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Economists

Traffic speed trends on Queensland roads, 2019

A report for Transport and Main Roads

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Contents

Executive Summary	vii
1. Introduction	1
2. Road speed performance across Queensland	3
2.1 Average speeds have remained unchanged between 2018 and 2019	4
2.2 Percentage of speed limit decreased slightly in both urban and regional areas between 2018 and 2019	5
2.3 Compliance with speed limits greater than 2016 levels	7
2.4 Average speed when speeding is declining	10
2.5 Worst performing roads in Queensland from a road safety perspective	12
3. Road speed performance in Greater Brisbane	14
3.1 The average speed gap between Brisbane and Queensland has widened	14
3.2 The gap in percentage of speed limits between arterial and local roads has widened in Greater Brisbane	16
3.3 Compliance remained steady in Greater Brisbane overall but low-level speeding increased in high speed areas	17
3.4 Average speeds when speeding were lower than 2016	20
4. Road speed performance across Queensland local government areas	22
4.1 Classification of local government areas into urban and regional	22
4.2 Percentage of speed limit in urban local government areas remained unchanged between 2018 and 2019	23
4.3 Compliance with speed limits has been stable for urban local government areas	24
4.4 Individual local government area results	25
5. Count based measures of road speed performance	27
6. Road speed performance for passenger vehicles and trucks	31
A1. Speed survey methodology	34
A1.1 Speed survey objectives	34
A1.2 Description of the HERE speed probe data	34
A1.3 Geospatial and time dimensions for the speed survey	37

A1.4	Traffic speed survey metrics	39
A1.5	Alternative weighting methodology	42
A1.6	Confidence rating for local government areas	45
A2.	Summary speed tables	48
A2.1	Queensland summary speed tables	48
A2.2	Brisbane summary speed tables	59
A2.3	Confidence ratings for LGAs	69
A2.4	Worst roads in Queensland, 2019	73
A3.	Summary speed tables - passenger vehicles	76
A3.1	Queensland summary speed tables	76
A3.2	Brisbane summary speed tables	87
A4.	Summary speed tables - trucks	97
A4.1	Queensland summary speed tables	97
A4.2	Brisbane summary speed tables	108
A5.	Count-weighted summary speed tables	118
A5.1	Queensland summary speed tables	118
A5.2	Brisbane summary speed tables	129

Figures

Figure 1: Percentage of speed limit, urban and regional areas, Queensland, 2016 to 2019	viii
Figure 2: Compliance with speed limits, Queensland, 2016 to 2019	ix
Figure 3: Compliance with speed limits by local government area, Queensland, 2019	x
Figure 2.1: Average speeds across Queensland, 2016 to 2019	4
Figure 2.2: Percentage of speed limit by key speed zones, Queensland, 2016 to 2019	6
Figure 2.3: Percentage of speed limit, urban and regional areas, Queensland, 2016 to 2019	7
Figure 2.4: Compliance with speed limits, Queensland, 2016 to 2019	8
Figure 2.5: Compliance with speed limits, urban and regional areas, Queensland, 2016 to 2019	9
Figure 2.6: Percentage change in speeding margins by speed zones, Queensland, 2018 to 2019	12
Figure 3.1: Average speeds and percentage changes in average speed by SA2 areas, Greater Brisbane, 2018 to 2019	15
Figure 3.2: POSL and percentage change in POSL by SA2 areas, Greater Brisbane, 2018 to 2019	16
Figure 3.3: Annual average change in percentage of speed limit by SA2 area, Greater Brisbane, 2016 to 2019	17
Figure 3.4: Compliance with speed limits, Greater Brisbane, 2016 to 2019	18
Figure 3.5: Comparison of compliance between Greater Brisbane and Queensland, 2016 to 2019	18
Figure 3.6: Compliance and change in compliance by SA2 areas, Greater Brisbane, 2018 to 2019	19
Figure 3.7: Annual average change in compliance with speed limits, Greater Brisbane, 2016 to 2019	20
Figure 3.8: Comparison of average speed when speeding, Brisbane and Queensland, 2016 to 2019	20
Figure 3.9: Percentage change in average speed when speeding, Greater Brisbane, 2018 to 2019	21
Figure 4.1: Classification of local government areas between regional and urban in Queensland	23
Figure 4.2: Percentage of speed limit by local government area, Queensland, 2019	24
Figure 4.3: Compliance with speed limits by local government area, Queensland, 2019	25
Figure 4.4: Example local government area speed performance summary	26
Figure 5.1: Percentage of speed limit by urban and regional areas and weighting, Queensland, 2016 to 2019	28

Figure 5.2: Percentage of speed limit by key speed zones and weighting, Greater Brisbane, 2016 to 2019	29
Figure 5.3: Compliance with speed limits by weighting, Queensland, 2016 to 2019	30
Figure 5.4: Urban LGAs ranked by compliance with speed limits, by weightings, 2019	30
Figure 6.1: Percentage of speed limit by urban and regional areas and vehicle, Queensland, 2016 to 2019	32
Figure 6.2: Percentage of speed limit by key speed zones and vehicle, Brisbane, 2016 to 2019	32
Figure 6.3: Compliance with speed limits by vehicle type, Queensland, 2016 to 2019	33
Figure 6.4: Urban LGAs ranked by compliance with speed limits, by vehicle type, 2019	34

Tables

Table 1: Top 10 worst performing roads from a speed safety perspective in Queensland, 2019	xi
Table 2.1: Average speed, urban and regional areas, Queensland, 2016 to 2019	5
Table 2.2: Contribution of changes in levels of speeding to changes in compliance, Queensland, 2018 to 2019	8
Table 2.3: Compliance with speed limits by road segment, Queensland, 2016 to 2019	10
Table 2.4: Average speed when speeding by speed zones, urban and regional, Queensland, 2016 to 2019	11
Table 2.5: Worst performing speed safety roads in Queensland, 2019	13
Table 3.1: Average speeds for key speed zones, Greater Brisbane, 2016 to 2019	15
Table A1.1: Definition of all road functional classes	35
Table A1.2: Proportion of road lengths covered by data for local government areas, Queensland, 2016 to 2018	46
Table A1.3: Sufficiency of data ratio for local government areas, Queensland, 2016 to 2018	47
Table A2.1: Average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	48
Table A2.2: Percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	49
Table A2.3: Compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	49
Table A2.4: Average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	54

Table A2.5: Average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	59
Table A2.6: Percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	60
Table A2.7: Compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	61
Table A2.8: Average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	65
Table A2.9: Proportion of road lengths covered by data, local government areas in Queensland, 2016 to 2019	69
Table A2.10: Data sufficiency ratio, local government areas in Queensland, 2016 to 2019	71
Table A2.11: Top 100 worst roads or road segments in Queensland, based on speeding metrics for 2019	73
Table A3.1: Passenger vehicle average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	76
Table A3.2: Passenger vehicle percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	77
Table A3.3: Passenger vehicle compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	77
Table A3.4: Passenger vehicle average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	82
Table A3.5: Passenger vehicle average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	87
Table A3.6: Passenger vehicle percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	88
Table A3.7: Passenger vehicle compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	88
Table A3.8: Passenger vehicle average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	93
Table A4.1: Truck average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	97
Table A4.2: Truck percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	98
Table A4.3: Truck compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	98
Table A4.4: Truck average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	103

Table A4.5: Truck average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	108
Table A4.6: Truck percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	109
Table A4.7: Truck compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	109
Table A4.8: Truck average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	114
Table A5.1: Count-weighted average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	118
Table A5.2: Count-weighted percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	119
Table A5.3: Count-weighted compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	119
Table A5.4: Count-weighted average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019	124
Table A5.5: Count-weighted average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	129
Table A5.6: Count-weighted percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	130
Table A5.7: Count-weighted compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	130
Table A5.8: Count-weighted average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019	135

Executive Summary

The 2019 update of Transport and Main Roads' annual traffic speed trends on Queensland roads continues our earlier analysis of traffic speed and compliance with speed limits since 2016. It provides comprehensive insights on speed to inform policy and program developments to achieve Queensland's vision of zero deaths and serious injuries on Queensland roads.

As in previous years, we have used GPS probe data provided by HERE Technologies to analyse trends in average speeds and compliance with speed limits between 2016 and 2019, across urban and regional roads, and for each local government area. The results provide insights on changes in compliance with speed limits and help to identify geographic areas and roads where speeding is becoming systemic and road speeds are excessive.

Box E.1 provides a summary of the four key metrics that we report in this assessment.

Box E.1: Speed metrics for the Queensland road network

Average speed – average hourly speed across each road segment within a geographic area and for arterial and local roads.

Percentage of speed limit (POSL) – average speed divided by the posted speed limit, which allows speed performance comparisons to be made between areas with different speed zone configurations.

Speed compliance – the proportion of roads by length in an area where there were no incidences of speeding, which measures the extent of speed limit compliance in an area.

Margin in excess of speed limit – the severity of speeding in an area or for arterial and local roads, which provides insights on how the severity of speeding has been changing.

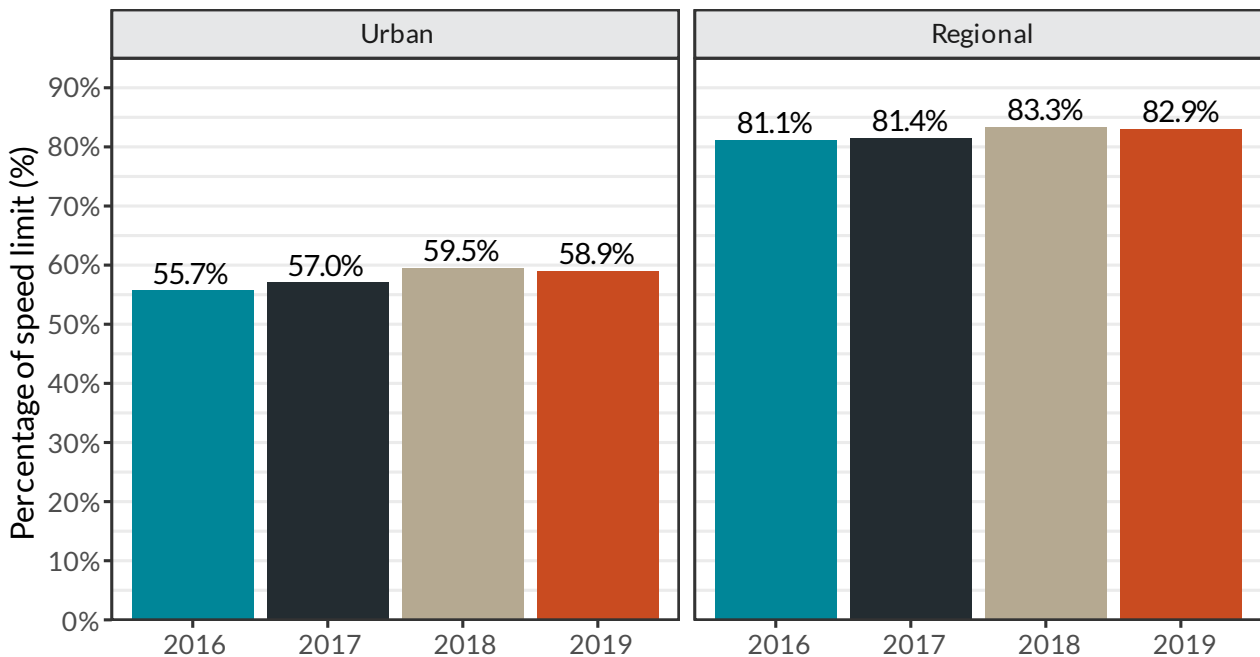
Average speeds have remained unchanged across Queensland's road network between 2018 and 2019

In 2019, the average speed across the road network in Queensland was 48.2km/h – a 0.7 per cent decrease from 2018. Average speed fell only slightly in both the urban and regional road networks. The average speed in the Greater Brisbane region was 37.2km/h in 2019 - 22.7 per cent lower than in the whole of Queensland.

Average speeds across all Queensland roads by key speed zones in 2019 remained mostly similar to the corresponding 2018 levels. This was largely driven by the absence of changes in average speeds in the arterial road network.

In line with the minor fall in the average speed, the percentage of speed limit (POSL) in Queensland remained similar to the 2018 level at around 66 per cent. Across Queensland, roads with higher speed limits (above 60km/h) recorded higher POSLs, although it was the lower speed zone of 50km/h that recorded the greatest change in the long term, increasing from 35 per cent in 2016 to 42 per cent in 2019. In general, the POSLs on arterial roads were consistently higher than those on local roads.

Figure 1: Percentage of speed limit, urban and regional areas, Queensland, 2016 to 2019

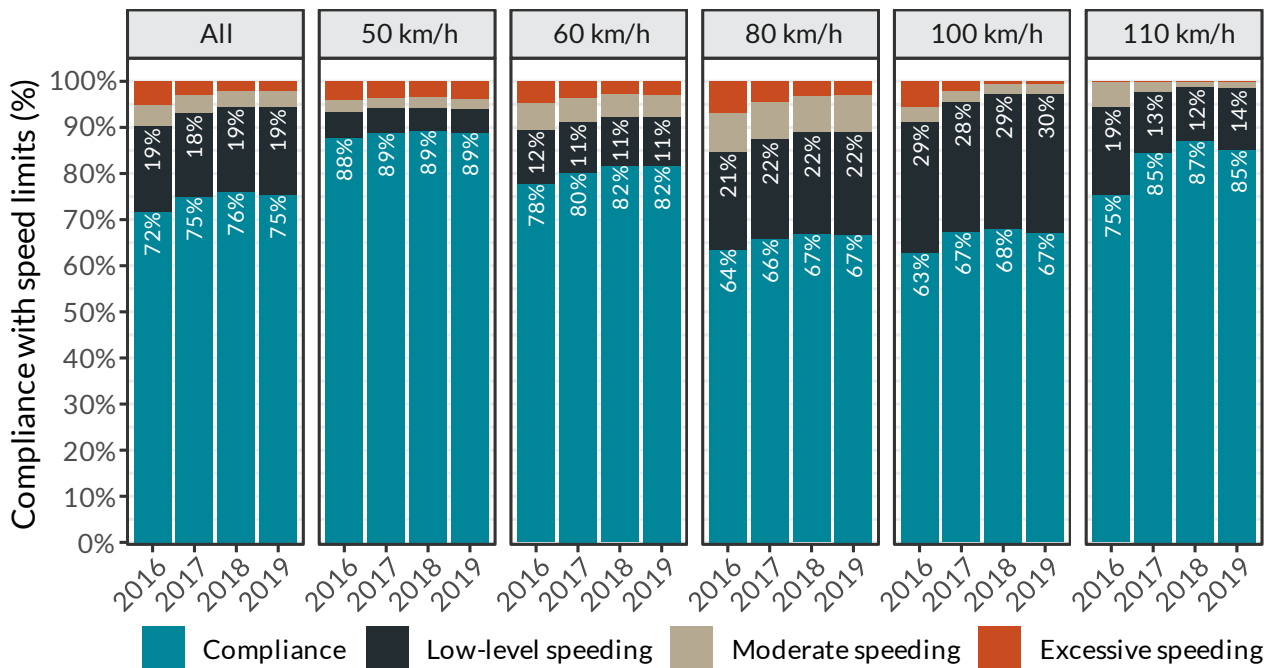


The POSLs in all key speed zones were higher in regional areas than in urban areas, with the exception of the 110km/h speed zone. Between 2018 and 2019, POSL decreased in high speed zones in regional areas, but increased in these zones in urban areas. Looking at the long-term trend in POSL from 2016 to 2019, POSL in the 50km/h and 60km/h speed zones improved in both urban and regional areas. POSL in the 100km/h speed zone has decreased in both areas.

Compliance with speed limits across Queensland remains greater than 2016 levels

For the whole of Queensland, compliance with speed limits fell slightly from 73.1 per cent in 2018 to 72.1 per cent in 2019, but still remains above the level in 2016. This is primarily driven by increases in the incidence of speeding in all three levels of speeding – low, moderate, and excessive. The slight decrease in compliance was driven by increases in all levels of speeding, especially excessive speeding in low-speed areas, and low-level speeding in high-speed areas.

Figure 2: Compliance with speed limits, Queensland, 2016 to 2019

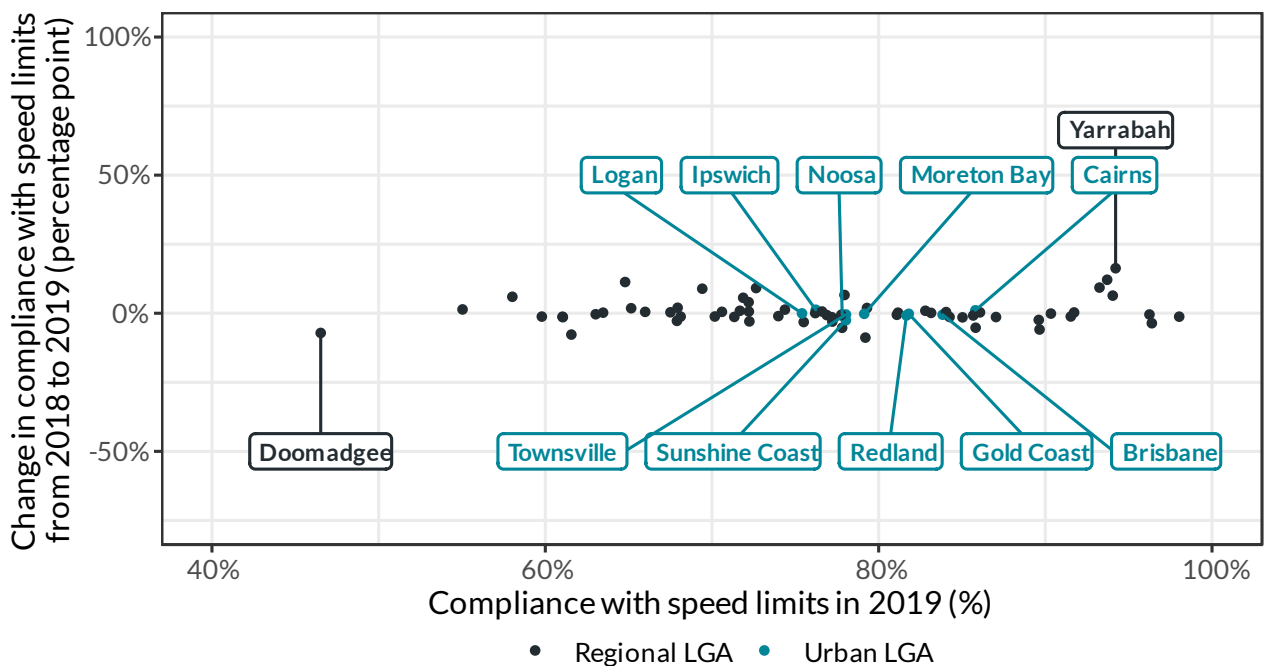


Compliance fell by less than one percentage point, observed in all the key speed zones except in the 110km/h speed zone where it fell by almost two percentage points. Compliance has increased in all speed zones since 2016, with compliance increasing by almost ten percentage points in the 110km/h speed zone.

The level of speeding whose increase contributed most to the decrease in compliance was different between speed zones. For example, almost 90 per cent of the worsening in compliance in the 110km/h speed zone was caused by increases in low-level speeding. Similarly, increases in low-level speeding in the 100km/h speed zone accounted for essentially all of the reduction in compliance.

In line with the one percentage point decrease in compliance in the whole of Queensland, compliance in Brisbane decreased slightly from 79.9 per cent in 2018 to 79.6 per cent between 2018 and 2019. Compliance in Brisbane also remained higher than its 2016 level of 74.1 per cent.

Figure 3: Compliance with speed limits by local government area, Queensland, 2019



Compliance with speed limits has been relatively stable for the urban LGAs, whose compliance averaged 79.8 per cent in 2019 - a 0.2 percentage-point decrease from 2018. An increase in compliance of one percentage point meant only Cairns had compliance higher than 85 per cent, whereas Logan had the lowest urban compliance at 75.4 per cent, unchanged from 2018.

Average speed when speeding was lower than its 2016 level

Average speeds when speeding across the key speed zones were lower than their 2016 levels, except in the 50 km/h speed zone where it increased by 0.2km/h. This means that the excess of speed with which people were travelling has generally reduced since 2016.

In 2019, the average speeds at which speeders were travelling remained approximately similar to the 2018 levels across the key speed zones. The most pronounced change in average speed when speeding among the key speed zones occurred in the 50km/h speed zone, where the average speed when speeding increased from 57.6 to 58.2km/h between 2018 and 2019.

Sandy Creek Road was the worst performing road from a speed safety perspective in 2019

We have analysed all roads¹ within the Queensland network to identify the top ten worst performing roads from the perspective of:

- the extent of non-compliance with speed limits, where the speed margin is greater than 10 per cent; and
- the average speeding margin.

¹ Only roads for which a sufficient amount of data was available were analysed.

We find that Sandy Creek Road in Beaudesert was the worst performing from a speed safety perspective in 2019, where speeds in excess of greater than 10 per cent of the speed limit were observed in about 68 per cent of the number of hours during which vehicles travelled on the road.

The ten worst performing roads from a speed safety perspective are listed in table 1 below.

Table 1: Top 10 worst performing roads from a speed safety perspective in Queensland, 2019

Rank	Road name	Statistical area level 2
1	Sandy Creek Road	Beaudesert
2	Omara Road	Toowoomba - West
3	Peter Crosby Way	Sippy Downs
4	Frizzo Road	Buderim - South
5	Dances Road	Caboolture
6	Sandalwood Lane	Buderim - North
7	University Way	Sippy Downs
8	Donnybrook Road	Beachmere - Sandstone Point
9	Crinum Road	Central Highlands - West
10	Pacific Highway	Loganholme - Tanah Merah

1. Introduction

Significant effort is focused annually on improving road safety, given the consequences to individuals and society from serious road crashes. The Queensland Department of Transport and Main Roads' (TMR) Safer Roads, Safer Queensland – Queensland's Road Safety Strategy provides the overarching framework for this effort, as it seeks to achieve the vision of zero deaths and serious injuries on Queensland roads.

Traffic speed is an important consideration, as small increases in speed can have a dramatic affect on the seriousness of a crash. It follows that monitoring traffic speed, and how it is changing over time, is an important input to the design and evaluation of activities to improve speed management across the road network.

This report presents the 2019 update of TMR's annual Queensland traffic road speed trends.² It follows the methodology developed and implemented by HoustonKemp to use GPS speed probe data for monitoring traffic speed performance across the road network. These data allow us to present comprehensive insights on road speed performance and speed compliance trends for all roads and geographic areas across Queensland.

This report sets out the results of our analysis of speed trends for 2019, providing a breakdown of speed and speed compliance across Queensland, Brisbane and every local government area. There are two new parts to this year's analysis, namely:

- an analysis of results applying a traffic count weighting methodology; and
- a breakdown of speed trends for trucks and passenger vehicles.

In addition, we have prepared a separate in-depth analysis of road performance and compliance with speed limits on identified 'free-flow' links across the Queensland road network.³ These links allow us to draw insights relating to free-flow speeds and driver behaviour on the Queensland road network.

The speed probe data that we have used for this study is provided on licence to TMR by HERE Technologies (HERE).

Box 1 provides a brief description of the coverage of this report and the metrics that we report.

Box 1: Speed metrics and definitions

We present speed metrics for urban and rural areas across Queensland based on the Significant Urban Area definitions provided by the Australian Bureau of Statistics.⁴

In addition, we provide results for arterial and local roads, based on road classes provided by HERE. Arterial roads are typically designed for high volume, high speed travel through and between major metropolitan areas, cities and towns, whereas local roads tend to be designed for a lower volume of

² See HoustonKemp, *Traffic speed trends on Queensland roads, 2015 to 2018*, Queensland Transport and Main Roads, Brisbane, 2019 for our analysis of speed trends in earlier years.

³ We have used the spatial features of the HERE road network to identify links that are likely to represent such 'free-flow' links. We can then use these links as a best estimate using the available data of free-flow vehicle speeds across different areas in Queensland. However, the data only represent a proxy measure of free-flow speeds on the network. We present the methodology and analysis for this component in a separate report. See: HoustonKemp, *Free-flow analysis*, October 2020.

⁴ See ABS, *Australian statistical geography standard (ASGS) volume 4*, cat. no. 1270.0.55.004, available at <http://www.abs.gov.au/ausstats/abs@.nsf/mf/1270.0.55.004>. See appendix A1.3 for a complete description of urban and regional areas.

traffic, travelling inside and between neighbourhoods.⁵ Specifically, we have defined for this report arterial roads as HERE road functional classes 1, 2 and 3 (where the speed limit exceeds 50 km/h).⁶

The key speed metrics that we report are:

Average speed – average hourly speed across each road segment within the area and road classification. Differences in average speed between areas can be a result of different speed zone configurations and so this metric is best used to understand changes in speed performance for a given area or road over time.

Percentage of Speed Limit (POSL) is calculated by dividing the observed average speed for each road segment within the area and road classification by the posted speed limit. This measure normalises between areas for differences in speed zones and so is best used to measure differences in speed performance between areas and roads.

Speed compliance measures the proportion of roads by length in an area where there were no incidences of speeding. Changes in the percentage of speed compliance provides an indication of changes in the incidence of speeding over time.

Margin in excess of speed limit measures the severity of speeding in an area or road classification. Changes in the speeding margin provides insights on how the severity of speeding has been changing.

Despite HERE data having hundreds of millions of observations across the road network, there are areas, particularly in regional Queensland, where coverage might not be adequate to provide a complete representation of the traffic speeds or trends on the roads. We have included information on network coverage and data adequacy as part of our reporting of the road speed results at a local government area (LGA) level.

This report sets out the results of our analysis of speed performance across the entire Queensland road network in 2019 in detail. It is structured as follows:

- section 2 summarises speed performance for Queensland as a whole;
- section 3 summarises speed performance for Brisbane;
- section 4 summarises speed performance for local government areas across Queensland;
- section 5 analyses road performance using a different probe weighting methodology; and
- section 6 compares road performance of passenger vehicles and trucks across Queensland.

In addition, appendix A1 describes the methodology that has been used in our analysis, and appendices A2 through to A4 contain summary speed data tables for Queensland, for passenger vehicles, and trucks separately. Appendix A5 provides the count-weighted summary speed tables.

⁵ See appendix A1.2 for a more detailed definition of arterial and local roads.

⁶ This definition differs from the definition of arterial roads that we have used in other reports. Specifically, we sometimes define arterial roads with reference to HERE road functional classes 1 and 2 only. It follows that the results in this report may differ from other published results reflecting differences in the road definitions used.

2. Road speed performance across Queensland

- Following two consecutive years of speed improvement since 2016, average speeds in Queensland decreased slightly from 48.5km/h in 2018 to 48.2km/h in 2019.
- Average speeds observed across the key speed zones did not change substantially in 2019. For example, the greatest average speed change occurred in the 110km/h speed zone, but the magnitude of the decrease was only 0.5 per cent.
- Average speed fell slightly in both urban and regional areas. Average speed in urban areas remained approximately 50 per cent below the average speed in regional areas (36.7km/h vs 76.5km/h).
- In 2019, speed zones of 100km/h or above continued to have the greatest discrepancies between arterial and local roads, as the average speeds on arterial roads were more than 35 per cent higher than on local roads. The smallest discrepancy occurred in the 60km/h speed zone where average speeds on arterial roads were only 6.5 per cent higher than on local roads.
- The POSL in Queensland remained similar to the 2018 level at around 66 per cent. The POSL on the urban road network was around 59 per cent in 2019, 24 percentage points lower than that recorded on the regional road network, reflecting higher congestion and differences in the design of the road network in urban areas compared to regional areas.
- There were no substantial changes in POSL in most speed zones from 2018 to 2019. Similar to previous years, roads with higher speed limits (above 60km/h) recorded higher POSLs, although it was the lower speed zones that recorded greater rates of change in the long term.
- POSL on arterial roads was 82 per cent – 28 percentage points higher than that recorded on local roads.
- In general, between 2018 and 2019, the degree of changes in POSL in the key speed zones in regional areas tend to be larger than the changes in the urban areas.
- For the whole of Queensland, compliance with speed limits fell slightly from 73.1 per cent in 2018 to 72.1 per cent in 2019, but still remains above the level in 2016. The slight decrease in compliance was driven by the increases in all levels of speeding, especially excessive speeding in low-speed areas, and low-level speeding in high-speed areas.
- Compliance fell by less than one percentage point, observed in all the key speed zones except in the 110km/h speed zone where it fell by almost two percentage points. Compliance has increased in all speed zones since 2016, with compliance increasing by almost ten percentage points in the 110km/h speed zone.
- Overall, compliance has historically been higher in urban areas than regional areas, and this trend did not change in 2019.
- Average speeds when speeding across the key speed zones were lower than their 2016 levels, except in the 50km/h speed zone where it is increased by 0.2km/h. This means that the excess of speed with which people were travelling has generally reduced since 2016.

2.1 Average speeds have remained unchanged between 2018 and 2019

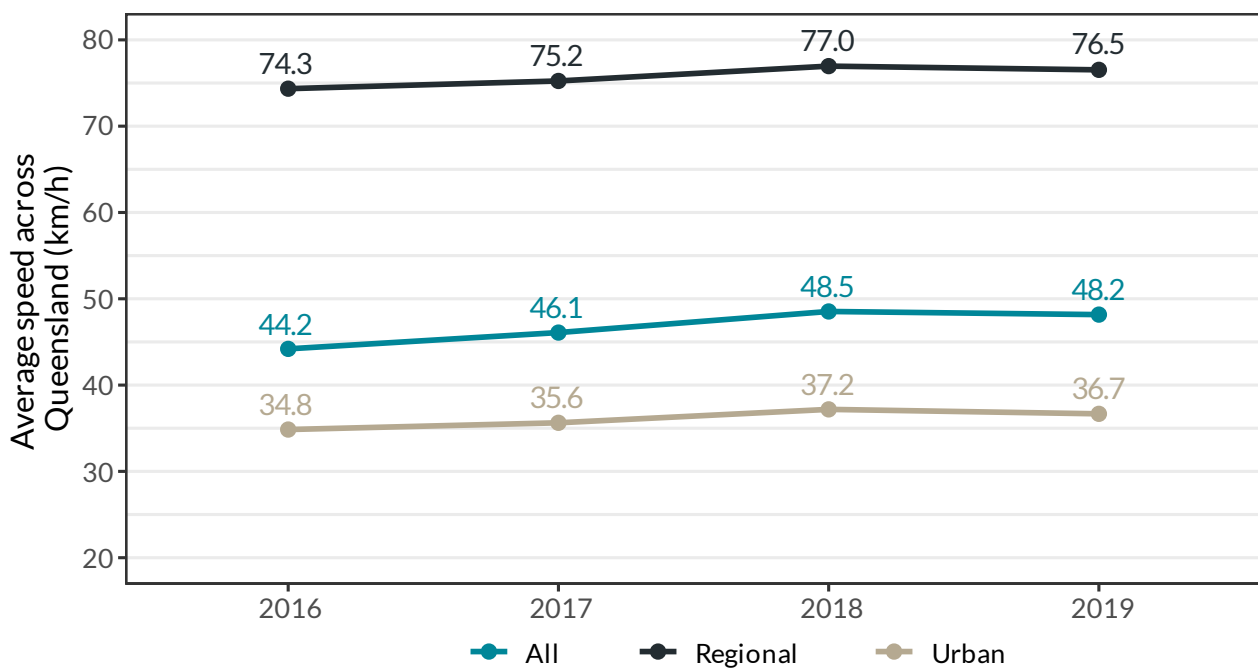
Between 2018 and 2019, average speed in Queensland decreased slightly from 48.5km/h in 2018 to 48.2km/h in 2019, after two consecutive years of increasing average speeds since 2016. The probe data suggest that roads were busier in 2019 than in 2018, but the amount of time spent travelling increased by a greater amount, consistent with an increase in vehicles resulting in slower speeds on the network.

