	96.380		97.169			0.230	-0.245		
R100-75G	94.420		97.435	98.240	94.535		95.362			0.805	-3.705		
R100-76A	96.720		98.470	99.345	95.650	95.696	98.633			0.875	-3.695	0.048	2.937
R100-76G	97.755		97.430	95.310	98.675	98.189	94.541			-2.120	3.365	-0.485	-3.648
R100-77A	90.010		90.960	90.085	86.960	89.115	91.439			-0.875	-3.125	2.154	2.324
R100-77G	87.490		91.385	86.520	91.115	89.917	89.156			-4.865	4.595	-1.200	-0.761
R100-78A	97.585		91.885	91.885	96.930	95.988	94.722			0.000	5.045	-0.941	-1.265
R100-78G	100.155		89.810	91.680	96.130	96.295	96.944			1.870	4.450	0.167	0.649
R100-79A				100.495	100.075	126.448					-0.420	26.374	
R100-79G				101.010	99.465	100.603					-1.545	1.140	
R100-80A	99.285	99.395	98.640	98.355		98.337		0.110	-0.755	-0.285			
R100-80G	102.965	102.205	102.205	102.090		101.860		-0.760	0.000	-0.115			
Summary	**96.793**	**96.470**	**95.953**	**95.960**	**95.593**	**95.627**	**96.021**	**-0.323**	**-0.518**	**0.008**	**-0.368**	**0.035**	**0.394**
Significance								**0.242**	**0.022**	**0.748**	**0.794**	**0.576**	**0.062**

Table B.63 Rural 100 km/h site results for each site in each direction of travel - 85th percentile speed

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		99.525	99.325	98.850			97.429		-0.200	-0.475			
R100-01G		102.455	101.105	100.870			99.335		-1.350	-0.235			
R100-02A	103.925	101.995	103.045	102.860			103.171	-1.930	1.050	-0.185			
R100-02G	104.110	103.830	104.205	103.615			104.646	-0.280	0.375	-0.590			
R100-03A	99.925	96.730	96.130	95.705		101.700	106.222	-3.195	-0.600	-0.425			4.521
R100-03G	103.345	99.455	98.705	99.280		99.549	103.913	-3.890	-0.750	0.575			4.364
R100-04A	106.555	108.770		102.665			105.109	2.215					
R100-04G	104.635	104.600		102.120			103.506	-0.035					
R100-05A			104.170	105.835			107.832			1.665			
R100-05G			105.090	106.695			104.282			1.605			
R100-06A	109.940	109.265		107.355	108.115	108.142	106.474	-0.675			0.760	0.027	-1.668
R100-06G	107.050	106.155		107.385	106.240	107.354	106.896	-0.895			-1.145	1.114	-0.458
R100-07A	111.980	110.760		112.500			108.713	-1.220					
R100-07G	115.865	114.095		114.690			112.770	-1.770					
R100-08A	111.170	110.760	111.440	109.455		106.169	104.870	-0.410	0.680	-1.985			-1.298
R100-08G	107.540	104.325	105.340	104.770		104.010	105.837	-3.215	1.015	-0.570			1.827
R100-09A	109.260	109.230	106.925	109.715		107.864	102.028	-0.030	-2.305	2.790			-5.836
R100-09G	109.835	105.905	105.250	109.415		103.024	108.625	-3.930	-0.655	4.165			5.601
R100-10A	105.115	104.770	104.610	104.815		104.637	104.438	-0.345	-0.160	0.205			-0.199
R100-10G	104.275	104.400	104.385	104.270		104.003	103.869	0.125	-0.015	-0.115			-0.134
R100-11A	110.385	109.010	109.260	109.690			108.037	-1.375	0.250	0.430			
R100-11G	108.890	107.270	108.330	107.865			108.181	-1.620	1.060	-0.465			
R100-12A	107.435	108.585	107.085	106.805			103.740	1.150	-1.500	-0.280			
R100-12G	106.580	106.610	106.610	105.585			106.805	0.030	0.000	-1.025			
R100-13A	109.810		110.390	109.370		108.509	108.958			-1.020			0.448
R100-13G	111.585		108.085	109.220		109.027	108.201			1.135			-0.825
R100-14A	114.560	113.305	112.330	112.325		109.113	109.528	-1.255	-0.975	-0.005			0.415
R100-14G	112.090	112.705	112.080	111.075		111.415	110.316	0.615	-0.625	-1.005			-1.099
R100-15A		105.220	106.855	104.910	104.545	104.401	104.242		1.635	-1.945	-0.365	-0.142	-0.159
R100-15G		106.950	107.080	103.240	105.975	105.589	105.292		0.130	-3.840	2.735	-0.387	-0.296
R100-16A	109.320	107.470	106.775	108.245			104.799	-1.850	-0.695	1.470			
R100-16G	107.595	108.120	105.495	104.950			103.878	0.525	-2.625	-0.545			
R100-17A	105.750	104.885	105.935	104.805				-0.865	1.050	-1.130			
R100-17G	105.635	105.910	104.190	104.755				0.275	-1.720	0.565			
R100-18A		106.815	107.910	109.555	108.770	111.189	109.607		1.095	1.645	-0.785	2.421	-1.582
R100-18G		108.200	109.970	112.810	111.565	112.019	111.302		1.770	2.840	-1.245	0.453	-0.717
R100-19A	107.750	108.740	107.465	107.285			107.937	0.990	-1.275	-0.180			
R100-19G	108.225	107.210	106.555	106.075			104.687	-1.015	-0.655	-0.480			
R100-20A	102.550	105.080	96.550	105.685	111.220	94.417	102.648	2.530	-8.530	9.135	5.535	-16.801	8.231
R100-20G	106.950	100.780	106.355	102.790	97.820	111.167	105.575	-6.170	5.575	-3.565	-4.970	13.348	-5.592
R100-21A	106.405	107.955	108.980	113.885	113.015		113.188	1.550	1.025	4.905	-0.870		
R100-21G	108.010	108.585	104.635	102.115	106.220		103.565	0.575	-3.950	-2.520	4.105		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	112.015	109.415	109.120	110.910		103.816	100.095	-2.600	-0.295	1.790			-3.721
R100-22G	111.780	110.605	108.565	105.495		108.729	108.778	-1.175	-2.040	-3.070			0.049
R100-23A	109.165	104.530	110.855	110.540			108.500	-4.635	6.325	-0.315			
R100-23G	115.970	114.620	109.200	108.250			112.034	-1.350	-5.420	-0.950			
R100-24A	104.660	101.030	103.875	107.405		111.000	116.313	-3.630	2.845	3.530			5.313
R100-24G	107.770	107.660	111.635	115.750		106.225	116.833	-0.110	3.975	4.115			10.608
R100-25A	108.915	117.860	105.460	103.820	114.220	113.000	117.000	8.945	-12.400	-1.640	10.400	-1.219	4.000
R100-25G	107.805	121.500	116.850	111.000	126.960	110.000	114.833	13.695	-4.650	-5.850	15.960	-16.971	4.833
R100-26A	102.440	105.550	101.650	100.880		99.885		3.110	-3.900	-0.770			
R100-26G	97.355	101.485	99.735	100.835		98.275		4.130	-1.750	1.100			
R100-27A	107.730	111.375	114.105	108.900	111.135	105.583		3.645	2.730	-5.205	2.235	-5.550	
R100-27G	109.170	109.725	110.585	105.530	111.430	106.638		0.555	0.860	-5.055	5.900	-4.794	
R100-28A	102.300	100.290	101.035	105.205	103.640	100.596	106.828	-2.010	0.745	4.170	-1.565	-3.045	6.232
R100-28G	99.340	99.555	96.030	99.840	95.165	90.967	109.019	0.215	-3.525	3.810	-4.675	-4.200	18.053
R100-29A	104.900	99.865	105.210	104.465				-5.035	5.345	-0.745			
R100-29G	103.400	107.000	109.600	109.840				3.600	2.600	0.240			
R100-30A	112.575	112.525	113.130	112.140	111.310	112.048	113.258	-0.050	0.605	-0.990	-0.830	0.741	1.210
R100-30G	113.950	111.355	109.670	108.970	107.715	107.487	112.240	-2.595	-1.685	-0.700	-1.255	-0.227	4.753
R100-31A	115.210	108.820	109.645	109.705	114.785	112.979		-6.390	0.825	0.060	5.080	-1.808	
R100-31G	113.430	113.910	114.160	111.415	116.600	110.528		0.480	0.250	-2.745	5.185	-6.072	
R100-32A	108.690		106.500	106.665	106.165	103.333	111.250			0.165	-0.500	-2.833	7.917
R100-32G	111.430		97.900	101.915	96.315	93.750	95.750			4.015	-5.600	-2.563	2.000
R100-33A			99.750	99.290	98.675	102.231				-0.460	-0.615	3.556	
R100-33G			104.960	102.350	108.415	103.015				-2.610	6.065	-5.402	
R100-34A		102.665	106.675	102.340	106.145	100.500	103.058		4.010	-4.335	3.805	-5.646	2.558
R100-34G		108.605	106.230	105.880	108.900	104.830	104.760		-2.375	-0.350	3.020	-4.070	-0.070
R100-35A	108.195	107.645	110.750	113.340	107.980	109.525	109.750	-0.550	3.105	2.590	-5.360	1.544	0.225
R100-35G	112.635	115.780	107.100	111.375	103.835	103.125	104.182	3.145	-8.680	4.275	-7.540	-0.708	1.057
R100-36A	130.350	124.980	123.000	122.400	113.925	110.539		-5.370	-1.980	-0.600	-8.475	-3.387	
R100-36G	104.535	113.365	111.930	110.845	112.865	123.900		8.830	-1.435	-1.085	2.020	11.035	
R100-37A	114.525	113.170	107.205	113.000	114.485	114.500	112.875	-1.355	-5.965	5.795	1.485	0.015	-1.625
R100-37G	114.525	113.170	107.205	113.000	114.485	107.885	110.500	-1.355	-5.965	5.795	1.485	-6.600	2.615
R100-38A	104.415	109.395	109.835	112.745	113.420	111.380	109.210	4.980	0.440	2.910	0.675	-2.041	-2.170
R100-38G	104.205	111.330	104.630	106.330	102.120	98.496	109.986	7.125	-6.700	1.700	-4.210	-3.622	11.490
R100-39A	101.390	102.295	102.435	102.135	103.275	102.652	101.192	0.905	0.140	-0.300	1.140	-0.625	-1.460
R100-39G	103.435	103.535	105.165	103.975	102.630	101.839	98.765	0.100	1.630	-1.190	-1.345	-0.793	-3.075
R100-40A	114.840	106.910	107.000	112.250	108.655	116.306	105.250	-7.930	0.090	5.250	-3.595	7.649	-11.056
R100-40G	106.900	103.500	109.805	114.055	107.500	108.729	118.375	-3.400	6.305	4.250	-6.555	1.229	9.646
R100-41A	101.925	102.840	101.135	96.610	97.450	99.934	101.535	0.915	-1.705	-4.525	0.840	2.482	1.601
R100-41G	96.490	95.700	94.405	98.270	100.055	98.131	99.143	-0.790	-1.295	3.865	1.785	-1.922	1.012
R100-42A	109.385	108.680		105.470	107.735	108.389	111.894	-0.705			2.265	0.655	3.505
R100-42G	106.285	107.500		105.265	105.895	106.358	106.402	1.215			0.630	0.462	0.044

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	104.805	106.715		107.770	104.025	103.735		1.910			-3.745	-0.293	
R100-43G	104.320	104.650		104.445	104.035	104.596		0.330			-0.410	0.562	
R100-44A	106.055	104.670	104.915	104.290	103.565	103.668	103.806	-1.385	0.245	-0.625	-0.725	0.101	0.138
R100-44G	104.635	105.760	104.715	105.865	104.565	103.497	104.564	1.125	-1.045	1.150	-1.300	-1.068	1.067
R100-45A		99.790	99.750	105.910	99.485	98.812	98.079		-0.040	6.160	-6.425	-0.672	-0.732
R100-45G		106.625	102.180	98.385	103.085	102.821	101.961		-4.445	-3.795	4.700	-0.262	-0.860
R100-46A		107.220	104.775	108.045			107.610		-2.445	3.270			
R100-46G		107.745	104.805	104.990			104.462		-2.940	0.185			
R100-47A				109.055	108.400		106.778				-0.655		
R100-47G				111.560	108.240		104.644				-3.320		
R100-48A		102.190	101.020	102.215			102.284		-1.170	1.195			
R100-48G		104.405	103.295	105.225			104.927		-1.110	1.930			
R100-49A	104.825	104.985	104.415	104.520				0.160	-0.570	0.105			
R100-49G	104.490	104.105	102.995	103.590				-0.385	-1.110	0.595			
R100-50A	104.550	104.445	103.920	103.385	101.960		104.698	-0.105	-0.525	-0.535	-1.425		
R100-50G	104.760	104.515	103.190	103.665	103.455		105.204	-0.245	-1.325	0.475	-0.210		
R100-51A		104.885	104.680	104.330	103.650	104.282	103.741		-0.205	-0.350	-0.680	0.630	-0.541
R100-51G		101.550	101.645	101.485	99.960	101.096	99.814		0.095	-0.160	-1.525	1.135	-1.282
R100-52A	109.110		110.700	107.635	106.400	107.874	108.494			-3.065	-1.235	1.475	0.619
R100-52G	106.325		108.130	109.045	109.185	111.922	121.443			0.915	0.140	2.737	9.521
R100-53A		104.685	104.635	104.230		96.359			-0.050	-0.405			
R100-53G		104.955	104.995	104.870		100.751			0.040	-0.125			
R100-54A		104.165		103.470	103.840	103.825					0.370	-0.017	
R100-54G		104.800		109.360	107.540	107.312					-1.820	-0.231	
R100-55A		102.960	102.400						-0.560				
R100-55G		103.035	102.910						-0.125				
R100-56A		102.240	102.115	101.390	100.555	100.912	101.891		-0.125	-0.725	-0.835	0.355	0.980
R100-56G		102.765	102.380	102.325	101.575	101.479	102.289		-0.385	-0.055	-0.750	-0.097	0.810
R100-57A	103.685	102.850	103.150	103.560	102.990	103.098	103.354	-0.835	0.300	0.410	-0.570	0.106	0.256
R100-57G	103.100	103.395	103.020	101.835	101.230	101.908	101.972	0.295	-0.375	-1.185	-0.605	0.679	0.065
R100-58A		102.070	101.935	101.295					-0.135	-0.640			
R100-58G		102.415	102.150	101.965					-0.265	-0.185			
R100-59A				99.930	100.420	100.838					0.490	0.420	
R100-59G				102.380	103.465	102.899					1.085	-0.568	
R100-60A			96.285	101.995	101.395		102.222			5.710	-0.600		
R100-60G			97.200	103.245	102.060		102.178			6.045	-1.185		
R100-61A	110.765			109.375	106.900	106.246	107.590				-2.475	-0.656	1.344
R100-61G	107.730			107.630	104.360	104.116	104.741				-3.270	-0.243	0.624
R100-62A				104.065	106.840	105.537	106.652				2.775	-1.305	1.116
R100-62G				104.720	104.665	105.802	106.164				-0.055	1.136	0.362
R100-63A	104.605			103.780	100.550	101.930	104.878				-3.230	1.383	2.948
R100-63G	103.440			104.425	103.510	104.532	104.313				-0.915	1.020	-0.219

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	108.885			105.190	106.390	105.901	107.197				1.200	-0.491	1.296
R100-64G	108.240			106.420	104.450	103.914	105.583				-1.970	-0.537	1.670
R100-65A	104.785			99.930			97.749						
R100-65G	104.820			94.535			94.401						
R100-66A	102.565			104.705	101.515	97.859	97.478				-3.190	-3.653	-0.381
R100-66G	96.070			95.250	98.150	95.200	98.227				2.900	-2.952	3.027
R100-67A				102.575	102.210	101.022					-0.365	-1.185	
R100-67G				101.570	100.990	99.645					-0.580	-1.344	
R100-68A				96.940	99.410		106.652				2.470		
R100-68G				86.440	88.640		98.758				2.200		
R100-69A				108.425	106.900		109.073				-1.525		
R100-69G				104.250	109.820		111.833				5.570		
R100-70A				108.770	111.030		114.702				2.260		
R100-70G				111.690	112.700		109.544				1.010		
R100-71A	103.905		104.630	102.035		106.087	106.150			-2.595			0.063
R100-71G	104.395		104.895	104.010		105.686	105.079			-0.885			-0.607
R100-72A				103.155	106.810		94.058				3.655		
R100-72G				106.065	105.985		87.500				-0.080		
R100-73A			89.500	92.575			92.857			3.075			
R100-73G			89.120	92.910			92.869			3.790			
R100-74A			109.780	109.925	107.350		110.966			0.145	-2.575		
R100-74G			109.865	108.810	107.620		107.845			-1.055	-1.190		
R100-75A	106.940		111.545	110.165	110.590		112.806			-1.380	0.425		
R100-75G	108.490		111.690	111.025	106.740		108.378			-0.665	-4.285		
R100-76A	109.045		110.880	110.390	107.645	106.629	112.040			-0.490	-2.745	-1.018	5.411
R100-76G	110.715		107.810	104.990	110.505	109.382	104.289			-2.820	5.515	-1.122	-5.093
R100-77A	102.365		103.205	104.575	99.890	100.921	102.337			1.370	-4.685	1.032	1.417
R100-77G	99.685		104.580	100.820	103.115	101.416	101.764			-3.760	2.295	-1.700	0.347
R100-78A	111.770		107.530	107.980	111.210	107.750	106.896			0.450	3.230	-3.459	-0.854
R100-78G	117.410		107.115	107.145	113.780	111.319	110.950			0.030	6.635	-2.462	-0.369
R100-79A				109.700	108.730	142.935					-0.970	34.204	
R100-79G				109.690	107.735	135.375					-1.955	27.641	
R100-80A	108.975	108.905	108.845	107.840		107.309		-0.070	-0.060	-1.005			
R100-80G	112.925	111.610	112.005	112.705		109.863		-1.315	0.395	0.700			
Summary	**107.243**	**106.980**	**106.745**	**106.563**	**105.988**	**105.653**	**106.042**	**-0.263**	**-0.235**	**-0.183**	**-0.575**	**-0.340**	**0.389**
Significance								**0.146**	**0.028**	**0.718**	**0.674**	**0.048**	**0.010**

Table B.64 Rural 100 km/h site results for each site in each direction of travel - per cent at or below speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		86.797	87.500	89.036			92.782		0.703	1.536			
R100-01G		78.929	82.681	83.260			87.764		3.752	0.579			
R100-02A	72.905	80.315	76.944	76.980			75.234	7.410	-3.371	0.036			
R100-02G	71.473	73.068	70.926	74.495			67.079	1.595	-2.142	3.569			
R100-03A	85.289	92.979	94.144	93.746		81.086	60.786	7.690	1.165	-0.398			-20.300
R100-03G	75.449	86.930	89.498	87.475		86.878	70.295	11.481	2.568	-2.023			-16.583
R100-04A	56.485	47.963		76.532			59.529	-8.522					
R100-04G	65.801	67.543		79.244			72.661	1.742					
R100-05A			74.737	63.150			54.034			-11.587			
R100-05G			68.381	59.357			70.251			-9.024			
R100-06A	33.429	39.831		55.627	46.316	46.301	55.037	6.402			-9.311	-0.015	8.736
R100-06G	52.535	57.680		53.761	53.924	51.445	53.303	5.145			0.163	-2.479	1.858
R100-07A	53.547	53.307		48.421			56.000	-0.240					
R100-07G	42.959	44.177		42.609			47.837	1.218					
R100-08A	52.104	52.759	48.063	58.306		70.473	71.589	0.655	-4.696	10.243			1.116
R100-08G	66.430	73.906	68.114	71.983		76.364	66.896	7.476	-5.792	3.869			-9.468
R100-09A	54.857	58.586	68.323	66.379		71.348	81.651	3.729	9.737	-1.944			10.303
R100-09G	65.493	73.196	66.923	72.449		77.160	55.882	7.703	-6.273	5.526			-21.278
R100-10A	52.036	53.363	56.438	53.621		55.152	56.935	1.327	3.075	-2.817			1.783
R100-10G	58.842	56.729	58.644	57.135		59.618	61.809	-2.113	1.915	-1.509			2.191
R100-11A	43.980	47.975	50.839	47.368			55.812	3.995	2.864	-3.471			
R100-11G	49.893	54.486	49.368	49.904			50.959	4.593	-5.118	0.536			
R100-12A	43.351	43.439	52.528	53.262			68.056	0.088	9.089	0.734			
R100-12G	51.970	52.220	51.440	54.094			48.899	0.250	-0.780	2.654			
R100-13A	51.227		45.196	46.583		50.139	51.094			1.387			0.955
R100-13G	38.954		51.947	49.256		50.890	54.965			-2.691			4.075
R100-14A	36.277	39.202	43.780	42.882		55.435	49.927	2.925	4.578	-0.898			-5.508
R100-14G	46.657	42.943	46.322	49.417		47.269	46.998	-3.714	3.379	3.095			-0.271
R100-15A		49.626	36.731	49.653	52.281	53.117	57.546		-12.895	12.922	2.628	0.836	4.429
R100-15G		42.567	40.966	73.629	43.836	45.259	41.811		-1.601	32.663	-29.793	1.423	-3.448
R100-16A	52.610	57.816	61.508	57.025			65.733	5.206	3.692	-4.483			
R100-16G	61.111	57.985	70.301	68.983			73.471	-3.126	12.316	-1.318			
R100-17A	60.056	63.630	58.698	62.460				3.574	-4.932	3.762			
R100-17G	59.178	58.358	66.863	62.305				-0.820	8.505	-4.558			
R100-18A		64.446	64.716	55.485	55.287	46.914	54.960		0.270	-9.231	-0.198	-8.373	8.046
R100-18G		55.202	52.115	38.717	43.694	40.060	46.901		-3.087	-13.398	4.977	-3.634	6.841
R100-19A	65.109	64.212	64.736	67.623			62.598	-0.897	0.524	2.887			
R100-19G	61.284	64.539	65.725	68.931			68.769	3.255	1.186	3.206			
R100-20A	79.514	72.694	90.370	76.385	59.574	93.494	80.503	-6.820	17.676	-13.985	-16.811	33.920	-12.991
R100-20G	65.595	83.673	69.892	80.533	89.286	60.204	74.101	18.078	-13.781	10.641	8.753	-29.082	13.897
R100-21A	72.263	71.802	66.981	57.447	60.269		60.417	-0.461	-4.821	-9.534	2.822		
R100-21G	70.492	69.118	74.214	81.214	74.143		76.444	-1.374	5.096	7.000	-7.071		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	58.627	60.304	61.905	64.818		76.122	84.854	1.677	1.601	2.913			8.732
R100-22G	58.537	60.000	62.473	74.240		60.367	67.257	1.463	2.473	11.767			6.890
R100-23A	68.333	72.571	61.972	60.352			66.190	4.238	-10.599	-1.620			
R100-23G	55.828	55.215	70.335	72.350			63.768	-0.613	15.120	2.015			
R100-24A	79.459	83.893	77.439	73.600		66.667	63.953	4.434	-6.454	-3.839			-2.714
R100-24G	73.714	73.292	70.244	63.542		77.070	70.455	-0.422	-3.048	-6.702			-6.615
R100-25A	69.355	50.847	74.757	77.465	52.000	71.429	60.000	-18.508	23.910	2.708	-25.465	19.429	-11.429
R100-25G	68.493	50.526	54.545	68.269	35.632	71.667	57.843	-17.967	4.019	13.724	-32.637	36.035	-13.824
R100-26A	81.579	78.431	83.275	83.978		85.174		-3.148	4.844	0.703			
R100-26G	90.374	83.476	85.434	83.800		87.531		-6.898	1.958	-1.634			
R100-27A	69.959	65.193	54.286	67.582	69.643	71.503		-4.766	-10.907	13.296	2.061	1.860	
R100-27G	64.179	66.355	59.146	73.481	67.839	73.094		2.176	-7.209	14.335	-5.642	5.255	
R100-28A	80.660	84.568	83.333	70.621	76.410	84.236	67.956	3.908	-1.235	-12.712	5.789	7.826	-16.280
R100-28G	86.387	86.076	92.135	85.315	91.905	96.729	63.277	-0.311	6.059	-6.820	6.590	4.824	-33.452
R100-29A	81.343	85.294	75.238	72.903				3.951	-10.056	-2.335			
R100-29G	82.258	73.958	72.826	68.153				-8.300	-1.132	-4.673			
R100-30A	50.518	59.621	53.955	55.531	60.880	54.712	56.184	9.103	-5.666	1.576	5.349	-6.168	1.472
R100-30G	53.037	54.803	62.567	64.509	69.017	67.742	53.333	1.766	7.764	1.942	4.508	-1.275	-14.409
R100-31A	53.005	72.772	64.881	66.412	53.465	60.302		19.767	-7.891	1.531	-12.947	6.837	
R100-31G	61.224	57.692	61.006	62.054	48.846	57.823		-3.532	3.314	1.048	-13.208	8.977	
R100-32A	71.642		78.846	77.500	71.875	75.000	71.429			-1.346	-5.625	3.125	-3.571
R100-32G	70.000		88.889	83.544	90.566	92.308	89.474			-5.345	7.022	1.742	-2.834
R100-33A			85.385	85.774	87.624	81.915				0.389	1.850	-5.709	
R100-33G			72.340	80.804	69.730	79.459				8.464	-11.074	9.729	
R100-34A		82.576	74.427	80.323	73.846	84.496	80.749		-8.149	5.896	-6.477	10.650	-3.747
R100-34G		64.151	73.646	74.394	67.373	76.877	76.245		9.495	0.748	-7.021	9.504	-0.632
R100-35A	68.421	67.176	70.796	61.069	70.286	63.158	62.222	-1.245	3.620	-9.727	9.217	-7.128	-0.936
R100-35G	61.386	57.258	75.472	62.222	81.034	76.667	75.000	-4.128	18.214	-13.250	18.812	-4.367	-1.667
R100-36A	40.404	45.683	47.674	43.316	59.517	60.515		5.279	1.991	-4.358	16.201	0.998	
R100-36G	73.927	57.927	61.290	63.294	63.538	45.862		-16.000	3.363	2.004	0.244	-17.676	
R100-37A	52.747	56.554	72.800	52.232	50.000	44.571	54.067	3.807	16.246	-20.568	-2.232	-5.429	9.496
R100-37G	52.747	56.554	72.800	52.232	50.000	67.263	66.810	3.807	16.246	-20.568	-2.232	17.263	-0.453
R100-38A	76.719	65.275	59.879	53.228	50.087	54.857	54.305	-11.444	-5.396	-6.651	-3.141	4.770	-0.552
R100-38G	75.320	51.475	67.802	72.517	80.822	89.717	56.934	-23.845	16.327	4.715	8.305	8.895	-32.783
R100-39A	82.353	80.096	79.492	80.460	77.204	79.063	82.648	-2.257	-0.604	0.968	-3.256	1.859	3.585
R100-39G	76.666	76.296	70.832	74.238	79.055	80.893	89.004	-0.370	-5.464	3.406	4.817	1.838	8.111
R100-40A	46.789	68.548	72.581	68.919	70.297	52.747	65.517	21.759	4.033	-3.662	1.378	-17.550	12.770
R100-40G	70.370	77.778	62.393	51.020	64.286	57.471	34.524	7.408	-15.385	-11.373	13.266	-6.815	-22.947
R100-41A	81.954	79.517	83.563	90.456	89.422	85.140	82.596	-2.437	4.046	6.893	-1.034	-4.282	-2.544
R100-41G	91.416	93.676	91.585	87.871	84.924	88.082	87.016	2.260	-2.091	-3.714	-2.947	3.158	-1.066
R100-42A	30.792	44.404		64.702	43.652	41.063	21.548	13.612			-21.050	-2.589	-19.515
R100-42G	54.287	47.409		61.636	54.727	52.628	45.568	-6.878			-6.909	-2.099	-7.060

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	60.046	49.353		42.549	64.596	66.502		-10.693			22.047	1.906	
R100-43G	63.311	60.373		63.415	65.215	57.671		-2.938			1.800	-7.544	
R100-44A	50.893	59.889	59.035	62.583	68.140	66.346	65.165	8.996	-0.854	3.548	5.557	-1.794	-1.181
R100-44G	59.677	54.167	60.636	52.826	59.436	68.127	57.987	-5.510	6.469	-7.810	6.610	8.691	-10.140
R100-45A		85.982	86.064	61.528	87.394	90.174	92.412		0.082	-24.536	25.866	2.780	2.238
R100-45G		57.427	78.689	91.382	73.789	75.129	79.201		21.262	12.693	-17.593	1.340	4.072
R100-46A		55.103	64.886	51.751			47.918		9.783	-13.135			
R100-46G		49.217	62.126	61.388			61.287		12.909	-0.738			
R100-47A				37.380	41.596		52.298				4.216		
R100-47G				26.443	41.310		61.685				14.867		
R100-48A		80.222	82.964	80.122			79.616		2.742	-2.842			
R100-48G		73.668	77.287	69.763			68.786		3.619	-7.524			
R100-49A	58.651	56.003	62.106	61.182				-2.648	6.103	-0.924			
R100-49G	60.141	64.531	73.246	68.832				4.390	8.715	-4.414			
R100-50A	63.251	64.033	67.988	72.778	79.470		63.349	0.782	3.955	4.790	6.692		
R100-50G	70.965	70.647	74.099	71.589	75.318		64.201	-0.318	3.452	-2.510	3.729		
R100-51A		65.664	68.900	70.842	75.366	72.350	73.404		3.236	1.942	4.524	-3.016	1.054
R100-51G		81.237	80.991	81.507	85.167	82.397	85.843		-0.246	0.516	3.660	-2.770	3.446
R100-52A	51.709		46.997	60.236	65.484	59.820	70.748			13.239	5.248	-5.664	10.928
R100-52G	63.320		58.262	54.606	60.772	53.733	29.798			-3.656	6.166	-7.039	-23.935
R100-53A		59.114	58.976	62.847		92.070			-0.138	3.871			
R100-53G		49.204	48.664	49.804		83.192			-0.540	1.140			
R100-54A		59.905		68.032	63.245	63.209					-4.787	-0.036	
R100-54G		53.014		43.815	49.368	45.617					5.553	-3.751	
R100-55A		71.564	75.521						3.957				
R100-55G		70.772	71.813						1.041				
R100-56A		76.434	77.162	80.509	83.424	82.244	77.998		0.728	3.347	2.915	-1.180	-4.246
R100-56G		73.111	75.628	75.810	79.643	79.941	75.575		2.517	0.182	3.833	0.298	-4.366
R100-57A	69.123	74.582	72.014	69.040	72.998	72.012	70.113	5.459	-2.568	-2.974	3.958	-0.986	-1.899
R100-57G	72.950	70.930	73.348	79.391	81.709	79.225	78.812	-2.020	2.418	6.043	2.318	-2.484	-0.413
R100-58A		77.315	77.999	80.899					0.684	2.900			
R100-58G		75.502	76.904	77.830					1.402	0.926			
R100-59A				85.251	84.213	83.350					-1.038	-0.863	
R100-59G				79.395	74.937	76.738					-4.458	1.801	
R100-60A			93.275	79.771	81.755		79.077			-13.504	1.984		
R100-60G			92.253	74.120	79.723		79.251			-18.133	5.603		
R100-61A	52.941			44.635	56.336	60.966	55.096				11.701	4.630	-5.870
R100-61G	61.687			55.429	68.889	71.564	66.876				13.460	2.675	-4.688
R100-62A				72.977	45.573	52.178	47.119				-27.404	6.605	-5.059
R100-62G				64.925	60.645	51.933	50.640				-4.280	-8.712	-1.293
R100-63A	73.251			73.332	83.868	80.829	68.594				10.536	-3.039	-12.235
R100-63G	77.015			72.160	75.328	70.702	73.318				3.168	-4.626	2.616