Average speed fell slightly in both urban and regional areas. Average speed in urban areas remained approximately 50 per cent below the average speed in regional areas (36.7km/h vs 76.5km/h). Regional areas in Queensland have a high proportion of roads with high speed limits, with 100 km/h roads being most common. It follows that average speeds for regional areas tend to be higher than in urban areas, where 50 km/h and 60 km/h speed zones dominate.

Average speeds observed across the key speed zones did not change substantially. For example, the greatest average speed change occurred in the 110km/h speed zone, but the magnitude of the decrease was only 0.5 per cent.

In general, average speeds across the key speed zones on arterial roads were greater than the corresponding average speeds on local roads. In 2019, speed zones of 100km/h or above continued to have the greatest discrepancies, as the average speeds on arterial roads were more than 35 per cent higher than on local roads. The smallest discrepancy occurred in the 60km/h speed zone where average speeds on arterial roads were only 6.5 per cent higher than on local roads.

Figure 2.1: Average speeds across Queensland, 2016 to 2019



A decomposition of average speeds across speed zones by urban and regional areas revealed that across the speed zones of 60km/h or above, average speeds generally remained somewhat similar to the 2018 levels –average speeds across these speed zones changed by less than 1.2 per cent in both urban and regional areas.

Table 2.1: Average speed, urban and regional areas, Queensland, 2016 to 2019

Area	Speed zone	2016	2017	2018	2019
Regional	60 km/h	42.6	43.2	44.1	44.2
	80 km/h	66.5	66.6	67.7	67.8
	100 km/h	88.6	88.1	88.9	88.6
	110 km/h	95.8	92.6	94.5	93.7
Urban	60 km/h	39.0	38.9	39.1	39.0
	80 km/h	64.4	64.0	64.0	63.8
	100 km/h	84.2	83.0	83.5	83.8
	110 km/h	95.6	97.2	97.0	98.1

The gaps in average speed across the key speed zones between urban and regional areas have been mostly unchanged from 2018 to 2019. Average speeds in regional areas tend to be higher than those observed in urban areas with the exception of the 110km/h speed zone. Average speed in the 110km/h speed zone decreased by 0.8km/h in regional areas but increased by 1.1km/h in the urban areas, widening the discrepancy in the average speeds in the 110km/h speed zone between the two areas.

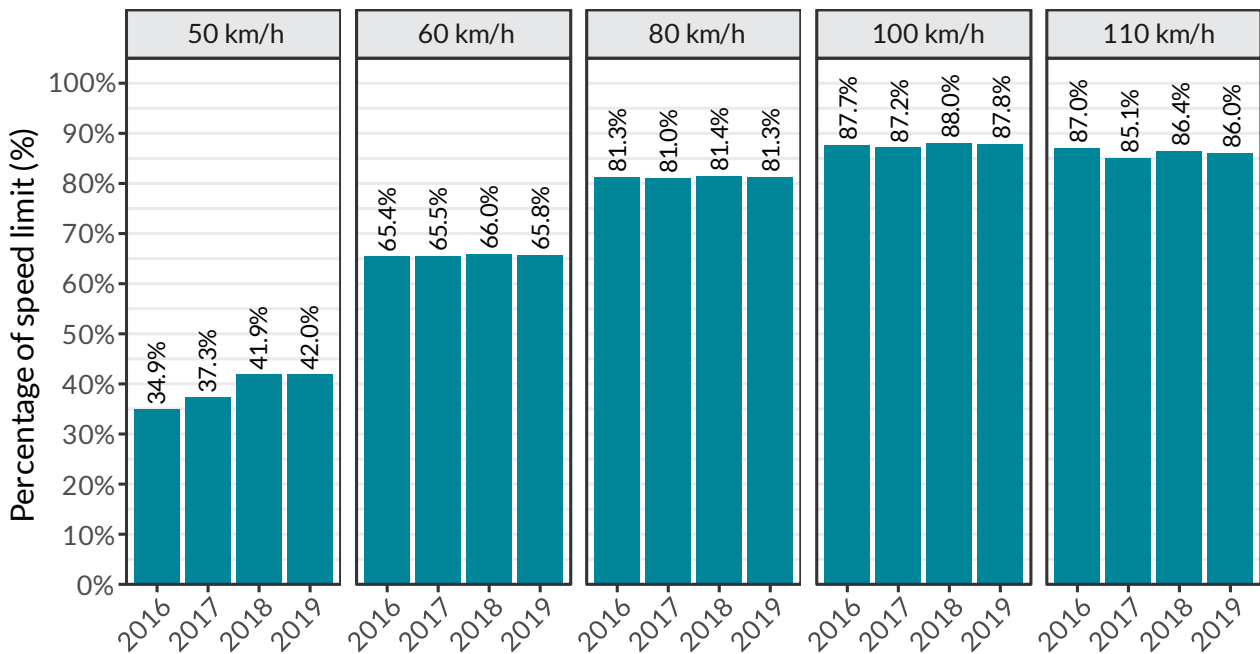
2.2 Percentage of speed limit decreased slightly in both urban and regional areas between 2018 and 2019

POSL in Queensland remained similar to the 2018 level at around 66 per cent. POSL on arterial roads was 82 per cent – 28 percentage points higher than that recorded on local roads.

In general, roads with higher speed limits (above 60km/h) recorded higher POSLs, although it was the lower speed zone of 50km/h that recorded the greatest change in the long term, increasing from 35 per cent in 2016 to 42 per cent in 2019. Despite the higher rate of change, the gaps in POSL between low and higher speed zones remained clear. In particular, the 50km/h speed zone had the lowest POSL in 2019 at 42.0 per cent, whereas the 100km/h speed zone had the highest POSL at 87.8 per cent. Drivers on roads of speed limits 80km/h or more travelled at above 80 per cent of the speed limit.

Across the speed zones of 60km/h or above, the POSLs on arterial roads were consistently higher than those on local roads. In particular, the POSL on arterial roads in the 100km/h and 110km/h speed zones were 24.2 and 31.5 per cent higher than those observed on local roads.

Figure 2.2: Percentage of speed limit by key speed zones, Queensland, 2016 to 2019

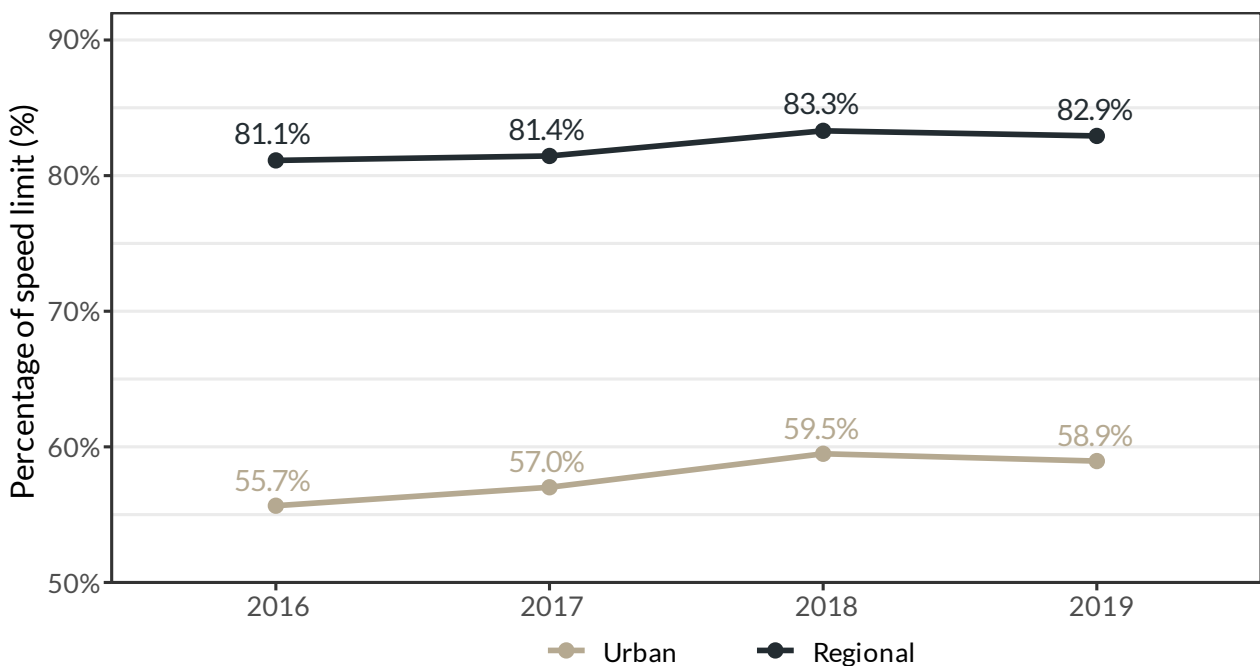


The POSL on the urban road network was around 59 per cent in 2019, 24 percentage points lower than that recorded on the regional road network, reflecting higher congestion and differences in the design of the road network in urban areas compared to regional areas.

The POSLs in all key speed zones were higher in regional areas than in urban areas, with the exception of the 110km/h speed zone. This suggests that there may be characteristics in the urban road network that prevents drivers from driving at as high a speed as compared to when they drive in the regional road network. Some of these characteristics include greater likelihood of congestion and greater presence of intersections or traffic lights in the urban road network.

In general, between 2018 and 2019, the changes in POSL in the key speed zones in urban areas tended to be more substantial than in the regional areas. Looking at the long-term trend in POSL from 2016 to 2019, we note that POSL in the 60km/h speed zone increased in both urban and regional areas. POSL in the 100km/h speed zones has decreased in both areas. In the 110km/h speed zone, POSL increased in urban areas but fell in regional areas.

Figure 2.3: Percentage of speed limit, urban and regional areas, Queensland, 2016 to 2019



2.3 Compliance with speed limits greater than 2016 levels

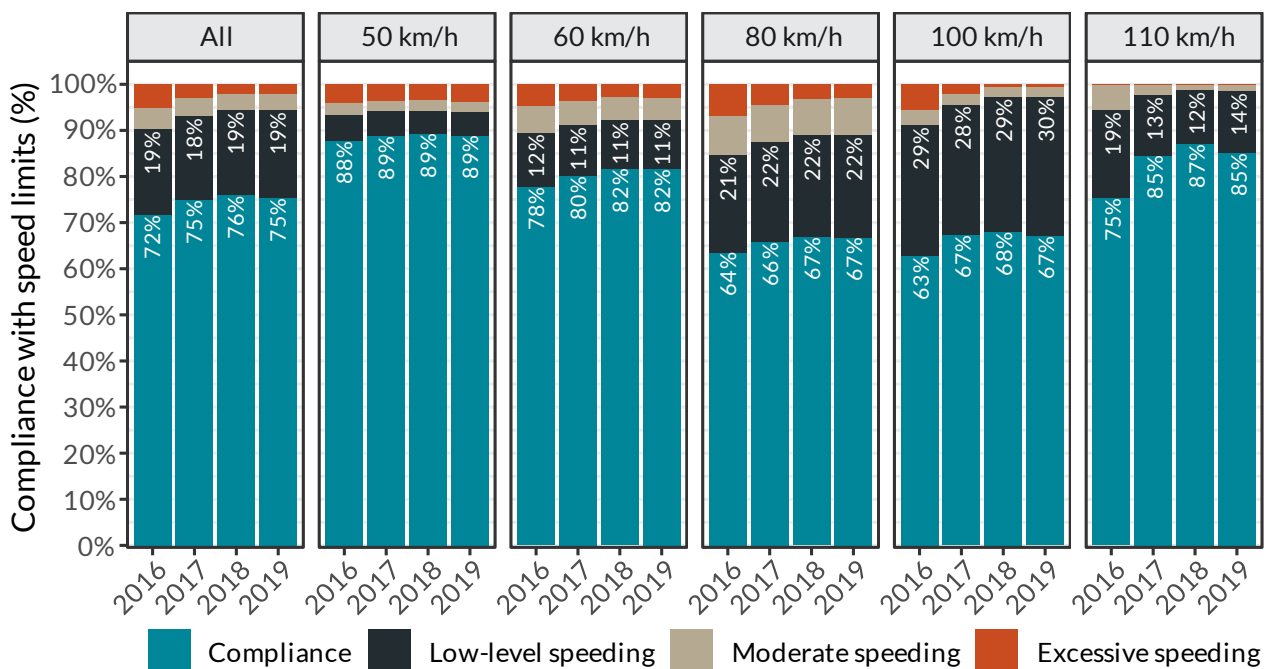
For the whole of Queensland, compliance with speed limits fell slightly from 73.1 per cent in 2018 to 72.1 per cent in 2019, but still remains above the level in 2016.

To determine what is driving the overall reduction in speed limit compliance, we analysed the speeds above the speed limit and decomposed it into ranges based on the margin by which the speed limit was exceeded. The ranges we have considered are:

- up to ten per cent over the limit (low-level speeding);
- between ten per cent and 20 per cent over the limit (moderate speeding); and
- more than 20 per cent over the limit (excessive speeding).

The slight decrease in compliance was driven by the increases in all levels of speeding, especially excessive speeding in low-speed areas, and low-level speeding in high-speed areas.

Figure 2.4: Compliance with speed limits, Queensland, 2016 to 2019



Compliance fell by less than one percentage point in all the key speed zones, except in the 110km/h speed zone where it fell by almost two percentage points. Compliance has increased in all speed zones since 2016, with compliance increasing by almost ten percentage points in the 110km/h speed zone.

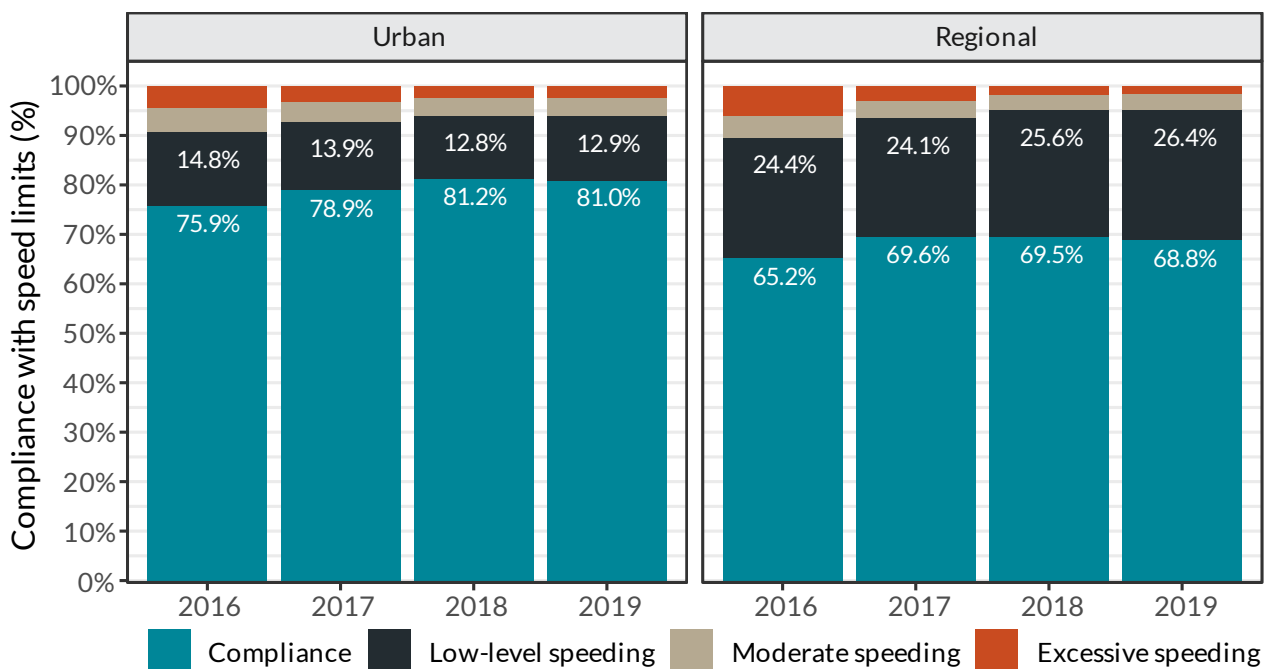
The level of speeding whose increase contributed most to the decrease in compliance was different between speed zones. For example, almost 90 per cent of the worsening in compliance in the 110km/h speed zone was caused by increases in low-level speeding. Similarly, increases low-level speeding in the 100km/h speed zone accounted for essentially of the reduction in compliance. Table 2.2 presents the contribution of each level of speeding to the overall decrease in compliance across the key speed zones.

Table 2.2: Contribution of changes in levels of speeding to changes in compliance, Queensland, 2018 to 2019

Speed zone	Change in compliance	Contribution from low-level speeding	Contribution from moderate speeding	Contribution from excessive speeding
50 km/h	-0.3%	-12.7%	17.0%	95.7%
60 km/h	-0.1%	-56.4%	60.5%	95.9%
80 km/h	-0.2%	165.8%	-27.0%	-38.8%
100 km/h	-0.8%	113.1%	-7.2%	-5.9%
110 km/h	-1.9%	89.2%	10.1%	0.7%

Note: The three 'contribution' columns sum to 100 per cent for each row and represent the contribution to the change in compliance in that speed zone that is attributable to changes in speeding from that category of speeding. For example, the last row means that of the overall 1.9 per cent reduction in compliance, 89.2 per cent is attributable to increases in low-level speeding, 10.1 per cent is attributable to increases in moderate speeding and 0.7 per cent is attributable to increases in excessive speeding.

Figure 2.5: Compliance with speed limits, urban and regional areas, Queensland, 2016 to 2019



Consistent with higher congestion and differing network designs, compliance has historically been higher in urban areas than regional areas, and this trend did not change in 2019. Consistent with the overall trend in Queensland, there were decreases of less than one percentage point in compliance from 2018 to 2019 in both urban and regional areas.

Looking at the long-term trend from 2016 to 2019, we note that drivers exceed the speed limit more frequently in regional areas, but this is generally attributable to low-level speeding. This is reflected by the increase of two percentage points in low-level level speeding in regional areas in 2019 relative to its 2016 level, while the frequency of excessive speeding in regional areas decreased by four percentage points from 2016 to 2019.

Since 2016, drivers have been more compliant on roads with speed limits of 50km/h, 60km/h and 80km/h in urban areas than in regional areas, whereas compliance was lower in urban areas than regional areas on roads with speed limits of 110km/h. This pattern was unchanged in 2019.

In general, there were decreases in compliance in all key speed zones in both areas from 2018 to 2019, except for a slight improvement on 60km/h roads in regional areas. The greatest decrease occurred in the 110km/h speed zone in urban areas with only 76 per cent of speed limit compliance, compared to 81 per cent in 2018. More people exceeded the 110km/h speed limit in urban areas than regional areas, and mostly did so by a margin of less than 10 per cent above the speed limit.

In general, compliance decreased slightly in all key speed zones on both arterial and local roads from 2018 to 2019. The decreases in compliance in both types of roads did not change the relativity that drivers are generally less compliant on arterial roads than local roads.

Table 2.3: Compliance with speed limits by road segment, Queensland, 2016 to 2019

Segment	2016	2017	2018	2019
Arterial roads in urban areas	68.5%	72.8%	76.2%	75.5%
Local roads in urban areas	83.3%	84.8%	85.8%	85.7%
Arterial roads in regional areas	63.8%	68.5%	68.2%	67.4%
Local roads in regional areas	75.3%	76.9%	77.4%	77.5%

Despite a slight fall in compliance from 85.8 to 85.7 per cent between 2018 and 2019, local roads in urban areas remained the road segment with the highest rates of compliance in 2019. This was in part due to decreases in compliance in the other types of road segments. The worst performing segment remained arterial roads in regional areas with compliance of only 67.4 per cent in 2019.

The long-term change in compliance has resulted in compliance remaining higher than 2016 levels across all segments, despite the slight falls in compliance in 2019.

2.4 Average speed when speeding is declining

Across the key speed zones, average speeds when speeding were lower than their 2016 levels, except in the 50km/h speed zone where it increased by 0.2km/h. This means that the excess of speed with which people were travelling has generally reduced since 2016.

Between 2018 and 2019, the average speeds at which speeders were travelling remained approximately similar across the key speed zones.

The most pronounced change in average speed when speeding occurred in the 50km/h speed zone, where the average speed when speeding increased from 57.6 to 58.2km/h between 2018 and 2019. This was primarily driven by speeding behaviour in regional areas, where average speeds when speeding increased by almost 1km/h. On the other hand, the increase of average speed when speeding in the 60km/h speed zone was largely driven by increased speeding behaviour in urban areas, while average speeds when speeding in regional areas fell.

Table 2.4: Average speed when speeding by speed zones, urban and regional, Queensland, 2016 to 2019

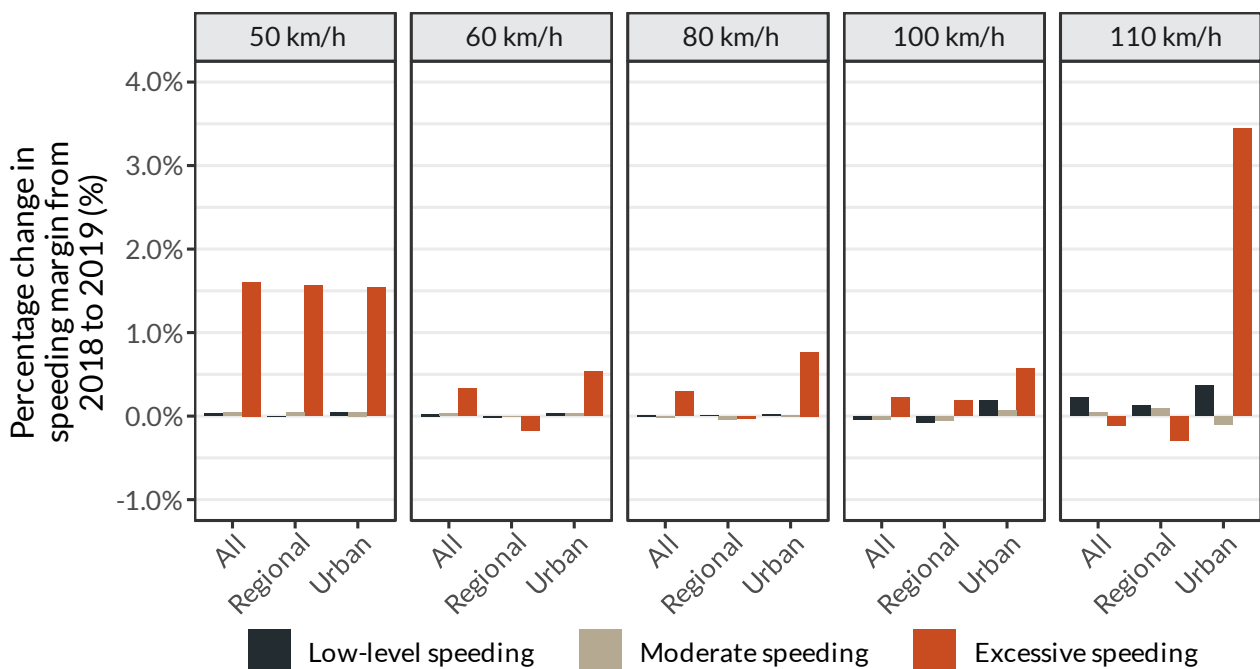
Area	Speed zone	2016	2017	2018	2019
All	50 km/h	58.0	57.7	57.6	58.2
	60 km/h	67.2	66.6	66.2	66.2
	80 km/h	88.8	87.5	86.7	86.7
	100 km/h	108.1	105.5	104.4	104.3
	110 km/h	118.3	116.6	115.1	115.4
Urban	50 km/h	57.5	57.0	57.1	57.5
	60 km/h	67.0	66.4	65.9	66.1
	80 km/h	88.6	87.1	86.0	86.1
	100 km/h	109.2	106.1	104.5	104.7
	110 km/h	118.4	116.4	115.2	115.6
Regional	50 km/h	60.8	60.6	60.1	61.1
	60 km/h	68.2	67.8	67.5	67.2
	80 km/h	89.2	88.2	87.8	87.6
	100 km/h	107.8	105.4	104.4	104.2
	110 km/h	118.2	116.7	115.1	115.3

Decomposing average speed when speeding into levels in the same manner as compliance with speed limits, underlying the small changes in average speed when speeding across the key speed zones were notable changes in excess speeding in some levels of speeding in some speed zones.

Aggregating all levels of speeding, the average speed when speeding on 50/h urban roads increased by 0.7 per cent between 2018 and 2019, but the average speed when speeding excessively on these roads increased by more than 1.5 per cent. Moreover, excessive speeding accounts for around 30 per cent of all levels of speeding in this speed zone – the highest proportion of excessive speeding across all key speed zones for urban areas. This means in the 50km/h speed zone, drivers frequently sped excessively, and the degree of their excessive speeding also intensified. This behaviour was observed in both urban and regional areas.

Average speed when speeding excessively had the greatest change among the three levels of speeding in the 60km/h, 80km/h and 100km/h urban speed zones, although the extents of change in average speed when speeding excessively were not as large as that in the 50km/h or 110km/h speed zones.

Figure 2.6: Percentage change in speeding margins by speed zones, Queensland, 2018 to 2019



2.5 Worst performing roads in Queensland from a road safety perspective

Finally, we have investigated the ‘worst’ performing roads in Queensland in terms of two metrics, namely:⁷

- the extent of non-compliance with speed limits when speeding was in excess of 10 per cent above the speed limit; and
- the average speeding margin by which the speed limits were exceeded.

To identify the worst performing roads, we aggregated road segments by road name and SA2 geographical area, and then calculated non-compliance and average speeding margin across all roads in Queensland.

Table 2.5 ranks the top ten worst performing roads from a speed safety perspective in 2019. Reviewing the worst performing roads:

- four of the ten worst performing roads in 2019 were in Greater Brisbane;
- 42 per cent the 100 worst performing roads in 2019 were in Greater Brisbane;
- Townsville was the SA4 area with the most roads in the top 100 worst performing roads (16), followed by Sunshine Coast (13); and
- most of the worst performing roads had lower speed limits (ie, 60km/h or less).

⁷ We also disregarded road segments where the number of non-compliant hours was less than 365, ie, equivalent to one hour of data for each day, and the speed limit is less than 40km/h.

Table 2.5: Worst performing speed safety roads in Queensland, 2019

Rank	Road name	Statistical area level 2
1	Sandy Creek Road	Beaudesert
2	Omara Road	Toowoomba - West
3	Peter Crosby Way	Sippy Downs
4	Frizzo Road	Buderim - South
5	Dances Road	Caboolture
6	Sandalwood Lane	Buderim - North
7	University Way	Sippy Downs
8	Donnybrook Road	Beachmere - Sandstone Point
9	Crinum Road	Central Highlands - West
10	Pacific Highway	Loganholme - Tanah Merah

Note: To calculate the rankings of the worst performing speed safety roads in Queensland, we first group the data by road name and SA2. We then calculate the number of instances where drivers exceeded the speed limit by more than ten per cent and the average speeding margin by which the speed limits were exceeded in these instances. To calculate the final rankings, we place a greater weight on the number of instances of speeding to identify those roads where speeding is most common.

Applying the above ranking, we have identified a list of the 100 'worst' roads in Queensland from a speed safety perspective (see Table A2.11).

3. Road speed performance in Greater Brisbane

- The average speed in Greater Brisbane was 37.2km/h – a 1.8 per cent fall from 2018 and 22.7 per cent lower than the average speed of 48.2km/h for the whole of Queensland.
- The speed gap between Greater Brisbane and Queensland has widened over time, from 8.1km/h in 2016 to 11.0km/h in 2019.
- In 2019, average speeds fell in lower speed zones but increased by almost two per cent in the 100km/h speed zone.
- The POSL in Greater Brisbane has remained similar to its 2018 level at 58.3 per cent – 7.6 percentage points lower than the POSL of the whole of Queensland.
- There was a large difference between the POSL observed on arterial and local roads in Greater Brisbane. In 2019, the POSL on arterial and local roads in Greater Brisbane were 74.3 and 50.6 per cent respectively, a 23.7 percentage-point gap. This gap widened slightly in 2019, compared to 2016.
- Almost all SA2 areas in the Ipswich, Logan - Beaudesert, and Moreton Bay regions had POSL greater than 50 per cent. Six SA2 areas had POSL less than 40 per cent and are all in the local Brisbane area. Each of these SA2s had a decrease in POSL in 2019.
- Compliance in Greater Brisbane remained steady at 80 per cent in 2019, remaining higher than that in Queensland by four percentage points, and higher than its 2016 level of 74 per cent.
- Compliance in Greater Brisbane was unchanged in low speed zones, but fell by two and four percentage points in 100km/h and 110km/h speed zones, respectively. The decrease in compliance was largely driven by the increase in low-level speeding.
- Average speeds when speeding across all key speed zones in Greater Brisbane in 2019 were lower than their 2016 levels. In addition, the values of excess speed are similar to those for the whole of Queensland. Average speeds of excessive speeders increased by 4.6km/h in 110km/h speed zone, but by less than 1km/h in other speed zones.

3.1 The average speed gap between Brisbane and Queensland has widened

In 2019, the average speed in Greater Brisbane was 37.2km/h – a 1.8 per cent fall from 2018 and 22.7 per cent lower than the average speed of 48.2km/h for the whole of Queensland. In addition, the speed gap between Greater Brisbane and Queensland has widened, from 8.1km/h in 2016 to 11.0km/h in 2019. The gap has widened every year since 2016. This suggests that traffic conditions in Greater Brisbane may have worsened relative to the whole of Queensland over the period from 2016 to 2019.

Table 3.1: Average speeds for key speed zones, Greater Brisbane, 2016 to 2019

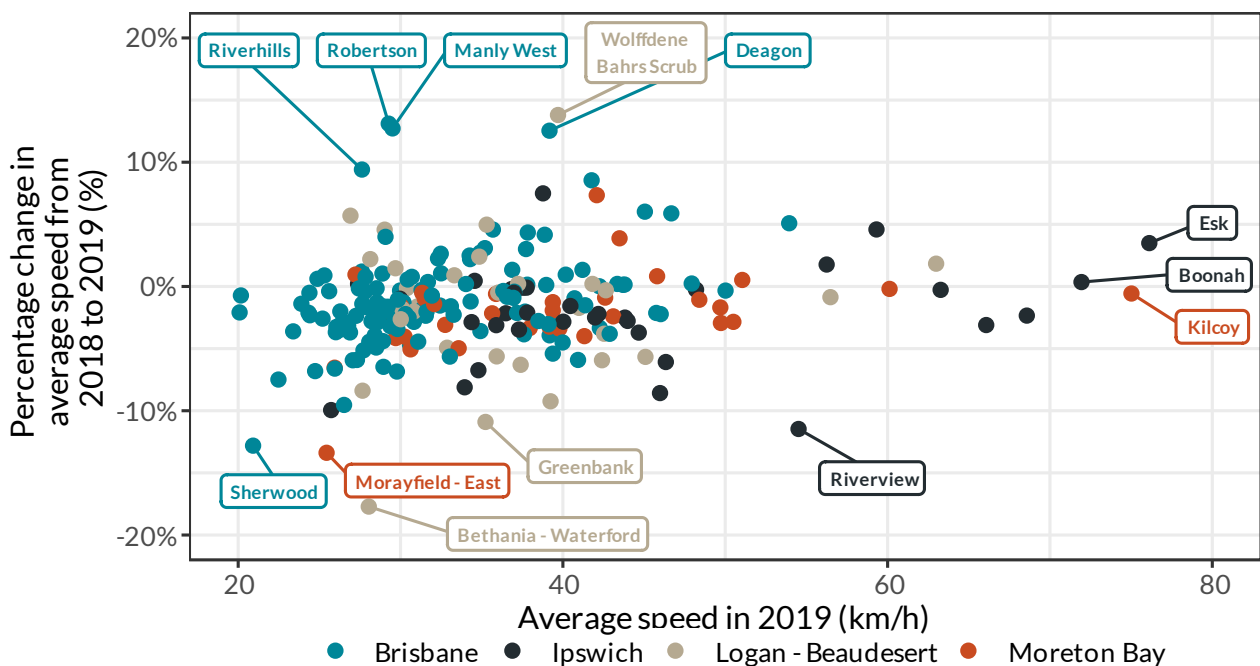
Speed zone	2016	2017	2018	2019
50 km/h	17.2	18.2	19.9	19.8
60 km/h	38.7	38.3	38.2	37.9
80 km/h	64.4	63.8	63.2	63.0
100 km/h	86.4	85.0	84.1	85.5

In 2019, average speeds fell in lower speed zones but increased by almost two per cent in the 100km/h speed zone.