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	56.771			68.588	63.184	62.992	60.095				-5.404	-0.192	-2.897
R100-64G	59.862			63.687	71.094	73.842	67.361				7.407	2.748	-6.481
R100-65A	68.260			85.279			91.631						
R100-65G	66.995			95.564			95.787						
R100-66A	83.186			76.446	82.609	88.827	92.073				6.163	6.218	3.246
R100-66G	91.111			87.879	89.157	89.706	87.349				1.278	0.549	-2.357
R100-67A				78.755	79.968	82.926					1.213	2.958	
R100-67G				81.709	82.802	85.989					1.093	3.187	
R100-68A				90.145	85.625		76.014				-4.520		
R100-68G				98.347	98.706		87.662				0.359		
R100-69A				50.288	60.761		51.958				10.473		
R100-69G				71.331	50.624		35.349				-20.707		
R100-70A				60.360	52.326		40.467				-8.034		
R100-70G				53.659	50.336		59.221				-3.323		
R100-71A	73.393		71.296	80.702		61.948	59.274			9.406			-2.674
R100-71G	70.477		66.452	74.392		59.220	61.946			7.940			2.726
R100-72A				80.729	71.233		96.117				-9.496		
R100-72G				70.313	72.038		96.667				1.725		
R100-73A			96.157	94.726			94.559			-1.431			
R100-73G			97.744	96.187			96.688			-1.557			
R100-74A			60.144	60.210	65.742		54.672			0.066	5.532		
R100-74G			64.473	66.561	67.263		64.311			2.088	0.702		
R100-75A	68.732		62.629	61.382	63.125		59.325			-1.247	1.743		
R100-75G	66.125		59.804	57.708	72.779		66.357			-2.096	15.071		
R100-76A	62.410		56.033	52.083	68.421	68.352	54.773			-3.950	16.338	-0.069	-13.579
R100-76G	57.801		60.549	70.599	54.584	56.180	70.704			10.050	-16.015	1.596	14.524
R100-77A	80.149		76.324	73.907	85.279	83.096	79.417			-2.417	11.372	-2.183	-3.679
R100-77G	85.936		74.028	83.810	77.281	82.118	81.862			9.782	-6.529	4.837	-0.256
R100-78A	58.418		67.380	69.786	57.624	60.943	65.038			2.406	-12.162	3.319	4.095
R100-78G	49.551		74.431	69.739	60.359	60.199	57.278			-4.692	-9.380	-0.160	-2.921
R100-79A				47.367	49.594	24.797					2.227	-24.797	
R100-79G				44.012	52.525	48.317					8.513	-4.208	
R100-80A	53.497	52.840	56.650	58.022		58.836		-0.657	3.810	1.372			
R100-80G	33.691	36.250	36.093	38.161		38.048		2.559	-0.157	2.068			
Summary	**63.281**	**64.281**	**66.218**	**66.503**	**68.328**	**68.752**	**67.272**	**1.000**	**1.937**	**0.286**	**1.825**	**0.424**	**-1.480**
Significance								**0.174**	**0.018**	**0.704**	**0.368**	**0.590**	**0.030**

Table B.65 Rural 100 km/h site results for each site in each direction of travel - per cent above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		13.203	12.500	10.964			7.218		-0.703	-1.536			
R100-01G		21.071	17.319	16.740			12.236		-3.752	-0.579			
R100-02A	27.095	19.685	23.056	23.020			24.766	-7.410	3.371	-0.036			
R100-02G	28.527	26.932	29.074	25.505			32.921	-1.595	2.142	-3.569			
R100-03A	14.711	7.021	5.856	6.254			39.214	-7.690	-1.165	0.398			20.300
R100-03G	24.551	13.070	10.502	12.525		18.914	29.705	-11.481	-2.568	2.023			16.583
R100-04A	43.515	52.037		23.468		13.122	40.471	8.522					
R100-04G	34.199	32.457		20.756			27.339	-1.742					
R100-05A			25.263	36.850			45.966			11.587			
R100-05G			31.619	40.643			29.749			9.024			
R100-06A	66.571	60.169		44.373	53.684	53.699	44.963	-6.402			9.311	0.015	-8.736
R100-06G	47.465	42.320		46.239	46.076	48.555	46.697	-5.145			-0.163	2.479	-1.858
R100-07A	46.453	46.693		51.579			44.000	0.240					
R100-07G	57.041	55.823		57.391			52.163	-1.218					
R100-08A	47.896	47.241	51.937	41.694		29.527	28.411	-0.655	4.696	-10.243			-1.116
R100-08G	33.570	26.094	31.886	28.017		23.636	33.104	-7.476	5.792	-3.869			9.468
R100-09A	45.143	41.414	31.677	33.621		28.652	18.349	-3.729	-9.737	1.944			-10.303
R100-09G	34.507	26.804	33.077	27.551		22.840	44.118	-7.703	6.273	-5.526			21.278
R100-10A	47.964	46.637	43.562	46.379		44.848	43.065	-1.327	-3.075	2.817			-1.783
R100-10G	41.158	43.271	41.356	42.865		40.382	38.191	2.113	-1.915	1.509			-2.191
R100-11A	56.020	52.025	49.161	52.632			44.188	-3.995	-2.864	3.471			
R100-11G	50.107	45.514	50.632	50.096			49.041	-4.593	5.118	-0.536			
R100-12A	56.649	56.561	47.472	46.738			31.944	-0.088	-9.089	-0.734			
R100-12G	48.030	47.780	48.560	45.906			51.101	-0.250	0.780	-2.654			
R100-13A	48.773		54.804	53.417		49.861	48.906			-1.387			-0.955
R100-13G	61.046		48.053	50.744		49.110	45.035			2.691			-4.075
R100-14A	63.723	60.798	56.220	57.118		44.565	50.073	-2.925	-4.578	0.898			5.508
R100-14G	53.343	57.057	53.678	50.583		52.731	53.002	3.714	-3.379	-3.095			0.271
R100-15A		50.374	63.269	50.347	47.719	46.883	42.454		12.895	-12.922	-2.628	-0.836	-4.429
R100-15G		57.433	59.034	26.371	56.164	54.741	58.189		1.601	-32.663	29.793	-1.423	3.448
R100-16A	47.390	42.184	38.492	42.975			34.267	-5.206	-3.692	4.483			
R100-16G	38.889	42.015	29.699	31.017			26.529	3.126	-12.316	1.318			
R100-17A	39.944	36.370	41.302	37.540				-3.574	4.932	-3.762			
R100-17G	40.822	41.642	33.137	37.695				0.820	-8.505	4.558			
R100-18A		35.554	35.284	44.515	44.713	53.086	45.040		-0.270	9.231	0.198	8.373	-8.046
R100-18G		44.798	47.885	61.283	56.306	59.940	53.099		3.087	13.398	-4.977	3.634	-6.841
R100-19A	34.891	35.788	35.264	32.377			37.402	0.897	-0.524	-2.887			
R100-19G	38.716	35.461	34.275	31.069			31.231	-3.255	-1.186	-3.206			
R100-20A	20.486	27.306	9.630	23.615	40.426	6.506	19.497	6.820	-17.676	13.985	16.811	-33.920	12.991
R100-20G	34.405	16.327	30.108	19.467	10.714	39.796	25.899	-18.078	13.781	-10.641	-8.753	29.082	-13.897
R100-21A	27.737	28.198	33.019	42.553	39.731		39.583	0.461	4.821	9.534	-2.822		
R100-21G	29.508	30.882	25.786	18.786	25.857		23.556	1.374	-5.096	-7.000	7.071		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	41.373	39.696	38.095	35.182		23.878	15.146	-1.677	-1.601	-2.913			-8.732
R100-22G	41.463	40.000	37.527	25.760		39.633	32.743	-1.463	-2.473	-11.767			-6.890
R100-23A	31.667	27.429	38.028	39.648			33.810	-4.238	10.599	1.620			
R100-23G	44.172	44.785	29.665	27.650			36.232	0.613	-15.120	-2.015			
R100-24A	20.541	16.107	22.561	26.400		33.333	36.047	-4.434	6.454	3.839			2.714
R100-24G	26.286	26.708	29.756	36.458		22.930	29.545	0.422	3.048	6.702			6.615
R100-25A	30.645	49.153	25.243	22.535	48.000	28.571	40.000	18.508	-23.910	-2.708	25.465	-19.429	11.429
R100-25G	31.507	49.474	45.455	31.731	64.368	28.333	42.157	17.967	-4.019	-13.724	32.637	-36.035	13.824
R100-26A	18.421	21.569	16.725	16.022		14.826		3.148	-4.844	-0.703			
R100-26G	9.626	16.524	14.566	16.200		12.469		6.898	-1.958	1.634			
R100-27A	30.041	34.807	45.714	32.418	30.357	28.497		4.766	10.907	-13.296	-2.061	-1.860	
R100-27G	35.821	33.645	40.854	26.519	32.161	26.906		-2.176	7.209	-14.335	5.642	-5.255	
R100-28A	19.340	15.432	16.667	29.379	23.590	15.764	32.044	-3.908	1.235	12.712	-5.789	-7.826	16.280
R100-28G	13.613	13.924	7.865	14.685	8.095	3.271	36.723	0.311	-6.059	6.820	-6.590	-4.824	33.452
R100-29A	18.657	14.706	24.762	27.097				-3.951	10.056	2.335			
R100-29G	17.742	26.042	27.174	31.847				8.300	1.132	4.673			
R100-30A	49.482	40.379	46.045	44.469	39.120	45.288	43.816	-9.103	5.666	-1.576	-5.349	6.168	-1.472
R100-30G	46.963	45.197	37.433	35.491	30.983	32.258	46.667	-1.766	-7.764	-1.942	-4.508	1.275	14.409
R100-31A	46.995	27.228	35.119	33.588	46.535	39.698		-19.767	7.891	-1.531	12.947	-6.837	
R100-31G	38.776	42.308	38.994	37.946	51.154	42.177		3.532	-3.314	-1.048	13.208	-8.977	
R100-32A	28.358		21.154	22.500	28.125	25.000	28.571			1.346	5.625	-3.125	3.571
R100-32G	30.000		11.111	16.456	9.434	7.692	10.526			5.345	-7.022	-1.742	2.834
R100-33A			14.615	14.226	12.376	18.085				-0.389	-1.850	5.709	
R100-33G			27.660	19.196	30.270	20.541				-8.464	11.074	-9.729	
R100-34A		17.424	25.573	19.677	26.154	15.504	19.251		8.149	-5.896	6.477	-10.650	3.747
R100-34G		35.849	26.354	25.606	32.627	23.123	23.755		-9.495	-0.748	7.021	-9.504	0.632
R100-35A	31.579	32.824	29.204	38.931	29.714	36.842	37.778	1.245	-3.620	9.727	-9.217	7.128	0.936
R100-35G	38.614	42.742	24.528	37.778	18.966	23.333	25.000	4.128	-18.214	13.250	-18.812	4.367	1.667
R100-36A	59.596	54.317	52.326	56.684	40.483	39.485		-5.279	-1.991	4.358	-16.201	-0.998	
R100-36G	26.073	42.073	38.710	36.706	36.462	54.138		16.000	-3.363	-2.004	-0.244	17.676	
R100-37A	47.253	43.446	27.200	47.768	50.000	55.429	45.933	-3.807	-16.246	20.568	2.232	5.429	-9.496
R100-37G	47.253	43.446	27.200	47.768	50.000	32.737	33.190	-3.807	-16.246	20.568	2.232	-17.263	0.453
R100-38A	23.281	34.725	40.121	46.772	49.913	45.143	45.695	11.444	5.396	6.651	3.141	-4.770	0.552
R100-38G	24.680	48.525	32.198	27.483	19.178	10.283	43.066	23.845	-16.327	-4.715	-8.305	-8.895	32.783
R100-39A	17.647	19.904	20.508	19.540	22.796	20.937	17.352	2.257	0.604	-0.968	3.256	-1.859	-3.585
R100-39G	23.334	23.704	29.168	25.762	20.945	19.107	10.996	0.370	5.464	-3.406	-4.817	-1.838	-8.111
R100-40A	53.211	31.452	27.419	31.081	29.703	47.253	34.483	-21.759	-4.033	3.662	-1.378	17.550	-12.770
R100-40G	29.630	22.222	37.607	48.980	35.714	42.529	65.476	-7.408	15.385	11.373	-13.266	6.815	22.947
R100-41A	18.046	20.483	16.437	9.544	10.578	14.860	17.404	2.437	-4.046	-6.893	1.034	4.282	2.544
R100-41G	8.584	6.324	8.415	12.129	15.076	11.918	12.984	-2.260	2.091	3.714	2.947	-3.158	1.066
R100-42A	69.208	55.596		35.298	56.348	58.937	78.452	-13.612			21.050	2.589	19.515
R100-42G	45.713	52.591		38.364	45.273	47.372	54.432	6.878			6.909	2.099	7.060

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	39.954	50.647		57.451	35.404	33.498		10.693			-22.047	-1.906	
R100-43G	36.689	39.627		36.585	34.785	42.329		2.938			-1.800	7.544	
R100-44A	49.107	40.111	40.965	37.417	31.860	33.654	34.835	-8.996	0.854	-3.548	-5.557	1.794	1.181
R100-44G	40.323	45.833	39.364	47.174	40.564	31.873	42.013	5.510	-6.469	7.810	-6.610	-8.691	10.140
R100-45A		14.018	13.936	38.472	12.606	9.826	7.588		-0.082	24.536	-25.866	-2.780	-2.238
R100-45G		42.573	21.311	8.618	26.211	24.871	20.799		-21.262	-12.693	17.593	-1.340	-4.072
R100-46A		44.897	35.114	48.249			52.082		-9.783	13.135			
R100-46G		50.783	37.874	38.612			38.713		-12.909	0.738			
R100-47A				62.620	58.404		47.702				-4.216		
R100-47G				73.557	58.690		38.315				-14.867		
R100-48A		19.778	17.036	19.878			20.384		-2.742	2.842			
R100-48G		26.332	22.713	30.237			31.214		-3.619	7.524			
R100-49A	41.349	43.997	37.894	38.818				2.648	-6.103	0.924			
R100-49G	39.859	35.469	26.754	31.168				-4.390	-8.715	4.414			
R100-50A	36.749	35.967	32.012	27.222	20.530		36.651	-0.782	-3.955	-4.790	-6.692		
R100-50G	29.035	29.353	25.901	28.411	24.682		35.799	0.318	-3.452	2.510	-3.729		
R100-51A		34.336	31.100	29.158	24.634	27.650	26.596		-3.236	-1.942	-4.524	3.016	-1.054
R100-51G		18.763	19.009	18.493	14.833	17.603	14.157		0.246	-0.516	-3.660	2.770	-3.446
R100-52A	48.291		53.003	39.764	34.516	40.180	29.252			-13.239	-5.248	5.664	-10.928
R100-52G	36.680		41.738	45.394	39.228	46.267	70.202			3.656	-6.166	7.039	23.935
R100-53A		40.886	41.024	37.153		7.930			0.138	-3.871			
R100-53G		50.796	51.336	50.196		16.808			0.540	-1.140			
R100-54A		40.095		31.968	36.755	36.791					4.787	0.036	
R100-54G		46.986		56.185	50.632	54.383					-5.553	3.751	
R100-55A		28.436	24.479						-3.957				
R100-55G		29.228	28.187						-1.041				
R100-56A		23.566	22.838	19.491	16.576	17.756	22.002		-0.728	-3.347	-2.915	1.180	4.246
R100-56G		26.889	24.372	24.190	20.357	20.059	24.425		-2.517	-0.182	-3.833	-0.298	4.366
R100-57A	30.877	25.418	27.986	30.960	27.002	27.988	29.887	-5.459	2.568	2.974	-3.958	0.986	1.899
R100-57G	27.050	29.070	26.652	20.609	18.291	20.775	21.188	2.020	-2.418	-6.043	-2.318	2.484	0.413
R100-58A		22.685	22.001	19.101					-0.684	-2.900			
R100-58G		24.498	23.096	22.170					-1.402	-0.926			
R100-59A				14.749	15.787	16.650					1.038	0.863	
R100-59G				20.605	25.063	23.262					4.458	-1.801	
R100-60A			6.725	20.229	18.245		20.923			13.504	-1.984		
R100-60G			7.747	25.880	20.277		20.749			18.133	-5.603		
R100-61A	47.059			55.365	43.664	39.034	44.904				-11.701	-4.630	5.870
R100-61G	38.313			44.571	31.111	28.436	33.124				-13.460	-2.675	4.688
R100-62A				27.023	54.427	47.822	52.881				27.404	-6.605	5.059
R100-62G				35.075	39.355	48.067	49.360				4.280	8.712	1.293
R100-63A	26.749			26.668	16.132	19.171	31.406				-10.536	3.039	12.235
R100-63G	22.985			27.840	24.672	29.298	26.682				-3.168	4.626	-2.616

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	43.229			31.412	36.816	37.008	39.905				5.404	0.192	2.897
R100-64G	40.138			36.313	28.906	26.158	32.639				-7.407	-2.748	6.481
R100-65A	31.740			14.721			8.369						
R100-65G	33.005			4.436			4.213						
R100-66A	16.814			23.554	17.391	11.173	7.927				-6.163	-6.218	-3.246
R100-66G	8.889			12.121	10.843	10.294	12.651				-1.278	-0.549	2.357
R100-67A				21.245	20.032	17.074					-1.213	-2.958	
R100-67G				18.291	17.198	14.011					-1.093	-3.187	
R100-68A				9.855	14.375		23.986				4.520		
R100-68G				1.653	1.294		12.338				-0.359		
R100-69A				49.712	39.239		48.042				-10.473		
R100-69G				28.669	49.376		64.651				20.707		
R100-70A				39.640	47.674		59.533				8.034		
R100-70G				46.341	49.664		40.779				3.323		
R100-71A	26.607		28.704	19.298		38.052	40.726			-9.406			2.674
R100-71G	29.523		33.548	25.608		40.780	38.054			-7.940			-2.726
R100-72A				19.271	28.767		3.883				9.496		
R100-72G				29.688	27.962		3.333				-1.726		
R100-73A			3.843	5.274			5.441			1.431			
R100-73G			2.256	3.813			3.312			1.557			
R100-74A			39.856	39.790	34.258		45.328			-0.066	-5.532		
R100-74G			35.527	33.439	32.737		35.689			-2.088	-0.702		
R100-75A	31.268		37.371	38.618	36.875		40.675			1.247	-1.743		
R100-75G	33.875		40.196	42.292	27.221		33.643			2.096	-15.071		
R100-76A	37.590		43.967	47.917	31.579	31.648	45.227			3.950	-16.338	0.069	13.579
R100-76G	42.199		39.451	29.401	45.416	43.820	29.296			-10.050	16.015	-1.596	-14.524
R100-77A	19.851		23.676	26.093	14.721	16.904	20.583			2.417	-11.372	2.183	3.679
R100-77G	14.064		25.972	16.190	22.719	17.882	18.138			-9.782	6.529	-4.837	0.256
R100-78A	41.582		32.620	30.214	42.376	39.057	34.962			-2.406	12.162	-3.319	-4.095
R100-78G	50.449		25.569	30.261	39.641	39.801	42.722			4.692	9.380	0.160	2.921
R100-79A				52.633	50.406	75.203					-2.227	24.797	
R100-79G				55.988	47.475	51.683					-8.513	4.208	
R100-80A	46.503	47.160	43.350	41.978		41.164		0.657	-3.810	-1.372			
R100-80G	66.309	63.750	63.907	61.839		61.952		-2.559	0.157	-2.068			
Summary	**36.719**	**35.719**	**33.783**	**33.497**	**31.672**	**31.249**	**32.729**	**-1.000**	**-1.937**	**-0.286**	**-1.825**	**-0.424**	**1.480**
Significance								**0.174**	**0.018**	**0.704**	**0.368**	**0.590**	**0.030**

Table B.66 Rural 100 km/h site results for each site in each direction of travel – per cent up to 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		11.072	10.495	9.247			6.198		-0.577	-1.248			
R100-01G		17.615	14.718	14.025			10.424		-2.897	-0.693			
R100-02A	21.334	15.819	18.317	19.065			20.916	-5.515	2.498	0.748			
R100-02G	22.833	21.798	23.457	20.690			27.582	-1.035	1.659	-2.767			
R100-03A	12.036	5.935	4.717	5.240		15.904	32.072	-6.101	-1.218	0.523			16.168
R100-03G	21.071	11.618	9.198	11.113		11.342	25.664	-9.453	-2.420	1.915			14.322
R100-04A	36.448	40.867		20.750			35.335	4.419					
R100-04G	29.117	27.023		17.987			23.713	-2.094					
R100-05A			19.338	29.472			36.373			10.134			
R100-05G			24.106	32.913			24.365			8.807			
R100-06A	51.775	47.256		35.146	43.708	43.501	36.874	-4.519			8.562	-0.207	-6.627
R100-06G	38.698	35.009		36.969	38.786	39.515	39.184	-3.689			1.817	0.729	-0.331
R100-07A	27.918	30.261		33.947			31.692	2.343					
R100-07G	28.162	34.011		34.783			31.807	5.849					
R100-08A	31.230	31.034	34.859	27.907		19.902	21.902	-0.196	3.825	-6.952			2.000
R100-08G	23.329	19.759	24.040	19.828		16.923	24.971	-3.570	4.281	-4.212			8.048
R100-09A	32.000	28.283	20.497	18.966		16.292	13.761	-3.717	-7.786	-1.531			-2.531
R100-09G	19.718	18.557	25.385	13.265		16.049	32.353	-1.161	6.828	-12.120			16.304
R100-10A	43.263	42.840	39.673	42.336		41.188	39.603	-0.423	-3.167	2.663			-1.585
R100-10G	38.584	40.271	38.360	40.015		37.983	35.829	1.687	-1.911	1.655			-2.154
R100-11A	40.426	39.608	35.930	38.504			33.685	-0.818	-3.678	2.574			
R100-11G	37.999	37.029	39.897	40.607			38.797	-0.970	2.868	0.710			
R100-12A	48.343	45.723	39.477	39.065			28.724	-2.620	-6.246	-0.412			
R100-12G	41.152	40.540	40.871	39.606			44.178	-0.612	0.331	-1.265			
R100-13A	34.173		39.215	39.875		37.950	36.175			0.660			-1.775
R100-13G	43.083		36.853	37.403		36.464	33.629			0.550			-2.835
R100-14A	40.016	39.729	36.378	38.588		31.377	36.297	-0.287	-3.351	2.210			4.920
R100-14G	34.694	37.860	35.123	34.146		35.536	37.508	3.166	-2.737	-0.977			1.972
R100-15A		44.663	56.294	44.444	43.393	42.373	38.682		11.631	-11.850	-1.051	-1.020	-3.691
R100-15G		50.593	50.691	22.525	48.484	47.907	52.039		0.098	-28.166	25.959	-0.577	4.132
R100-16A	34.186	32.869	30.754	31.818			29.038	-1.317	-2.115	1.064			
R100-16G	29.701	31.726	22.744	24.378			21.167	2.025	-8.982	1.634			
R100-17A	33.813	31.114	34.924	32.260				-2.699	3.810	-2.664			
R100-17G	35.178	35.712	28.992	32.528				0.534	-6.720	3.536			
R100-18A		26.094	24.957	30.501	32.689	36.343	30.898		-1.137	5.544	2.188	3.654	-5.445
R100-18G		34.097	32.961	40.774	38.546	41.717	36.102		-1.136	7.813	-2.228	3.171	-5.615
R100-19A	23.908	23.288	25.374	21.709			26.706	-0.620	2.086	-3.665			
R100-19G	27.626	25.709	25.549	22.174			25.356	-1.917	-0.160	-3.375			
R100-20A	15.625	20.295	7.407	15.160	23.641	5.301	13.836	4.670	-12.888	7.753	8.481	-18.340	8.535
R100-20G	24.116	11.905	20.072	12.267	8.036	23.129	17.266	-12.211	8.167	-7.805	-4.231	15.093	-5.863
R100-21A	18.248	16.188	19.811	21.884	20.875		19.271	-2.060	3.623	2.073	-1.009		
R100-21G	18.033	17.892	17.610	11.272	16.511		19.556	-0.141	-0.282	-6.338	5.239		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	23.922	25.813	25.170	18.929		18.367	11.861	1.891	-0.643	-6.241			-6.506
R100-22G	24.042	24.124	25.160	16.960		27.034	19.690	0.082	1.036	-8.200			-7.344
R100-23A	18.333	22.286	22.066	23.789			20.952	3.953	-0.220	1.723			
R100-23G	22.086	19.018	16.268	14.747			16.908	-3.068	-2.750	-1.521			
R100-24A	12.973	10.067	14.024	16.800		16.667	12.791	-2.906	3.957	2.776			-3.876
R100-24G	14.857	14.907	12.683	13.542		12.739	9.848	0.050	-2.224	0.859			-2.891
R100-25A	17.742	18.644	15.534	11.268	24.000	10.714	16.250	0.902	-3.110	-4.266	12.732	-13.286	5.536
R100-25G	21.918	22.105	23.140	15.385	27.586	13.333	18.627	0.187	1.035	-7.755	12.201	-14.253	5.294
R100-26A	11.111	9.477	8.014	9.392		6.625		-1.634	-1.463	1.378			
R100-26G	8.021	9.972	8.964	10.800		7.090		1.951	-1.008	1.836			
R100-27A	17.284	17.680	25.238	19.231	13.839	17.617		0.396	7.558	-6.007	-5.392	3.778	
R100-27G	22.388	19.159	25.000	15.470	15.578	17.937		-3.229	5.841	-9.530	0.108	2.359	
R100-28A	13.208	11.111	11.290	20.339	17.949	10.837	22.652	-2.097	0.179	9.049	-2.390	-7.112	11.815
R100-28G	10.995	10.127	5.056	10.490	5.714	3.271	23.164	-0.868	-5.071	5.434	-4.776	-2.443	19.893
R100-29A	8.209	11.765	15.238	18.065				3.556	3.473	2.827			
R100-29G	11.290	13.542	13.043	17.197				2.252	-0.499	4.154			
R100-30A	29.016	21.138	24.859	26.681	21.759	26.963	21.908	-7.878	3.721	1.822	-4.922	5.204	-5.055
R100-30G	24.766	27.948	22.995	22.338	20.085	21.659	28.254	3.182	-4.953	-0.657	-2.253	1.574	6.595
R100-31A	24.044	13.861	20.833	19.084	20.792	21.106		-10.183	6.972	-1.749	1.708	0.314	
R100-31G	18.878	21.795	18.239	21.429	26.154	26.531		2.917	-3.556	3.190	4.725	0.377	
R100-32A	14.925		11.538	10.000	20.313	18.750	11.429			-1.538	10.313	-1.563	-7.321
R100-32G	12.500		11.111	10.127	9.434	3.077	7.895			-0.984	-0.693	-6.357	4.818
R100-33A			7.692	10.042	7.426	11.702				2.350	-2.616	4.276	
R100-33G			16.312	12.946	17.838	15.676				-3.366	4.892	-2.162	
R100-34A		12.879	15.649	13.548	15.897	8.527	13.369		2.770	-2.101	2.349	-7.370	4.842
R100-34G		23.349	15.162	14.825	19.492	15.315	15.326		-8.187	-0.337	4.667	-4.177	0.011
R100-35A	20.000	22.137	13.274	18.321	17.714	22.556	23.333	2.137	-8.863	5.047	-0.607	4.842	0.777
R100-35G	16.832	16.129	12.264	20.741	10.345	17.500	17.391	-0.703	-3.865	8.477	-10.396	7.155	-0.109
R100-36A	18.855	20.504	18.992	21.390	21.450	23.605		1.649	-1.512	2.398	0.060	2.155	
R100-36G	18.812	22.561	20.968	20.471	18.773	21.724		3.749	-1.593	-0.497	-1.698	2.951	
R100-37A	22.802	23.221	16.000	26.339	27.128	31.429	24.880	0.419	-7.221	10.339	0.789	4.301	-6.549
R100-37G	22.802	23.221	16.000	26.339	27.128	21.739	17.672	0.419	-7.221	10.339	0.789	-5.389	-4.067
R100-38A	15.781	20.534	25.605	25.984	27.749	27.619	32.892	4.753	5.071	0.379	1.765	-0.130	5.273
R100-38G	17.775	32.131	26.471	17.279	13.425	6.941	28.102	14.356	-5.660	-9.192	-3.854	-6.484	21.161
R100-39A	14.624	15.580	16.548	15.504	18.865	16.698	14.475	0.956	0.968	-1.044	3.361	-2.167	-2.223
R100-39G	18.347	18.564	22.081	19.669	16.598	15.598	9.387	0.217	3.517	-2.412	-3.071	-1.000	-6.211
R100-40A	28.440	27.419	15.323	14.865	16.832	24.176	29.310	-1.021	-12.096	-0.458	1.967	7.344	5.134
R100-40G	20.370	13.492	23.077	26.531	21.429	31.034	34.524	-6.878	9.585	3.454	-5.102	9.605	3.490
R100-41A	12.767	14.174	11.473	7.383	8.219	10.920	13.053	1.407	-2.701	-4.090	0.836	2.701	2.133
R100-41G	6.484	4.858	6.368	9.161	10.665	9.714	10.187	-1.626	1.510	2.793	1.504	-0.951	0.473
R100-42A	56.867	45.564		29.349	48.195	49.287	58.120	-11.303			18.846	1.092	8.833
R100-42G	39.373	45.211		32.801	39.727	41.444	48.090	5.838			6.926	1.717	6.646

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	35.362	44.286		49.519	32.222	30.930		8.924			-17.297	-1.292	
R100-43G	33.517	36.095		32.333	31.958	39.259		2.578			-0.375	7.301	
R100-44A	43.872	36.118	36.026	34.056	29.442	31.719	32.236	-7.754	-0.092	-1.970	-4.614	2.277	0.517
R100-44G	36.267	40.577	34.944	41.935	36.805	29.968	38.225	4.310	-5.633	6.991	-5.130	-6.837	8.257
R100-45A		12.900	12.844	33.020	11.816	9.269	7.093		-0.056	20.176	-21.204	-2.547	-2.176
R100-45G		36.134	19.345	7.838	24.097	22.999	19.320		-16.789	-11.507	16.259	-1.098	-3.679
R100-46A		37.797	30.588	39.422			44.643		-7.209	8.834			
R100-46G		42.631	33.378	33.723			35.163		-9.253	0.345			
R100-47A				51.386	49.072		41.074				-2.314		
R100-47G				54.968	49.754		33.893				-5.214		
R100-48A		15.455	13.634	15.987			16.574		-1.821	2.353			
R100-48G		19.221	17.206	23.473			24.096		-2.015	6.267			
R100-49A	34.523	36.809	32.371	32.882				2.286	-4.438	0.511			
R100-49G	34.283	30.567	23.571	27.300				-3.716	-6.996	3.729			
R100-50A	32.431	31.766	28.635	23.861	18.131		30.148	-0.665	-3.131	-4.774	-5.730		
R100-50G	20.625	22.048	22.498	24.397	18.224		29.083	1.423	0.450	1.899	-6.173		
R100-51A		27.953	24.049	22.758	19.014	22.073	21.183		-3.904	-1.291	-3.744	3.059	-0.890
R100-51G		15.840	16.406	15.836	12.430	15.036	11.876		0.566	-0.570	-3.406	2.606	-3.160
R100-52A	35.863		36.880	29.916	26.083	29.520	16.834			-6.964	-3.833	3.437	-12.686
R100-52G	28.794		30.698	32.681	25.882	28.756	32.503			1.983	-6.799	2.874	3.747
R100-53A		34.537	35.281	32.270		6.528			0.744	-3.011			
R100-53G		44.700	44.968	44.065		14.309			0.268	-0.903			
R100-54A		35.687		28.844	33.159	32.771					4.315	-0.388	
R100-54G		41.076		42.448	39.763	44.433					-2.685	4.670	
R100-55A		26.685	23.094						-3.591				
R100-55G		27.359	26.367						-0.992				
R100-56A		22.262	21.602	18.451	15.908	17.070	21.090		-0.660	-3.151	-2.543	1.162	4.020
R100-56G		25.158	22.675	22.668	19.262	19.182	23.261		-2.483	-0.007	-3.406	-0.080	4.079
R100-57A	27.914	23.052	25.656	28.435	24.862	25.967	27.501	-4.862	2.604	2.779	-3.573	1.105	1.534
R100-57G	24.879	26.586	24.596	19.093	16.649	18.829	19.133	1.707	-1.990	-5.503	-2.444	2.180	0.304
R100-58A		21.454	20.722	17.950					-0.732	-2.772			
R100-58G		22.636	21.433	20.649					-1.203	-0.784			
R100-59A				12.150	13.528	13.954					1.378	0.426	
R100-59G				17.370	21.363	20.067					3.993	-1.296	
R100-60A			6.036	17.978	15.758		18.391			11.942	-2.220		
R100-60G			6.848	22.403	17.553		18.208			15.555	-4.850		
R100-61A	30.972			42.291	34.931	31.881	35.146				-7.360	-3.050	3.265
R100-61G	27.749			35.339	25.507	22.393	27.421				-9.832	-3.114	5.028
R100-62A				21.205	47.619	41.818	45.902				26.414	-5.801	4.084
R100-62G				28.950	34.647	41.432	42.917				5.697	6.785	1.485
R100-63A	20.459			21.089	13.516	15.096	24.288				-7.573	1.580	9.192
R100-63G	17.038			21.270	19.555	22.101	19.910				-1.715	2.546	-2.191