Looking at the long-term trend, we note that average speeds have fallen in the key speed zones since 2016, with the exception of the 50km/h speed zone.

Average speeds are lower than the posted speed limit across all speed zones.

Figure 3.1: Average speeds and percentage changes in average speed by SA2 areas, Greater Brisbane, 2018 to 2019



Approximately 27 per cent of SA2 areas recorded increases in average speed from 2018 to 2019, with the greatest increases occurring in Wolffdene - Bahrs Scrub, Robertson, Manly West and Deagon of more than 12 per cent. Despite the high rates of change, these areas recorded relatively low average speeds of around 30 to 40km/h, which are the bounds of observed speed where 42 per cent of SA2 areas lie.

Esk, Kilcoy and Boonah recorded average speeds of more than 70km/h in 2019.

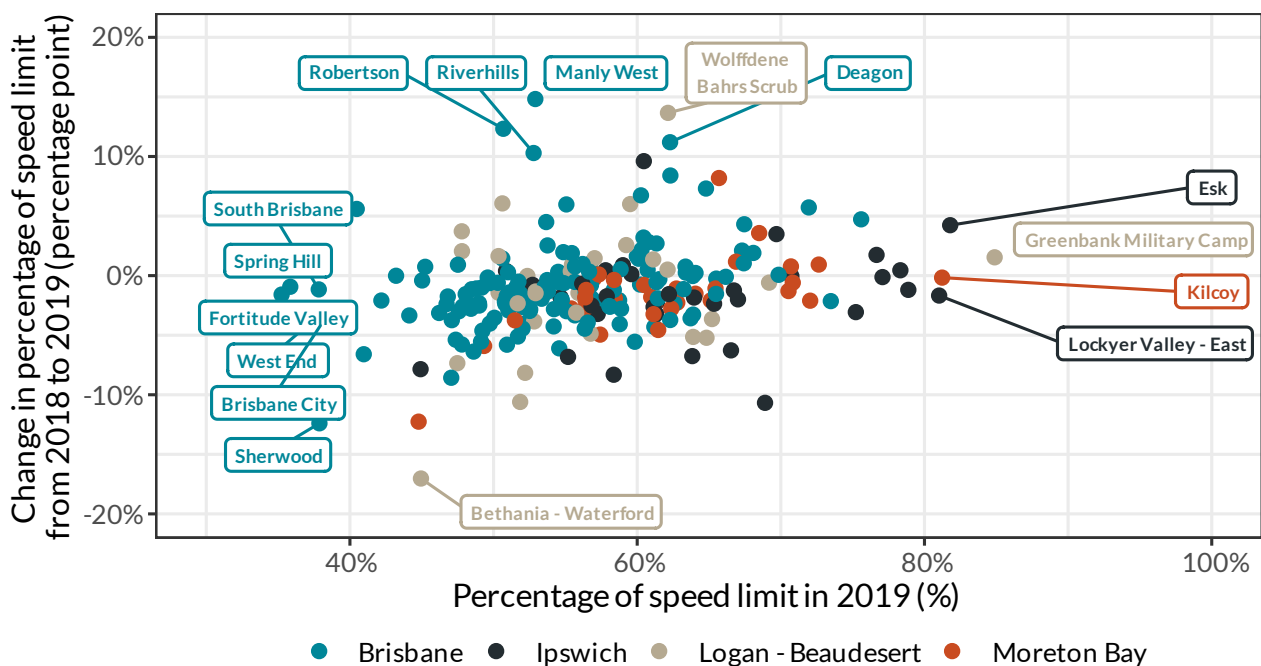
3.2 The gap in percentage of speed limits between arterial and local roads has widened in Greater Brisbane

The POSL in Greater Brisbane has remained similar to its 2018 level at 58.3 per cent – 7.6 percentage points lower than the POSL for the whole of Queensland. The absence of substantial change is consistent with what was observed in Queensland.

There was a large difference between the POSL observed on arterial and local roads in Greater Brisbane. In 2019, the POSL on arterial and local roads in Greater Brisbane were 74.3 and 50.6 per cent respectively, a 23.7 percentage-point gap. This gap widened slightly in 2019. Whereas there was no change in the POSL on arterial roads from 2018 to 2019, the POSL on local roads decreased slightly.

From 2018 to 2019, the changes in POSL on arterial roads in Greater Brisbane across all key speed zones were more consistent than changes on local roads. While the changes in POSL across all key speed zones on arterial roads spanned from a decrease of 0.2 percentage points (60km/h speed zone) to an increase of 1.3 percentage points (100km/h speed zone), the changes on local roads spanned from a decrease of 1.4 percentage points (80km/h speed zone) to an increase of 3.1 percentage points (100km/h speed zone).

Figure 3.2: POSL and percentage change in POSL by SA2 areas, Greater Brisbane, 2018 to 2019

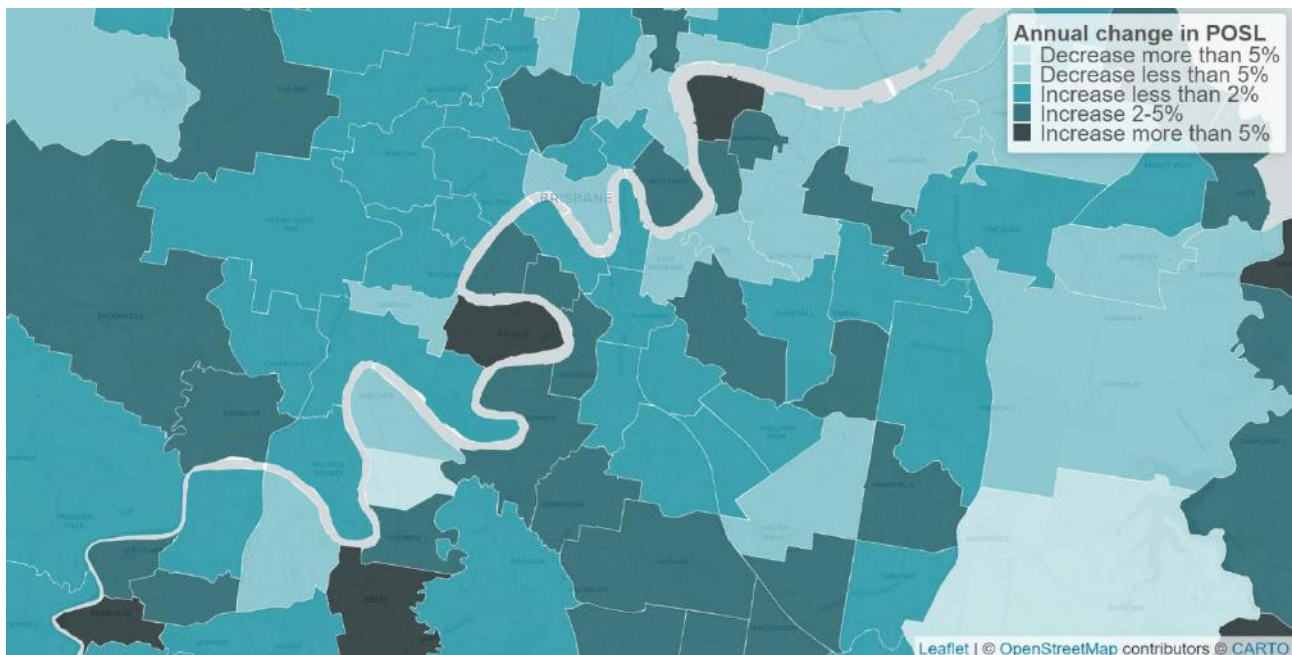


The SA2 areas with the largest improvements in POSL were Manly West, Wolffdene - Bahrs Scrub, and Robertson, and the area with the largest reduction was Bethania - Waterford. These were also the areas with the greatest changes in average speed from 2018 to 2019.

Almost all SA2 areas in the Ipswich, Logan - Beaudesert, and Moreton Bay regions had a POSL greater than 50 per cent. Six SA2 areas had a POSL less than 40 per cent and are all in the local Brisbane area. Each of these SA2s had a decrease in POSL in 2019.

On the higher end of the spectrum, there were only three areas in the Greater Brisbane region with POSL greater than 70 per cent. Greenbank Military Camp remained the SA2 area with the highest POSL in 2019 at almost 85 per cent. Esk moved from the fifth ranked SA2 to second, reflecting its increase of four percentage points in 2019.

Figure 3.3: Annual average change in percentage of speed limit by SA2 area, Greater Brisbane, 2016 to 2019

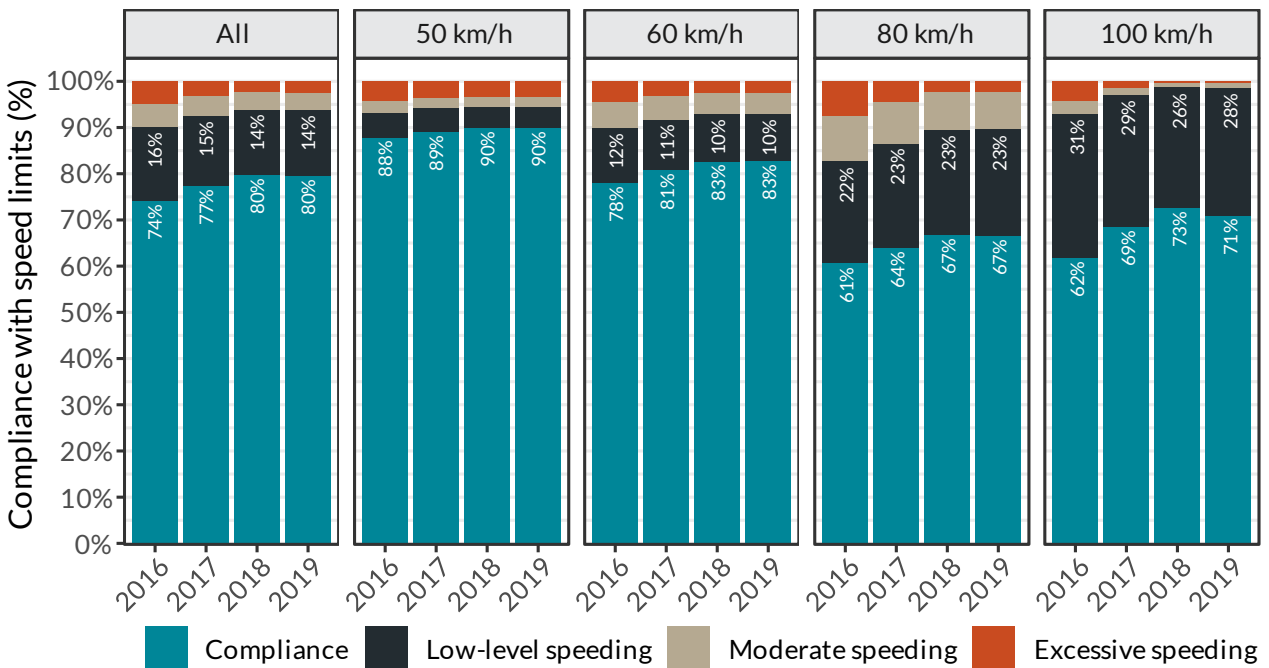


3.3 Compliance remained steady in Greater Brisbane overall but low-level speeding increased in high speed areas

Compliance in Greater Brisbane remained steady at 80 per cent in 2019, remaining higher than that in Queensland by four percentage points, and higher than its 2016 level of 74 per cent.

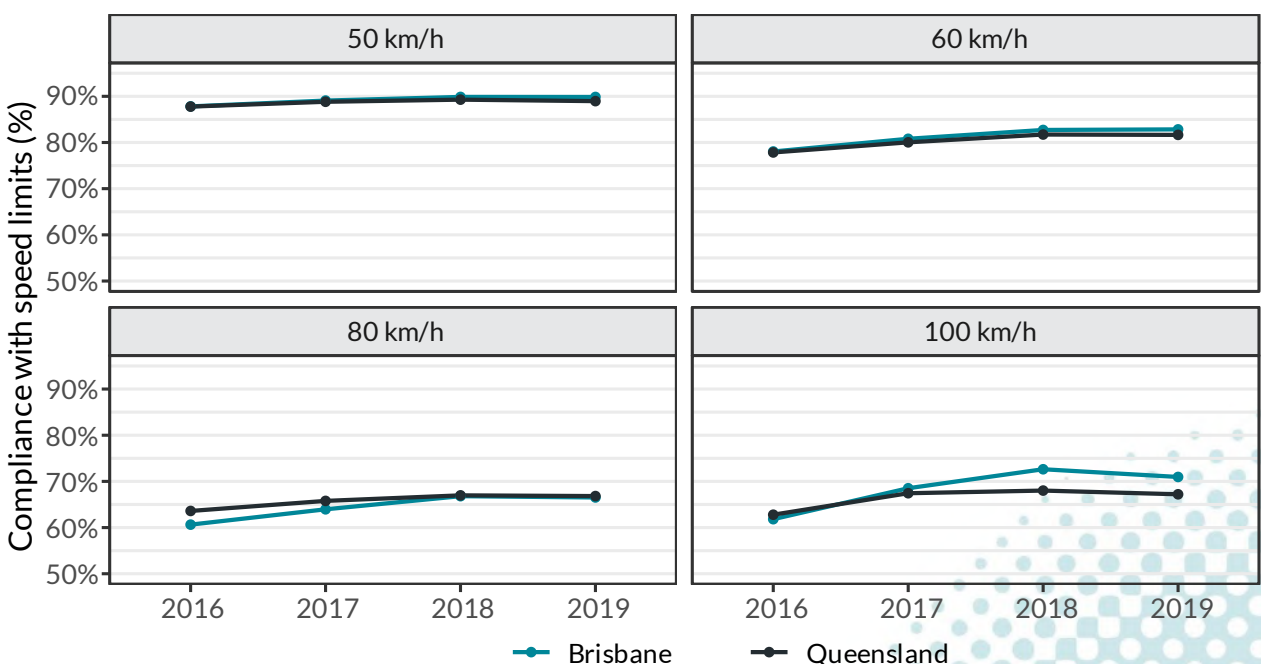
Compliance in Greater Brisbane was unchanged in low speed zones, but fell by two and four percentage points in 100km/h and 110km/h speed zones, respectively. The decrease in compliance was largely driven by the increase in low-level speeding. Excessive speeding increased by less than 0.1 per cent across all key speed zones from 2018 to 2019.

Figure 3.4: Compliance with speed limits, Greater Brisbane, 2016 to 2019



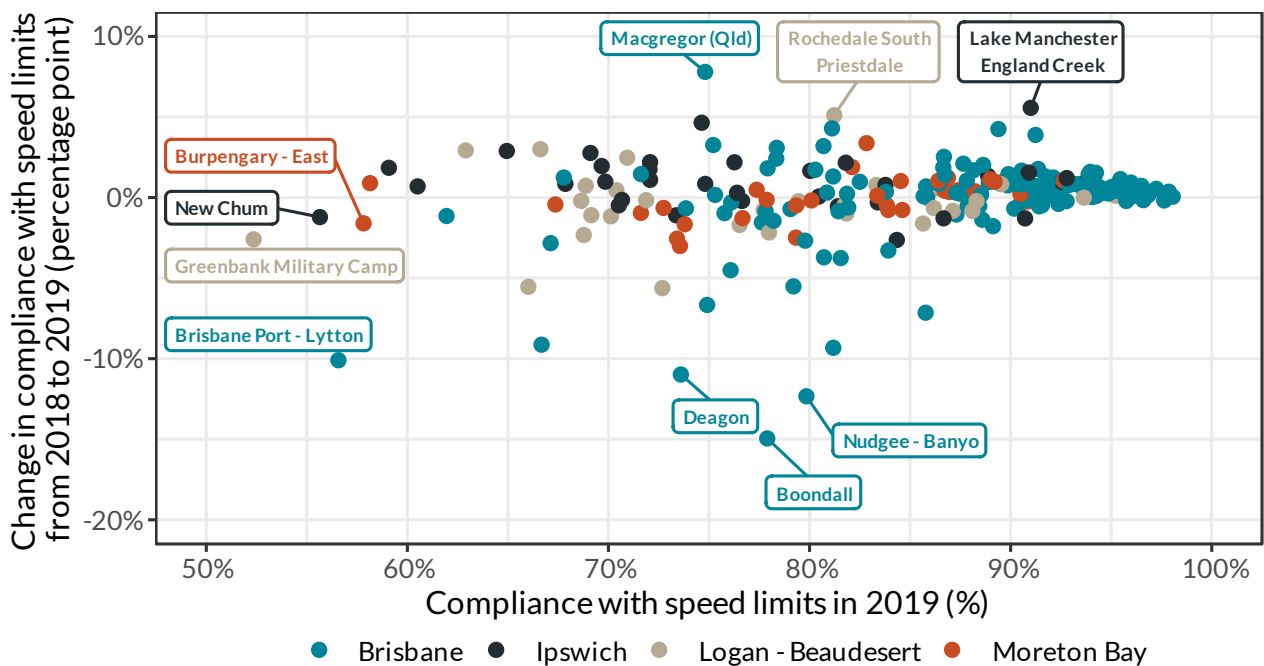
Compliance rates across the key speed zones in Greater Brisbane have been closely tracking the compliance rates in Queensland, even though the average speed in Greater Brisbane was considerably lower. This means that the proportion of roads in the entire road network in Brisbane with frequent occurrences of speeding was largely comparable to that proportion in the rest of Queensland, but drivers in Greater Brisbane complying with speed limits generally travelled at a lower speed than their fellow Queenslanders outside the Greater Brisbane area.

Figure 3.5: Comparison of compliance between Greater Brisbane and Queensland, 2016 to 2019



Further decomposition of compliance across the key speed zones by arterial and local roads shows that compliance on local roads has been higher than on arterial roads, but decreases in compliance occurred on both arterial and local roads. For example, compliance in 2019 in the 80km/h speed zone was 63 per cent for arterial roads but 76 per cent for local roads. Compliance fell slightly in this speed zone for both arterial and local roads.

Figure 3.6: Compliance and change in compliance by SA2 areas, Greater Brisbane, 2018 to 2019

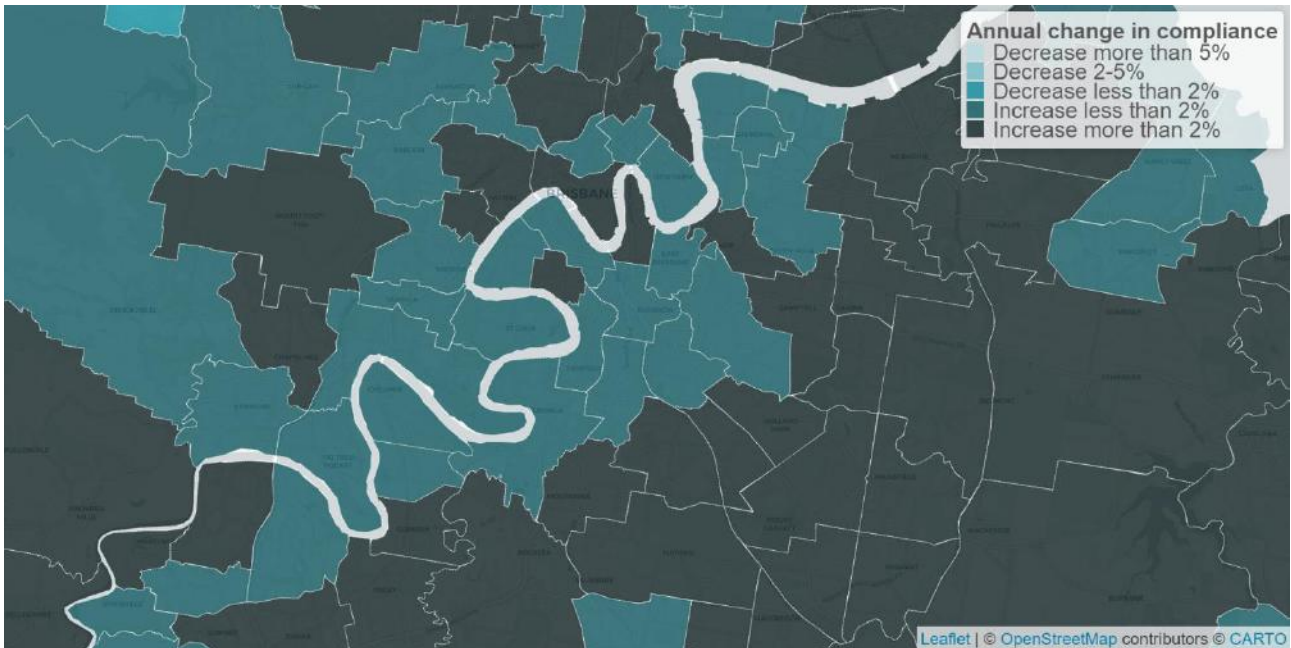


The areas in Greater Brisbane with the highest compliance were Spring Hill, Bulimba, West End, Balmoral and Sherwood, all of which are in the Brisbane local region and had compliance above 97 per cent. There were 23 areas with compliance greater than 95 per cent, up from 19 areas in 2018. The areas that increased to above 95 per cent were Taringa, Corinda, Clayfield and Wavell Heights, with 50 per cent of SA2 areas having compliance above 86.5 per cent.

The lowest complying areas were New Chum, Greenbank Military Camp, and Sheldon - Mount Cotton, which all had compliance lower than 50 per cent. There were 15 areas with compliance lower than 60 per cent, only four of which are areas in the Brisbane local region.

There were increases in compliance in 62 per cent of SA2 areas, most of which increased by less than one percentage point. The area with the highest increase was Macgregor, where compliance increased by 7.8 percentage points. Four SA2s had a decrease in compliance of more than ten per cent, being Deagon, Brisbane Port – Lytton, Nudgee – Banyo and Boondall.

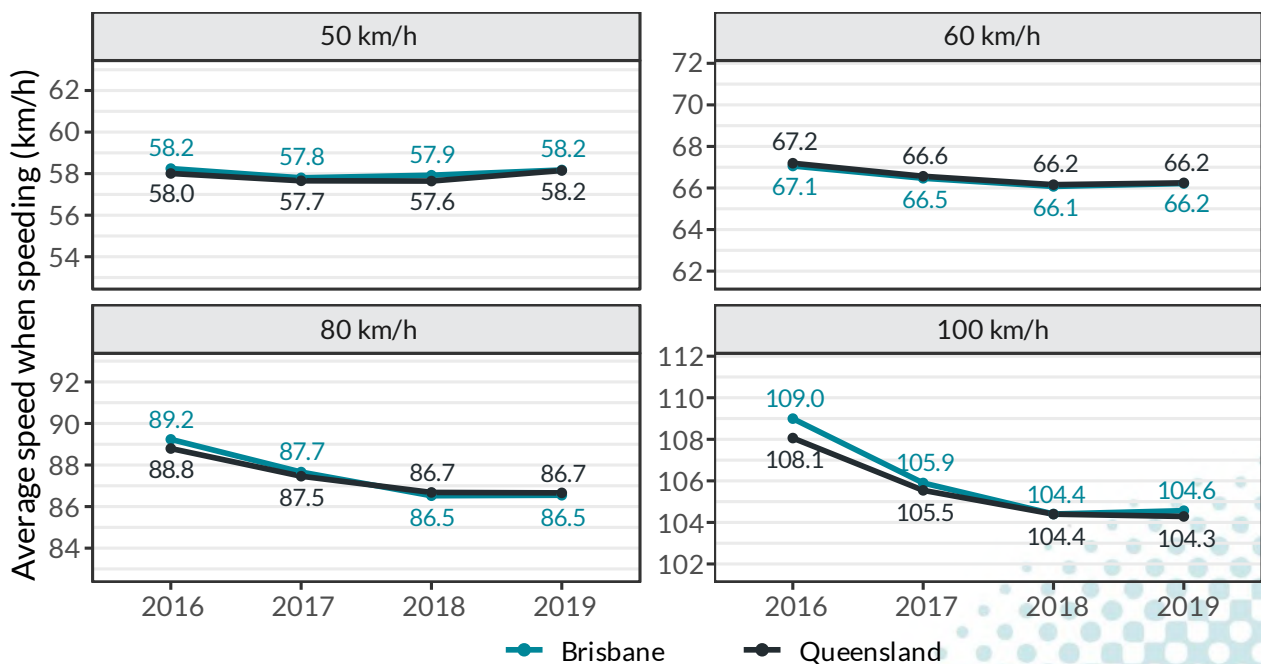
Figure 3.7: Annual average change in compliance with speed limits, Greater Brisbane, 2016 to 2019



3.4 Average speeds when speeding were lower than 2016

Average speeds when speeding across all key speed zones in Greater Brisbane in 2019 were lower than their 2016 levels. In addition, the values of excess speed are similar to those for the whole of Queensland. Average speeds when excessively speeding increased by 4.6km/h in 110km/h speed zone, but by less than 1km/h in other speed zones.

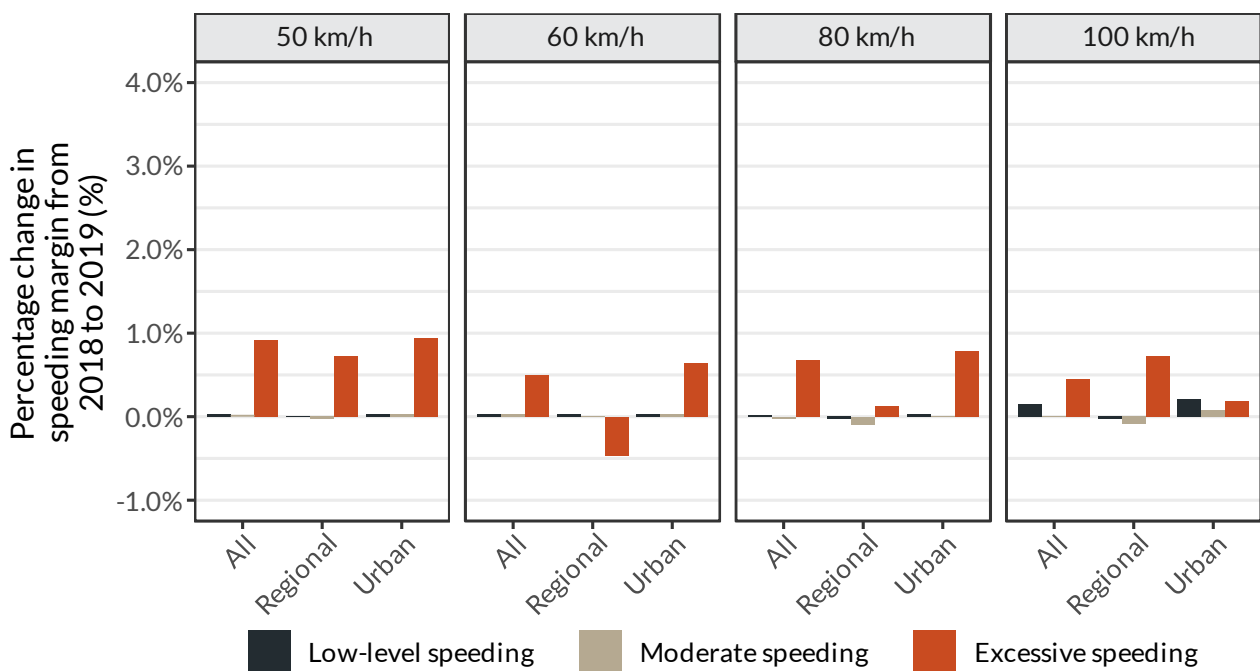
Figure 3.8: Comparison of average speed when speeding, Brisbane and Queensland, 2016 to 2019



Examining the change in average speed when speeding by levels of speeding across the key speed zones, we note that most of the patterns observed in Queensland are also comparable to Greater Brisbane, except that:

- the average speed when speeding excessively in the 50km/h speed zone increased by 0.6km/h, compared to the increase of 1.1km/h in Queensland; and
- the average speed when speeding excessively in the 110km/h speed zone increased by 4.6km, compared to the decrease of 0.2km/h in Queensland.

Figure 3.9: Percentage change in average speed when speeding, Greater Brisbane, 2018 to 2019



Greater Brisbane areas where there was the greatest improvement in excessive speeding margins were Rochedale South - Priestdale, Lake Manchester - England Creek, Enoggera Reservoir, Rochedale - Burbank, Eight Mile Plains and Munruben - Park Ridge South.

Areas where excessive speeding margins increased the most included Parkinson - Drewvale, Calamvale - Stretton, Deagon, Brisbane Port - Lytton, Wolffdene - Bahrs Scrub and Bracken Ridge.

4. Road speed performance across Queensland local government areas

- Average speeds in the 10 urban LGAs remained largely unchanged from 2018 to 2019. Noosa was the urban LGA with the highest average speed (50.2km/h), and Brisbane was the urban LGA with the lowest average speed (32.9km/h).
- Regional LGAs displayed a wide range in POSL from 16.5 per cent (Aurukun) to 91 per cent (Isaac). Almost 90 per cent of the regional LGAs had POSLs greater than 50 per cent, and 73 per cent of the regional LGAs had POSLs greater than that of Noosa – the urban LGA with the greatest POSL at 70.6 per cent. This reflects that the range in POSL among regional LGAs was slightly skewed towards the higher end of the spectrum.
- Compliance with speed limits has been relatively stable for the urban LGAs, whose compliance averaged 79.8 per cent in 2019 – a 0.2 percentage-point decrease from 2018.
- An increase in compliance of one percentage point meant only Cairns had compliance higher than 85 per cent, whereas Logan had the lowest urban compliance at 75.4 per cent, unchanged from 2018.
- Among regional LGAs, compliance increased the most in Yarrabah and decreased the most in McKinlay.

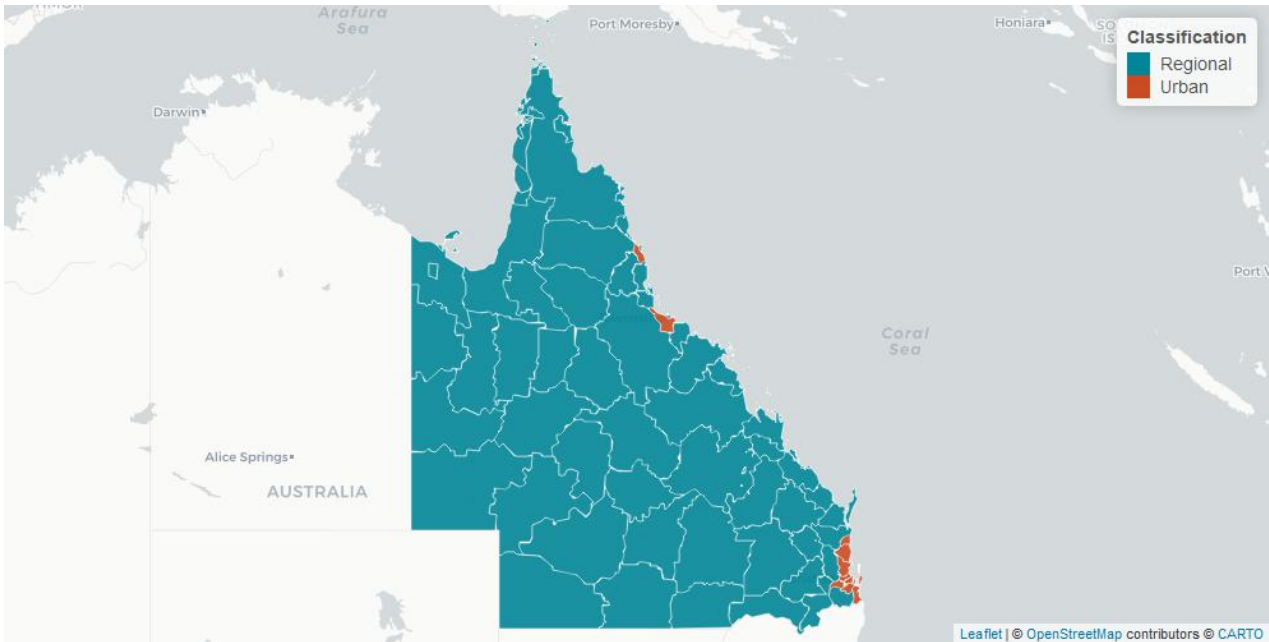
To help us understand differences in road speed performance across Queensland, we have investigated all of the speed metrics across each LGA in Queensland. This section sets out the results of our speed analysis across the Queensland LGAs.