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	31.250			23.726	28.138	29.530	29.953				4.412	1.392	0.423
R100-64G	29.585			27.773	23.225	20.741	25.000				-4.548	-2.484	4.259
R100-65A	25.660			13.052			7.551						
R100-65G	27.031			3.829			3.930						
R100-66A	13.274			13.223	11.067	9.497	7.927				-2.156	-1.570	-1.570
R100-66G	6.667			5.195	8.032	7.843	11.446				2.837	-0.189	3.603
R100-67A				17.316	16.698	14.043					-0.618	-2.655	
R100-67G				14.668	14.750	11.928					0.082	-2.822	
R100-68A				5.507	10.625		14.189				5.118		
R100-68G				1.653	1.294		10.065				-0.359		
R100-69A				38.977	30.798		35.243				-8.179		
R100-69G				22.928	34.771		46.124				11.843		
R100-70A				27.387	31.063		35.019				3.676		
R100-70G				28.659	29.866		26.844				1.207		
R100-71A	21.382		21.895	15.409		30.357	33.831			-6.486			3.474
R100-71G	24.114		26.952	18.677		33.703	31.524			-8.275			-2.179
R100-72A				13.542	18.721		1.942				5.179		
R100-72G				20.833	19.431		1.111				-1.402		
R100-73A			3.130	4.351			4.587			1.221			
R100-73G			1.913	3.170			2.968			1.257			
R100-74A			25.271	24.934	23.806		28.944			-0.337	-1.128		
R100-74G			20.736	20.032	20.844		23.990			-0.704	0.812		
R100-75A	20.059		20.619	23.374	21.250		22.222			2.755	-2.124		
R100-75G	21.409		22.794	25.625	16.332		21.578			2.831	-9.293		
R100-76A	24.337		27.710	32.386	20.269	21.538	27.001			4.676	-12.117	1.269	5.463
R100-76G	26.178		29.139	22.051	29.821	30.133	23.499			-7.088	7.770	0.312	-6.634
R100-77A	16.340		19.336	19.817	10.523	14.123	18.058			0.481	-9.294	3.600	3.935
R100-77G	10.046		19.233	11.384	18.489	14.412	13.034			-7.849	7.105	-4.077	-1.378
R100-78A	24.138		22.638	18.519	25.532	29.966	25.564			-4.119	7.013	4.434	-4.402
R100-78G	23.519		14.711	19.130	18.597	23.051	26.465			4.419	-0.533	4.454	3.414
R100-79A				38.339	38.119	8.044					-0.220	-30.075	
R100-79G				41.735	36.522	17.909					-5.213	-18.613	
R100-80A	33.988	34.888	30.863	31.725		31.746		0.900	-4.025	0.862			
R100-80G	45.101	45.833	45.585	42.065		47.368		0.732	-0.248	-3.520			
Summary	**24.043**	**23.875**	**22.738**	**23.100**	**22.445**	**22.790**	**23.921**	**-0.169**	**-1.137**	**0.362**	**-0.656**	**0.346**	**1.131**
Significance								**0.562**	**0.008**	**0.880**	**0.490**	**0.624**	**0.074**

Table B.67 Rural 100 km/h site results for each site in each direction of travel - per cent more than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		2.132	2.005	1.717			1.020		-0.127	-0.288			
R100-01G		3.457	2.601	2.715			1.812		-0.856	0.114			
R100-02A	5.761	3.866	4.739	3.955			3.849	-1.895	0.873	-0.784			
R100-02G	5.694	5.135	5.617	4.816			5.339	-0.559	0.482	-0.801			
R100-03A	2.675	1.085	1.139	1.015		3.010	7.142	-1.590	0.054	-0.124			4.132
R100-03G	3.480	1.452	1.304	1.412		1.780	4.041	-2.028	-0.148	0.108			2.261
R100-04A	7.067	11.170		2.719			5.136	4.103					
R100-04G	5.082	5.434		2.769			3.626	0.352					
R100-05A			5.924	7.378			9.593			1.454			
R100-05G			7.513	7.730			5.384			0.217			
R100-06A	14.795	12.912		9.226	9.976	10.198	8.090	-1.883			0.750	0.222	-2.108
R100-06G	8.767	7.312		9.270	7.290	9.040	7.513	-1.455			-1.980	1.750	-1.527
R100-07A	18.535	16.433		17.632			12.308	-2.102					
R100-07G	28.878	21.811		22.609			20.356	-7.067					
R100-08A	16.667	16.207	17.077	13.787		9.625	6.508	-0.460	0.870	-3.290			-3.117
R100-08G	10.242	6.335	7.846	8.190		6.713	8.133	-3.907	1.511	0.344			1.420
R100-09A	13.143	13.131	11.180	14.655		12.360	4.587	-0.012	-1.951	3.475			-7.773
R100-09G	14.789	8.247	7.692	14.286		6.790	11.765	-6.542	-0.555	6.594			4.975
R100-10A	4.701	3.797	3.889	4.043		3.661	3.462	-0.904	0.092	0.154			-0.199
R100-10G	2.574	3.001	2.996	2.850		2.399	2.362	0.427	-0.005	-0.146			-0.037
R100-11A	15.593	12.417	13.230	14.127			10.503	-3.176	0.813	0.897			
R100-11G	12.108	8.485	10.735	9.489			10.244	-3.623	2.250	-1.246			
R100-12A	8.305	10.838	7.995	7.673			3.221	2.533	-2.843	-0.322			
R100-12G	6.878	7.240	7.689	6.300			6.923	0.362	0.449	-1.389			
R100-13A	14.599		15.589	13.542		11.911	12.730			-2.047			0.819
R100-13G	17.963		11.200	13.341		12.646	11.407			2.141			-1.239
R100-14A	23.707	21.068	19.843	18.529		13.188	13.776	-2.639	-1.225	-1.314			0.588
R100-14G	18.649	19.197	18.555	16.437		17.195	15.494	0.548	-0.642	-2.118			-1.701
R100-15A		5.711	6.975	5.902	4.325	4.510	3.773		1.264	-1.073	-1.577	0.185	-0.737
R100-15G		6.840	8.343	3.846	7.680	6.834	6.151		1.503	-4.497	3.834	-0.846	-0.683
R100-16A	13.204	9.315	7.738	11.157			5.229	-3.889	-1.577	3.419			
R100-16G	9.188	10.289	6.955	6.639			5.362	1.101	-3.334	-0.316			
R100-17A	6.131	5.256	6.378	5.280				-0.875	1.122	-1.098			
R100-17G	5.645	5.930	4.145	5.167				0.285	-1.785	1.022			
R100-18A		9.461	10.327	14.014	12.024	16.744	14.142		0.866	3.687	-1.990	4.720	-2.602
R100-18G		10.702	14.924	20.508	17.761	18.223	16.997		4.222	5.584	-2.747	0.462	-1.226
R100-19A	10.983	12.500	9.889	10.667			10.696	1.517	-2.611	0.778			
R100-19G	11.089	9.752	8.726	8.894			5.875	-1.337	-1.026	0.168			
R100-20A	4.861	7.011	2.222	8.455	16.785	1.205	5.660	2.150	-4.789	6.233	8.330	-15.580	4.455
R100-20G	10.289	4.422	10.036	7.200	2.679	16.667	8.633	-5.867	5.614	-2.836	-4.521	13.988	-8.034
R100-21A	9.489	12.010	13.208	20.669	18.855		20.313	2.521	1.198	7.461	-1.814		
R100-21G	11.475	12.990	8.176	7.514	9.346		4.000	1.515	-4.814	-0.662	1.832		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	17.451	13.883	12.925	16.252		5.510	3.285	-3.568	-0.958	3.327			-2.225
R100-22G	17.422	15.876	12.367	8.800		12.598	13.053	-1.546	-3.509	-3.567			0.455
R100-23A	13.333	5.143	15.962	15.859			12.857	-8.190	10.819	-0.103			
R100-23G	22.086	25.767	13.397	12.903			19.324	3.681	-12.370	-0.494			
R100-24A	7.568	6.040	8.537	9.600		16.667	23.256	-1.528	2.497	1.063			6.589
R100-24G	11.429	11.801	17.073	22.917		10.191	19.697	0.372	5.272	5.844			9.506
R100-25A	12.903	30.508	9.709	11.268	24.000	17.857	23.750	17.605	-20.799	1.559	12.732	-6.143	5.893
R100-25G	9.589	27.368	22.314	16.346	36.782	15.000	23.529	17.779	-5.054	-5.968	20.436	-21.782	8.529
R100-26A	7.310	12.092	8.711	6.630		8.202		4.782	-3.381	-2.081			
R100-26G	1.604	6.553	5.602	5.400		5.379		4.949	-0.951	-0.202			
R100-27A	12.757	17.127	20.476	13.187	16.518	10.881		4.370	3.349	-7.289	3.331	-5.637	
R100-27G	13.433	14.486	15.854	11.050	16.583	8.969		1.053	1.368	-4.804	5.533	-7.614	
R100-28A	6.132	4.321	5.376	9.040	5.641	4.926	9.392	-1.811	1.055	3.664	-3.399	-0.715	4.466
R100-28G	2.618	3.797	2.809	4.196	2.381	0.000	13.559	1.179	-0.988	1.387	-1.815	-2.381	13.559
R100-29A	10.448	2.941	9.524	9.032				-7.507	6.583	-0.492			
R100-29G	6.452	12.500	14.130	14.650				6.048	1.630	0.520			
R100-30A	20.466	19.241	21.186	17.787	17.361	18.325	21.908	-1.225	1.945	-3.399	-0.426	0.964	3.583
R100-30G	22.196	17.249	14.439	13.152	10.897	10.599	18.413	-4.947	-2.810	-1.287	-2.255	-0.298	7.814
R100-31A	22.951	13.366	14.286	14.504	25.743	18.593		-9.585	0.920	0.218	11.239	-7.150	
R100-31G	19.898	20.513	20.755	16.518	25.000	15.646		0.615	0.242	-4.237	8.482	-9.354	
R100-32A	13.433		9.615	12.500	7.813	6.250	17.143			2.885	-4.687	-1.563	10.893
R100-32G	17.500		0.000	6.329	0.000	4.615	2.632			6.329	-6.329	4.615	-1.983
R100-33A			6.923	4.184	4.950	6.383				-2.739	0.766	1.433	
R100-33G			11.348	6.250	12.432	4.865				-5.098	6.182	-7.567	
R100-34A		4.545	9.924	6.129	10.256	6.977	5.882		5.379	-3.795	4.127	-3.279	-1.095
R100-34G		12.500	11.191	10.782	13.136	7.808	8.429		-1.309	-0.409	2.354	-5.328	0.621
R100-35A	11.579	10.687	15.929	20.611	12.000	14.286	14.444	-0.892	5.242	4.682	-8.611	2.286	0.158
R100-35G	21.782	26.613	12.264	17.037	8.621	5.833	7.609	4.831	-14.349	4.773	-8.416	-2.788	1.776
R100-36A	40.741	33.813	33.333	35.294	19.033	15.880		-6.928	-0.480	1.961	-16.261	-3.153	
R100-36G	7.261	19.512	17.742	16.235	17.690	32.414		12.251	-1.770	-1.507	1.455	14.724	
R100-37A	24.451	20.225	11.200	21.429	22.872	24.000	21.053	-4.226	-9.025	10.229	1.443	1.128	-2.947
R100-37G	24.451	20.225	11.200	21.429	22.872	10.997	15.517	-4.226	-9.025	10.229	1.443	-11.875	4.520
R100-38A	7.500	14.190	14.516	20.787	22.164	17.524	12.804	6.690	0.326	6.271	1.377	-4.640	-4.720
R100-38G	6.905	16.393	5.728	10.204	5.753	3.342	14.964	9.488	-10.665	4.476	-4.451	-2.411	11.622
R100-39A	3.023	4.324	3.960	4.036	3.930	4.239	2.877	1.301	-0.364	0.076	-0.106	0.309	-1.362
R100-39G	4.988	5.140	7.087	6.093	4.346	3.509	1.609	0.152	1.947	-0.994	-1.747	-0.837	-1.900
R100-40A	24.771	4.032	12.097	16.216	12.871	23.077	5.172	-20.739	8.065	4.119	-3.345	10.206	-17.905
R100-40G	9.259	8.730	14.530	22.449	14.286	11.494	30.952	-0.529	5.800	7.919	-8.163	-2.792	19.458
R100-41A	5.278	6.308	4.964	2.161	2.359	3.941	4.351	1.030	-1.344	-2.803	0.198	1.582	0.410
R100-41G	2.100	1.467	2.047	2.968	4.411	2.204	2.798	-0.633	0.580	0.921	1.443	-2.207	0.594
R100-42A	12.340	10.032		5.949	8.153	9.650	20.332	-2.308			2.204	1.497	10.682
R100-42G	6.340	7.380		5.563	5.546	5.927	6.342	1.040			-0.017	0.381	0.415

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	4.592	6.361		7.932	3.182	2.568		1.769			-4.750	-0.614	
R100-43G	3.172	3.532		4.252	2.827	3.071		0.360			-1.425	0.244	
R100-44A	5.235	3.993	4.939	3.362	2.418	1.934	2.599	-1.242	0.946	-1.577	-0.944	-0.484	0.665
R100-44G	4.055	5.255	4.421	5.240	3.760	1.905	3.788	1.200	-0.834	0.819	-1.480	-1.855	1.883
R100-45A		1.118	1.093	5.452	0.790	0.556	0.495		-0.025	4.359	-4.662	-0.234	-0.061
R100-45G		6.439	1.966	0.780	2.114	1.872	1.479		-4.473	-1.186	1.334	-0.242	-0.393
R100-46A		7.100	4.525	8.827			7.439		-2.575	4.302			
R100-46G		8.152	4.496	4.889			3.550		-3.656	0.393			
R100-47A				11.234	9.332		6.628				-1.902		
R100-47G				18.589	8.936		4.423				-9.653		
R100-48A		4.323	3.402	3.891			3.809		-0.921	0.489			
R100-48G		7.111	5.507	6.764			7.118		-1.604	1.257			
R100-49A	6.826	7.188	5.523	5.936				0.362	-1.665	0.413			
R100-49G	5.576	4.901	3.183	3.868				-0.675	-1.718	0.685			
R100-50A	4.319	4.201	3.378	3.361	2.399		6.503	-0.118	-0.823	-0.017	-0.962		
R100-50G	8.410	7.305	3.403	4.014	6.458		6.716	-1.105	-3.902	0.611	2.444		
R100-51A		6.383	7.050	6.400	5.620	5.577	5.412		0.667	-0.650	-0.780	-0.043	-0.165
R100-51G		2.923	2.604	2.658	2.403	2.567	2.281		-0.319	0.054	-0.255	0.164	-0.286
R100-52A	12.428		16.123	9.847	8.434	10.660	12.418			-6.276	-1.413	2.226	1.758
R100-52G	7.886		11.039	12.713	13.346	17.511	37.699			1.674	0.633	4.165	20.188
R100-53A		6.349	5.743	4.883		1.402			-0.606	-0.860			
R100-53G		6.096	6.367	6.132		2.499			0.271	-0.235			
R100-54A		4.408		3.124	3.596	4.020					0.472	0.424	
R100-54G		5.910		13.737	10.869	9.950					-2.868	-0.919	
R100-55A		1.751	1.386						-0.365				
R100-55G		1.869	1.819						-0.050				
R100-56A		1.304	1.236	1.040	0.668	0.686	0.912		-0.068	-0.196	-0.372	0.018	0.226
R100-56G		1.732	1.697	1.521	1.095	0.876	1.164		-0.035	-0.176	-0.426	-0.219	0.288
R100-57A	2.962	2.366	2.329	2.524	2.140	2.021	2.386	-0.596	-0.037	0.195	-0.384	-0.119	0.365
R100-57G	2.171	2.484	2.056	1.516	1.642	1.947	2.056	0.313	-0.428	-0.540	0.126	0.305	0.109
R100-58A		1.231	1.279	1.150					0.048	-0.129			
R100-58G		1.863	1.663	1.521					-0.200	-0.142			
R100-59A				2.598	2.258	2.696					-0.340	0.438	
R100-59G				3.235	3.700	3.195					0.465	-0.505	
R100-60A			0.689	2.251	2.487		2.532			1.562	0.236		
R100-60G			0.899	3.477	2.724		2.541			2.578	-0.753		
R100-61A	16.086			13.074	8.733	7.153	9.758				-4.341	-1.580	2.605
R100-61G	10.564			9.232	5.604	6.043	5.704				-3.628	0.439	-0.339
R100-62A				5.818	6.808	6.004	6.979				0.990	-0.804	0.975
R100-62G				6.125	4.708	6.635	6.443				-1.417	1.927	-0.192
R100-63A	6.290			5.579	2.615	4.074	7.117				-2.964	1.459	3.043
R100-63G	5.946			6.570	5.117	7.197	6.772				-1.453	2.080	-0.425