4.1 Classification of local government areas into urban and regional

There are 78 LGAs in Queensland, with the breakdown between regional and urban set out in figure 4.1 below. We define an LGA as urban if 50 per cent of the road network (measured in kilometres) within the LGA is designated as urban.

Under this definition, ten LGAs are considered urban – Brisbane, Moreton Bay, Gold Coast, Sunshine Coast, Logan, Townsville, Ipswich, Cairns, Redland and Noosa. The remainder of the LGAs are defined as regional.

Figure 4.1: Classification of local government areas between regional and urban in Queensland

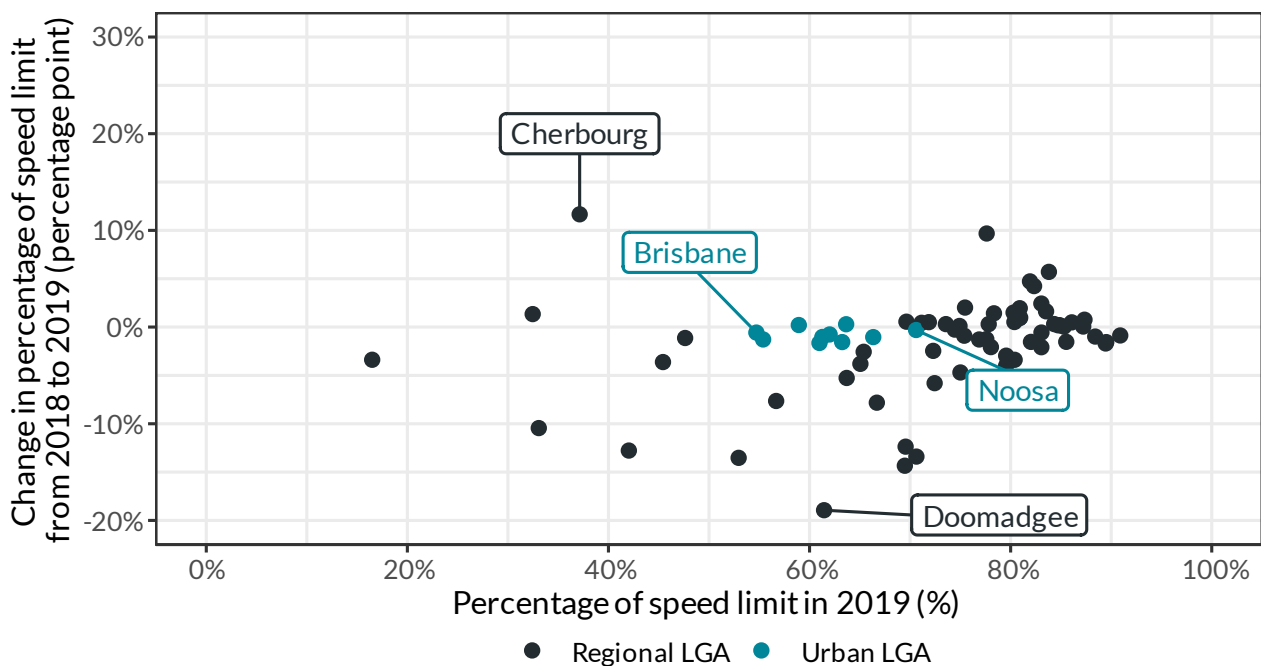


4.2 Percentage of speed limit in urban local government areas remained unchanged between 2018 and 2019

The average speeds in the 10 urban LGAs remained largely unchanged from 2018 to 2019. Noosa was the urban LGA with the highest average speed (50.2km/h), and Brisbane was the urban LGA with the lowest average speed (32.9km/h).

There was a wide range in the extent of change in average speeds among the regional LGAs. Average speed in Barcoo increased by 9.7km/h – the greatest increase, whereas average speed in Doomadgee decreased by 18.9km/h – the greatest decrease in 2019.

Figure 4.2: Percentage of speed limit by local government area, Queensland, 2019



Brisbane and Noosa remained the urban LGAs with the lowest and highest POSL in 2019 – their POSLs in 2019 were 54.7 and 70.6 per cent respectively. None of the ten urban LGAs recorded substantial changes in POSL from 2018 to 2019.

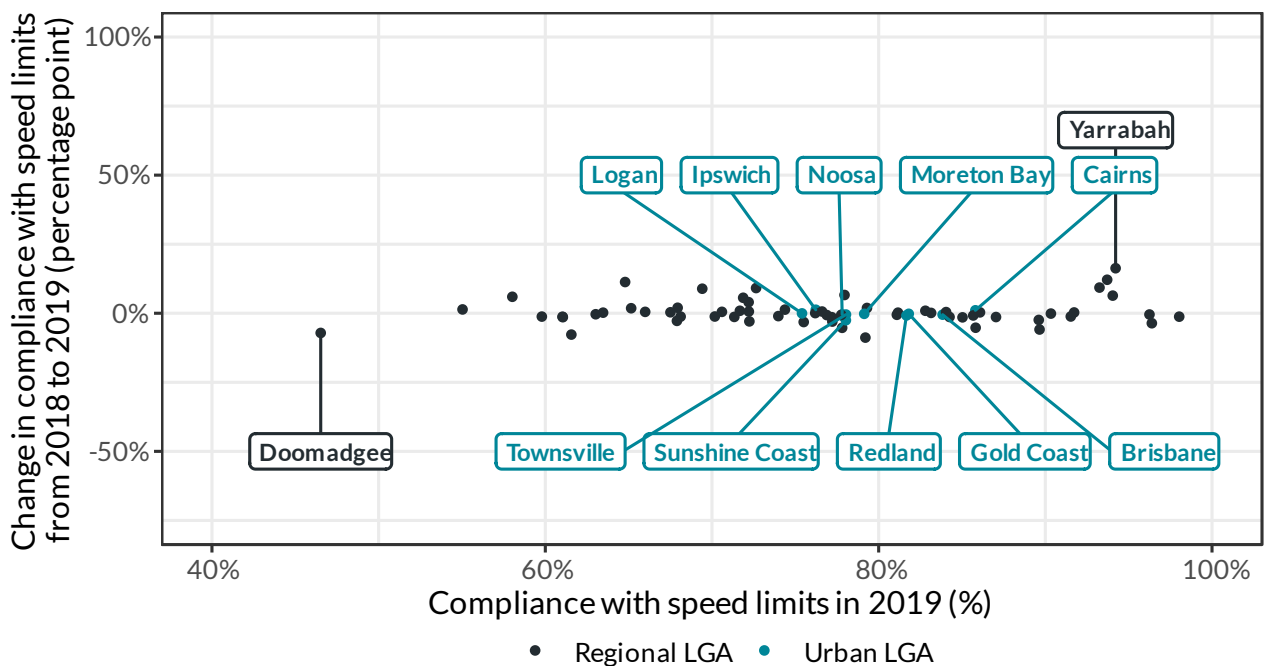
Regional LGAs displayed a wide range in POSL from 16.5 per cent (Aurukun) to 91 per cent (Isaac). Almost 90 per cent of the regional LGAs had POSLs greater than 50 per cent, and 73 per cent of the regional LGAs had POSLs greater than that of Noosa – the urban LGA with the greatest POSL at 70.6 per cent. This reflects that the range in POSL among regional LGAs was slightly skewed towards the higher end of the spectrum.

4.3 Compliance with speed limits has been stable for urban local government areas

Compliance with speed limits has been relatively stable for the urban LGAs, whose compliance averaged 79.8 per cent in 2019 - a 0.2 percentage-point decrease from 2018. An increase in compliance of one percentage point meant only Cairns had compliance higher than 85 per cent, whereas Logan had the lowest urban compliance at 75.4 per cent, unchanged from 2018.

The extent of change in compliance across three-quarters of the regional LGAs from 2018 to 2019 was within five percentage points. Compliance increased the most in Yarrabah and decreased the most in McKinlay.

Figure 4.3: Compliance with speed limits by local government area, Queensland, 2019



4.4 Individual local government area results

For each LGA, we have prepared an information page summarising road performance over time. The page includes:

- four charts, comprising of:
 - > compliance with speed limit;
 - > average speed;
 - > average speed when speeding; and
 - > percentage of speed limit ranking, which ranks each LGA by percentage of speed limit in 2019;
- four data tables which show:
 - > average speed;
 - > percentage of speed limit;
 - > compliance with speed limits; and
 - > average speed when speeding;
- key stats for the LGA, including the length of the roads network and what proportion of the network is comprised of arterial roads; and
- a map of the LGA.

Figure 4.4 below shows an example information page for Moreton Bay. One page summaries have been separately provided to TMR for each LGA.

Figure 4.4: Example local government area speed performance summary



5. Count based measures of road speed performance

- Traffic volume weighting is able to better represent performance experienced by road users than measures which do not weight by volume, which represent performance experienced 'by the network'.
- For urban roads, the count-weighted POSL is higher (usually around ten to 15 percentage points) compared to the existing methodology.
- POSL slightly improved in 2019 under this methodology after two years of decline.
- For regional roads, count-weighted POSL is around five percentage points higher than the existing methodology.
- These differences suggest that roads that are more highly driven tend to have higher POSL than those links that are less highly driven.
- Count-weighted POSL in Greater Brisbane also increased slightly in 2019 after two years of decline. Count-weighted POSL is higher than the existing methodology, especially for 50km/h roads, suggesting that drivers are travelling faster on those 50 km/h links that are more highly driven, and slower on links that are less highly driven.
- The count-weighted methodology suggested slightly lower compliance than the existing methodology in 2016, but greater compliance in 2018 and 2019. This is consistent with the observed reduction in low-level speeding on highly travelled roads, with count-weighted low-level speeding falling from 24 per cent in 2016 to 19.2 per cent in 2019.
- Both the count weighted compliance and the existing compliance metric have improved. This result would be consistent with policies and programs that target speed compliance on higher trafficked roads, over that period.
- Some LGAs, such as Cairns, show levels of compliance that are approximately the same under each weighting methodology. On the other hand, Ipswich and Moreton Bay have lower compliance under the count-weighted methodology compared to the existing methodology. This suggests that highly travelled roads in these LGAs exhibit more speeding than less travelled roads.

Measuring road speed performance using GPS probe data has emerged as a new method for monitoring road infrastructure performance across major cities within Australia. The current metrics are based on data on the average speed for a road link, aggregated to provide an indication of road speed performance across the entire road network.

A potential deficiency with the current metrics is that they do not account for the volume of traffic using each road link. This means that the current metrics represent average speed performance across the road network, with high traffic volume roads being treated equally to low traffic volume roads, as part of the averaging process. While this represents the instantaneous observed speed across the road network at any point in time, it does not necessarily represent the average speed experienced by traffic users across the road network.

This distinction can affect the interpretation of observed trends in the data. In some cases, speed performance across the road network has been improving marginally in recent years across many cities.

However, this is driven in part by improvements in road links with relatively low traffic volume. The performance as experienced by the majority of road users may not reflect this observed improvement.

As part of our previous research, we have observed that traffic volumes exhibit strong daily and hourly trends and are influenced by holiday periods. It follows that any traffic volume weighting approach should take these trends into consideration.

Considering that HERE provides information on data observations for each link, which is correlated to traffic volume, we can calculate a daily average observation weight (count weight) for each link with respect to:

- hour of the day;
- day of the week; and
- whether it is a holiday or not.

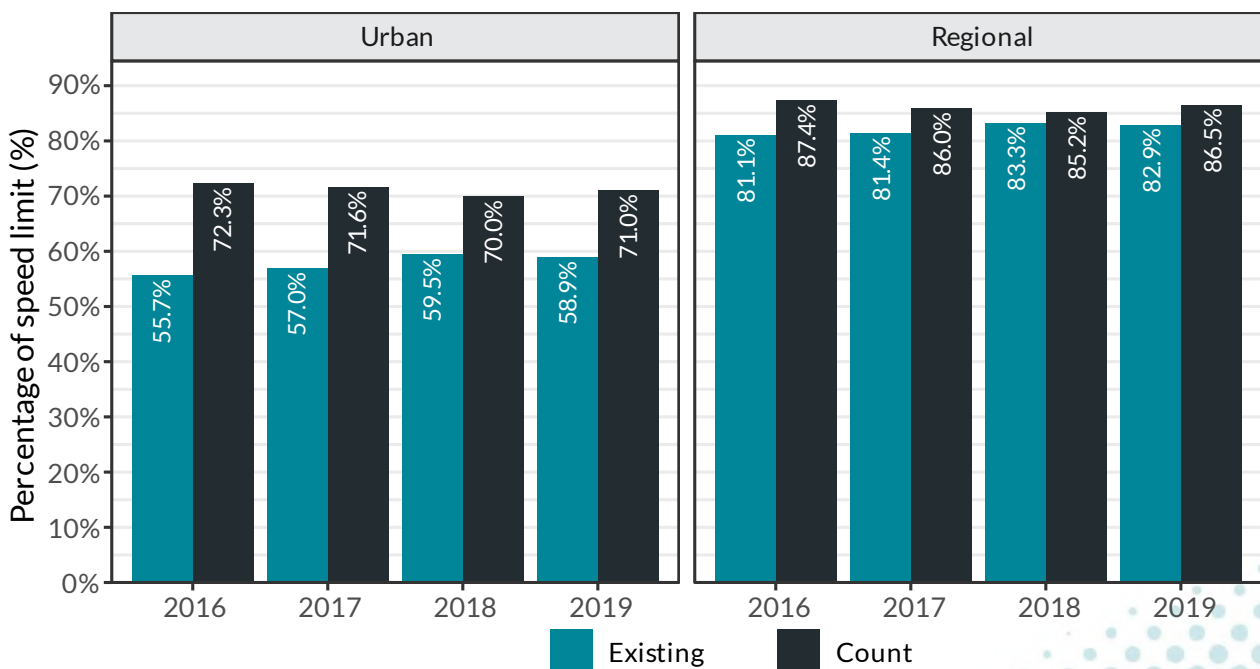
We can then use these weights in calculations of the road speed metrics.

Figure 5.1 below shows that on urban roads, the count-weighted POSL is higher (usually around ten to 15 percentage points compared to the existing methodology). It also shows that POSL slightly improved in 2019 under this methodology after two years of decline.

For regional roads, count-weighted POSL is around five percentage points higher than the existing methodology.

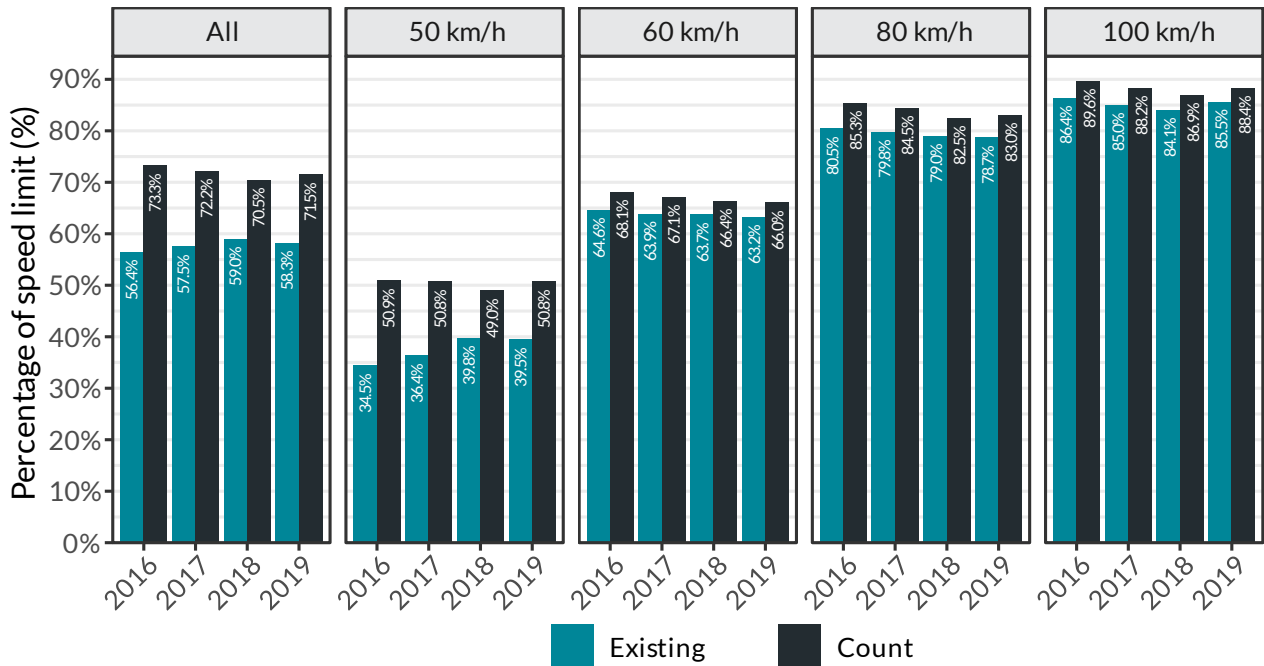
These differences suggest that roads that are more highly driven tend to have higher POSL than those links that are less highly driven.

Figure 5.1: Percentage of speed limit by urban and regional areas and weighting, Queensland, 2016 to 2019



These effects are also evident in Greater Brisbane, where there is a smaller difference between the weighting methodologies for higher speed links, but greater differences on 50 km/h links. This suggests that drivers are travelling faster on those 50 km/h links that are more highly driven, and slower on links that are less highly driven.

Figure 5.2: Percentage of speed limit by key speed zones and weighting, Greater Brisbane, 2016 to 2019

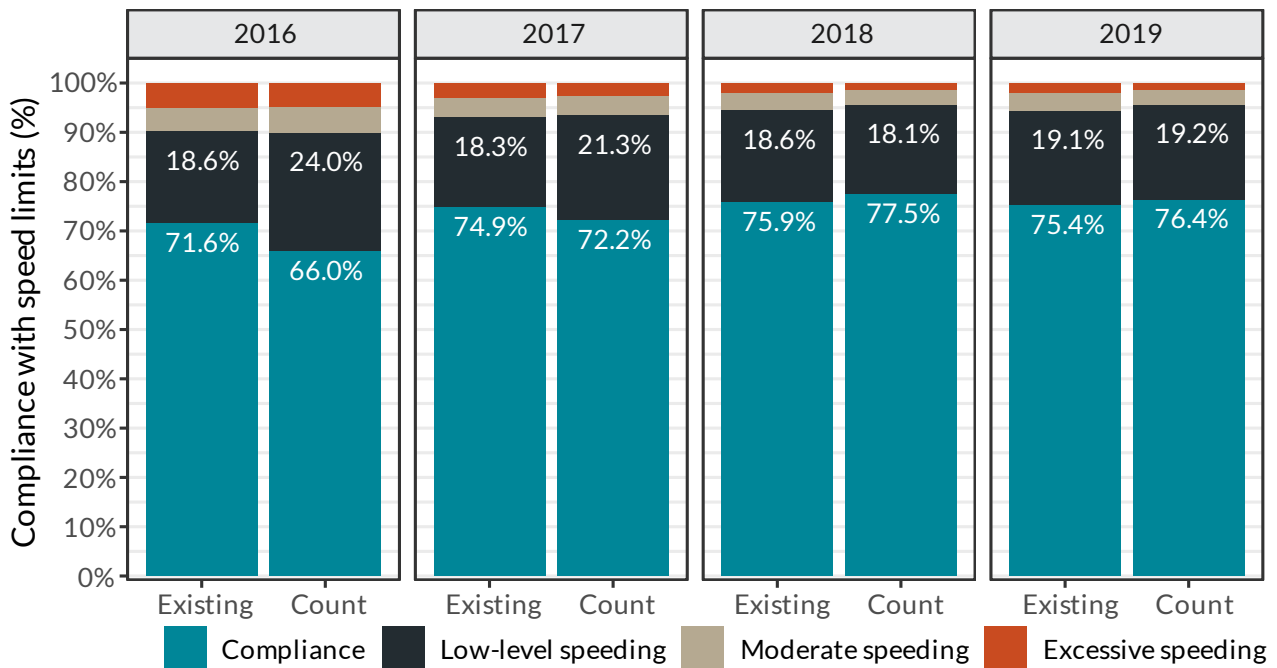


The count-weighted methodology suggested slightly lower compliance than the existing methodology in 2016, but greater compliance in 2018 and 2019. This is consistent with the observed reduction in low-level speeding on highly travelled roads, with count-weighted low-level speeding falling from 24 per cent in 2016 to 19.2 per cent in 2019.

Excessive and moderate speeding reached approximately the same levels under each methodology, but the count-weighted methodology shows relatively more low-level speeding in 2016 and 2017, with a notable reduction in 2018. This is consistent with highly travelled roads initially exhibiting slightly more low-level speeding, but policies and programs targeting speed compliance on higher trafficked roads over the period.

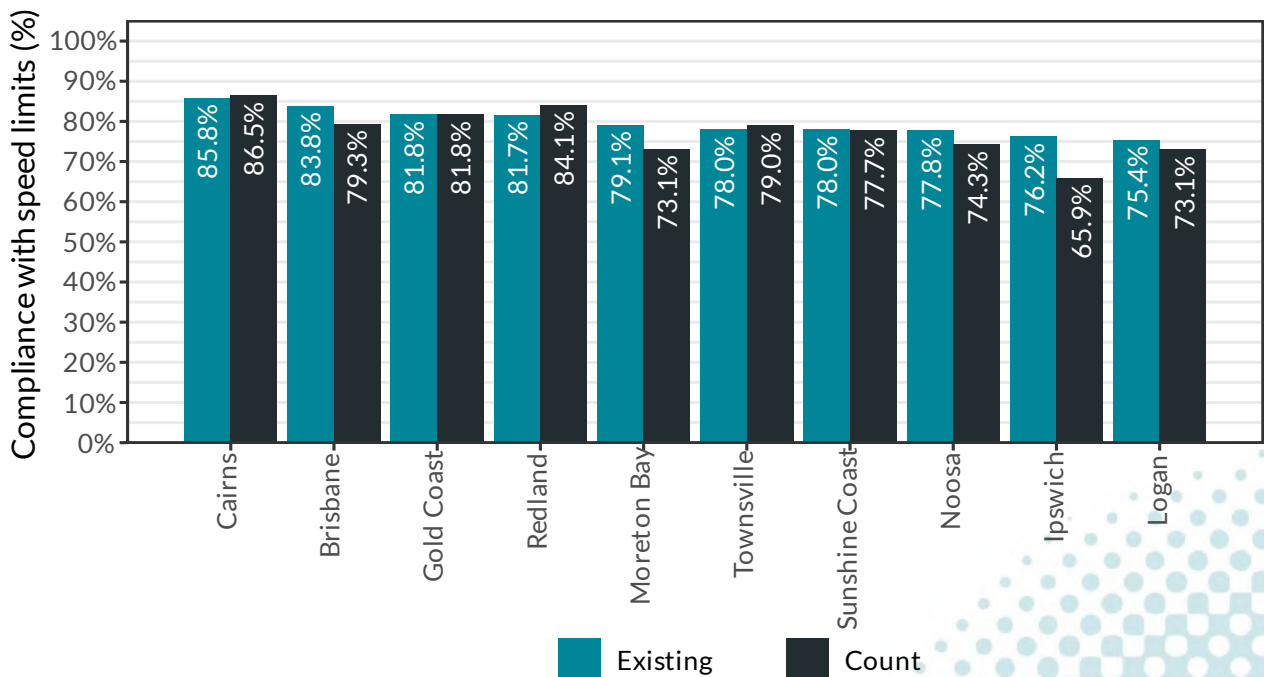
Comparing these results between 2016 and 2019, we observe that both the count weighted compliance and the existing compliance metric have improved. This result would be consistent with policies and programs that target speed compliance on higher trafficked roads, over that period.

Figure 5.3: Compliance with speed limits by weighting, Queensland, 2016 to 2019



These differences in compliance also flow through to LGAs. Figure 5.4 below shows that some LGAs, such as Cairns, show levels of compliance that are approximately the same under each weighting methodology. On the other hand, Ipswich and Moreton Bay have lower compliance under the count-weighted methodology compared to the existing methodology. This suggests that highly travelled roads in these LGAs exhibit more speeding than less travelled roads.

Figure 5.4: Urban LGAs ranked by compliance with speed limits, by weightings, 2019



6. Road speed performance for passenger vehicles and trucks

- Trucks achieve substantially higher POSL than passenger vehicles across both urban and regional areas.
- In Greater Brisbane, POSL has declined for passenger vehicles in the 60km/h, 80km/h and 100km/h speed zones but remained steady for trucks.
- Although POSL is consistently greater for trucks than passenger vehicles, the data show that trucks were more compliant with speed limits than passenger vehicles in 2016 and 2017. However, improvements in compliance for passenger vehicles, coupled with a slight decline in compliance for trucks have resulted in higher compliance for passenger vehicles in 2018 and 2019.
- Over the period 2016 to 2019, trucks have become slightly less compliant each year, while compliance for passenger vehicles peaked in 2018 at 80.5 per cent and reduced slightly in 2019 to 80.3 per cent.
- Compliance in most urban LGAs in Queensland was higher for passenger vehicles than trucks in 2019, but was lower in Brisbane, Gold Coast and Townsville.

HERE provides speed data for passenger vehicles and trucks separately. This allows us to analyse road performance by vehicle type.

Figure 6.1 shows that in both urban and regional areas, trucks achieve substantially higher POSL than passenger vehicles.

Figure 6.1: Percentage of speed limit by urban and regional areas and vehicle, Queensland, 2016 to 2019

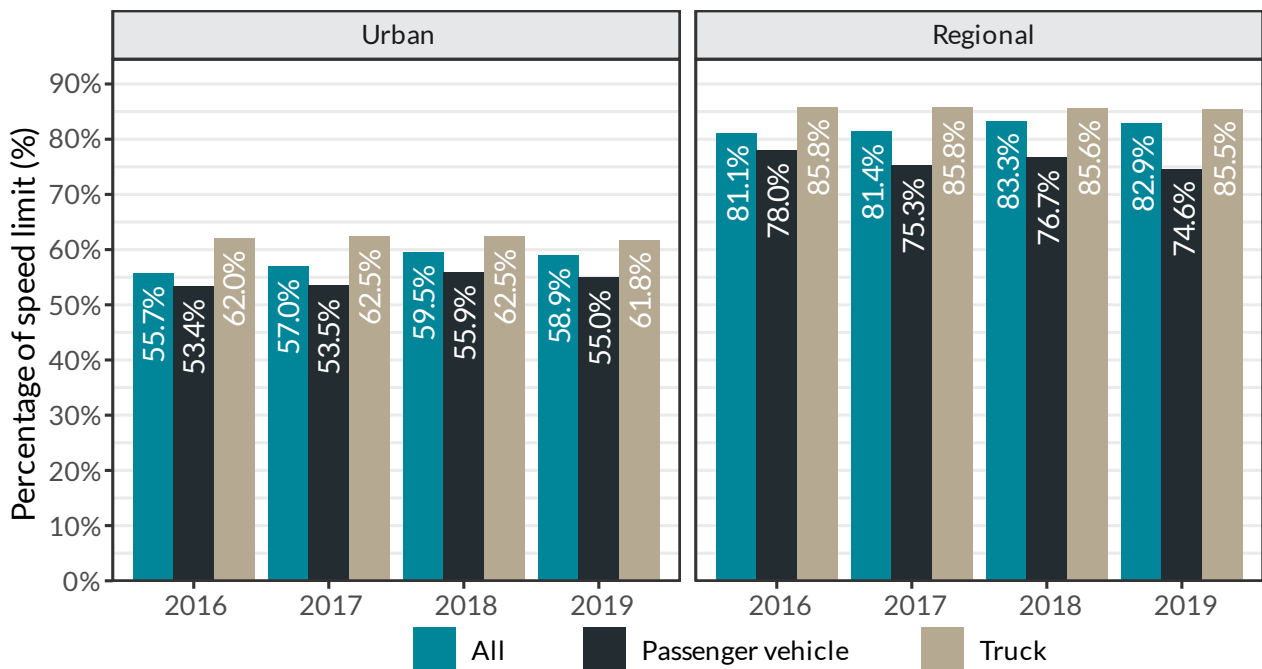
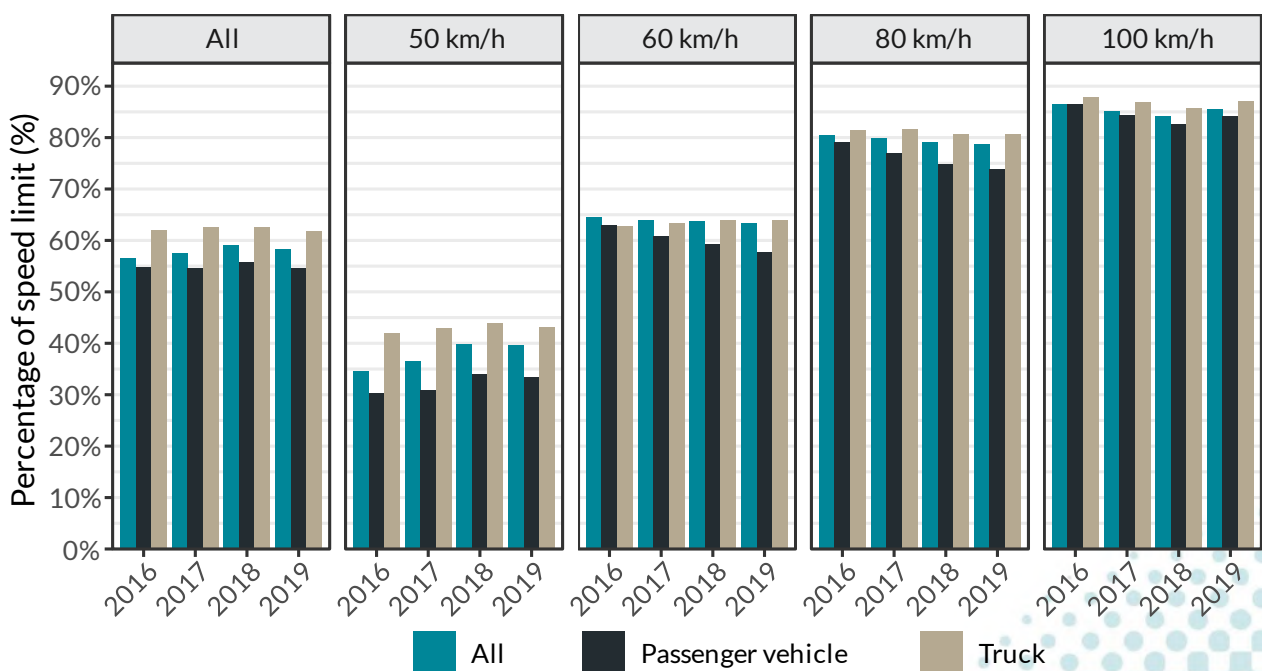


Figure 6.2 shows that in Greater Brisbane, POSL has declined for passenger vehicles in the 60km/h, 80km/h and 100km/h speed zones but remained steady for trucks.

Figure 6.2: Percentage of speed limit by key speed zones and vehicle, Brisbane, 2016 to 2019

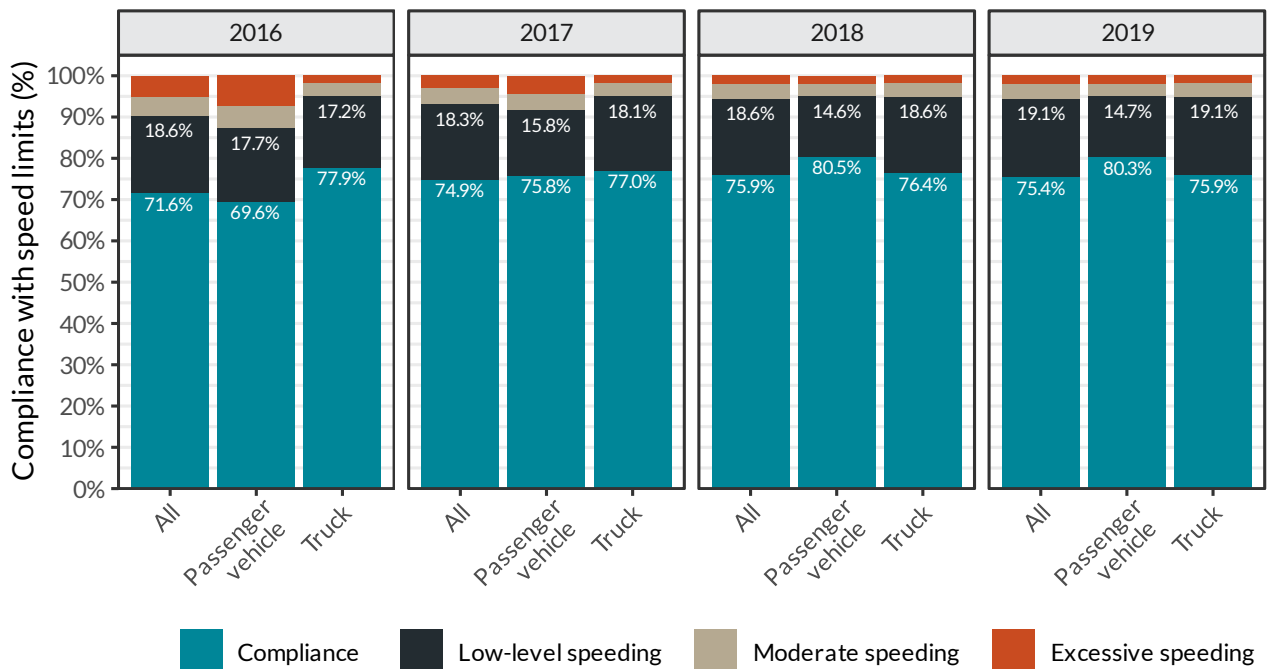


Although POSL is consistently greater for trucks than passenger vehicles, the data show that trucks were more compliant with speed limits than passenger vehicles in 2016 and 2017. However, improvements in

compliance for passenger vehicles, coupled with a slight decline in compliance for trucks have resulted in higher compliance for passenger vehicles in 2018 and 2019.

Over the period 2016 to 2019, trucks have become slightly less compliant each year, while compliance for passenger vehicles peaked in 2018 at 80.5 per cent and reduced slightly in 2019 to 80.3 per cent.

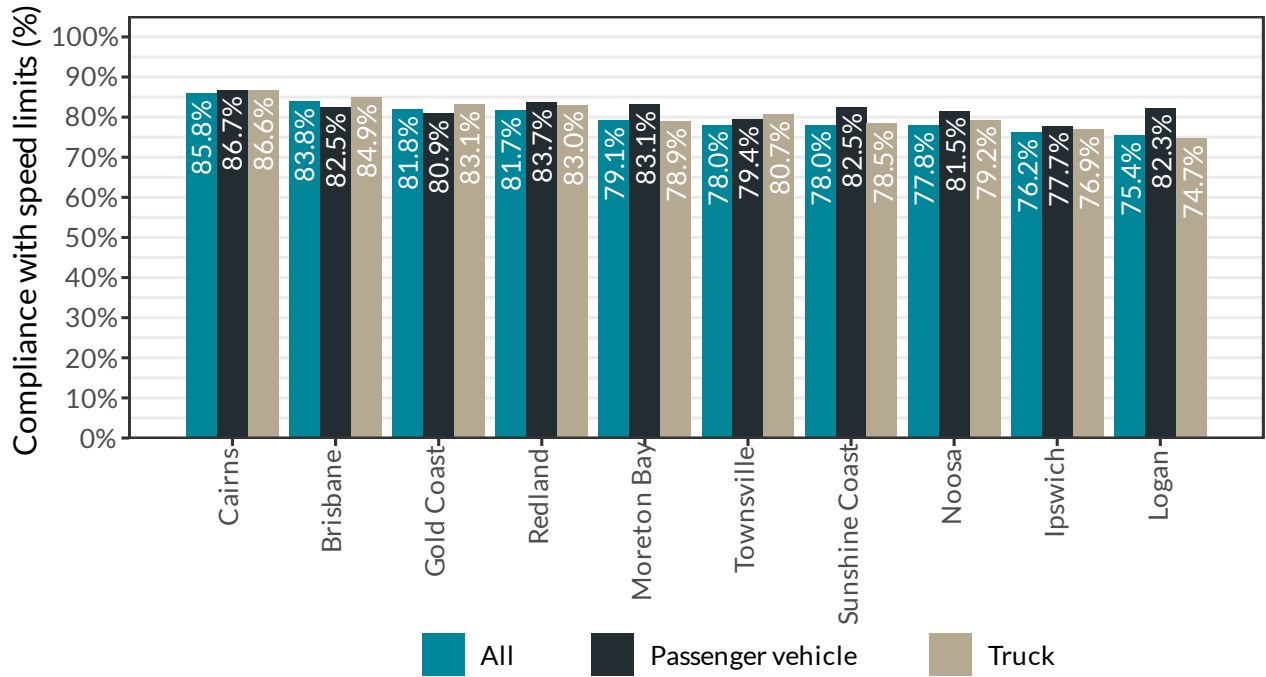
Figure 6.3: Compliance with speed limits by vehicle type, Queensland, 2016 to 2019



This observation is consistent with the corresponding LGA-level results. Figure 6.4 below shows that compliance in most urban LGAs in Queensland was higher for passenger vehicles than trucks in 2019, but was lower in Brisbane, Gold Coast and Townsville.



Figure 6.4: Urban LGAs ranked by compliance with speed limits, by vehicle type, 2019



A1. Speed survey methodology

In this section, we set out our methodology for using speed probe data to undertake TMR's annual road speed survey. We commence by outlining the objectives for TMR's speed survey, before describing the HERE probe data, our proposed geospatial and time dimensions for the analysis, and the road network speed metrics.

A1.1 Speed survey objectives

We understand that the objective of the annual speed survey is to provide internal and external stakeholders with insights on traffic speeds across the road network for a given year and in comparison to previous years. This information is intended to provide insights on:

- trends in speed performance over time across the entire Queensland road network, and within specific area locations;
- the overall effectiveness of programmes or investments that might have affected traffic speed performance outcomes; and
- locations for possible organisational focus for future programmes or investments to improve future speed performance.

Our speed survey methodology using probe data has been designed to meet these objectives.

A1.2 Description of the HERE speed probe data

HERE Technologies is a leading global navigation system mapping company, developing open location platform technologies that enable people, enterprises, and cities to harness the power of locational information and create innovative solutions.

Originally founded as NAVTEQ more than 30 years ago, the company transforms information from devices, vehicles, infrastructure and other sources into real-time location information. Currently majority owned by a consortium of German automotive companies, the company provides mapping and location services to some of the largest automotive companies in the world (such as BMW, Mercedes, Hyundai, Volkswagen and Toyota).

HERE traffic speed data is built on a database of over one trillion GPS data points, and is available across all roads in 57 countries, including the entirety of Australia. TMR has a licence to use HERE's traffic speed data for the Queensland road network for the period 2014 to the present.

The HERE speed data is provided at a road link level across the entire road network, inclusive of highways, arterial roads, and local roads. A road link is defined as the length of road between any two intersections, and so the link length depends on the specific topography of the road network.

For each road link, speed data is available on five, 15 and 60-minute intervals, and for each direction of traffic flow, as appropriate. The specific data fields contained within the HERE traffic speed dataset include:

- average speed;
- confidence indicator;
- minimum and maximum speeds;
- standard deviation of speeds;
- length of the link;
- speed limit;

- vehicle type, ie, passenger vehicle (car) or truck;⁸
- sample count; and
- speed percentiles, in five per cent bands.

HERE data currently has more than one million road links defined across the Queensland road network. Road links are categorised into functional classes ranging from Class 1 (high volume, maximum speed traffic) to Class 5 (very low volume of traffic). Full descriptions are available in Table A1.1 below.

Table A1.1: Definition of all road functional classes

Functional road class	Functional road class description
1	These roads are meant for high volume, maximum speed traffic between and through major metropolitan areas. There are very few, if any, speed changes. Access to this road is usually controlled.
2	These roads are used to channel traffic to Main Roads (FRC1) for travel between and through cities in the shortest amount of time. There are very few, if any speed changes.
3	These roads interconnect First Class Roads (FRC2) and provide a high volume of traffic movement at a lower level of mobility than First Class Roads (FRC2).
4	These roads provide for a high volume of traffic movement at moderate speeds between neighbourhoods. These roads connect with higher Functional Class roads to collect and distribute traffic between neighbourhoods.
5	These roads' volume and traffic movements are below the level of any other road.

Source: *HERE*

We have defined links that are categorised as functional class 1, 2 or 3 and have a speed limit greater than 50 km/h as 'arterial roads', and all other links as 'local roads'. Figure A1.1 shows the map of Queensland with roads in functional class 1 and 2 highlighted in red, and class 3 highlighted in orange.

⁸ We understand that vehicles are classified based on the supplier of the GPS probe data. For example, all of supplier A's GPS probes would be classified as the same type of vehicle (eg, trucks), regardless of the actual vehicle type.

Figure A1.1: Map of proposed arterial road definition in Queensland



A1.3 Geospatial and time dimensions for the speed survey

The availability of traffic speed data at a road link and five-minute time period, gives us flexibility to choose the geospatial and time aggregation dimensions for reporting within the speed survey. Given the objectives for the survey and its current format, we aggregate the data for:

- Greater Brisbane;
- urban and regional areas;
- local government areas (LGA);
- roads with the same speed limits; and
- calendar year.

In our opinion, this approach strikes the best balance of reporting detail to provide wide coverage of traffic speed trends across the Queensland network. That said, the speed survey results provide insights to inform subsequent, more detailed investigations of speed on point-to-point routes or other geospatial areas, as required.

HERE speed data is available for five-minute, 15-minute and 60-minute periods. We have used the 60-minute aggregated data provided by HERE to generate the proposed yearly metrics for the speed survey. This approach decreases the volume of data that needs to be managed, while also minimising the amount of missing observations on less busy roads. In our opinion, 60-minute intervals are more than appropriate for the purposes of the annual speed survey.

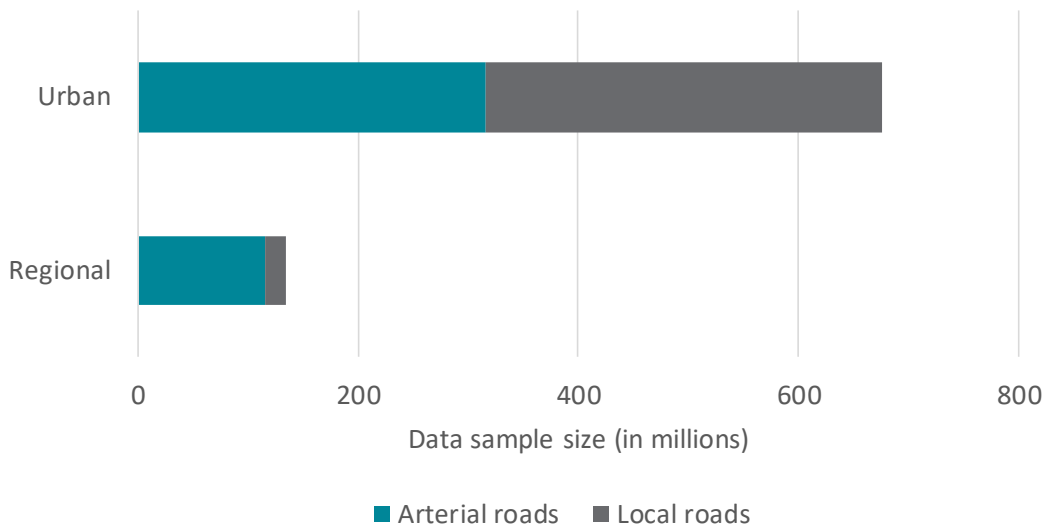
For the purposes of classifying geographical areas as urban or regional, we use the Significant Urban Area (SUA) structure of the Australian Statistical Geography Standard (ASGS).⁹ Significant Urban Areas are defined as significant towns and cities of 10,000 people or more. They are based on the Urban Centres and Localities (UCL), but are defined by the larger Statistical Areas Level 2 (SA2s). A single SUA can represent either a single Urban Centre or a cluster of related Urban Centres.

Based on this definition, urban areas include Brisbane, Bundaberg, Cairns, Emerald, Gladstone – Tannum Sands, Gold Coast – Tweed Heads, Gympie, Hervey Bay, Highfields, Mackay, Maryborough, Mount Isa, Rockhampton, Sunshine Coast, Toowoomba, Townsville, Warwick and Yeppoon.

Over the analysis period, on average, urban areas represent 83 per cent of the observations. Figure A1.2 illustrates the average size of the dataset for each road classification within the geographical area groupings and road type (arterial or local).

⁹ See ABS, *Australian statistical geography standard (ASGS) volume 4*, cat. no. 1270.0.55.004, available at <http://www.abs.gov.au/ausstats/abs@.nsf/mf/1270.0.55.004>.

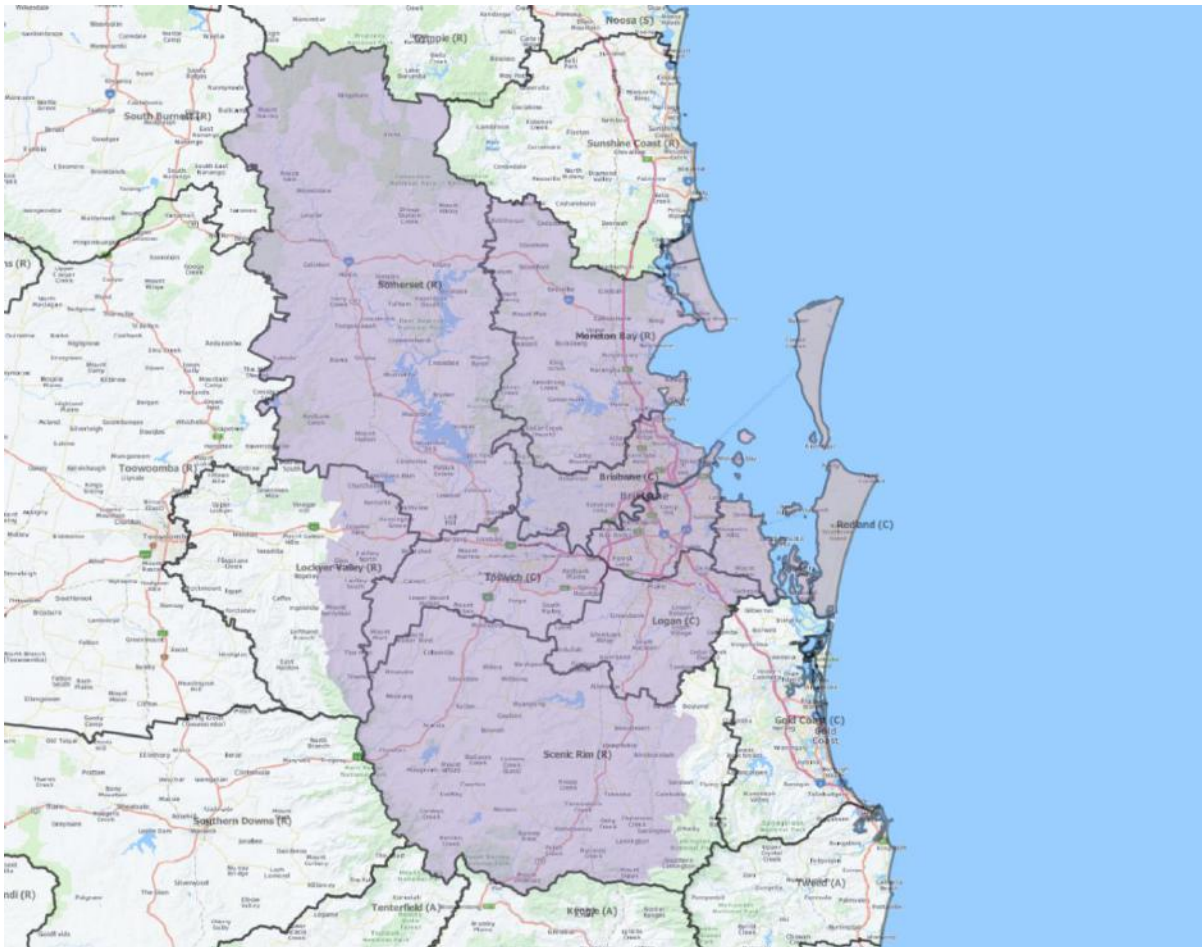
Figure A1.2: Data sample sizes across urban and regional areas, 2017



In addition to the aggregations described above, for the completeness of the report, we have provided summarised metrics for Greater Brisbane using the Australian Statistical Geography Standard (ASGS). Specifically, the Greater Capital City Statistical Area (GCCSA) captures a much wider area than the LGA definition and provides a more accurate picture of the road network for the capital city.¹⁰ We have used the GCCSA definition for Greater Brisbane as it is consistent with how other agencies report speed performance results for capital cities.

¹⁰ See ABS, *Australian statistical geography standard (ASGS) volume 1*, cat. no. 1270.0.55.001, available at <http://www.abs.gov.au/AUSSTATS/abs@.nsf/mf/1270.0.55.001>.

Figure A1.3: Greater Brisbane compared to local government area definitions



A1.4 Traffic speed survey metrics

We report four key speed metrics for the survey, namely:

- average speed;
- percentage of speed limit;
- compliance with speed limit; and
- average speed when speeding

We explain these metrics in greater detail below.

Average speed

HERE data provides, for each road link, an average speed of all vehicles driving on that link during that hour, as well as the length of that link. Since speed is defined as distance travelled per unit of time, we also calculate average travel time for that link.

To calculate an average speed for more than one link (whether that is a route, an LGA, or for the entire road network), we simply divide the total distance travelled by the total travel time.

Equation 1 sets out the formula to estimate average speed for a given geospatial area or set of road links.

Equation 1: Average speed for a given area

$$Average\ speed_{time\ period(t)}^{area(link)} = \frac{\sum_{t=1}^m \sum_{link=1}^n length_{link}}{\sum_{t=1}^m \sum_{link=1}^n travel\ time_{link}}$$

Where:

- *length* is the length of a road link in kilometres;
- *travel time* is the average implied travel time calculated from the average speed and length of the link
- *area* is a defined set of road links within a geospatial area (eg, an LGA). The set of road links may be further grouped into those with the same speed limit;
- *time period* is the period over which average speed is being aggregated, (eg, 2017);
- *t* is an hour within the *time period*;
- *m* is the number of hours within the defined *time period*.
- *link* is a road link within the defined *area*; and
- *n* is the total number of road links within the defined geospatial area.

Percentage of speed limit

Comparisons of average speed between areas provide relatively little insight on road performance because observed differences are likely to reflect both differences in the combination of speed limits within the road network of the area, as well as road congestion and configuration.

This problem can be addressed in two ways, namely by reporting:

- average speed of road links grouped by speed limit, thereby allowing roads with the same underlying speed limit to be compared between areas; and
- the percentage of speed limit (POSL), which normalises the observed speed by the speed limit of the road link thereby allowing aggregation and comparisons to be made between areas.

Our methodology for estimating and then aggregating POSL is set out below in equation 2 and equation 3, respectively.

Equation 2: POSL for a link

$$POSL_{link}^t = \frac{average\ speed_{link}^t}{speed\ limit_{link}}$$

Equation 3: POSL for a given area

$$POSL_{time\ period(t)}^{area(link)} = \frac{\sum_{t=1}^m \sum_{link=1}^n POSL_{link}^t \times time\ travelled_{link}}{\sum_{t=1}^m \sum_{link=1}^n travel\ time_{link}}$$

Each variable has the same meaning as in equation 1.

POSL allows for speed comparisons to be made between different areas or road links within the Queensland road network, taking into account differences in the speed limits of roads and lengths of links within the area.

Compliance with speed limits

The HERE probe data provides data on the speed distribution for each road link, for the given time period, ie, hour. From this data, we can estimate the proportion of hours where part of the distribution exceeds the speed limit. This would be a measure of the frequency of time periods whereby a portion of traffic is speeding.

We are proposing to calculate an incidence of speeding by using the 85th percentile of speed distribution compared against the speed limit for each link within a defined area, as using the length of those links, calculate the proportion of speeding roads. Our methodology for estimating the proportion of speeding roads is set out below.

We then calculate the proportion of speeding roads as set out in equation 4.

Equation 4: Proportion of speeding roads

$$\text{Proportion of speeding roads}_{\text{time period}(t)}^{\text{area}(\text{link})} = \sum_{\text{link}=1}^n \frac{C(\text{hours}) \times \text{length}_{\text{link}}}{m \times \sum_{\text{link}=1}^n \text{length}_{\text{link}}}$$

Where:

- $C(\text{hours})$ is the number of hours t across the *time period* where the *average speed (85th percentile)* for a *link* is greater than the speed limit for that *link*;
- m is the total number of hours within the *time period*; and
- length is the length of each *link* within the *area*.

Compliance with speed limits is the proportion of roads, by length, where there were no incidences of speeding. Compliance with speed limits is simply calculated as set out in equation 5.

Equation 5: Compliance with speed limits

$$\text{Compliance with speed limits}_{\text{time period}(t)}^{\text{area}(\text{link})} = 1 - \text{Proportion of speeding roads}_{\text{time period}(t)}^{\text{area}(\text{link})}$$

Compliance with speed limits allows comparisons to be made between areas taking into account the relative length of roads between the areas.

Finally, we are also proposing to decompose this metric into proportions based on the observed number of hours where the 85th percentile speed is:

- up to ten per cent over the link speed limit;
- ten to 20 per cent over the link speed limit; and
- more than 20 per cent over the link speed limit.

Average speed when speeding

The final proposed metric represents the implied average speed of an 'average speeder' during speeding hours. Often it is expressed as a percentage, representing the margin by which the speed limits have been exceeded when speeding.

It is calculated using the mean of the 85th percentile and maximum speeds for those hours when the 85th percentile speed exceeds the speed limit. This allows insights on the magnitude of speeds in excess of the speed limit, and how those speeds are changing over time.

Calculation for average speed when speeding is set out in equation 6.

Equation 6: Average speed when speeding

$$\text{average speed when speeding}_{\text{time period}(t)}^{\text{area(link)}} = \frac{\sum_{t=1}^m \sum_{\text{link}=1}^n \text{length}_{\text{link}}}{\sum_{t=1}^m \sum_{\text{link}=1}^n \frac{\text{length}}{0.5 * (\text{speed}(85^{\text{th}}) + \text{max speed})}}$$

Where:

- *max speed* is the maximum speed on the link;
- *speed(85th)* is the average speed of the 85th percentile;
- *length* is the length of each link within the area where the 85th percentile exceeds the speed limit;
- *t* is an hour within the *time period*; and
- *m* is the total number of hours within the *time period*.

This metric will provide insights on changes in the average speed in those periods where speeding occurs, both over time and between areas.

A1.5 Alternative weighting methodology

When aggregating road performance (other than vehicle count) over more than one link, individual link values should be weighted. We have previously developed a weighting methodology for BITRE whereby individual links are weighted according to the average number of vehicles travelling on the link.¹¹

Our previous analysis identified that volumes exhibit strong daily and hourly trends and are influenced by holiday periods.¹² It follows that any traffic volume weighting approach should take these trends into consideration.

The formula used to weight one link is set out in equation 7 below. The weights applied to each link for the remaining metrics are based on data for the period 1 January 2018 to 31 December 2018.¹³

Equation 7: Weighting function for a link for a given hour / day of week / holiday status combination

$$f(l, h, d, H) = \frac{\sum_{t \in T_{hdH}} \text{vehicle_count}_{l,t}}{\text{weekdays}(d, H)}$$

where:

- *l* is a road link;
- *h* is an hour of the day, eg, 7am;
- *d* is a day of the week, eg, Wednesday;
- *H* indicates whether the day represents a public or school holiday, eg, 'not a public or school holiday';

¹¹ HoustonKemp, *Road speed weighting methodology report*, November 2019.

¹² HoustonKemp, *Road speed weighting methodology report*, November 2019, p 8.

¹³ See HoustonKemp, *Road speed weighting methodology report*, November 2019.

- T_{hdH} is the set of all one hour periods of time in the 2018 calendar year that have hour h , day of the week d and holiday status H ;
- $vehicle_count_{l,t}$ is the count of vehicles reported by HERE on link l during period t ; and
- $weekdays(d, H)$ is the number of occurrences of weekday d in the 2018 calendar year, with respect to holiday status H .

Average speed

HERE data provides an average speed of all vehicles for a road link. To calculate an average speed across a geographic area and a period of time, eg, for one of the cities for one week, we aggregate average speeds, weighting by an estimate of the total amount of time motorists spend on each link. The aggregation is a two step process, ie:

1. we first calculate an average speed for a link for each hour (0 to 23), day of the week and holiday status across the period of interest, weighting by the travel time on the link; and then
2. we aggregate these average speeds across the road network of interest, weighting the average speeds calculated in step one by the relative number of vehicles observed, on average, on each link.

Equation 8 sets out the formula to estimate average speed for a given link for a given hour / day of week / holiday status combination, ie, step one above.

Equation 8: Average speed of a link over a period and for a given hour / day of week / holiday status combination

$$Speed(l, T, h, d, H) = \frac{\sum_{t \in T_{hdH}} (speed_{l,t} \times travel_time_{l,t})}{\sum_{t \in T_{hdH}} (travel_time_{l,t})}$$

where:

- l is a road link;
- T is a period of time over which to calculate average speed, eg, the two week period from 2 March 2020 to 15 March 2020;
- h is an hour of the day, eg, 7am;
- d is a day of the week, eg, Wednesday;
- H indicates whether the day represents a public or school holiday, eg, 'not a public or school holiday';
- T_{hdH} is the set of all one hour periods in T that have hour h , day of the week d and holiday status H , ie, based on the examples above, this would be the set containing the periods from 7am to 8am on Wednesday 4 March 2020 and Wednesday 11 March 2020;¹⁴
- t is a one hour period of time from the set T_{hdH} , eg, the period from 7am to 8am on Wednesday 4 March 2020;
- $speed_{l,t}$ is the observed average speed recorded by HERE on link l during the one hour period t ;

¹⁴ In mathematical terms, $T_{hdH} = \{t \in T \mid hour(t) = h, day_of_week(t) = d, holiday_status(t) = H\}$.

- $travel_time_{l,t}$ is the implied travel time along link l during the one hour period t , calculated as the length of the link divided by the observed average speed recorded by HERE; and
- $Speed(l, T, h, d, H)$ is the average speed for the link, for a given hour / day of week / holiday status combination, weighted by travel time.

In the case where the period of time T is a single week (or shorter), this step is redundant as there is at most one record for each hour / day of week / holiday status combination. However, this step allows for aggregation over multiple weeks, when required.

Equation 9 sets out the formula to estimate average speed for a geographic area across a time period, ie, step two above.

Equation 9: Average speed for a geographic area over a time period

$$Area_Speed(A, T) = \frac{\sum_{l \in A} \sum_{h \in hours} \sum_{d \in days} \sum_{H \in holiday_status} Speed(l, T, h, d, H) \times f(l, h, d, H)}{\sum_{l \in A} \sum_{h \in hours} \sum_{d \in days} \sum_{H \in holiday_status} f(l, h, d, H)}$$

where:

- A is a geographic area, eg, Greater Brisbane;
- T is a period of time over which to calculate average speed, eg, the two week period from 2 March 2020 to 15 March 2020;
- l is a road link in the geographic area A ;
- $hours$ is the set of all hours of the day, ie, hour 0 to hour 23, and h is an hour of the day;
- $days$ is the set of all days of the week, and d is a day of the week;
- $holiday_status$ is a two-element set indicating whether a day is a public or school holiday, or not, and H indicates whether the day represents a public or school holiday, or not;
- $Speed(l, T, h, d, H)$ is the average speed for the link, for a given hour / day of week / holiday status combination, weighted by travel time, ie, that which is calculated in step one;
- $f(l, h, d, H)$ is the vehicle count weight for link l for a given hour / day of week / holiday status combination, set out above; and
- $Area_Speed(A, T)$ is the average speed for the geographic area and period, weighted by travel time and vehicle count.

Percentage of speed limit

The methodology for the POSL metric is the same as the average speed metric, with speed replaced by POSL, ie, average speed divided by the speed limit, at each step of the calculation. The formulae for calculating average POSL are set out at equation 10 below.

Equation 10: POSL for a link and for a geographic area

$$POSL(l, T, h, d, H) = \frac{\sum_{t \in T_{hdH}} \left(\frac{speed_{l,t}}{speed_limit_l} \times travel_time_{l,t} \right)}{\sum_{t \in T_{hdH}} (travel_time_{l,t})}$$

$$Area_POSL(A, T) = \frac{\sum_{l \in A} \sum_{h \in hours} \sum_{d \in days} \sum_{H \in holiday_status} POSL(l, T, h, d, H) \times f(l, h, d, H)}{\sum_{l \in A} \sum_{h \in hours} \sum_{d \in days} \sum_{H \in holiday_status} f(l, h, d, H)}$$

where:

- $speed_limit_l$ is the speed limit for a link l ;
- $POSL(l, T, h, d, H)$ is the POSL for the link, for a given hour / day of week / holiday status combination, weighted by travel time;
- $Area_POSL(A, T)$ is the average speed for the geographic area and period, weighted by travel time and vehicle count; and
- all other variables and functions have the same interpretation as for equation 8 and equation 9.

Compliance with speed limits

The methodology for the compliance metric is the same as when using the original weighting methodology, with length replaced by the relevant weight for that link.

Average speed when speeding

The methodology for the average speed when speeding metric is the same as for average speed, with average speed replaced by the average of 85th percentile speed and maximum speed (and may be segmented into excess speeding categories).

A1.6 Confidence rating for local government areas

Despite HERE data having hundreds of millions of observations across the road network, there are areas, particularly in regional Queensland, where coverage might not be adequate to provide a true representation of the traffic conditions on the roads. The consequence of low coverage could be an incorrect interpretation of trends in road performance.

The confidence rating is calculated on a local government area basis, and focuses on determining whether there is:

- adequate coverage of road network; and
- sufficient data for calculated metrics to be representative of traffic conditions.

Coverage of road network

One way to measure coverage of road network is to determine the proportion of the road network, expressed in terms of length of the road, where we have data observations. Boulia had the lowest coverage in 2019 with 391 km out of 7,689 km represented (around five per cent), while Yarrabah had over 99 per cent of the network represented in 2019. We call the part of the road network with data observed the observed network.

Table A1.2 shows the proportion of road covered for the highest and lowest five LGAs for each year in the analysis period, on arterial and all roads.¹⁵

¹⁵ For simplicity, all roads with a functional class 1, 2 or 3 have been considered as arterial roads and roads with functional class 4 or 5 are considered local roads. This differs slightly from the definition of arterial set out in section 6.2. However, over 90 per cent of links with functional class 3 have a speed limit above 50km/h and therefore differences are likely to be small in practice.

Table A1.2: Proportion of road lengths covered by data for local government areas, Queensland, 2016 to 2018

LGA	Arterial roads				All roads			
	2016	2017	2018	2019	2016	2017	2018	2019
Highest coverage								
Yarrabah					95%	99%	100%	100%
Weipa	100%	100%	100%	100%	96%	98%	97%	97%
Cherbourg					79%	87%	96%	94%
Moreton Bay	100%	100%	100%	100%	91%	92%	93%	93%
Logan	100%	100%	100%	100%	90%	92%	93%	93%
Lowest coverage								
Paroo	83%	81%	86%	79%	12%	12%	14%	12%
Carpentaria	46%	50%	35%	31%	14%	15%	11%	11%
Croydon	100%	100%	95%	91%	11%	12%	7%	11%
Diamantina	53%	70%	34%	45%	10%	10%	8%	8%
Boulia	50%	50%	44%	38%	11%	10%	8%	8%

Note: Blank entries for arterial roads mean that the LGA only contains roads with functional class 4 or 5. Highest and lowest five LGAs ranked by 2019 all roads coverage shown. See appendix A2.3 for the full table.