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	11.979			7.686	8.677	7.479	9.953				0.991	-1.198	2.474
R100-64G	10.554			8.540	5.681	5.417	7.639				-2.859	-0.264	2.222
R100-65A	6.079			1.669			0.817						
R100-65G	5.974			0.607			0.283						
R100-66A	3.540			10.331	6.324	1.676	0.000				-4.007	-4.648	-1.676
R100-66G	2.222			6.926	2.811	2.451	1.205				-4.115	-0.360	-1.246
R100-67A				3.929	3.333	3.031					-0.596	-0.302	
R100-67G				3.623	2.448	2.083					-1.175	-0.365	
R100-68A				4.348	3.750		9.797				-0.598		
R100-68G				0.000	0.000		2.273				0.000		
R100-69A				10.735	8.442		12.800				-2.293		
R100-69G				5.741	14.605		18.527				8.864		
R100-70A				12.252	16.611		24.514				4.359		
R100-70G				17.683	19.799		13.934				2.116		
R100-71A	5.225		6.808	3.889		7.695	6.895			-2.919			-0.800
R100-71G	5.409		6.596	6.931		7.077	6.530			0.335			-0.547
R100-72A				5.729	10.046		1.942				4.317		
R100-72G				8.854	8.531		2.222				-0.323		
R100-73A			0.713	0.923			0.855			0.210			
R100-73G			0.343	0.643			0.344			0.300			
R100-74A			14.585	14.856	10.452		16.383			0.271	-4.404		
R100-74G			14.791	13.408	11.893		11.698			-1.383	-1.515		
R100-75A	11.209		16.753	15.244	15.625		18.452			-1.509	0.381		
R100-75G	12.466		17.402	16.667	10.888		12.065			-0.735	-5.779		
R100-76A	13.253		16.258	15.530	11.310	10.110	18.226			-0.728	-4.220	-1.200	8.116
R100-76G	16.021		10.312	7.350	15.595	13.687	5.797			-2.962	8.245	-1.908	-7.890
R100-77A	3.511		4.340	6.276	4.198	2.782	2.524			1.936	-2.078	-1.416	-0.258
R100-77G	4.018		6.739	4.805	4.230	3.471	5.103			-1.934	-0.575	-0.759	1.632
R100-78A	17.444		9.982	11.696	16.844	9.091	9.398			1.714	5.148	-7.753	0.307
R100-78G	26.930		10.858	11.130	21.044	16.750	16.257			0.272	9.914	-4.294	-0.493
R100-79A				14.294	12.287	67.159					-2.007	54.872	
R100-79G				14.253	10.953	33.774					-3.300	22.821	
R100-80A	12.515	12.272	12.487	10.253		9.418		-0.243	0.215	-2.234			
R100-80G	21.208	17.917	18.322	19.773		14.583		-3.291	0.405	1.451			
Summary	**9.916**	**9.421**	**9.284**	**9.376**	**8.790**	**8.459**	**8.757**	**-0.495**	**-0.138**	**0.092**	**-0.586**	**-0.331**	**0.298**
Significance								**0.238**	**0.190**	**0.424**	**0.118**	**0.060**	**0.062**

Table B.68 Rural 100 km/h site results for each site in each direction of travel – per cent more than 0 km/h and less than 5 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		7.868	7.889	7.049			4.570		0.021	-0.840			
R100-01G		12.360	10.490	9.983			7.608		-1.870	-0.507			
R100-02A	15.413	11.730	13.235	14.009			15.397	-3.683	1.505	0.774			
R100-02G	16.452	15.570	16.743	14.537			19.286	-0.882	1.173	-2.206			
R100-03A	8.422	4.070	3.471	3.726		11.510	21.674	-4.352	-0.599	0.255			10.164
R100-03G	14.272	8.899	6.948	8.776		8.778	18.792	-5.373	-1.951	1.828			10.014
R100-04A	24.937	25.323		15.897			25.251	0.386					
R100-04G	20.701	18.973		13.578			17.599	-1.728					
R100-05A			12.304	20.317			23.907			8.013			
R100-05G			16.479	21.912			17.222			5.433			
R100-06A	35.333	33.034		24.233	30.384	30.577	27.074	-2.299			6.151	0.193	-3.503
R100-06G	28.133	25.014		26.007	28.533	28.251	27.122	-3.119			2.526	-0.282	-1.129
R100-07A	16.018	15.631		18.684			21.231	-0.387					
R100-07G	15.990	19.778		21.159			18.321	3.788					
R100-08A	21.359	19.655	22.535	16.777		12.887	13.767	-1.704	2.880	-5.758			0.880
R100-08G	13.656	12.821	16.361	13.649		10.769	16.724	-0.835	3.540	-2.712			5.955
R100-09A	19.429	16.162	14.286	12.931		10.112	8.257	-3.267	-1.876	-1.355			-1.855
R100-09G	13.380	10.309	17.692	7.143		12.963	20.588	-3.071	7.383	-10.549			7.625
R100-10A	32.722	33.175	30.981	32.578		32.188	31.622	0.453	-2.194	1.597			-0.566
R100-10G	30.600	32.138	30.059	32.641		31.702	29.970	1.538	-2.079	2.582			-1.732
R100-11A	24.967	26.594	23.976	24.377			22.230	1.627	-2.618	0.401			
R100-11G	24.946	25.098	27.111	27.699			25.724	0.152	2.013	0.588			
R100-12A	35.282	30.997	27.464	27.597			22.650	-4.285	-3.533	0.133			
R100-12G	29.271	29.088	30.089	29.749			31.538	-0.183	1.001	-0.340			
R100-13A	23.579		27.976	28.276		27.590	25.288			0.300			-2.302
R100-13G	29.663		26.933	26.742		24.371	23.641			-0.191			-0.730
R100-14A	23.707	24.680	22.992	23.765		21.159	23.324	0.973	-1.688	0.773			2.165
R100-14G	20.338	24.214	22.399	21.845		22.522	23.241	3.876	-1.815	-0.554			0.719
R100-15A		34.952	43.541	36.010	36.006	36.220	32.359		8.589	-7.531	-0.004	0.214	-3.861
R100-15G		37.209	39.302	17.557	39.389	38.651	42.640		2.093	-21.745	21.832	-0.738	3.989
R100-16A	20.983	21.627	19.491	20.868			20.075	0.644	-2.136	1.377			
R100-16G	17.628	19.185	13.816	16.183			14.864	1.557	-5.369	2.367			
R100-17A	23.383	21.874	24.319	23.442				-1.509	2.445	-0.877			
R100-17G	24.467	24.629	21.648	23.875				0.162	-2.981	2.227			
R100-18A		17.396	13.769	19.404	20.604	22.917	19.973		-3.627	5.635	1.200	2.313	-2.944
R100-18G		22.150	20.917	23.896	24.067	26.883	22.556		-1.233	2.979	0.171	2.816	-4.327
R100-19A	14.988	13.356	15.290	13.724			16.273	-1.632	1.934	-1.566			
R100-19G	16.602	16.312	16.447	14.392			17.316	-0.290	0.135	-2.055			
R100-20A	10.764	12.177	5.185	7.580	12.530	4.337	8.491	1.413	-6.992	2.395	4.950	-8.193	4.154
R100-20G	16.399	8.503	13.262	8.000	5.134	10.204	10.072	-7.896	4.759	-5.262	-2.866	5.070	-0.132
R100-21A	10.584	8.877	11.006	11.550	11.111		9.896	-1.707	2.129	0.544	-0.439		
R100-21G	9.180	10.784	11.635	8.960	9.034		12.000	1.604	0.851	-2.675	0.074		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	13.529	16.269	13.379	9.751		11.633	7.664	2.740	-2.890	-3.628			-3.969
R100-22G	13.937	14.433	15.991	10.080		17.585	11.726	0.496	1.558	-5.911			-5.859
R100-23A	8.333	13.714	13.615	12.775			13.810	5.381	-0.099	-0.840			
R100-23G	10.429	9.816	6.220	8.756			9.662	-0.613	-3.596	2.536			
R100-24A	5.946	5.369	9.756	6.400		9.259	8.140	-0.577	4.387	-3.356			-1.119
R100-24G	6.857	8.075	9.268	7.292		6.369	6.818	1.218	1.193	-1.976			0.449
R100-25A	8.065	8.475	9.709	9.859	12.000	5.952	5.000	0.410	1.234	0.150	2.141	-6.048	-0.952
R100-25G	9.589	9.474	14.050	8.654	18.391	9.167	6.863	-0.115	4.576	-5.396	9.737	-9.224	-2.304
R100-26A	7.018	6.209	5.226	5.801		4.416		-0.809	-0.983	0.575			
R100-26G	5.080	5.128	4.482	7.200		4.890		0.048	-0.646	2.718			
R100-27A	12.346	12.155	14.286	10.989	8.482	12.953		-0.191	2.131	-3.297	-2.507	4.471	
R100-27G	12.935	9.813	17.073	11.050	8.543	8.969		-3.122	7.260	-6.023	-2.507	0.426	
R100-28A	9.434	7.407	8.065	14.124	11.795	6.404	13.812	-2.027	0.658	6.059	-2.329	-5.391	7.408
R100-28G	8.377	7.595	3.371	6.993	4.286	2.336	15.819	-0.782	-4.224	3.622	-2.707	-1.950	13.483
R100-29A	3.731	5.882	9.524	13.548				2.151	3.642	4.024			
R100-29G	4.032	9.375	2.174	6.369				5.343	-7.201	4.195			
R100-30A	15.544	11.382	12.147	13.666	12.731	15.969	12.014	-4.162	0.765	1.519	-0.935	3.238	-3.955
R100-30G	11.916	16.812	14.439	13.361	11.111	12.903	18.095	4.896	-2.373	-1.078	-2.250	1.792	5.192
R100-31A	15.301	6.931	10.714	10.687	11.551	11.558		-8.370	3.783	-0.027	0.864	0.007	
R100-31G	12.245	8.333	11.321	12.946	15.000	12.245		-3.912	2.988	1.625	2.054	-2.755	
R100-32A	8.955		3.846	6.250	10.938	15.000	5.714			2.404	4.688	4.062	-9.286
R100-32G	3.750		9.259	3.797	7.547	3.077	5.263			-5.462	3.750	-4.470	2.186
R100-33A			6.154	5.439	3.465	6.915				-0.715	-1.974	3.450	
R100-33G			12.766	8.929	9.730	9.189				-3.837	0.801	-0.541	
R100-34A		4.545	8.015	10.000	9.744	5.039	6.952		3.470	1.985	-0.256	-4.705	1.913
R100-34G		14.387	10.108	9.704	11.017	8.408	9.195		-4.279	-0.404	1.313	-2.609	0.787
R100-35A	10.526	12.977	9.735	9.160	10.286	15.038	12.222	2.451	-3.242	-0.575	1.126	4.752	-2.816
R100-35G	7.921	7.258	7.547	9.630	5.172	13.333	11.957	-0.663	0.289	2.083	-4.458	8.161	-1.376
R100-36A	8.081	10.432	10.078	10.428	11.178	12.876		2.351	-0.354	0.350	0.750	1.698	
R100-36G	12.211	14.939	12.903	11.765	8.664	11.724		2.728	-2.036	-1.138	-3.101	3.060	
R100-37A	8.791	11.985	9.200	10.268	14.628	16.286	14.354	3.194	-2.785	1.068	4.360	1.658	-1.932
R100-37G	8.791	11.985	9.200	10.268	14.628	12.276	11.207	3.194	-2.785	1.068	4.360	-2.352	-1.069
R100-38A	9.375	13.856	11.089	14.646	16.405	14.667	18.985	4.481	-2.767	3.557	1.759	-1.738	4.318
R100-38G	11.509	19.016	18.576	10.748	9.863	4.884	15.511	7.507	-0.440	-7.828	-0.885	-4.979	10.627
R100-39A	9.518	10.673	11.319	10.637	11.893	11.194	9.863	1.155	0.646	-0.682	1.256	-0.699	-1.331
R100-39G	12.138	12.319	13.899	13.543	11.294	11.164	6.360	0.181	1.580	-0.356	-2.249	-0.130	-4.804
R100-40A	24.771	9.677	10.484	5.405	8.911	10.989	18.966	-15.094	0.807	-5.079	3.506	2.078	7.977
R100-40G	11.111	10.317	11.111	22.449	20.000	17.241	11.905	-0.794	0.794	11.338	-2.449	-2.759	-5.336
R100-41A	7.917	9.657	6.343	4.802	5.479	6.322	7.832	1.740	-3.314	-1.541	0.677	0.843	1.510
R100-41G	3.836	3.300	4.549	5.834	7.176	6.449	7.102	-0.536	1.249	1.285	1.342	-0.727	0.653
R100-42A	35.183	26.771		19.361	33.088	32.681	34.760	-8.412			13.727	-0.407	2.079
R100-42G	27.720	29.974		22.840	28.210	28.990	36.059	2.254			5.370	0.780	7.069

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	25.964	31.130		33.671	25.331	24.765		5.166			-8.340	-0.566	
R100-43G	25.104	26.493		24.292	24.521	29.733		1.389			0.229	5.212	
R100-44A	31.489	26.872	26.419	26.132	23.631	25.426	26.058	-4.617	-0.453	-0.287	-2.501	1.795	0.632
R100-44G	27.328	29.091	25.827	30.128	28.000	24.125	29.594	1.763	-3.264	4.301	-2.128	-3.875	5.469
R100-45A		10.034	9.996	21.349	9.584	7.632	5.837		-0.038	11.353	-11.765	-1.952	-1.795
R100-45G		23.459	14.464	6.084	18.183	17.496	14.787		-8.995	-8.380	12.099	-0.687	-2.709
R100-46A		23.582	21.056	23.631			28.825		-2.526	2.575			
R100-46G		27.462	23.796	23.667			26.569		-3.666	-0.129			
R100-47A				31.447	31.335		28.081				-0.112		
R100-47G				29.684	32.503		25.103				2.819		
R100-48A		10.896	9.966	11.012			11.787		-0.930	1.046			
R100-48G		12.857	11.699	14.851			16.455		-1.158	3.152			
R100-49A	27.293	29.075	25.939	26.344				1.782	-3.136	0.405			
R100-49G	27.678	24.933	19.624	22.520				-2.745	-5.309	2.896			
R100-50A	23.898	23.573	21.708	18.064	14.116		23.041	-0.325	-1.865	-3.644	-3.948		
R100-50G	14.749	15.886	17.087	18.286	14.002		20.446	1.137	1.201	1.199	-4.284		
R100-51A		19.785	17.205	16.339	13.192	14.772	15.500		-2.580	-0.866	-3.147	1.580	0.728
R100-51G		12.135	12.189	11.772	9.350	11.873	9.079		0.054	-0.417	-2.422	2.523	-2.794
R100-52A	21.438		22.846	19.033	16.965	19.311	8.264			-3.813	-2.068	2.346	-11.047
R100-52G	19.120		20.102	20.694	15.735	18.356	15.543			0.592	-4.959	2.621	-2.813
R100-53A		27.617	28.071	26.171		5.451			0.454	-1.900			
R100-53G		36.124	36.363	36.120		12.028			0.239	-0.243			
R100-54A		30.134		24.462	28.313	28.489					3.851	0.176	
R100-54G		33.323		32.555	31.358	35.040					-1.197	3.682	
R100-55A		22.684	19.764						-2.920				
R100-55G		23.441	22.669						-0.772				
R100-56A		19.109	18.529	16.135	14.147	15.111	18.510		-0.580	-2.394	-1.988	0.964	3.399
R100-56G		21.500	19.700	19.771	16.995	17.098	20.589		-1.800	0.071	-2.776	0.103	3.491
R100-57A	21.544	18.284	20.615	22.413	20.055	20.962	22.195	-3.260	2.331	1.798	-2.358	0.907	1.233
R100-57G	19.419	20.716	19.297	15.284	13.392	15.137	15.688	1.297	-1.419	-4.013	-1.892	1.745	0.551
R100-58A		18.570	18.101	15.857					-0.469	-2.244			
R100-58G		19.653	18.816	18.267					-0.837	-0.549			
R100-59A				8.315	9.410	9.848					1.095	0.438	
R100-59G				11.765	14.514	14.252					2.749	-0.262	
R100-60A			4.590	13.108	11.633		13.326			8.518	-1.475		
R100-60G			5.267	16.774	12.802		13.194			11.507	-3.972		
R100-61A	18.848			26.853	24.816	21.431	24.270				-2.037	-3.385	2.839
R100-61G	17.974			23.174	18.478	16.321	19.116				-4.696	-2.157	2.795
R100-62A				14.788	34.650	31.740	33.922				19.862	-2.910	2.182
R100-62G				21.272	26.097	31.468	31.763				4.825	5.371	0.295
R100-63A	12.757			15.443	10.331	10.804	16.815				-5.112	0.473	6.011
R100-63G	11.607			14.502	13.769	15.776	13.544				-0.733	2.007	-2.232