Sufficiency of data ratio

It is more difficult to determine whether there is sufficient data to meaningfully calculate metrics.

As a method for assessing the sufficiency of data for each local government area, we calculated the total length travelled, as indicated by HERE data, divided by the length of the network within the local government area, for each year in the analysis period. This metric gives an estimate of the number of times the road network for the local government area was travelled during the year. The sufficiency of data ratio on all roads in 2019 ranges from almost 12,000 for Brisbane to less than eight in Mornington.

Table A1.3 shows the sufficiency of data ratio for the highest and lowest five local government areas for each year in the analysis period, on arterial and all roads.

Table A1.3: Sufficiency of data ratio for local government areas, Queensland, 2016 to 2018

LGA	Arterial roads				All roads			
	2016	2017	2018	2019	2016	2017	2018	2019
Highest sufficiency								
Brisbane	42,397	42,878	46,223	51,117	5,640	5,711	6,131	6,735
Logan	33,777	38,197	44,474	49,835	4,290	4,824	5,700	6,462
Gold Coast	34,964	38,352	40,397	44,893	4,530	5,020	5,281	5,915
Sunshine Coast	21,166	22,139	20,674	26,229	3,538	3,728	3,521	4,520
Moreton Bay	21,713	23,189	25,801	30,509	2,999	3,245	3,679	4,306
Lowest sufficiency								
Diamantina	10	13	17	22	7	11	10	13
Lockhart River					2	7	6	13
Bulloo	9	16	30	30	6	7	12	12
Mornington					2	3	46	8
Palm Island					13	8	5	8

Note: Blank entries for arterial roads mean that the LGA only contains roads with functional class 4 or 5. Highest and lowest five LGAs ranked by 2018 all roads times covered shown. See appendix A2.3 for the full table.

A2. Summary speed tables

This section sets out summary tables for road performance in Queensland.

A2.1 Queensland summary speed tables

Table A2.1: Average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	44.2	46.1	48.5	48.2
All	All	Local	26.4	28.0	30.6	30.5
All	All	Arterial	69.0	69.5	70.5	70.8
All	Urban	All	34.8	35.6	37.2	36.7
All	Urban	Local	25.2	26.5	28.7	28.5
All	Urban	Arterial	56.2	55.5	55.2	55.1
All	Regional	All	74.3	75.2	77.0	76.5
All	Regional	Local	37.9	40.6	45.1	45.0
All	Regional	Arterial	86.0	85.4	86.5	86.3
50 km/h	All	All	17.4	18.7	21.0	21.0
50 km/h	All	Local	17.4	18.7	21.0	21.0
50 km/h	Urban	All	17.2	18.4	20.6	20.6
50 km/h	Urban	Local	17.2	18.4	20.6	20.6
50 km/h	Regional	All	20.4	21.7	24.8	24.9
50 km/h	Regional	Local	20.4	21.7	24.8	24.9
60 km/h	All	All	39.3	39.3	39.6	39.5
60 km/h	All	Local	37.6	38.0	38.6	38.4
60 km/h	All	Arterial	41.4	40.9	40.9	40.9
60 km/h	Urban	All	39.0	38.9	39.1	39.0
60 km/h	Urban	Local	37.6	38.0	38.4	38.2
60 km/h	Urban	Arterial	40.8	40.2	40.1	40.0
60 km/h	Regional	All	42.6	43.2	44.1	44.2
60 km/h	Regional	Local	37.8	38.8	41.0	40.5
60 km/h	Regional	Arterial	46.3	46.3	46.3	46.8
80 km/h	All	All	65.0	64.8	65.1	65.0
80 km/h	All	Local	59.1	59.6	60.7	60.1
80 km/h	All	Arterial	67.1	66.7	67.0	67.1
80 km/h	Urban	All	64.4	64.0	64.0	63.8
80 km/h	Urban	Local	60.6	60.4	60.5	59.7
80 km/h	Urban	Arterial	65.9	65.4	65.5	65.6
80 km/h	Regional	All	66.5	66.6	67.7	67.8
80 km/h	Regional	Local	54.6	57.5	61.1	61.1
80 km/h	Regional	Arterial	70.0	69.6	70.1	70.3
100 km/h	All	All	87.7	87.2	88.0	87.8
100 km/h	All	Local	60.3	63.0	67.7	66.5

100 km/h	All	Arterial	90.9	90.0	90.6	90.7
100 km/h	Urban	All	84.2	83.0	83.5	83.8
100 km/h	Urban	Local	51.3	51.7	62.7	60.4
100 km/h	Urban	Arterial	88.2	87.3	86.0	87.0
100 km/h	Regional	All	88.6	88.1	88.9	88.6
100 km/h	Regional	Local	62.9	66.1	68.6	67.7
100 km/h	Regional	Arterial	91.6	90.6	91.5	91.4
110 km/h	All	All	95.7	93.6	95.1	94.6
110 km/h	All	Local	59.3	58.9	58.0	60.0
110 km/h	All	Arterial	95.9	93.7	95.2	94.7
110 km/h	Urban	All	95.6	97.2	97.0	98.1
110 km/h	Urban	Local	60.1	59.7	59.1	60.5
110 km/h	Urban	Arterial	95.9	97.5	97.4	98.5
110 km/h	Regional	All	95.8	92.6	94.5	93.7
110 km/h	Regional	Local	53.4	51.9	49.5	57.0
110 km/h	Regional	Arterial	95.8	92.6	94.5	93.7

Table A2.2: Percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	61.7%	63.5%	66.3%	65.9%
All	All	Local	47.6%	50.0%	53.9%	53.6%
All	All	Arterial	81.3%	80.9%	81.5%	81.6%
All	Urban	All	55.7%	57.0%	59.5%	58.9%
All	Urban	Local	46.8%	49.1%	52.7%	52.3%
All	Urban	Arterial	75.1%	74.3%	73.9%	73.9%
All	Regional	All	81.1%	81.4%	83.3%	82.9%
All	Regional	Local	54.8%	57.5%	62.8%	62.3%
All	Regional	Arterial	89.5%	88.5%	89.4%	89.4%

Table A2.3: Compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	71.6%	74.9%	75.9%	75.4%
All	All	Local	Compliance	82.2%	83.6%	84.3%	84.2%
All	All	Arterial	Compliance	66.0%	70.4%	71.4%	70.5%
All	Urban	All	Compliance	75.9%	78.9%	81.2%	81.0%
All	Urban	Local	Compliance	83.3%	84.8%	85.8%	85.7%
All	Urban	Arterial	Compliance	68.5%	72.8%	76.2%	75.5%
All	Regional	All	Compliance	65.2%	69.6%	69.5%	68.8%
All	Regional	Local	Compliance	75.3%	76.9%	77.4%	77.5%

All	Regional	Arterial	Compliance	63.8%	68.5%	68.2%	67.4%
50 km/h	All	All	Compliance	87.8%	88.8%	89.3%	89.0%
50 km/h	All	Local	Compliance	87.8%	88.8%	89.3%	89.0%
50 km/h	Urban	All	Compliance	88.9%	90.0%	90.3%	90.1%
50 km/h	Urban	Local	Compliance	88.9%	90.0%	90.3%	90.1%
50 km/h	Regional	All	Compliance	75.3%	77.2%	79.4%	78.3%
50 km/h	Regional	Local	Compliance	75.3%	77.2%	79.4%	78.3%
60 km/h	All	All	Compliance	77.8%	80.0%	81.7%	81.7%
60 km/h	All	Local	Compliance	81.1%	82.5%	83.5%	83.4%
60 km/h	All	Arterial	Compliance	74.1%	77.1%	79.5%	79.3%
60 km/h	Urban	All	Compliance	78.8%	81.1%	83.0%	82.9%
60 km/h	Urban	Local	Compliance	81.9%	83.4%	84.6%	84.5%
60 km/h	Urban	Arterial	Compliance	75.0%	78.2%	80.8%	80.7%
60 km/h	Regional	All	Compliance	68.2%	69.8%	70.9%	71.1%
60 km/h	Regional	Local	Compliance	69.7%	70.0%	69.0%	70.3%
60 km/h	Regional	Arterial	Compliance	67.3%	69.6%	72.0%	71.6%
80 km/h	All	All	Compliance	63.6%	65.8%	67.0%	66.8%
80 km/h	All	Local	Compliance	72.5%	74.1%	73.8%	73.5%
80 km/h	All	Arterial	Compliance	60.8%	63.0%	64.5%	64.3%
80 km/h	Urban	All	Compliance	65.3%	68.2%	70.2%	70.1%
80 km/h	Urban	Local	Compliance	74.0%	77.0%	77.9%	77.3%
80 km/h	Urban	Arterial	Compliance	62.3%	64.9%	67.1%	67.2%
80 km/h	Regional	All	Compliance	59.6%	60.4%	60.2%	60.0%
80 km/h	Regional	Local	Compliance	67.5%	65.7%	63.8%	64.2%
80 km/h	Regional	Arterial	Compliance	57.7%	59.0%	59.0%	58.6%
100 km/h	All	All	Compliance	62.8%	67.4%	68.0%	67.2%
100 km/h	All	Local	Compliance	82.9%	86.0%	86.0%	85.6%
100 km/h	All	Arterial	Compliance	61.2%	65.9%	66.3%	65.4%
100 km/h	Urban	All	Compliance	60.9%	67.8%	72.8%	71.3%
100 km/h	Urban	Local	Compliance	88.9%	94.3%	94.2%	93.2%
100 km/h	Urban	Arterial	Compliance	59.0%	65.7%	70.9%	69.2%
100 km/h	Regional	All	Compliance	63.3%	67.4%	67.1%	66.5%
100 km/h	Regional	Local	Compliance	81.4%	84.1%	84.5%	84.3%
100 km/h	Regional	Arterial	Compliance	61.8%	66.0%	65.4%	64.6%
110 km/h	All	All	Compliance	75.5%	84.7%	87.1%	85.2%
110 km/h	All	Local	Compliance	99.1%	99.3%	99.5%	99.1%
110 km/h	All	Arterial	Compliance	75.4%	84.6%	87.1%	85.2%
110 km/h	Urban	All	Compliance	65.0%	72.7%	80.6%	76.1%
110 km/h	Urban	Local	Compliance	99.4%	99.4%	99.6%	99.4%
110 km/h	Urban	Arterial	Compliance	64.8%	72.6%	80.5%	76.0%
110 km/h	Regional	All	Compliance	80.2%	88.6%	89.0%	87.8%
110 km/h	Regional	Local	Compliance	96.9%	97.8%	98.2%	97.2%
110 km/h	Regional	Arterial	Compliance	80.2%	88.6%	89.0%	87.8%
All	All	All	<10% above speed limit	18.6%	18.3%	18.6%	19.1%
All	All	Local	<10% above speed limit	8.9%	8.8%	8.7%	8.7%

All	All	Arterial	<10% above speed limit	23.8%	23.2%	23.9%	24.8%
All	Urban	All	<10% above speed limit	14.8%	13.9%	12.8%	12.9%
All	Urban	Local	<10% above speed limit	8.4%	8.2%	7.9%	7.9%
All	Urban	Arterial	<10% above speed limit	21.2%	19.9%	18.3%	18.9%
All	Regional	All	<10% above speed limit	24.4%	24.1%	25.6%	26.4%
All	Regional	Local	<10% above speed limit	12.2%	12.2%	12.6%	12.7%
All	Regional	Arterial	<10% above speed limit	26.1%	25.7%	27.7%	28.6%
50 km/h	All	All	<10% above speed limit	5.6%	5.3%	5.1%	5.1%
50 km/h	All	Local	<10% above speed limit	5.6%	5.3%	5.1%	5.1%
50 km/h	Urban	All	<10% above speed limit	5.4%	5.1%	4.9%	4.8%
50 km/h	Urban	Local	<10% above speed limit	5.4%	5.1%	4.9%	4.8%
50 km/h	Regional	All	<10% above speed limit	8.2%	7.7%	7.3%	7.2%
50 km/h	Regional	Local	<10% above speed limit	8.2%	7.7%	7.3%	7.2%
60 km/h	All	All	<10% above speed limit	11.7%	11.2%	10.7%	10.6%
60 km/h	All	Local	<10% above speed limit	10.0%	9.8%	9.4%	9.4%
60 km/h	All	Arterial	<10% above speed limit	13.8%	13.0%	12.2%	12.2%
60 km/h	Urban	All	<10% above speed limit	11.4%	10.9%	10.2%	10.1%
60 km/h	Urban	Local	<10% above speed limit	9.7%	9.5%	9.0%	9.0%
60 km/h	Urban	Arterial	<10% above speed limit	13.6%	12.7%	11.8%	11.7%
60 km/h	Regional	All	<10% above speed limit	14.8%	14.7%	14.6%	14.9%
60 km/h	Regional	Local	<10% above speed limit	14.1%	14.0%	14.5%	14.3%
60 km/h	Regional	Arterial	<10% above speed limit	15.3%	15.1%	14.7%	15.3%
80 km/h	All	All	<10% above speed limit	21.1%	21.7%	22.0%	22.2%
80 km/h	All	Local	<10% above speed limit	15.7%	15.9%	15.9%	16.5%
80 km/h	All	Arterial	<10% above speed limit	22.8%	23.6%	24.2%	24.4%
80 km/h	Urban	All	<10% above speed limit	20.8%	21.3%	21.5%	21.6%
80 km/h	Urban	Local	<10% above speed limit	16.0%	16.2%	16.1%	16.5%
80 km/h	Urban	Arterial	<10% above speed limit	22.5%	23.2%	23.7%	23.7%
80 km/h	Regional	All	<10% above speed limit	21.7%	22.5%	23.0%	23.6%
80 km/h	Regional	Local	<10% above speed limit	14.7%	15.2%	15.6%	16.3%
80 km/h	Regional	Arterial	<10% above speed limit	23.3%	24.5%	25.4%	25.9%
100 km/h	All	All	<10% above speed limit	28.5%	28.2%	29.3%	30.2%
100 km/h	All	Local	<10% above speed limit	11.9%	11.4%	12.3%	12.7%
100 km/h	All	Arterial	<10% above speed limit	29.8%	29.6%	30.9%	31.9%
100 km/h	Urban	All	<10% above speed limit	32.0%	29.2%	25.9%	27.3%
100 km/h	Urban	Local	<10% above speed limit	7.0%	4.5%	5.3%	6.1%
100 km/h	Urban	Arterial	<10% above speed limit	33.7%	31.2%	27.7%	29.3%
100 km/h	Regional	All	<10% above speed limit	27.6%	28.0%	29.9%	30.7%
100 km/h	Regional	Local	<10% above speed limit	13.0%	13.0%	13.5%	13.8%
100 km/h	Regional	Arterial	<10% above speed limit	28.7%	29.2%	31.5%	32.4%
110 km/h	All	All	<10% above speed limit	19.0%	13.0%	11.8%	13.5%
110 km/h	All	Local	<10% above speed limit	0.7%	0.6%	0.4%	0.7%
110 km/h	All	Arterial	<10% above speed limit	19.0%	13.0%	11.8%	13.5%
110 km/h	Urban	All	<10% above speed limit	29.3%	24.7%	18.3%	22.5%
110 km/h	Urban	Local	<10% above speed limit	0.5%	0.5%	0.3%	0.5%

110 km/h	Urban	Arterial	<10% above speed limit	29.5%	24.9%	18.4%	22.6%
110 km/h	Regional	All	<10% above speed limit	14.4%	9.2%	9.8%	10.9%
110 km/h	Regional	Local	<10% above speed limit	2.8%	1.9%	1.4%	2.5%
110 km/h	Regional	Arterial	<10% above speed limit	14.4%	9.2%	9.8%	10.9%
All	All	All	10-20% above speed limit	4.7%	3.8%	3.5%	3.5%
All	All	Local	10-20% above speed limit	4.1%	3.8%	3.6%	3.6%
All	All	Arterial	10-20% above speed limit	5.0%	3.9%	3.4%	3.4%
All	Urban	All	10-20% above speed limit	4.9%	4.1%	3.7%	3.7%
All	Urban	Local	10-20% above speed limit	3.9%	3.6%	3.4%	3.4%
All	Urban	Arterial	10-20% above speed limit	5.8%	4.6%	4.0%	4.0%
All	Regional	All	10-20% above speed limit	4.5%	3.4%	3.2%	3.2%
All	Regional	Local	10-20% above speed limit	4.8%	4.6%	4.5%	4.3%
All	Regional	Arterial	10-20% above speed limit	4.4%	3.3%	3.0%	3.0%
50 km/h	All	All	10-20% above speed limit	2.5%	2.3%	2.2%	2.3%
50 km/h	All	Local	10-20% above speed limit	2.5%	2.3%	2.2%	2.3%
50 km/h	Urban	All	10-20% above speed limit	2.4%	2.1%	2.0%	2.1%
50 km/h	Urban	Local	10-20% above speed limit	2.4%	2.1%	2.0%	2.1%
50 km/h	Regional	All	10-20% above speed limit	4.5%	4.2%	3.7%	3.6%
50 km/h	Regional	Local	10-20% above speed limit	4.5%	4.2%	3.7%	3.6%
60 km/h	All	All	10-20% above speed limit	5.8%	5.2%	4.8%	4.9%
60 km/h	All	Local	10-20% above speed limit	4.9%	4.6%	4.5%	4.5%
60 km/h	All	Arterial	10-20% above speed limit	6.7%	5.9%	5.2%	5.3%
60 km/h	Urban	All	10-20% above speed limit	5.5%	4.9%	4.5%	4.5%
60 km/h	Urban	Local	10-20% above speed limit	4.7%	4.4%	4.2%	4.2%
60 km/h	Urban	Arterial	10-20% above speed limit	6.5%	5.6%	4.9%	4.9%
60 km/h	Regional	All	10-20% above speed limit	8.3%	8.0%	7.8%	7.8%
60 km/h	Regional	Local	10-20% above speed limit	7.9%	8.0%	8.4%	8.0%
60 km/h	Regional	Arterial	10-20% above speed limit	8.6%	8.0%	7.4%	7.6%
80 km/h	All	All	10-20% above speed limit	8.6%	8.1%	8.0%	7.9%
80 km/h	All	Local	10-20% above speed limit	6.7%	6.3%	6.5%	6.5%
80 km/h	All	Arterial	10-20% above speed limit	9.1%	8.7%	8.5%	8.5%
80 km/h	Urban	All	10-20% above speed limit	7.9%	7.0%	6.6%	6.5%
80 km/h	Urban	Local	10-20% above speed limit	6.1%	5.0%	4.9%	4.9%
80 km/h	Urban	Arterial	10-20% above speed limit	8.6%	7.8%	7.3%	7.2%
80 km/h	Regional	All	10-20% above speed limit	10.1%	10.4%	10.9%	10.9%
80 km/h	Regional	Local	10-20% above speed limit	8.9%	10.0%	10.6%	10.5%
80 km/h	Regional	Arterial	10-20% above speed limit	10.4%	10.5%	11.0%	11.0%
100 km/h	All	All	10-20% above speed limit	3.2%	2.3%	2.1%	2.1%
100 km/h	All	Local	10-20% above speed limit	2.0%	1.4%	1.4%	1.3%
100 km/h	All	Arterial	10-20% above speed limit	3.3%	2.4%	2.2%	2.1%
100 km/h	Urban	All	10-20% above speed limit	3.0%	1.6%	1.0%	1.1%
100 km/h	Urban	Local	10-20% above speed limit	1.5%	0.5%	0.4%	0.5%
100 km/h	Urban	Arterial	10-20% above speed limit	3.1%	1.7%	1.0%	1.1%
100 km/h	Regional	All	10-20% above speed limit	3.3%	2.5%	2.3%	2.2%
100 km/h	Regional	Local	10-20% above speed limit	2.1%	1.6%	1.5%	1.5%

100 km/h	Regional	Arterial	10-20% above speed limit	3.4%	2.5%	2.4%	2.3%
110 km/h	All	All	10-20% above speed limit	5.5%	2.2%	1.0%	1.2%
110 km/h	All	Local	10-20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	All	Arterial	10-20% above speed limit	5.5%	2.3%	1.0%	1.2%
110 km/h	Urban	All	10-20% above speed limit	5.7%	2.5%	1.1%	1.4%
110 km/h	Urban	Local	10-20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	Urban	Arterial	10-20% above speed limit	5.7%	2.6%	1.1%	1.4%
110 km/h	Regional	All	10-20% above speed limit	5.4%	2.2%	1.0%	1.2%
110 km/h	Regional	Local	10-20% above speed limit	0.3%	0.3%	0.3%	0.3%
110 km/h	Regional	Arterial	10-20% above speed limit	5.4%	2.2%	1.0%	1.2%
All	All	All	>20% above speed limit	5.0%	3.0%	2.0%	2.0%
All	All	Local	>20% above speed limit	4.8%	3.9%	3.4%	3.5%
All	All	Arterial	>20% above speed limit	5.1%	2.5%	1.2%	1.2%
All	Urban	All	>20% above speed limit	4.4%	3.0%	2.3%	2.4%
All	Urban	Local	>20% above speed limit	4.3%	3.4%	2.9%	3.0%
All	Urban	Arterial	>20% above speed limit	4.5%	2.7%	1.5%	1.6%
All	Regional	All	>20% above speed limit	5.9%	2.9%	1.7%	1.6%
All	Regional	Local	>20% above speed limit	7.7%	6.3%	5.5%	5.4%
All	Regional	Arterial	>20% above speed limit	5.7%	2.5%	1.1%	1.0%
50 km/h	All	All	>20% above speed limit	4.1%	3.5%	3.4%	3.7%
50 km/h	All	Local	>20% above speed limit	4.1%	3.5%	3.4%	3.7%
50 km/h	Urban	All	>20% above speed limit	3.4%	2.8%	2.8%	2.9%
50 km/h	Urban	Local	>20% above speed limit	3.4%	2.8%	2.8%	2.9%
50 km/h	Regional	All	>20% above speed limit	12.0%	11.0%	9.6%	10.9%
50 km/h	Regional	Local	>20% above speed limit	12.0%	11.0%	9.6%	10.9%
60 km/h	All	All	>20% above speed limit	4.7%	3.5%	2.8%	2.9%
60 km/h	All	Local	>20% above speed limit	4.0%	3.1%	2.6%	2.7%
60 km/h	All	Arterial	>20% above speed limit	5.4%	4.0%	3.0%	3.1%
60 km/h	Urban	All	>20% above speed limit	4.2%	3.1%	2.4%	2.5%
60 km/h	Urban	Local	>20% above speed limit	3.7%	2.7%	2.2%	2.3%
60 km/h	Urban	Arterial	>20% above speed limit	5.0%	3.5%	2.5%	2.7%
60 km/h	Regional	All	>20% above speed limit	8.6%	7.5%	6.7%	6.2%
60 km/h	Regional	Local	>20% above speed limit	8.3%	8.0%	8.0%	7.3%
60 km/h	Regional	Arterial	>20% above speed limit	8.9%	7.3%	5.8%	5.5%
80 km/h	All	All	>20% above speed limit	6.7%	4.5%	3.1%	3.0%
80 km/h	All	Local	>20% above speed limit	5.1%	3.7%	3.8%	3.5%
80 km/h	All	Arterial	>20% above speed limit	7.2%	4.7%	2.8%	2.8%
80 km/h	Urban	All	>20% above speed limit	6.0%	3.5%	1.7%	1.8%
80 km/h	Urban	Local	>20% above speed limit	3.9%	1.9%	1.2%	1.3%
80 km/h	Urban	Arterial	>20% above speed limit	6.7%	4.1%	1.9%	2.0%
80 km/h	Regional	All	>20% above speed limit	8.6%	6.6%	6.0%	5.5%
80 km/h	Regional	Local	>20% above speed limit	8.9%	9.1%	10.1%	9.0%
80 km/h	Regional	Arterial	>20% above speed limit	8.5%	6.0%	4.6%	4.4%
100 km/h	All	All	>20% above speed limit	5.5%	2.1%	0.6%	0.5%
100 km/h	All	Local	>20% above speed limit	3.3%	1.2%	0.4%	0.4%

100 km/h	All	Arterial	>20% above speed limit	5.6%	2.1%	0.6%	0.6%
100 km/h	Urban	All	>20% above speed limit	4.1%	1.4%	0.3%	0.3%
100 km/h	Urban	Local	>20% above speed limit	2.5%	0.7%	0.1%	0.2%
100 km/h	Urban	Arterial	>20% above speed limit	4.2%	1.5%	0.3%	0.4%
100 km/h	Regional	All	>20% above speed limit	5.8%	2.2%	0.7%	0.6%
100 km/h	Regional	Local	>20% above speed limit	3.5%	1.4%	0.4%	0.5%
100 km/h	Regional	Arterial	>20% above speed limit	6.0%	2.3%	0.7%	0.6%
110 km/h	All	All	>20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	All	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	All	Arterial	>20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	Urban	All	>20% above speed limit	0.1%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Arterial	>20% above speed limit	0.1%	0.0%	0.0%	0.0%
110 km/h	Regional	All	>20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	Regional	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Regional	Arterial	>20% above speed limit	0.1%	0.1%	0.1%	0.1%

Table A2.4: Average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	58.0	57.7	57.6	58.2
50 km/h	All	Local	All speeding	58.0	57.7	57.6	58.2
50 km/h	Urban	All	All speeding	57.5	57.0	57.1	57.5
50 km/h	Urban	Local	All speeding	57.5	57.0	57.1	57.5
50 km/h	Regional	All	All speeding	60.8	60.6	60.1	61.1
50 km/h	Regional	Local	All speeding	60.8	60.6	60.1	61.1
60 km/h	All	All	All speeding	67.2	66.6	66.2	66.2
60 km/h	All	Local	All speeding	67.2	66.6	66.2	66.3
60 km/h	All	Arterial	All speeding	67.2	66.6	66.1	66.2
60 km/h	Urban	All	All speeding	67.0	66.4	65.9	66.1
60 km/h	Urban	Local	All speeding	67.0	66.3	66.0	66.1
60 km/h	Urban	Arterial	All speeding	67.0	66.4	65.8	66.0
60 km/h	Regional	All	All speeding	68.2	67.8	67.5	67.2
60 km/h	Regional	Local	All speeding	68.3	68.2	68.1	67.8
60 km/h	Regional	Arterial	All speeding	68.2	67.6	67.1	66.8
80 km/h	All	All	All speeding	88.8	87.5	86.7	86.7
80 km/h	All	Local	All speeding	88.5	87.6	87.5	87.3
80 km/h	All	Arterial	All speeding	88.9	87.4	86.5	86.5
80 km/h	Urban	All	All speeding	88.6	87.1	86.0	86.1
80 km/h	Urban	Local	All speeding	87.8	86.3	85.7	85.8
80 km/h	Urban	Arterial	All speeding	88.8	87.3	86.1	86.2
80 km/h	Regional	All	All speeding	89.2	88.2	87.8	87.6
80 km/h	Regional	Local	All speeding	90.4	90.1	90.2	89.7

80 km/h	Regional	Arterial	All speeding	89.0	87.7	87.1	87.0
100 km/h	All	All	All speeding	108.1	105.5	104.4	104.3
100 km/h	All	Local	All speeding	109.0	106.3	105.0	105.0
100 km/h	All	Arterial	All speeding	108.0	105.5	104.4	104.3
100 km/h	Urban	All	All speeding	109.2	106.1	104.5	104.7
100 km/h	Urban	Local	All speeding	110.0	106.8	104.6	104.8
100 km/h	Urban	Arterial	All speeding	109.2	106.1	104.5	104.7
100 km/h	Regional	All	All speeding	107.8	105.4	104.4	104.2
100 km/h	Regional	Local	All speeding	108.8	106.2	105.0	105.1
100 km/h	Regional	Arterial	All speeding	107.7	105.4	104.4	104.2
110 km/h	All	All	All speeding	118.3	116.6	115.1	115.4
110 km/h	All	Local	All speeding	115.6	116.0	116.7	116.4
110 km/h	All	Arterial	All speeding	118.3	116.6	115.1	115.4
110 km/h	Urban	All	All speeding	118.4	116.4	115.2	115.6
110 km/h	Urban	Local	All speeding	116.2	116.2	117.1	117.1
110 km/h	Urban	Arterial	All speeding	118.4	116.4	115.2	115.6
110 km/h	Regional	All	All speeding	118.2	116.7	115.1	115.3
110 km/h	Regional	Local	All speeding	114.8	115.8	115.8	115.3
110 km/h	Regional	Arterial	All speeding	118.2	116.7	115.1	115.3
50 km/h	All	All	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	All	Local	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	Urban	All	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	Urban	Local	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	Regional	All	<10% above speed limit	52.8	52.8	52.8	52.8
50 km/h	Regional	Local	<10% above speed limit	52.8	52.8	52.8	52.8
60 km/h	All	All	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	All	Local	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	All	Arterial	<10% above speed limit	63.2	63.1	63.1	63.1
60 km/h	Urban	All	<10% above speed limit	63.2	63.1	63.1	63.1
60 km/h	Urban	Local	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Urban	Arterial	<10% above speed limit	63.2	63.2	63.1	63.1
60 km/h	Regional	All	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Regional	Local	<10% above speed limit	63.1	63.1	63.2	63.1
60 km/h	Regional	Arterial	<10% above speed limit	63.1	63.1	63.0	63.0
80 km/h	All	All	<10% above speed limit	84.1	84.0	84.0	84.0
80 km/h	All	Local	<10% above speed limit	83.9	83.8	83.8	83.8
80 km/h	All	Arterial	<10% above speed limit	84.1	84.0	84.0	84.0
80 km/h	Urban	All	<10% above speed limit	84.1	84.0	84.0	84.0
80 km/h	Urban	Local	<10% above speed limit	83.9	83.7	83.8	83.7
80 km/h	Urban	Arterial	<10% above speed limit	84.2	84.1	84.0	84.1
80 km/h	Regional	All	<10% above speed limit	83.9	84.0	84.0	84.0
80 km/h	Regional	Local	<10% above speed limit	84.0	84.1	84.1	84.1
80 km/h	Regional	Arterial	<10% above speed limit	83.9	83.9	84.0	84.0
100 km/h	All	All	<10% above speed limit	104.2	103.6	103.4	103.4
100 km/h	All	Local	<10% above speed limit	103.9	103.6	103.6	103.6