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	17.708			16.124	19.377	20.355	20.948				3.253	0.978	0.593
R100-64G	16.955			18.755	15.622	14.255	16.667				-3.133	-1.367	2.412
R100-65A	17.486			10.270			5.410						
R100-65G	18.684			3.065			2.814						
R100-66A	3.540			9.091	7.905	7.263	6.098				-1.186	-0.642	-1.165
R100-66G	5.556			3.896	6.024	5.882	8.434				2.128	-0.142	2.552
R100-67A				12.135	11.397	10.145					-0.738	-1.252	
R100-67G				10.482	11.111	8.836					0.629	-2.275	
R100-68A				4.638	7.500		6.419				2.862		
R100-68G				1.102	1.294		5.519				0.192		
R100-69A				25.432	20.223		23.378				-5.209		
R100-69G				16.084	23.857		28.092				7.773		
R100-70A				16.216	19.767		21.012				3.551		
R100-70G				18.089	17.114		15.164				-0.975		
R100-71A	14.857		14.793	10.568		21.022	23.305			-4.225			2.283
R100-71G	16.523		18.954	13.229		24.520	22.917			-5.725			-1.603
R100-72A				6.771	10.959		0.971				4.188		
R100-72G				13.021	11.374		1.111				-1.647		
R100-73A			2.043	2.676			3.370			0.633			
R100-73G			1.292	2.542			2.131			1.250			
R100-74A			15.740	15.538	15.226		18.325			-0.202	-0.312		
R100-74G			13.022	13.355	14.322		16.330			0.333	0.967		
R100-75A	13.864		12.629	15.041	11.563		11.111			2.412	-3.478		
R100-75G	13.008		13.235	17.292	10.029		12.529			4.057	-7.263		
R100-76A	15.181		16.155	17.614	12.430	14.286	16.008			1.459	-5.184	1.856	1.722
R100-76G	15.916		18.448	14.428	17.808	19.510	16.667			-4.020	3.380	1.702	-2.843
R100-77A	10.263		13.529	12.130	7.476	10.342	11.942			-1.399	-4.654	2.866	1.600
R100-77G	6.716		11.975	7.265	12.387	10.176	8.897			-4.710	5.122	-2.211	-1.279
R100-78A	14.604		12.478	10.331	15.603	16.835	16.541			-2.147	5.272	1.232	-0.294
R100-78G	14.542		7.531	12.348	9.788	12.604	14.367			4.817	-2.560	2.816	1.763
R100-79A				26.573	27.437	5.978					0.864	-21.459	
R100-79G				29.645	27.590	13.942					-2.055	-13.648	
R100-80A	21.840	22.414	20.000	20.748		21.376		0.574	-2.414	0.748			
R100-80G	27.517	31.146	31.567	28.338		32.127		3.629	0.421	-3.229			
Summary	**15.085**	**15.185**	**14.660**	**14.682**	**14.498**	**14.683**	**15.255**	**0.100**	**-0.525**	**0.022**	**-0.184**	**0.185**	**0.572**
Significance								**0.944**	**0.096**	**0.826**	**0.992**	**0.734**	**0.342**

Table B.69 Rural 100 km/h site results for each site in each direction of travel - per cent more than 5 km/h and less than 10 km/h above speed limit

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		3.204	2.606	2.198			1.628		-0.598	-0.408			
R100-01G		5.255	4.228	4.042			2.816		-1.027	-0.186			
R100-02A	5.920	4.088	5.082	5.056			5.520	-1.832	0.994	-0.026			
R100-02G	6.381	6.228	6.714	6.153			8.296	-0.153	0.486	-0.561			
R100-03A	3.614	1.865	1.246	1.514		4.394	10.399	-1.749	-0.619	0.268			6.005
R100-03G	6.799	2.719	2.250	2.337		2.564	6.872	-4.080	-0.469	0.087			4.308
R100-04A	11.510	15.545		4.852			10.084	4.035					
R100-04G	8.416	8.050		4.409			6.115	-0.366					
R100-05A			7.034	9.155			12.466			2.121			
R100-05G			7.628	11.001			7.143			3.373			
R100-06A	16.443	14.222		10.914	13.324	12.924	9.800	-2.221			2.410	-0.400	-3.124
R100-06G	10.565	9.994		10.962	10.253	11.263	12.062	-0.571			-0.709	1.010	0.799
R100-07A	11.899	14.629		15.263			10.462	2.730					
R100-07G	12.172	14.233		13.623			13.486	2.061					
R100-08A	9.871	11.379	12.324	11.130		7.015	8.135	1.508	0.945	-1.194			1.120
R100-08G	9.673	6.938	7.679	6.178		6.154	8.247	-2.735	0.741	-1.501			2.093
R100-09A	12.571	12.121	6.211	6.034		6.180	5.505	-0.450	-5.910	-0.177			-0.675
R100-09G	6.338	8.247	7.692	6.122		3.086	11.765	1.909	-0.555	-1.570			8.679
R100-10A	10.541	9.665	8.692	9.758		9.000	7.981	-0.876	-0.973	1.066			-1.019
R100-10G	7.985	8.133	8.301	7.374		6.281	5.859	0.148	0.168	-0.927			-0.422
R100-11A	15.460	13.015	11.954	14.127			11.455	-2.445	-1.061	2.173			
R100-11G	13.053	11.931	12.786	12.908			13.073	-1.122	0.855	0.122			
R100-12A	13.061	14.725	12.014	11.467			6.073	1.664	-2.711	-0.547			
R100-12G	11.880	11.452	10.782	9.857			12.639	-0.428	-0.670	-0.925			
R100-13A	10.594		11.239	11.599		10.360	10.887			0.360			0.527
R100-13G	13.421		9.920	10.661		12.093	9.988			0.741			-2.105
R100-14A	16.309	15.049	13.386	14.824		10.217	12.974	-1.260	-1.663	1.438			2.757
R100-14G	14.356	13.645	12.724	12.301		13.014	14.267	-0.711	-0.921	-0.423			1.253
R100-15A		9.711	12.753	8.434	7.387	6.154	6.323		3.042	-4.319	-1.047	-1.233	0.169
R100-15G		13.383	11.390	4.968	9.095	9.255	9.399		-1.993	-6.422	4.127	0.160	0.144
R100-16A	13.204	11.242	11.263	10.950			8.964	-1.962	0.021	-0.313			
R100-16G	12.073	12.540	8.929	8.195			6.303	0.467	-3.611	-0.734			
R100-17A	10.430	9.240	10.604	8.817				-1.190	1.364	-1.787			
R100-17G	10.710	11.082	7.344	8.653				0.372	-3.738	1.309			
R100-18A		8.698	11.188	11.097	12.085	13.426	10.925		2.490	-0.091	0.988	1.341	-2.501
R100-18G		11.946	12.045	16.878	14.479	14.834	13.546		0.099	4.833	-2.399	0.355	-1.288
R100-19A	8.920	9.932	10.085	7.985			10.433	1.012	0.153	-2.100			
R100-19G	11.025	9.397	9.102	7.783			8.040	-1.628	-0.295	-1.319			
R100-20A	4.861	8.118	2.222	7.580	11.111	0.964	5.346	3.257	-5.896	5.358	3.531	-10.147	4.382
R100-20G	7.717	3.401	6.810	4.267	2.902	12.925	7.194	-4.316	3.409	-2.543	-1.365	10.023	-5.731
R100-21A	7.664	7.311	8.805	10.334	9.764		9.375	-0.353	1.494	1.529	-0.570		
R100-21G	8.852	7.108	5.975	2.312	7.477		7.556	-1.744	-1.133	-3.663	5.165		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	10.392	9.544	11.791	9.178		6.735	4.197	-0.848	2.247	-2.613			-2.538
R100-22G	10.105	9.691	9.168	6.880		9.449	7.965	-0.414	-0.523	-2.288			-1.484
R100-23A	10.000	8.571	8.451	11.013			7.143	-1.429	-0.120	2.562			
R100-23G	11.656	9.202	10.048	5.991			7.246	-2.454	0.846	-4.057			
R100-24A	7.027	4.698	4.268	10.400		7.407	4.651	-2.329	-0.430	6.132			-2.756
R100-24G	8.000	6.832	3.415	6.250		6.369	3.030	-1.168	-3.417	2.835			-3.339
R100-25A	9.677	10.169	5.825	1.408	12.000	4.762	11.250	0.492	-4.344	-4.417	10.592	-7.238	6.488
R100-25G	12.329	12.632	9.091	6.731	9.195	4.167	11.765	0.303	-3.541	-2.360	2.464	-5.028	7.598
R100-26A	4.094	3.268	2.787	3.591		2.208		-0.826	-0.481	0.804			
R100-26G	2.941	4.843	4.482	3.600		2.200		1.902	-0.361	-0.882			
R100-27A	4.938	5.525	10.952	8.242	5.357	4.663		0.587	5.427	-2.710	-2.885	-0.694	
R100-27G	9.453	9.346	7.927	4.420	7.035	8.969		-0.107	-1.419	-3.507	2.615	1.934	
R100-28A	3.774	3.704	3.226	6.215	6.154	4.433	8.840	-0.070	-0.478	2.989	-0.061	-1.721	4.407
R100-28G	2.618	2.532	1.685	3.497	1.429	0.935	7.345	-0.086	-0.847	1.812	-2.068	-0.494	6.410
R100-29A	4.478	5.882	5.714	4.516				1.404	-0.168	-1.198			
R100-29G	7.258	4.167	10.870	10.828				-3.091	6.703	-0.042			
R100-30A	13.472	9.756	12.712	13.015	9.028	10.995	9.894	-3.716	2.956	0.303	-3.987	1.967	-1.101
R100-30G	12.850	11.135	8.556	8.977	8.974	8.756	10.159	-1.715	-2.579	0.421	-0.003	-0.218	1.403
R100-31A	8.743	6.931	10.119	8.397	9.241	9.548		-1.812	3.188	-1.722	0.844	0.307	
R100-31G	6.633	13.462	6.918	8.482	11.154	14.286		6.829	-6.544	1.564	2.672	3.132	
R100-32A	5.970		7.692	3.750	9.375	3.750	5.714			-3.942	5.625	-5.625	1.964
R100-32G	8.750		1.852	6.329	1.887	0.000	2.632			4.477	-4.442	-1.887	2.632
R100-33A			1.538	4.603	3.960	4.787				3.065	-0.643	0.827	
R100-33G			3.546	4.018	8.108	6.486				0.472	4.090	-1.622	
R100-34A		8.333	7.634	3.548	6.154	3.488	6.417		-0.699	-4.086	2.606	-2.666	2.929
R100-34G		8.962	5.054	5.121	8.475	6.907	6.130		-3.908	0.067	3.354	-1.568	-0.777
R100-35A	9.474	9.160	3.540	9.160	7.429	7.519	11.111	-0.314	-5.620	5.620	-1.731	0.090	3.592
R100-35G	8.911	8.871	4.717	11.111	5.172	4.167	5.435	-0.040	-4.154	6.394	-5.939	-1.005	1.268
R100-36A	10.774	10.072	8.915	10.963	10.272	10.730		-0.702	-1.157	2.048	-0.691	0.458	
R100-36G	6.601	7.622	8.065	8.706	10.108	10.000		1.021	0.443	0.641	1.402	-0.108	
R100-37A	14.011	11.236	6.800	16.071	12.500	15.143	10.526	-2.775	-4.436	9.271	-3.571	2.643	-4.617
R100-37G	14.011	11.236	6.800	16.071	12.500	9.463	6.466	-2.775	-4.436	9.271	-3.571	-3.037	-2.997
R100-38A	6.406	6.678	14.516	11.339	11.344	12.952	13.907	0.272	7.838	-3.177	0.005	1.608	0.955
R100-38G	6.266	13.115	7.895	6.531	3.562	2.057	12.591	6.849	-5.220	-1.364	-2.969	-1.505	10.534
R100-39A	5.106	4.907	5.230	4.866	6.972	5.504	4.612	-0.199	0.323	-0.364	2.106	-1.468	-0.892
R100-39G	6.209	6.245	8.182	6.126	5.305	4.434	3.027	0.036	1.937	-2.056	-0.821	-0.871	-1.407
R100-40A	3.670	17.742	4.839	9.459	7.921	13.187	10.345	14.072	-12.903	4.620	-1.538	5.266	-2.842
R100-40G	9.259	3.175	11.966	4.082	1.429	13.793	22.619	-6.084	8.791	-7.884	-2.653	12.364	8.826
R100-41A	4.850	4.517	5.130	2.581	2.740	4.598	5.221	-0.333	0.613	-2.549	0.159	1.858	0.623
R100-41G	2.648	1.558	1.820	3.327	3.489	3.265	3.085	-1.090	0.262	1.507	0.162	-0.224	-0.180
R100-42A	21.684	18.793		9.988	15.107	16.606	23.361	-2.891			5.119	1.499	6.755
R100-42G	11.653	15.237		9.962	11.517	12.455	12.031	3.584			1.555	0.938	-0.424

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	9.397	13.156		15.847	6.891	6.164		3.759			-8.956	-0.727	
R100-43G	8.413	9.602		8.041	7.437	9.526		1.189			-0.604	2.089	
R100-44A	12.383	9.246	9.607	7.924	5.812	6.294	6.177	-3.137	0.361	-1.683	-2.112	0.482	-0.117
R100-44G	8.940	11.487	9.117	11.807	8.805	5.843	8.631	2.547	-2.370	2.690	-3.002	-2.962	2.788
R100-45A		2.867	2.847	11.671	2.233	1.637	1.255		-0.020	8.824	-9.438	-0.596	-0.382
R100-45G		12.675	4.881	1.754	5.914	5.503	4.533		-7.794	-3.127	4.160	-0.411	-0.970
R100-46A		14.215	9.532	15.791			15.818		-4.683	6.259			
R100-46G		15.169	9.583	10.056			8.594		-5.586	0.473			
R100-47A				19.939	17.737		12.993				-2.202		
R100-47G				25.284	17.251		8.789				-8.033		
R100-48A		4.559	3.667	4.975			4.788		-0.892	1.308			
R100-48G		6.364	5.507	8.622			7.640		-0.857	3.115			
R100-49A	7.230	7.733	6.432	6.538				0.503	-1.301	0.106			
R100-49G	6.605	5.635	3.947	4.780				-0.970	-1.688	0.833			
R100-50A	8.533	8.192	6.927	5.797	4.015		7.108	-0.341	-1.265	-1.130	-1.782		
R100-50G	5.876	6.162	5.410	6.111	4.222		8.636	0.286	-0.752	0.701	-1.889		
R100-51A		8.168	6.845	6.419	5.822	7.301	5.684		-1.323	-0.426	-0.597	1.479	-1.617
R100-51G		3.706	4.217	4.063	3.079	3.163	2.797		0.511	-0.154	-0.984	0.084	-0.366
R100-52A	14.425		14.034	10.884	9.118	10.209	8.570			-3.150	-1.766	1.091	-1.639
R100-52G	9.674		10.596	11.987	10.147	10.400	16.960			1.391	-1.840	0.253	6.560
R100-53A		6.920	7.210	6.099		1.077			0.290	-1.111			
R100-53G		8.575	8.606	7.944		2.280			0.031	-0.662			
R100-54A		5.553		4.382	4.846	4.282					0.464	-0.564	
R100-54G		7.754		9.893	8.405	9.393					-1.488	0.988	
R100-55A		4.001	3.329						-0.672				
R100-55G		3.918	3.698						-0.220				
R100-56A		3.153	3.073	2.316	1.761	1.959	2.580		-0.080	-0.757	-0.555	0.198	0.621
R100-56G		3.658	2.975	2.897	2.268	2.084	2.672		-0.683	-0.078	-0.629	-0.184	0.588
R100-57A	6.370	4.767	5.042	6.022	4.808	5.005	5.306	-1.603	0.275	0.980	-1.214	0.197	0.301
R100-57G	5.460	5.870	5.299	3.809	3.258	3.692	3.445	0.410	-0.571	-1.490	-0.551	0.434	-0.247
R100-58A		2.884	2.621	2.094					-0.263	-0.527			
R100-58G		2.982	2.617	2.382					-0.365	-0.235			
R100-59A				3.836	4.118	4.106					0.282	-0.012	
R100-59G				5.605	6.849	5.815					1.244	-1.034	
R100-60A			1.446	4.871	4.125		5.064			3.425	-0.746		
R100-60G			1.581	5.629	4.751		5.014			4.048	-0.878		
R100-61A	12.125			15.437	10.115	10.450	10.876				-5.322	0.335	0.426
R100-61G	9.775			12.164	7.029	6.072	8.305				-5.135	-0.957	2.233
R100-62A				6.417	12.969	10.078	11.980				6.552	-2.891	1.902
R100-62G				7.677	8.551	9.964	11.154				0.874	1.413	1.190
R100-63A	7.701			5.646	3.185	4.292	7.473				-2.461	1.107	3.181
R100-63G	5.432			6.768	5.786	6.325	6.366				-0.982	0.539	0.041