100 km/h	All	Arterial	<10% above speed limit	104.2	103.6	103.4	103.4
100 km/h	Urban	All	<10% above speed limit	106.5	104.8	103.9	104.1
100 km/h	Urban	Local	<10% above speed limit	104.1	103.5	103.5	103.5
100 km/h	Urban	Arterial	<10% above speed limit	106.5	104.8	104.0	104.1
100 km/h	Regional	All	<10% above speed limit	103.5	103.3	103.3	103.3
100 km/h	Regional	Local	<10% above speed limit	103.8	103.6	103.6	103.6
100 km/h	Regional	Arterial	<10% above speed limit	103.5	103.3	103.3	103.2
110 km/h	All	All	<10% above speed limit	115.6	114.7	114.1	114.4
110 km/h	All	Local	<10% above speed limit	113.9	113.7	113.7	114.0
110 km/h	All	Arterial	<10% above speed limit	115.6	114.7	114.1	114.4
110 km/h	Urban	All	<10% above speed limit	116.7	115.4	114.6	115.0
110 km/h	Urban	Local	<10% above speed limit	114.0	113.6	114.0	114.0
110 km/h	Urban	Arterial	<10% above speed limit	116.7	115.4	114.6	115.0
110 km/h	Regional	All	<10% above speed limit	114.7	114.2	113.9	114.1
110 km/h	Regional	Local	<10% above speed limit	113.7	113.9	113.0	113.8
110 km/h	Regional	Arterial	<10% above speed limit	114.7	114.2	113.9	114.1
50 km/h	All	All	10-20% above speed limit	57.7	57.7	57.7	57.8
50 km/h	All	Local	10-20% above speed limit	57.7	57.7	57.7	57.8
50 km/h	Urban	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Regional	All	10-20% above speed limit	57.8	57.8	57.8	57.9
50 km/h	Regional	Local	10-20% above speed limit	57.8	57.8	57.8	57.9
60 km/h	All	All	10-20% above speed limit	69.2	69.1	69.0	69.1
60 km/h	All	Local	10-20% above speed limit	69.1	69.0	69.0	69.0
60 km/h	All	Arterial	10-20% above speed limit	69.2	69.1	69.1	69.1
60 km/h	Urban	All	10-20% above speed limit	69.2	69.1	69.0	69.1
60 km/h	Urban	Local	10-20% above speed limit	69.1	69.0	69.0	69.0
60 km/h	Urban	Arterial	10-20% above speed limit	69.3	69.2	69.1	69.1
60 km/h	Regional	All	10-20% above speed limit	69.1	69.1	69.1	69.0
60 km/h	Regional	Local	10-20% above speed limit	69.1	69.1	69.1	69.1
60 km/h	Regional	Arterial	10-20% above speed limit	69.1	69.1	69.0	69.0
80 km/h	All	All	10-20% above speed limit	92.3	92.1	91.9	91.8
80 km/h	All	Local	10-20% above speed limit	92.0	91.9	91.9	91.8
80 km/h	All	Arterial	10-20% above speed limit	92.4	92.1	91.9	91.8
80 km/h	Urban	All	10-20% above speed limit	92.5	92.2	91.9	91.9
80 km/h	Urban	Local	10-20% above speed limit	91.9	91.6	91.5	91.6
80 km/h	Urban	Arterial	10-20% above speed limit	92.7	92.3	91.9	92.0
80 km/h	Regional	All	10-20% above speed limit	92.0	91.9	91.9	91.8
80 km/h	Regional	Local	10-20% above speed limit	92.1	92.2	92.2	92.1
80 km/h	Regional	Arterial	10-20% above speed limit	91.9	91.8	91.7	91.7
100 km/h	All	All	10-20% above speed limit	115.3	114.5	114.0	113.9
100 km/h	All	Local	10-20% above speed limit	115.0	114.3	114.0	114.1
100 km/h	All	Arterial	10-20% above speed limit	115.3	114.5	114.0	113.9
100 km/h	Urban	All	10-20% above speed limit	117.2	115.9	114.4	114.5
100 km/h	Urban	Local	10-20% above speed limit	115.7	115.0	114.1	114.0

100 km/h	Urban	Arterial	10-20% above speed limit	117.3	115.9	114.4	114.5
100 km/h	Regional	All	10-20% above speed limit	114.8	114.3	114.0	113.9
100 km/h	Regional	Local	10-20% above speed limit	114.8	114.3	114.0	114.1
100 km/h	Regional	Arterial	10-20% above speed limit	114.8	114.3	114.0	113.9
110 km/h	All	All	10-20% above speed limit	128.3	127.7	125.8	125.9
110 km/h	All	Local	10-20% above speed limit	127.2	127.6	128.3	126.8
110 km/h	All	Arterial	10-20% above speed limit	128.3	127.7	125.8	125.9
110 km/h	Urban	All	10-20% above speed limit	128.1	127.4	126.0	125.9
110 km/h	Urban	Local	10-20% above speed limit	127.5	127.7	128.1	126.8
110 km/h	Urban	Arterial	10-20% above speed limit	128.1	127.4	126.0	125.9
110 km/h	Regional	All	10-20% above speed limit	128.4	127.8	125.7	125.8
110 km/h	Regional	Local	10-20% above speed limit	126.4	127.3	128.7	126.7
110 km/h	Regional	Arterial	10-20% above speed limit	128.4	127.8	125.7	125.8
50 km/h	All	All	>20% above speed limit	68.8	68.5	68.3	69.4
50 km/h	All	Local	>20% above speed limit	68.8	68.5	68.3	69.4
50 km/h	Urban	All	>20% above speed limit	68.3	67.9	67.8	68.8
50 km/h	Urban	Local	>20% above speed limit	68.3	67.9	67.8	68.8
50 km/h	Regional	All	>20% above speed limit	70.3	70.0	69.7	70.8
50 km/h	Regional	Local	>20% above speed limit	70.3	70.0	69.7	70.8
60 km/h	All	All	>20% above speed limit	80.9	80.3	79.7	79.9
60 km/h	All	Local	>20% above speed limit	81.0	80.3	79.5	79.9
60 km/h	All	Arterial	>20% above speed limit	80.8	80.4	79.8	80.0
60 km/h	Urban	All	>20% above speed limit	80.8	80.1	79.2	79.6
60 km/h	Urban	Local	>20% above speed limit	80.9	80.0	79.0	79.5
60 km/h	Urban	Arterial	>20% above speed limit	80.7	80.2	79.5	79.9
60 km/h	Regional	All	>20% above speed limit	81.4	81.2	81.0	80.8
60 km/h	Regional	Local	>20% above speed limit	81.7	81.7	81.3	81.4
60 km/h	Regional	Arterial	>20% above speed limit	81.2	80.9	80.7	80.4
80 km/h	All	All	>20% above speed limit	106.1	103.9	101.6	101.9
80 km/h	All	Local	>20% above speed limit	105.0	103.5	101.9	102.0
80 km/h	All	Arterial	>20% above speed limit	106.3	104.0	101.4	101.8
80 km/h	Urban	All	>20% above speed limit	106.2	104.4	102.0	102.7
80 km/h	Urban	Local	>20% above speed limit	105.3	104.6	102.0	103.0
80 km/h	Urban	Arterial	>20% above speed limit	106.4	104.4	101.9	102.7
80 km/h	Regional	All	>20% above speed limit	105.7	103.3	101.4	101.4
80 km/h	Regional	Local	>20% above speed limit	104.6	102.9	101.9	101.7
80 km/h	Regional	Arterial	>20% above speed limit	106.0	103.5	101.0	101.1
100 km/h	All	All	>20% above speed limit	128.5	128.1	125.9	126.2
100 km/h	All	Local	>20% above speed limit	128.3	127.8	125.6	127.6
100 km/h	All	Arterial	>20% above speed limit	128.5	128.1	125.9	126.1
100 km/h	Urban	All	>20% above speed limit	128.3	128.0	126.4	127.1
100 km/h	Urban	Local	>20% above speed limit	127.3	127.3	126.4	135.6
100 km/h	Urban	Arterial	>20% above speed limit	128.3	128.0	126.4	126.7
100 km/h	Regional	All	>20% above speed limit	128.6	128.1	125.9	126.1
100 km/h	Regional	Local	>20% above speed limit	128.5	127.8	125.5	127.0

100 km/h	Regional	Arterial	>20% above speed limit	128.6	128.1	125.9	126.1
110 km/h	All	All	>20% above speed limit	138.8	138.1	139.4	139.2
110 km/h	All	Local	>20% above speed limit	141.8	140.4	148.0	145.1
110 km/h	All	Arterial	>20% above speed limit	138.8	138.1	139.4	139.2
110 km/h	Urban	All	>20% above speed limit	139.4	137.7	139.7	144.5
110 km/h	Urban	Local	>20% above speed limit	141.8	140.3		146.3
110 km/h	Urban	Arterial	>20% above speed limit	139.4	137.6	139.7	144.5
110 km/h	Regional	All	>20% above speed limit	138.7	138.1	139.4	139.0
110 km/h	Regional	Local	>20% above speed limit		141.0	148.0	139.0
110 km/h	Regional	Arterial	>20% above speed limit	138.7	138.1	139.4	139.0

A2.2 Brisbane summary speed tables

Table A2.5: Average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	36.1	36.9	37.9	37.2
All	All	Local	25.3	26.5	28.2	27.8
All	All	Arterial	58.0	57.2	57.0	57.0
All	Urban	All	34.5	35.1	36.1	35.4
All	Urban	Local	25.2	26.3	27.9	27.5
All	Urban	Arterial	55.3	54.3	53.9	53.8
All	Regional	All	65.3	65.8	66.0	65.3
All	Regional	Local	32.0	36.9	37.4	37.0
All	Regional	Arterial	79.0	77.6	78.4	78.6
50 km/h	All	All	17.2	18.2	19.9	19.8
50 km/h	All	Local	17.2	18.2	19.9	19.8
50 km/h	Urban	All	17.1	18.1	19.8	19.7
50 km/h	Urban	Local	17.1	18.1	19.8	19.7
50 km/h	Regional	All	20.7	22.6	23.3	23.5
50 km/h	Regional	Local	20.7	22.6	23.3	23.5
60 km/h	All	All	38.7	38.3	38.2	37.9
60 km/h	All	Local	37.3	37.3	37.4	37.0
60 km/h	All	Arterial	40.7	39.7	39.4	39.3
60 km/h	Urban	All	38.6	38.2	38.1	37.9
60 km/h	Urban	Local	37.3	37.3	37.4	37.1
60 km/h	Urban	Arterial	40.5	39.5	39.2	39.0
60 km/h	Regional	All	43.3	42.5	43.4	41.1
60 km/h	Regional	Local	36.7	35.8	37.0	32.4
60 km/h	Regional	Arterial	46.3	45.6	46.4	46.4
80 km/h	All	All	64.4	63.8	63.2	63.0
80 km/h	All	Local	60.3	59.7	58.7	57.6
80 km/h	All	Arterial	65.9	65.5	65.2	65.6
80 km/h	Urban	All	64.1	63.5	62.9	62.5
80 km/h	Urban	Local	60.9	60.2	59.0	57.8
80 km/h	Urban	Arterial	65.3	64.9	64.7	65.0
80 km/h	Regional	All	67.1	66.3	66.2	66.3
80 km/h	Regional	Local	52.1	53.0	55.0	55.5
80 km/h	Regional	Arterial	70.4	69.4	69.1	69.4
100 km/h	All	All	86.4	85.0	84.1	85.5
100 km/h	All	Local	57.3	59.5	56.9	60.0
100 km/h	All	Arterial	88.8	87.4	86.7	88.1
100 km/h	Urban	All	87.7	86.5	85.1	86.6
100 km/h	Urban	Local	69.9	64.3	64.2	63.1
100 km/h	Urban	Arterial	88.7	87.6	86.1	87.9

100 km/h	Regional	All	84.1	82.9	82.5	83.9
100 km/h	Regional	Local	47.7	57.2	53.7	58.4
100 km/h	Regional	Arterial	89.0	87.0	87.7	88.2
110 km/h	All	All	98.5	98.6	98.0	99.1
110 km/h	All	Local		4.0	7.7	58.0
110 km/h	All	Arterial	98.5	98.6	98.0	99.1
110 km/h	Urban	All	98.5	98.6	98.0	99.1
110 km/h	Urban	Local		4.0	7.7	58.0
110 km/h	Urban	Arterial	98.5	98.6	98.0	99.1

Table A2.6: Percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	56.4%	57.5%	59.0%	58.3%
All	All	Local	46.8%	48.7%	51.3%	50.6%
All	All	Arterial	76.0%	74.8%	74.3%	74.3%
All	Urban	All	55.4%	56.3%	57.9%	57.1%
All	Urban	Local	46.8%	48.6%	51.2%	50.5%
All	Urban	Arterial	74.6%	73.3%	72.6%	72.6%
All	Regional	All	75.5%	75.9%	76.1%	75.8%
All	Regional	Local	48.9%	53.8%	54.2%	54.3%
All	Regional	Arterial	86.4%	84.9%	85.6%	86.0%

Table A2.7: Compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	74.1%	77.4%	79.9%	79.6%
All	All	Local	Compliance	82.3%	84.1%	85.2%	85.2%
All	All	Arterial	Compliance	66.9%	71.3%	74.6%	73.9%
All	Urban	All	Compliance	74.8%	78.1%	80.6%	80.4%
All	Urban	Local	Compliance	82.5%	84.3%	85.5%	85.6%
All	Urban	Arterial	Compliance	66.9%	71.4%	75.1%	74.3%
All	Regional	All	Compliance	67.8%	72.0%	73.4%	73.0%
All	Regional	Local	Compliance	73.8%	77.3%	77.8%	76.9%
All	Regional	Arterial	Compliance	66.8%	70.9%	72.5%	72.1%
50 km/h	All	All	Compliance	87.8%	89.1%	89.9%	89.9%
50 km/h	All	Local	Compliance	87.8%	89.1%	89.9%	89.9%
50 km/h	Urban	All	Compliance	88.4%	89.7%	90.5%	90.6%
50 km/h	Urban	Local	Compliance	88.4%	89.7%	90.5%	90.6%
50 km/h	Regional	All	Compliance	65.1%	66.0%	66.9%	66.3%
50 km/h	Regional	Local	Compliance	65.1%	66.0%	66.9%	66.3%
60 km/h	All	All	Compliance	78.1%	80.8%	82.7%	82.8%
60 km/h	All	Local	Compliance	81.0%	83.0%	84.1%	84.1%
60 km/h	All	Arterial	Compliance	74.4%	78.0%	80.8%	81.1%
60 km/h	Urban	All	Compliance	78.4%	81.2%	83.1%	83.3%
60 km/h	Urban	Local	Compliance	81.3%	83.3%	84.4%	84.4%
60 km/h	Urban	Arterial	Compliance	74.7%	78.4%	81.2%	81.6%
60 km/h	Regional	All	Compliance	63.1%	66.7%	67.3%	67.1%
60 km/h	Regional	Local	Compliance	58.1%	60.2%	59.5%	61.9%
60 km/h	Regional	Arterial	Compliance	64.9%	69.1%	70.3%	69.3%
80 km/h	All	All	Compliance	60.6%	64.0%	66.8%	66.5%
80 km/h	All	Local	Compliance	70.6%	74.7%	76.0%	75.9%
80 km/h	All	Arterial	Compliance	57.2%	60.0%	63.1%	62.6%
80 km/h	Urban	All	Compliance	61.4%	64.8%	67.7%	67.6%
80 km/h	Urban	Local	Compliance	70.8%	75.0%	76.3%	76.2%
80 km/h	Urban	Arterial	Compliance	57.9%	60.7%	64.0%	63.7%
80 km/h	Regional	All	Compliance	54.6%	57.8%	60.0%	58.8%
80 km/h	Regional	Local	Compliance	67.7%	71.0%	71.3%	71.2%
80 km/h	Regional	Arterial	Compliance	52.5%	55.4%	57.7%	55.9%
100 km/h	All	All	Compliance	61.8%	68.5%	72.6%	71.0%
100 km/h	All	Local	Compliance	89.0%	93.8%	95.0%	94.9%
100 km/h	All	Arterial	Compliance	60.4%	67.0%	71.2%	69.4%
100 km/h	Urban	All	Compliance	57.1%	64.3%	69.8%	67.0%
100 km/h	Urban	Local	Compliance	84.6%	93.5%	95.1%	94.8%
100 km/h	Urban	Arterial	Compliance	56.0%	63.2%	68.9%	65.9%
100 km/h	Regional	All	Compliance	70.5%	75.3%	76.8%	76.8%
100 km/h	Regional	Local	Compliance	93.9%	94.0%	95.0%	95.0%

100 km/h	Regional	Arterial	Compliance	68.8%	73.3%	74.9%	74.8%
110 km/h	All	All	Compliance	55.9%	66.1%	71.4%	67.5%
110 km/h	All	Local	Compliance		100.0%	100.0%	100.0%
110 km/h	All	Arterial	Compliance	55.9%	66.1%	71.4%	67.5%
110 km/h	Urban	All	Compliance	55.9%	66.1%	71.4%	67.5%
110 km/h	Urban	Local	Compliance		100.0%	100.0%	100.0%
110 km/h	Urban	Arterial	Compliance	55.9%	66.1%	71.4%	67.5%
All	All	All	<10% above speed limit	16.0%	15.1%	14.1%	14.2%
All	All	Local	<10% above speed limit	8.7%	8.4%	8.0%	7.9%
All	All	Arterial	<10% above speed limit	22.6%	21.3%	20.0%	20.6%
All	Urban	All	<10% above speed limit	15.6%	14.5%	13.3%	13.4%
All	Urban	Local	<10% above speed limit	8.7%	8.4%	8.0%	7.9%
All	Urban	Arterial	<10% above speed limit	22.6%	21.0%	19.3%	20.0%
All	Regional	All	<10% above speed limit	20.6%	20.6%	20.3%	20.5%
All	Regional	Local	<10% above speed limit	8.6%	8.3%	8.1%	8.2%
All	Regional	Arterial	<10% above speed limit	22.6%	23.0%	22.9%	23.2%
50 km/h	All	All	<10% above speed limit	5.5%	5.1%	4.7%	4.7%
50 km/h	All	Local	<10% above speed limit	5.5%	5.1%	4.7%	4.7%
50 km/h	Urban	All	<10% above speed limit	5.4%	5.0%	4.6%	4.5%
50 km/h	Urban	Local	<10% above speed limit	5.4%	5.0%	4.6%	4.5%
50 km/h	Regional	All	<10% above speed limit	9.2%	9.2%	8.7%	8.7%
50 km/h	Regional	Local	<10% above speed limit	9.2%	9.2%	8.7%	8.7%
60 km/h	All	All	<10% above speed limit	11.9%	11.0%	10.2%	10.0%
60 km/h	All	Local	<10% above speed limit	10.0%	9.5%	9.2%	9.1%
60 km/h	All	Arterial	<10% above speed limit	14.2%	12.9%	11.7%	11.3%
60 km/h	Urban	All	<10% above speed limit	11.8%	10.9%	10.1%	9.9%
60 km/h	Urban	Local	<10% above speed limit	10.0%	9.5%	9.2%	9.1%
60 km/h	Urban	Arterial	<10% above speed limit	14.1%	12.8%	11.5%	11.1%
60 km/h	Regional	All	<10% above speed limit	14.7%	13.9%	13.8%	14.4%
60 km/h	Regional	Local	<10% above speed limit	9.9%	9.4%	9.6%	9.5%
60 km/h	Regional	Arterial	<10% above speed limit	16.3%	15.6%	15.5%	16.5%
80 km/h	All	All	<10% above speed limit	22.0%	22.6%	22.8%	23.1%
80 km/h	All	Local	<10% above speed limit	17.5%	17.5%	16.9%	17.2%
80 km/h	All	Arterial	<10% above speed limit	23.6%	24.5%	25.1%	25.6%
80 km/h	Urban	All	<10% above speed limit	21.8%	22.3%	22.6%	22.7%
80 km/h	Urban	Local	<10% above speed limit	17.6%	17.7%	17.1%	17.4%
80 km/h	Urban	Arterial	<10% above speed limit	23.3%	24.1%	25.0%	25.2%
80 km/h	Regional	All	<10% above speed limit	24.3%	25.3%	24.1%	26.0%
80 km/h	Regional	Local	<10% above speed limit	15.8%	15.2%	15.2%	15.0%
80 km/h	Regional	Arterial	<10% above speed limit	25.7%	27.1%	26.0%	28.5%
100 km/h	All	All	<10% above speed limit	31.1%	28.6%	26.1%	27.6%
100 km/h	All	Local	<10% above speed limit	6.8%	5.1%	4.6%	4.6%
100 km/h	All	Arterial	<10% above speed limit	32.4%	30.0%	27.4%	29.2%
100 km/h	Urban	All	<10% above speed limit	36.0%	32.9%	29.0%	31.7%
100 km/h	Urban	Local	<10% above speed limit	8.6%	4.7%	4.6%	4.8%

100 km/h	Urban	Arterial	<10% above speed limit	37.1%	33.9%	29.9%	32.8%
100 km/h	Regional	All	<10% above speed limit	22.0%	21.7%	21.6%	21.6%
100 km/h	Regional	Local	<10% above speed limit	4.8%	5.4%	4.6%	4.5%
100 km/h	Regional	Arterial	<10% above speed limit	23.2%	23.5%	23.5%	23.5%
110 km/h	All	All	<10% above speed limit	37.0%	30.1%	26.2%	29.8%
110 km/h	All	Local	<10% above speed limit		0.0%	0.0%	0.0%
110 km/h	All	Arterial	<10% above speed limit	37.0%	30.1%	26.2%	29.8%
110 km/h	Urban	All	<10% above speed limit	37.0%	30.1%	26.2%	29.8%
110 km/h	Urban	Local	<10% above speed limit		0.0%	0.0%	0.0%
110 km/h	Urban	Arterial	<10% above speed limit	37.0%	30.1%	26.2%	29.8%
All	All	All	10-20% above speed limit	5.1%	4.2%	3.7%	3.8%
All	All	Local	10-20% above speed limit	4.2%	3.8%	3.5%	3.5%
All	All	Arterial	10-20% above speed limit	5.8%	4.7%	4.0%	4.0%
All	Urban	All	10-20% above speed limit	5.1%	4.3%	3.8%	3.8%
All	Urban	Local	10-20% above speed limit	4.1%	3.8%	3.5%	3.5%
All	Urban	Arterial	10-20% above speed limit	6.0%	4.8%	4.1%	4.1%
All	Regional	All	10-20% above speed limit	5.0%	3.9%	3.6%	3.7%
All	Regional	Local	10-20% above speed limit	5.4%	4.4%	4.3%	4.6%
All	Regional	Arterial	10-20% above speed limit	4.9%	3.8%	3.5%	3.5%
50 km/h	All	All	10-20% above speed limit	2.5%	2.2%	2.0%	2.0%
50 km/h	All	Local	10-20% above speed limit	2.5%	2.2%	2.0%	2.0%
50 km/h	Urban	All	10-20% above speed limit	2.4%	2.1%	1.9%	1.9%
50 km/h	Urban	Local	10-20% above speed limit	2.4%	2.1%	1.9%	1.9%
50 km/h	Regional	All	10-20% above speed limit	6.1%	6.0%	5.7%	5.9%
50 km/h	Regional	Local	10-20% above speed limit	6.1%	6.0%	5.7%	5.9%
60 km/h	All	All	10-20% above speed limit	5.7%	5.0%	4.5%	4.5%
60 km/h	All	Local	10-20% above speed limit	4.9%	4.5%	4.3%	4.3%
60 km/h	All	Arterial	10-20% above speed limit	6.7%	5.7%	4.9%	4.9%
60 km/h	Urban	All	10-20% above speed limit	5.7%	4.9%	4.4%	4.4%
60 km/h	Urban	Local	10-20% above speed limit	4.9%	4.4%	4.2%	4.3%
60 km/h	Urban	Arterial	10-20% above speed limit	6.6%	5.6%	4.8%	4.7%
60 km/h	Regional	All	10-20% above speed limit	9.7%	8.7%	8.4%	8.6%
60 km/h	Regional	Local	10-20% above speed limit	8.6%	7.6%	7.8%	7.6%
60 km/h	Regional	Arterial	10-20% above speed limit	10.1%	9.1%	8.7%	9.0%
80 km/h	All	All	10-20% above speed limit	9.9%	8.9%	8.3%	8.1%
80 km/h	All	Local	10-20% above speed limit	7.6%	5.8%	5.6%	5.5%
80 km/h	All	Arterial	10-20% above speed limit	10.8%	10.1%	9.3%	9.2%
80 km/h	Urban	All	10-20% above speed limit	9.6%	8.5%	7.7%	7.5%
80 km/h	Urban	Local	10-20% above speed limit	7.4%	5.6%	5.4%	5.2%
80 km/h	Urban	Arterial	10-20% above speed limit	10.4%	9.6%	8.7%	8.6%
80 km/h	Regional	All	10-20% above speed limit	13.2%	12.4%	12.3%	12.1%
80 km/h	Regional	Local	10-20% above speed limit	10.7%	9.3%	9.1%	9.1%
80 km/h	Regional	Arterial	10-20% above speed limit	13.6%	12.9%	13.0%	12.7%
100 km/h	All	All	10-20% above speed limit	3.0%	1.6%	1.0%	1.1%
100 km/h	All	Local	10-20% above speed limit	1.8%	0.6%	0.3%	0.4%

100 km/h	All	Arterial	10-20% above speed limit	3.0%	1.6%	1.1%	1.1%
100 km/h	Urban	All	10-20% above speed limit	3.1%	1.6%	0.9%	1.0%
100 km/h	Urban	Local	10-20% above speed limit	2.7%	0.7%	0.3%	0.3%
100 km/h	Urban	Arterial	10-20% above speed limit	3.1%	1.6%	0.9%	1.0%
100 km/h	Regional	All	10-20% above speed limit	2.8%	1.6%	1.2%	1.2%
100 km/h	Regional	Local	10-20% above speed limit	0.8%	0.5%	0.3%	0.4%
100 km/h	Regional	Arterial	10-20% above speed limit	2.9%	1.7%	1.3%	1.3%
110 km/h	All	All	10-20% above speed limit	7.1%	3.7%	2.4%	2.7%
110 km/h	All	Local	10-20% above speed limit		0.0%	0.0%	0.0%
110 km/h	All	Arterial	10-20% above speed limit	7.1%	3.7%	2.4%	2.7%
110 km/h	Urban	All	10-20% above speed limit	7.1%	3.7%	2.4%	2.7%
110 km/h	Urban	Local	10-20% above speed limit		0.0%	0.0%	0.0%
110 km/h	Urban	Arterial	10-20% above speed limit	7.1%	3.7%	2.4%	2.7%
All	All	All	>20% above speed limit	4.8%	3.2%	2.3%	2.4%
All	All	Local	>20% above speed limit	4.9%	3.8%	3.2%	3.3%
All	All	Arterial	>20% above speed limit	4.7%	2.7%	1.5%	1.5%
All	Urban	All	>20% above speed limit	4.6%	3.2%	2.3%	2.4%
All	Urban	Local	>20% above speed limit	4.7%	3.5%	3.0%	3.0%
All	Urban	Arterial	>20% above speed limit	4.6%	2.8%	1.5%	1.6%
All	Regional	All	>20% above speed limit	6.6%	3.6%	2.7%	2.8%
All	Regional	Local	>20% above speed limit	12.2%	10.0%	9.8%	10.3%
All	Regional	Arterial	>20% above speed limit	5.7%	2.3%	1.2%	1.2%
50 km/h	All	All	>20% above speed limit	4.2%	3.5%	3.4%	3.4%
50 km/h	All	Local	>20% above speed limit	4.2%	3.5%	3.4%	3.4%
50 km/h	Urban	All	>20% above speed limit	3.8%	3.1%	2.9%	3.0%
50 km/h	Urban	Local	>20% above speed limit	3.8%	3.1%	2.9%	3.0%
50 km/h	Regional	All	>20% above speed limit	19.6%	18.7%	18.6%	19.1%
50 km/h	Regional	Local	>20% above speed limit	19.6%	18.7%	18.6%	19.1%
60 km/h	All	All	>20% above speed limit	4.3%	3.2%	2.5%	2.6%
60 km/h	All	Local	>20% above speed limit	4.0%	3.0%	2.4%	2.5%
60 km/h	All	Arterial	>20% above speed limit	4.7%	3.4%	2.6%	2.8%
60 km/h	Urban	All	>20% above speed limit	4.1%	3.0%	2.3%	2.4%
60 km/h	Urban	Local	>20% above speed limit	3.8%	2.8%	2.2%	2.2%
60 km/h	Urban	Arterial	>20% above speed limit	4.5%	3.3%	2.5%	2.6%
60 km/h	Regional	All	>20% above speed limit	12.5%	10.7%	10.4%	9.9%
60 km/h	Regional	Local	>20% above speed limit	23.5%	22.8%	23.1%	21.0%
60 km/h	Regional	Arterial	>20% above speed limit	8.6%	6.3%	5.5%	5.2%
80 km/h	All	All	>20% above speed limit	7.4%	4.5%	2.2%	2.3%
80 km/h	All	Local	>20% above speed limit	4.3%	1.9%	1.4%	1.4%
80 km/h	All	Arterial	>20% above speed limit	8.4%	5.5%	2.5%	2.6%
80 km/h	Urban	All	>20% above speed limit	7.3%	4.5%	2.0%	2.1%
80 km/h	Urban	Local	>20% above speed limit	4.2%	1.7%	1.2%	1.2%
80 km/h	Urban	Arterial	>20% above speed limit	8.5%	5.6%	2.3%	2.6%
80 km/h	Regional	All	>20% above speed limit	7.9%	4.5%	3.5%	3.2%
80 km/h	Regional	Local	>20% above speed limit	5.9%	4.5%	4.4%	4.6%

80 km/h	Regional	Arterial	>20% above speed limit	8.3%	4.5%	3.3%	2.9%
100 km/h	All	All	>20% above speed limit	4.1%	1.3%	0.3%	0.3%
100 km/h	All	Local	>20% above speed limit	2.4%	0.5%	0.1%	0.1%
100 km/h	All	Arterial	>20% above speed limit	4.2%	1.4%	0.3%	0.3%
100 km/h	Urban	All	>20% above speed limit	3.8%	1.2%	0.2%	0.3%
100 km/h	Urban	Local	>20% above speed limit	4.2%	1.1%	0.1%	0.1%
100 km/h	Urban	Arterial	>20% above speed limit	3.8%	1.2%	0.3%	0.3%
100 km/h	Regional	All	>20% above speed limit	4.7%	1.4%	0.3%	0.4%
100 km/h	Regional	Local	>20% above speed limit	0.5%	0.2%	0.1%	0.1%
100 km/h	Regional	Arterial	>20% above speed limit	5.0%	1.6%	0.4%	0.4%
110 km/h	All	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	All	Local	>20% above speed limit		0.0%	0.0%	0.0%
110 km/h	All	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit		0.0%	0.0%	0.0%
110 km/h	Urban	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%

Table A2.8: Average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	58.2	57.8	57.9	58.2
50 km/h	All	Local	All speeding	58.2	57.8	57.9	58.2
50 km/h	Urban	All	All speeding	58.0	57.5	57.6	57.8
50 km/h	Urban	Local	All speeding	58.0	57.5	57.6	57.8
50 km/h	Regional	All	All speeding	61.7	61.5	61.6	61.9
50 km/h	Regional	Local	All speeding	61.7	61.5	61.6	61.9
60 km/h	All	All	All speeding	67.1	66.5	66.1	66.2
60 km/h	All	Local	All speeding	67.3	66.6	66.2	66.3
60 km/h	All	Arterial	All speeding	66.9	66.3	65.9	66.1
60 km/h	Urban	All	All speeding	67.0	66.3	65.9	66.1
60 km/h	Urban	Local	All speeding	67.1	66.4	65.9	66.0
60 km/h	Urban	Arterial	All speeding	66.8	66.3	65.9	66.1
60 km/h	Regional	All	All speeding	69.6	69.4	69.4	69.1
60 km/h	Regional	Local	All speeding	74.7	75.4	75.5	74.8
60 km/h	Regional	Arterial	All speeding	67.6	66.9	66.6	66.4
80 km/h	All	All	All speeding	89.2	87.7	86.5	86.5
80 km/h	All	Local	All speeding	88.0	86.3	86.0	86.0
80 km/h	All	Arterial	All speeding	89.5	88.0	86.7	86.7
80 km/h	Urban	All	All speeding	89.3	87.7	86.4	86.5
80 km/h	Urban	Local	All speeding	87.9	86.2	85.8	85.8
80 km/h	Urban	Arterial	All speeding	89.6	88.1	86.6	86.7
80 km/h	Regional	All	All speeding	89.0	87.4	87.1	86.8
80 km/h	Regional	Local	All speeding	89.0	88.4	88.3	88.4