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	13.542			7.602	8.762	9.175	9.005				1.160	0.413	-0.170
R100-64G	12.630			9.018	7.602	6.486	8.333				-1.416	-1.116	1.847
R100-65A	8.174			2.782			2.141						
R100-65G	8.346			0.764			1.116						
R100-66A	9.735			4.132	3.162	2.235	1.829				-0.970	-0.927	-0.406
R100-66G	1.111			1.299	2.008	1.961	3.012				0.709	-0.047	1.051
R100-67A				5.181	5.302	3.897					0.121	-1.405	
R100-67G				4.186	3.639	3.092					-0.547	-0.547	
R100-68A				0.870	3.125		7.770				2.255		
R100-68G				0.551	0.000		4.545				-0.551		
R100-69A				13.546	10.575		11.864				-2.971		
R100-69G				6.844	10.915		18.032				4.071		
R100-70A				11.171	11.296		14.008				0.125		
R100-70G				10.569	12.752		11.680				2.183		
R100-71A	6.525		7.102	4.841		9.335	10.526			-2.261			1.191
R100-71G	7.591		7.998	5.448		9.183	8.607			-2.550			-0.576
R100-72A				6.771	7.763		0.971				0.992		
R100-72G				7.813	8.057		0.000				0.244		
R100-73A			1.086	1.674			1.217			0.588			
R100-73G			0.621	0.628			0.836			0.007			
R100-74A			9.531	9.396	8.581		10.619			-0.135	-0.815		
R100-74G			7.714	6.677	6.522		7.660			-1.037	-0.155		
R100-75A	6.195		7.990	8.333	9.688		11.111			0.343	1.355		
R100-75G	8.401		9.559	8.333	6.304		9.049			-1.226	-2.029		
R100-76A	9.157		11.554	14.773	7.839	7.253	10.993			3.219	-6.934	-0.586	3.740
R100-76G	10.262		10.691	7.623	12.013	10.623	6.832			-3.068	4.390	-1.390	-3.791
R100-77A	6.077		5.807	7.687	3.048	3.780	6.117			1.880	-4.639	0.732	2.337
R100-77G	3.330		7.258	4.119	6.103	4.235	4.138			-3.139	1.984	-1.868	-0.097
R100-78A	9.533		10.160	8.187	9.929	13.131	9.023			-1.973	1.742	3.202	-4.108
R100-78G	8.977		7.180	6.783	8.809	10.448	12.098			-0.397	2.026	1.639	1.650
R100-79A				11.766	10.682	2.066					-1.084	-8.616	
R100-79G				12.090	8.932	3.966					-3.158	-4.966	
R100-80A	12.147	12.475	10.863	10.977		10.370		0.328	-1.612	0.114			
R100-80G	17.584	14.688	14.018	13.728		15.241		-2.896	-0.670	-0.290			
Summary	**8.959**	**8.599**	**8.036**	**7.892**	**7.308**	**7.231**	**7.707**	**-0.360**	**-0.563**	**-0.145**	**-0.584**	**-0.078**	**0.477**
Significance								**0.068**	**0.000**	**0.780**	**0.230**	**0.484**	**0.042**

Table B.70 Rural 100 km/h site results for each site in each direction of travel - vehicle count

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-01A		15481	15312	16427			18732		-169	1115			
R100-01G		15680	15186	16278			18822		-494	1092			
R100-02A	10692	9906	8757	10265			10236	-786	-1149	1508			
R100-02G	10327	9056	8475	9947			9945	-1271	-581	1472			
R100-03A	6281	5897	5618	6012		6577	6847	-384	-279	394			270
R100-03G	6236	5922	5599	5948		6630	6854	-314	-323	349			224
R100-04A	11164	15954		18135			20795	4790					
R100-04G	11550	16434		18780			22422	4884					
R100-05A			5047	5232			7797			185			
R100-05G			5231	5472			7560			241			
R100-06A	6252	5576		5571	5944	5393	5847	-676			373	-551	454
R100-06G	5897	5293		5437	5569	5398	5737	-604			132	-171	339
R100-07A	437	499		380			325	62					
R100-07G	419	541		345			393	122					
R100-08A	618	580	568	602		613	799	-38	-12	34			186
R100-08G	703	663	599	696		715	873	-40	-64	97			158
R100-09A	175	99	161	116		178	109	-76	62	-45			-69
R100-09G	142	97	130	98		162	68	-45	33	-32			-94
R100-10A	10635	10957	10826	10412		11200	12191	322	-131	-414			991
R100-10G	10608	10931	10782	10876		11463	12152	323	-149	94			689
R100-11A	2251	3012	2978	2527			2942	761	-34	-451			
R100-11G	2329	3076	2925	2603			3075	747	-151	-322			
R100-12A	6791	7049	7042	7142			7607	258	-7	100			
R100-12G	6877	7003	7049	7254			7540	126	46	205			
R100-13A	1548		1655	1595		1805	1736			-60			-69
R100-13G	1453		1875	1679		1629	1692			-196			63
R100-14A	1257	1329	1270	1700		1380	1372	72	-59	430			-8
R100-14G	1421	1495	1509	1886		1483	1549	74	14	377			66
R100-15A		4675	4846	6201	5063	4989	4824		171	1355	-1138	-74	-165
R100-15G		4386	4267	5616	4453	4419	4341		-119	1349	-1163	-34	-78
R100-16A	977	934	1021	968			1071	-43	87	-53			
R100-16G	936	933	1064	964			1063	-3	131	-100			
R100-17A	5350	5422	3857	5682				72	-1565	1825			
R100-17G	5350	5396	3908	5709				46	-1488	1801			
R100-18A		1966	1743	1577	1655	1296	1492		-223	-166	78	-359	196
R100-18G		2009	1702	1653	1554	1328	1565		-307	-49	-99	-226	237
R100-19A	1648	1752	1537	1603			1524	104	-215	66			
R100-19G	1542	1692	1593	1619			1617	150	-99	26			
R100-20A	288	271	270	343	423	415	318	-17	-1	73	80	-8	-97
R100-20G	311	294	279	375	448	294	278	-17	-15	96	73	-154	-16
R100-21A	274	383	318	329	297		192	109	-65	11	-32		
R100-21G	305	408	318	346	321		225	103	-90	28	-25		

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-22A	510	461	441	523		490	548	-49	-20	82			58
R100-22G	574	485	469	625		381	452	-89	-16	156			71
R100-23A	180	175	213	227			210	-5	38	14			
R100-23G	163	163	209	217			207	0	46	8			
R100-24A	185	149	164	125		108	86	-36	15	-39			-22
R100-24G	175	161	205	96		157	132	-14	44	-109			-25
R100-25A	62	59	103	71	75	84	80	-3	44	-32	4	9	-4
R100-25G	73	95	121	104	87	120	102	22	26	-17	-17	33	-18
R100-26A	342	306	287	362		317		-36	-19	75			
R100-26G	374	351	357	500		409		-23	6	143			
R100-27A	243	181	210	182	224	193		-62	29	-28	42	-31	
R100-27G	201	214	164	181	199	223		13	-50	17	18	24	
R100-28A	212	162	186	177	195	203	181	-50	24	-9	18	8	-22
R100-28G	191	158	178	143	210	214	177	-33	20	-35	67	4	-37
R100-29A	134	102	105	155				-32	3	50			
R100-29G	124	96	92	157				-28	-4	65			
R100-30A	386	369	354	461	432	382	283	-17	-15	107	-29	-50	-99
R100-30G	428	458	374	479	468	434	315	30	-84	105	-11	-34	-119
R100-31A	183	202	168	262	303	199		19	-34	94	41	-104	
R100-31G	196	156	159	224	260	147		-40	3	65	36	-113	
R100-32A	67		52	80	64	80	35			28	-16	16	-45
R100-32G	80		54	79	53	65	38			25	-26	12	-27
R100-33A			130	239	202	188				109	-37	-14	
R100-33G			141	224	185	185				83	-39	0	
R100-34A		396	262	310	195	258	187		-134	48	-115	63	-71
R100-34G		424	277	371	236	333	261		-147	94	-135	97	-72
R100-35A	95	131	113	131	175	133	90	36	-18	18	44	-42	-43
R100-35G	101	124	106	135	174	120	92	23	-18	29	39	-54	-28
R100-36A	297	278	258	374	331	233		-19	-20	116	-43	-98	
R100-36G	303	328	310	425	277	290		25	-18	115	-148	13	
R100-37A	364	267	250	224	376	350	209	-97	-17	-26	152	-26	-141
R100-37G	364	267	250	224	376	391	232	-97	-17	-26	152	15	-159
R100-38A	640	599	496	635	573	525	453	-41	-103	139	-62	-48	-72
R100-38G	782	610	646	735	730	389	548	-172	36	89	-5	-341	159
R100-39A	2448	2914	2677	2651	2926	2689	2190	466	-237	-26	275	-237	-499
R100-39G	2867	2354	2921	3020	2922	3135	2610	-513	567	99	-98	213	-525
R100-40A	109	124	124	74	101	91	58	15	0	-50	27	-10	-33
R100-40G	108	126	117	98	70	87	84	18	-9	-19	-28	17	-3
R100-41A	1402	1284	1813	1666	1314	1218	1379	-118	529	-147	-352	-96	161
R100-41G	1095	1091	1319	1954	1519	1225	1394	-4	228	635	-435	-294	169
R100-42A	14416	16985		16239	14682	12062	12247	2569			-1557	-2620	185
R100-42G	15267	17425		15981	14587	12670	12252	2158			-1394	-1917	-418

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-43A	15941	16836		17448	17066	16628		895			-382	-438	
R100-43G	16866	17299		18368	17548	17489		433			-820	-59	
R100-44A	15110	16028	16946	16658	15882	15508	15427	918	918	-288	-776	-374	-81
R100-44G	15929	16593	16332	17253	16411	16431	16314	664	-261	921	-842	20	-117
R100-45A		28534	30381	31514	32295	31092	32499		1847	1133	781	-1203	1407
R100-45G		28624	30323	31527	32162	31145	32252		1699	1204	635	-1017	1107
R100-46A		13943	18275	15192			11601		4332	-3083			
R100-46G		13666	17104	15055			11438		3438	-2049			
R100-47A				16094	12494		12553				-3600		
R100-47G				16133	12411		12572				-3722		
R100-48A		57489	56088	58492			64395		-1401	2404			
R100-48G		57641	56579	58779			64763		-1062	2200			
R100-49A	17565	18349	17834	18262				784	-515	428			
R100-49G	17790	18546	17657	18535				756	-889	878			
R100-50A	13407	13757	14004	15146	14671		14379	350	247	1142	-475		
R100-50G	12509	12772	13548	14350	10777		13802	263	776	802	-3573		
R100-51A		4089	4865	5141	5943	4698	5155		776	276	802	-1245	457
R100-51G		3832	4340	4553	5326	4363	4648		508	213	773	-963	285
R100-52A	2253		3064	3473	3071	2439	2287			409	-402	-632	-152
R100-52G	2181		2935	3170	2720	2250	2329			235	-450	-470	79
R100-53A		22761	22967	23920		23682			206	953			
R100-53G		23754	24217	25213		24251			463	996			
R100-54A		23412		25125	24084	24824					-1041	740	
R100-54G		24737		26331	24676	25337					-1655	661	
R100-55A		31242	31537						295				
R100-55G		31620	31774						154				
R100-56A		30451	31465	31912	31569	31494	33333		1014	447	-343	-75	1839
R100-56G		31358	32467	33068	31969	31378	33343		1109	601	-1099	-591	1965
R100-57A	32983	33225	33442	34225	34446	35483	38689	242	217	783	221	1037	3206
R100-57G	33812	32897	33607	34442	34596	36216	39163	-915	710	835	154	1620	2947
R100-58A		27049	27126	28083					77	957			
R100-58G		27863	28200	29183					337	983			
R100-59A				8082	9033	8865					951	-168	
R100-59G				8100	9081	8357					981	-724	
R100-60A			8714	9773	10496		11571			1059	723		
R100-60G			8791	9664	10608		11808			873	944		
R100-61A	2499			5247	4340	3397	3218				-907	-943	-179
R100-61G	2537			5286	4140	3376	3191				-1146	-764	-185
R100-62A				7168	8505	8494	9858				1337	-11	1364
R100-62G				7216	8093	8561	9763				877	468	1202
R100-63A	1701			4481	3862	2749	2248				-619	-1113	-501
R100-63G	1749			4551	3733	2751	2215				-818	-982	-536

Site ID	May 2010 (S1)	May 2011 (S2)	May 2012 (S3)	May 2013 (S4)	May 2014 (S5)	May 2015 (S6)	May 2016 (S7)	S2 - S1	S3 - S2	S4 - S3	S5 - S4	S6 - S5	S7 - S6
R100-64A	576			1197	1187	1297	1055				-10	110	-242
R100-64G	578			1253	1197	1403	1152				-56	206	-251
R100-65A	4392			10964			6118						
R100-65G	4469			10865			6005						
R100-66A	113			242	253	179	164				11	-74	-15
R100-66G	90			231	249	204	166				18	-45	-38
R100-67A				2876	3150	3233					274	83	
R100-67G				2843	3105	3169					262	64	
R100-68A				345	320		296				-25		
R100-68G				363	309		308				-54		
R100-69A				2953	2156		1711				-797		
R100-69G				2630	1924		1819				-706		
R100-70A				555	602		514				47		
R100-70G				492	596		488				104		
R100-71A	4153		4759	6094		5185	4351			1335			-834
R100-71G	4400		5276	6002		5412	4717			726			-695
R100-72A				192	219		103				27		
R100-72G				192	211		90				19		
R100-73A			6167	6390			6083			223			
R100-73G			6116	6373			6099			257			
R100-74A			1385	1905	1550		1648			520	-355		
R100-74G			1413	1887	1564		1684			474	-323		
R100-75A	339		388	492	320		504			104	-172		
R100-75G	369		408	480	349		431			72	-131		
R100-76A	830		978	1056	893	910	1037			78	-163	17	127
R100-76G	955		1057	1102	949	979	966			45	-153	30	-13
R100-77A	1481		1567	1418	1739	1402	1030			-149	321	-337	-372
R100-77G	1742		1929	1748	1655	1700	1450			-181	-93	45	-250
R100-78A	493		561	513	564	594	532			-48	51	30	-62
R100-78G	557		571	575	613	603	529			4	38	-10	-74
R100-79A				5261	4924	1355					-337	-3569	
R100-79G				5269	5049	832					-220	-4217	
R100-80A	815	986	985	829		945		171	-1	-156			
R100-80G	745	960	906	794		912		215	-54	-112			
Summary	**883**	**897**	**889**	**983**	**956**	**910**	**886**	**14**	**-8**	**94**	**-27**	**-47**	**-24**
Significance								**0.086**	**0.952**	**0.000**	**0.026**	**0.000**	**0.780**