80 km/h	Regional	Arterial	All speeding	89.0	87.3	86.9	86.6
100 km/h	All	All	All speeding	109.0	105.9	104.4	104.6
100 km/h	All	Local	All speeding	110.3	105.7	104.1	104.6
100 km/h	All	Arterial	All speeding	109.0	105.9	104.4	104.6
100 km/h	Urban	All	All speeding	109.3	106.2	104.6	104.8
100 km/h	Urban	Local	All speeding	111.7	108.2	104.4	104.4
100 km/h	Urban	Arterial	All speeding	109.2	106.2	104.6	104.8
100 km/h	Regional	All	All speeding	108.3	105.2	104.1	104.1
100 km/h	Regional	Local	All speeding	106.6	104.2	104.0	104.8
100 km/h	Regional	Arterial	All speeding	108.3	105.3	104.1	104.1
110 km/h	All	All	All speeding	119.0	117.4	116.8	117.2
110 km/h	All	Arterial	All speeding	119.0	117.4	116.8	117.2
110 km/h	Urban	All	All speeding	119.0	117.4	116.8	117.2
110 km/h	Urban	Arterial	All speeding	119.0	117.4	116.8	117.2
50 km/h	All	All	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	All	Local	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	Urban	All	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	Urban	Local	<10% above speed limit	52.8	52.7	52.7	52.8
50 km/h	Regional	All	<10% above speed limit	52.9	52.9	52.9	52.9
50 km/h	Regional	Local	<10% above speed limit	52.9	52.9	52.9	52.9
60 km/h	All	All	<10% above speed limit	63.2	63.2	63.1	63.2
60 km/h	All	Local	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	All	Arterial	<10% above speed limit	63.3	63.2	63.2	63.2
60 km/h	Urban	All	<10% above speed limit	63.2	63.2	63.1	63.2
60 km/h	Urban	Local	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Urban	Arterial	<10% above speed limit	63.3	63.2	63.2	63.2
60 km/h	Regional	All	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Regional	Local	<10% above speed limit	63.3	63.3	63.2	63.3
60 km/h	Regional	Arterial	<10% above speed limit	63.1	63.1	63.1	63.1
80 km/h	All	All	<10% above speed limit	84.4	84.2	84.2	84.2
80 km/h	All	Local	<10% above speed limit	84.0	83.8	83.9	83.9
80 km/h	All	Arterial	<10% above speed limit	84.5	84.3	84.3	84.3
80 km/h	Urban	All	<10% above speed limit	84.4	84.2	84.2	84.3
80 km/h	Urban	Local	<10% above speed limit	84.0	83.8	83.9	83.9
80 km/h	Urban	Arterial	<10% above speed limit	84.5	84.3	84.3	84.4
80 km/h	Regional	All	<10% above speed limit	84.1	84.1	84.1	84.1
80 km/h	Regional	Local	<10% above speed limit	84.2	84.1	84.1	84.1
80 km/h	Regional	Arterial	<10% above speed limit	84.1	84.1	84.1	84.1
100 km/h	All	All	<10% above speed limit	106.3	104.6	103.9	104.0
100 km/h	All	Local	<10% above speed limit	104.4	103.2	103.2	103.5
100 km/h	All	Arterial	<10% above speed limit	106.3	104.6	103.9	104.0
100 km/h	Urban	All	<10% above speed limit	107.0	105.1	104.1	104.3
100 km/h	Urban	Local	<10% above speed limit	104.7	103.8	103.5	103.5
100 km/h	Urban	Arterial	<10% above speed limit	107.0	105.1	104.1	104.4
100 km/h	Regional	All	<10% above speed limit	104.0	103.4	103.3	103.3

100 km/h	Regional	Local	<10% above speed limit	103.8	102.9	103.0	103.5
100 km/h	Regional	Arterial	<10% above speed limit	104.0	103.5	103.4	103.3
110 km/h	All	All	<10% above speed limit	117.4	116.3	116.0	116.4
110 km/h	All	Arterial	<10% above speed limit	117.4	116.3	116.0	116.4
110 km/h	Urban	All	<10% above speed limit	117.4	116.3	116.0	116.4
110 km/h	Urban	Arterial	<10% above speed limit	117.4	116.3	116.0	116.4
50 km/h	All	All	10-20% above speed limit	57.7	57.7	57.7	57.8
50 km/h	All	Local	10-20% above speed limit	57.7	57.7	57.7	57.8
50 km/h	Urban	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Regional	All	10-20% above speed limit	57.9	57.9	57.9	57.9
50 km/h	Regional	Local	10-20% above speed limit	57.9	57.9	57.9	57.9
60 km/h	All	All	10-20% above speed limit	69.2	69.1	69.1	69.1
60 km/h	All	Local	10-20% above speed limit	69.2	69.1	69.0	69.1
60 km/h	All	Arterial	10-20% above speed limit	69.3	69.2	69.1	69.1
60 km/h	Urban	All	10-20% above speed limit	69.2	69.1	69.1	69.1
60 km/h	Urban	Local	10-20% above speed limit	69.2	69.1	69.0	69.0
60 km/h	Urban	Arterial	10-20% above speed limit	69.3	69.2	69.1	69.2
60 km/h	Regional	All	10-20% above speed limit	69.1	69.1	69.1	69.1
60 km/h	Regional	Local	10-20% above speed limit	69.2	69.2	69.2	69.3
60 km/h	Regional	Arterial	10-20% above speed limit	69.1	69.0	69.0	69.0
80 km/h	All	All	10-20% above speed limit	92.8	92.4	92.0	92.0
80 km/h	All	Local	10-20% above speed limit	92.0	91.7	91.6	91.6
80 km/h	All	Arterial	10-20% above speed limit	92.9	92.5	92.1	92.1
80 km/h	Urban	All	10-20% above speed limit	92.9	92.5	92.1	92.1
80 km/h	Urban	Local	10-20% above speed limit	92.0	91.6	91.6	91.5
80 km/h	Urban	Arterial	10-20% above speed limit	93.1	92.6	92.2	92.2
80 km/h	Regional	All	10-20% above speed limit	92.0	91.9	91.8	91.7
80 km/h	Regional	Local	10-20% above speed limit	92.0	91.9	91.9	91.9
80 km/h	Regional	Arterial	10-20% above speed limit	92.1	91.9	91.8	91.7
100 km/h	All	All	10-20% above speed limit	116.8	115.6	114.3	114.3
100 km/h	All	Local	10-20% above speed limit	115.5	114.7	113.9	113.8
100 km/h	All	Arterial	10-20% above speed limit	116.8	115.6	114.3	114.3
100 km/h	Urban	All	10-20% above speed limit	117.4	116.1	114.5	114.6
100 km/h	Urban	Local	10-20% above speed limit	115.9	115.6	114.3	114.0
100 km/h	Urban	Arterial	10-20% above speed limit	117.5	116.1	114.5	114.6
100 km/h	Regional	All	10-20% above speed limit	115.6	114.9	114.0	113.9
100 km/h	Regional	Local	10-20% above speed limit	114.1	114.0	113.7	113.7
100 km/h	Regional	Arterial	10-20% above speed limit	115.6	114.9	114.0	113.9
110 km/h	All	All	10-20% above speed limit	127.8	126.7	125.8	125.9
110 km/h	All	Arterial	10-20% above speed limit	127.8	126.7	125.8	125.9
110 km/h	Urban	All	10-20% above speed limit	127.8	126.7	125.8	125.9
110 km/h	Urban	Arterial	10-20% above speed limit	127.8	126.7	125.8	125.9
50 km/h	All	All	>20% above speed limit	69.0	68.6	68.7	69.3
50 km/h	All	Local	>20% above speed limit	69.0	68.6	68.7	69.3

50 km/h	Urban	All	>20% above speed limit	69.0	68.5	68.6	69.2
50 km/h	Urban	Local	>20% above speed limit	69.0	68.5	68.6	69.2
50 km/h	Regional	All	>20% above speed limit	69.5	69.3	69.3	69.8
50 km/h	Regional	Local	>20% above speed limit	69.5	69.3	69.3	69.8
60 km/h	All	All	>20% above speed limit	80.8	80.4	79.6	80.0
60 km/h	All	Local	>20% above speed limit	81.3	80.6	79.8	80.0
60 km/h	All	Arterial	>20% above speed limit	80.4	80.0	79.4	80.0
60 km/h	Urban	All	>20% above speed limit	80.8	80.1	79.2	79.7
60 km/h	Urban	Local	>20% above speed limit	81.0	80.1	79.0	79.3
60 km/h	Urban	Arterial	>20% above speed limit	80.5	80.1	79.5	80.2
60 km/h	Regional	All	>20% above speed limit	82.1	82.9	83.3	82.9
60 km/h	Regional	Local	>20% above speed limit	84.9	85.9	86.3	85.7
60 km/h	Regional	Arterial	>20% above speed limit	79.4	78.9	78.4	78.1
80 km/h	All	All	>20% above speed limit	105.9	103.9	101.6	102.3
80 km/h	All	Local	>20% above speed limit	104.5	103.8	101.8	102.2
80 km/h	All	Arterial	>20% above speed limit	106.1	103.9	101.5	102.3
80 km/h	Urban	All	>20% above speed limit	105.8	103.9	101.6	102.4
80 km/h	Urban	Local	>20% above speed limit	104.6	104.0	101.7	102.3
80 km/h	Urban	Arterial	>20% above speed limit	106.1	103.9	101.6	102.5
80 km/h	Regional	All	>20% above speed limit	106.3	103.6	101.2	101.3
80 km/h	Regional	Local	>20% above speed limit	103.3	102.8	102.2	102.0
80 km/h	Regional	Arterial	>20% above speed limit	106.7	103.8	100.9	101.1
100 km/h	All	All	>20% above speed limit	128.3	128.0	126.4	126.9
100 km/h	All	Local	>20% above speed limit	126.9	127.1	127.1	133.5
100 km/h	All	Arterial	>20% above speed limit	128.4	128.0	126.3	126.8
100 km/h	Urban	All	>20% above speed limit	128.3	128.0	126.6	126.8
100 km/h	Urban	Local	>20% above speed limit	126.9	127.1	127.5	128.7
100 km/h	Urban	Arterial	>20% above speed limit	128.3	128.0	126.6	126.8
100 km/h	Regional	All	>20% above speed limit	128.4	128.0	126.1	127.0
100 km/h	Regional	Local	>20% above speed limit	126.8	127.4	126.9	135.7
100 km/h	Regional	Arterial	>20% above speed limit	128.4	128.0	126.1	126.7
110 km/h	All	All	>20% above speed limit	142.2	138.5	139.3	143.9
110 km/h	All	Arterial	>20% above speed limit	142.2	138.5	139.3	143.9
110 km/h	Urban	All	>20% above speed limit	142.2	138.5	139.3	143.9
110 km/h	Urban	Arterial	>20% above speed limit	142.2	138.5	139.3	143.9

A2.3 Confidence ratings for LGAs

Table A2.9: Proportion of road lengths covered by data, local government areas in Queensland, 2016 to 2019

LGA	Arterial roads				All roads			
	2016	2017	2018	2019	2016	2017	2018	2019
Aurukun					50%	46%	51%	54%
Balonne	99%	100%	98%	100%	33%	36%	43%	35%
Banana	100%	100%	100%	100%	61%	60%	60%	66%
Barcaldine	88%	92%	84%	89%	18%	22%	21%	25%
Barcoo	58%	99%	100%	98%	9%	16%	13%	14%
Blackall-Tambo	76%	70%	72%	81%	19%	19%	16%	22%
Boulia	50%	50%	44%	38%	11%	10%	8%	8%
Brisbane	100%	100%	100%	100%	85%	86%	85%	86%
Bulloo	57%	53%	53%	52%	19%	21%	20%	20%
Bundaberg	100%	97%	99%	98%	68%	71%	71%	73%
Burdekin	100%	100%	100%	100%	68%	75%	79%	82%
Burke	27%	82%	88%	88%	14%	23%	24%	23%
Cairns	100%	100%	100%	100%	86%	86%	88%	88%
Carpentaria	46%	50%	35%	31%	14%	15%	11%	11%
Cassowary Coast	100%	100%	100%	100%	69%	68%	70%	72%
Central Highlands	91%	91%	92%	92%	54%	59%	61%	63%
Charters Towers	94%	100%	100%	99%	29%	31%	31%	36%
Cherbourg					79%	87%	96%	94%
Cloncurry	74%	75%	81%	80%	27%	30%	29%	35%
Cook	86%	92%	66%	74%	17%	19%	17%	19%
Croydon	100%	100%	95%	91%	11%	12%	7%	11%
Diamantina	53%	70%	34%	45%	10%	10%	8%	8%
Doomadgee					40%	45%	41%	48%
Douglas	100%	100%	100%	100%	62%	63%	69%	69%
Etheridge	87%	98%	65%	80%	26%	28%	21%	25%
Flinders	81%	75%	57%	61%	17%	16%	14%	15%
Fraser Coast	100%	100%	100%	100%	54%	61%	58%	59%
Gladstone	100%	100%	99%	99%	66%	70%	70%	70%
Gold Coast	100%	100%	100%	100%	86%	86%	86%	86%
Goondiwindi	100%	100%	99%	99%	42%	47%	49%	49%
Gympie	99%	100%	99%	100%	60%	59%	60%	68%
Hinchinbrook	100%	100%	100%	100%	63%	66%	80%	83%
Hope Vale					30%	34%	36%	36%
Ipswich	100%	100%	100%	100%	90%	89%	90%	90%
Isaac	99%	98%	99%	98%	54%	56%	60%	60%
Kowanyama					12%	27%	26%	22%
Livingstone	100%	100%	100%	100%	53%	53%	52%	56%
Lockhart River					4%	11%	9%	17%

Lockyer Valley	100%	100%	100%	100%	76%	74%	72%	73%
Logan	100%	100%	100%	100%	90%	92%	93%	93%
Longreach	99%	100%	98%	99%	22%	23%	19%	19%
Mackay	100%	100%	100%	100%	69%	70%	74%	77%
Mapoon					57%	60%	66%	72%
Maranoa	94%	100%	88%	91%	39%	39%	40%	45%
Mareeba	83%	91%	64%	62%	45%	47%	44%	45%
McKinlay	67%	78%	79%	79%	17%	23%	21%	25%
Moreton Bay	100%	100%	100%	100%	91%	92%	93%	93%
Mornington					4%	6%	20%	19%
Mount Isa	68%	69%	84%	71%	27%	32%	35%	34%
Murweh	83%	81%	97%	78%	26%	20%	25%	21%
Napranum	100%	100%	100%	100%	22%	11%	20%	21%
Noosa	100%	100%	100%	100%	88%	88%	84%	88%
North Burnett	97%	94%	94%	93%	30%	30%	31%	32%
Northern Peninsula Area					47%	76%	78%	78%
Palm Island					25%	30%	13%	17%
Paroo	83%	81%	86%	79%	12%	12%	14%	12%
Pormpuraaw					18%	34%	20%	29%
Quilpie	70%	81%	76%	75%	14%	17%	17%	14%
Redland	100%	100%	100%	100%	82%	81%	81%	80%
Richmond	100%	100%	100%	100%	10%	11%	12%	15%
Rockhampton	100%	100%	100%	100%	52%	57%	55%	58%
Scenic Rim	100%	100%	100%	100%	76%	73%	77%	75%
Somerset	100%	100%	100%	100%	63%	59%	60%	65%
South Burnett	95%	99%	99%	100%	51%	57%	61%	67%
Southern Downs	100%	100%	100%	99%	60%	66%	65%	65%
Sunshine Coast	100%	100%	100%	100%	88%	88%	87%	88%
Tablelands	100%	100%	100%	100%	60%	62%	65%	61%
Toowoomba	100%	100%	100%	100%	70%	74%	76%	77%
Torres					10%	13%	13%	15%
Torres Strait Island					30%	18%	20%	46%
Townsville	100%	100%	100%	100%	84%	83%	83%	86%
Weipa	100%	100%	100%	100%	96%	98%	97%	97%
Western Downs	100%	100%	100%	100%	48%	53%	62%	64%
Whitsunday	99%	99%	99%	100%	50%	56%	57%	59%
Winton	67%	81%	92%	75%	12%	13%	14%	17%
Woorabinda	100%	100%	100%	100%	64%	57%	68%	74%
Wujal Wujal					86%	86%	89%	88%
Yarrabah					95%	99%	100%	100%

Table A2.10: Data sufficiency ratio, local government areas in Queensland, 2016 to 2019

LGA	Arterial roads				All roads			
	2016	2017	2018	2019	2016	2017	2018	2019
Aurukun					19	5	13	410
Balonne	241	336	514	506	105	128	161	192
Banana	897	1,093	1,523	1,651	249	298	409	406
Barcardine	183	194	330	327	102	92	149	135
Barcoo	7	33	19	44	6	22	13	22
Blackall-Tambo	318	340	369	348	176	169	221	174
Boulia	40	40	14	16	33	35	13	14
Brisbane	42,397	42,878	46,223	51,117	5,640	5,711	6,131	6,735
Bulloo	9	16	30	30	6	7	12	12
Bundaberg	3,710	4,333	4,793	5,459	698	760	894	1,010
Burdekin	4,758	5,208	5,539	7,839	616	737	863	1,091
Burke	3	27	57	52	8	26	31	30
Cairns	11,113	13,788	15,327	17,672	1,873	2,312	2,576	2,971
Carpentaria	79	68	69	76	62	60	70	72
Cassowary Coast	4,607	4,559	5,008	6,126	1,088	1,066	1,130	1,319
Central Highlands	1,050	1,544	2,238	2,743	382	499	718	849
Charters Towers	794	1,731	1,548	1,428	336	677	595	462
Cherbourg					51	37	102	141
Cloncurry	276	729	515	488	176	451	371	358
Cook	172	282	400	355	153	254	445	275
Croydon	39	47	51	57	26	29	46	40
Diamantina	10	13	17	22	7	11	10	13
Doomadgee					11	15	18	59
Douglas	10,991	10,376	13,559	15,308	2,014	1,935	2,371	2,542
Etheridge	42	36	85	101	30	26	55	71
Flinders	181	1,299	1,416	921	124	837	804	539
Fraser Coast	4,289	5,136	5,412	6,216	648	695	779	901
Gladstone	6,729	7,342	8,432	8,798	1,438	1,424	1,643	1,655
Gold Coast	34,964	38,352	40,397	44,893	4,530	5,020	5,281	5,915
Goondiwindi	1,762	2,208	2,116	2,245	616	707	653	693
Gympie	2,263	2,734	3,072	3,935	510	624	689	796
Hinchinbrook	5,032	6,267	7,874	8,895	466	598	875	917
Hope Vale					95	76	82	160
Ipswich	18,421	20,282	22,239	24,396	2,909	3,158	3,497	3,910
Isaac	1,865	2,944	4,288	5,435	849	1,205	1,650	2,060
Kowanyama					5	22	56	86
Livingstone	4,741	4,890	4,262	6,269	933	906	786	1,085
Lockhart River					2	7	6	13
Lockyer Valley	9,494	12,308	12,800	13,616	1,361	1,840	1,947	2,055
Logan	33,777	38,197	44,474	49,835	4,290	4,824	5,700	6,462

Longreach	332	334	379	379	149	143	186	195
Mackay	3,177	4,477	6,308	8,443	710	981	1,333	1,712
Mapoon					12	45	13	140
Maranoa	1,010	1,089	1,351	1,542	340	355	363	373
Mareeba	653	944	1,921	2,070	288	441	680	697
McKinlay	287	1,566	1,236	812	190	887	780	425
Moreton Bay	21,713	23,189	25,801	30,509	2,999	3,245	3,679	4,306
Mornington					2	3	46	8
Mount Isa	647	884	704	875	316	392	360	401
Murweh	296	334	341	432	138	185	179	219
Napranum	28	41	43	50	6	35	16	88
Noosa	6,333	7,241	6,302	7,685	1,353	1,521	1,298	1,545
North Burnett	279	365	433	506	98	121	140	157
Northern Peninsula Area					10	55	136	92
Palm Island					13	8	5	8
Paroo	84	102	154	170	59	71	98	110
Pormpuraaw					5	9	2	16
Quilpie	54	58	104	97	50	39	62	67
Redland	12,015	12,255	12,611	13,320	1,552	1,551	1,578	1,684
Richmond	520	3,940	3,718	2,273	270	1,744	1,442	738
Rockhampton	4,146	5,159	6,458	7,568	797	888	1,193	1,307
Scenic Rim	3,245	3,814	4,174	4,427	782	965	1,030	1,116
Somerset	2,806	3,555	3,900	4,253	709	1,001	1,071	1,080
South Burnett	559	713	899	1,265	142	178	227	297
Southern Downs	2,149	2,607	2,551	2,898	465	516	522	610
Sunshine Coast	21,166	22,139	20,674	26,229	3,538	3,728	3,521	4,520
Tablelands	924	1,317	1,687	2,024	237	329	410	538
Toowoomba	2,660	3,166	3,620	3,812	630	713	810	838
Torres					11	37	68	77
Torres Strait Island					87	197	148	48
Townsville	7,840	9,517	9,566	11,199	1,459	1,850	1,816	1,951
Weipa	12,788	16,086	19,300	18,495	2,065	2,638	3,348	3,145
Western Downs	1,378	1,635	2,059	2,503	393	422	484	584
Whitsunday	2,695	3,510	3,967	5,384	808	932	1,042	1,302
Winton	257	255	298	393	148	158	209	182
Woorabinda	148	207	326	310	37	87	216	231
Wujal Wujal					143	255	204	275
Yarrabah					214	370	1,603	2,175

A2.4 Worst roads in Queensland, 2019

Table A2.11: Top 100 worst roads or road segments in Queensland, based on speeding metrics for 2019

Rank	Street name	SA2 area
1	Sandy Creek Road	Beaudesert
2	Omara Road	Toowoomba - West
3	Peter Crosby Way	Sippy Downs
4	Frizzo Road	Buderim - South
5	Dances Road	Caboolture
6	Sandalwood Lane	Buderim - North
7	University Way	Sippy Downs
8	Donnybrook Road	Beachmere - Sandstone Point
9	Crinum Road	Central Highlands - West
10	Pacific Highway	Loganholme - Tanah Merah
11	Aura Boulevard	Caloundra - West
12	Alexandra Parade - Brisbane Road - Venning Street - Mooloolaba Esplanade - Walan Street - Aerodrome Road (State Highway 6)	Mooloolaba - Alexandra Headland
13	Riverway Drive	Condon - Rasmussen
14	New Beith Road	Greenbank
15	Goodna Road	Greenbank Military Camp
16	Airport Link Tunnel	Windsor
17	Thornbill Drive	Greenbank
18	Connors Road	Ooralea - Bakers Creek
19	Brisbane Road	Goodna
20	Central Avenue	Weipa
21	Innes Drive	Deeragun
22	Rifle Range Road	Emerald
23	Lutwyche Road	Windsor
24	Brisbane Road	Riverview
25	Maroochydore Road (State Highway 8)	Maroochydore - Kuluin
26	Queen Street	Brisbane City
28	Ross River Road	Aitkenvale
28	Burnside Road	Ormeau - Yatala
29	Cunningham Drive N	Pimpama
30	William Street	Brisbane City
31	Bowen Road	Hermit Park - Rosslea

32	Hugh Street	Gulliver - Currajong - Vincent
33	Adelaide Street	Brisbane City
34	Roma Street	Brisbane City
35	Smith Street - North Street - Smith Street Motorway	Southport - North
36	Goodwin Road	Dakabin - Kallangur
37	Hugh Street - Bundock Street - Percy Street	Garbutt - West End
38	Angus Smith Drive	Douglas
39	Mooloolaba Road	Buderim - South
40	Redland Bay Road	Capalaba
41	University Road - Douglas Arterial Road (National Highway A1)	Annandale
42	Claymore Road	Sippy Downs
43	Robina Town Centre Drive	Robina
44	Riverway Drive	Kelso
45	Spring Mountain Boulevard	Springfield Lakes
46	Mayne Street	Maryborough Region - South
47	Gympie Road - Gympie Arterial Road (State Highway A3)	Carseldine
48	Hugh Street	Gulliver - Currajong - Vincent
49	Pimpama Jacobs Well Road	Pimpama
50	Waterford Tamborine Road	Tamborine - Canungra
51	Adelaide Park Road	Yeppoon
52	George Street	Brisbane City
53	New England Highway - Ruthven Street (State Highway A3)	North Toowoomba - Harlaxton
54	Australia li Drive	Lockyer Valley - East
55	Elizabeth Street	Brisbane City
56	Mains Road	Sunnybank
57	Moggill Ferry Road	Riverview
58	Lobelia Cir	Brisbane Airport
59	Pacific Motorway	Loganholme - Tanah Merah
60	Allan Street	Gatton
61	Middle Road	Gracemere
62	Tingira Street	Brisbane Airport
63	Stinson Avenue	Garbutt - West End
64	Doonan Bridge Road	Noosa Hinterland
65	Twenty Third Avenue - Railway Avenue - Marian Street - Powerhouse Road - Camooweal Road - Barkly Highway (State Highway 83)	Mount Isa
66	Verrierdale Road	Eumundi - Yandina
67	George Alexander Way	Coomera

68	Nathan Street	Cranbrook
69	Mount Lindesay Highway	Boronia Heights - Park Ridge
70	Bowen Bridge Road - Brunswick Street - Bradfield Highway - Gipps Street - Barry Parade - Kemp Place	Fortitude Valley
71	Main Street	Palmwoods
72	Pacific Highway	Slacks Creek
72	Old Pacific Highway	Oxenford - Maudsland
74	Mulgrave Street	Gin Gin
75	Albert Street	Bethania - Waterford
76	Beerburrum Road - Morayfield Road - King Street (State Highway 60)	Caboolture
77	Ross River Road	Cranbrook
78	Bushman Drive	Jimboomba
79	Ford Road	Rochedale - Burbank
80	Creek Street	Brisbane City
81	Theodore Moura Road	Banana
82	Bundock Street	Belgian Gardens - Pallarenda
83	Blackwell Street	Hillcrest
84	Days Road	Upper Coomera - Willow Vale
85	Eagle Street	Brisbane City
86	Opal Street	Emerald
87	Springfield Central Boulevard	Springfield Lakes
88	Charles N Barton Brg	Aitkenvale
90	Schneider Road	Brisbane Airport
90	Andrew Daniels Drive	Mount Isa Region
91	Peter Crosby Way	Landsborough
92	Peppertree Drive	Jimboomba
93	Lyndhurst Lane	Warwick
94	Bowen Road - Charters Towers Road	Hermit Park - Rosslea
95	Gilston Road	Nerang - Mount Nathan
96	Old Pacific Highway	Coomera
98	Gehrke Road	Lockyer Valley - East
98	Mount Glorious Road	Samford Valley
99	Gold Coast Highway - Remembrance Drive - Ferny Avenue (State Highway 2)	Surfers Paradise
100	Racecourse Road	Miles - Wandoan

A3. Summary speed tables - passenger vehicles

This section sets out summary tables for road performance by passenger vehicles in Queensland.

A3.1 Queensland summary speed tables

Table A3.1: Passenger vehicle average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	41.7	41.4	43.0	42.4
All	All	Local	23.6	23.9	26.1	25.9
All	All	Arterial	66.4	64.8	63.9	63.5
All	Urban	All	34.1	34.3	36.4	35.7
All	Urban	Local	22.7	23.3	25.4	25.0
All	Urban	Arterial	56.1	55.3	54.9	54.4
All	Regional	All	71.5	69.1	70.5	68.1
All	Regional	Local	32.3	30.8	34.0	34.0
All	Regional	Arterial	84.2	81.8	82.2	80.8
50 km/h	All	All	15.0	15.4	17.2	17.1
50 km/h	All	Local	15.0	15.4	17.2	17.1
50 km/h	Urban	All	14.9	15.3	17.0	16.9
50 km/h	Urban	Local	14.9	15.3	17.0	16.9
50 km/h	Regional	All	16.9	16.5	19.3	19.3
50 km/h	Regional	Local	16.9	16.5	19.3	19.3
60 km/h	All	All	38.0	37.2	36.7	36.0
60 km/h	All	Local	35.6	35.2	34.9	34.1
60 km/h	All	Arterial	40.7	39.5	38.7	38.3
60 km/h	Urban	All	37.8	37.0	36.4	35.8
60 km/h	Urban	Local	35.6	35.2	34.9	34.2
60 km/h	Urban	Arterial	40.2	39.0	38.2	37.7
60 km/h	Regional	All	40.7	40.0	40.1	39.2
60 km/h	Regional	Local	34.8	33.8	34.4	32.6
60 km/h	Regional	Arterial	45.1	44.6	44.2	44.4
80 km/h	All	All	63.4	62.3	61.6	60.9
80 km/h	All	Local	55.8	55.3	55.3	53.9
80 km/h	All	Arterial	65.8	64.7	63.9	63.5
80 km/h	Urban	All	63.3	62.0	60.9	60.2
80 km/h	Urban	Local	58.5	57.4	56.1	54.5
80 km/h	Urban	Arterial	64.9	63.6	62.8	62.5
80 km/h	Regional	All	63.7	63.2	64.0	63.2
80 km/h	Regional	Local	47.4	48.0	52.1	51.7
80 km/h	Regional	Arterial	68.3	67.6	67.6	67.0
100 km/h	All	All	86.2	83.7	83.4	82.1
100 km/h	All	Local	54.7	52.4	54.8	52.3

100 km/h	All	Arterial	89.5	87.2	86.6	85.9
100 km/h	Urban	All	83.8	82.0	82.2	82.9
100 km/h	Urban	Local	47.2	46.2	61.1	58.3
100 km/h	Urban	Arterial	88.0	86.7	83.9	84.6
100 km/h	Regional	All	87.1	84.5	83.9	81.7
100 km/h	Regional	Local	58.0	55.9	52.6	51.1
100 km/h	Regional	Arterial	90.1	87.4	88.0	86.6
110 km/h	All	All	95.8	92.2	93.3	92.6
110 km/h	All	Local	61.3	63.1	60.8	57.2
110 km/h	All	Arterial	95.9	92.2	93.4	92.7
110 km/h	Urban	All	96.8	98.8	98.1	98.1
110 km/h	Urban	Local	61.6	62.6	61.0	58.2
110 km/h	Urban	Arterial	97.1	99.0	98.2	98.3
110 km/h	Regional	All	95.2	89.2	90.7	88.9
110 km/h	Regional	Local	58.6	67.2	58.9	48.6
110 km/h	Regional	Arterial	95.2	89.2	90.7	88.9

Table A3.2: Passenger vehicle percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	58.4%	57.9%	60.0%	59.1%
All	All	Local	42.9%	43.4%	46.7%	46.0%
All	All	Arterial	79.4%	77.3%	76.4%	75.7%
All	Urban	All	53.4%	53.5%	55.9%	55.0%
All	Urban	Local	42.5%	43.2%	46.5%	45.7%
All	Urban	Arterial	74.5%	73.0%	71.9%	71.1%
All	Regional	All	78.0%	75.3%	76.7%	74.6%
All	Regional	Local	47.3%	45.6%	49.2%	48.3%
All	Regional	Arterial	87.9%	85.0%	85.5%	84.4%

Table A3.3: Passenger vehicle compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	69.6%	75.8%	80.5%	80.3%
All	All	Local	Compliance	81.1%	83.4%	85.2%	85.1%
All	All	Arterial	Compliance	64.1%	72.1%	78.2%	77.8%
All	Urban	All	Compliance	73.4%	77.9%	82.2%	82.3%
All	Urban	Local	Compliance	82.1%	84.3%	85.9%	86.0%
All	Urban	Arterial	Compliance	66.6%	72.8%	79.3%	79.4%
All	Regional	All	Compliance	62.6%	71.7%	77.0%	76.3%
All	Regional	Local	Compliance	73.3%	76.5%	79.4%	79.7%

All	Regional	Arterial	Compliance	61.2%	71.2%	76.7%	75.8%
50 km/h	All	All	Compliance	86.5%	87.7%	88.8%	88.1%
50 km/h	All	Local	Compliance	86.5%	87.7%	88.8%	88.1%
50 km/h	Urban	All	Compliance	87.6%	88.9%	89.7%	89.1%
50 km/h	Urban	Local	Compliance	87.6%	88.9%	89.7%	89.1%
50 km/h	Regional	All	Compliance	72.2%	73.8%	77.4%	76.2%
50 km/h	Regional	Local	Compliance	72.2%	73.8%	77.4%	76.2%
60 km/h	All	All	Compliance	76.4%	79.6%	82.3%	82.8%
60 km/h	All	Local	Compliance	80.1%	82.4%	84.2%	84.5%
60 km/h	All	Arterial	Compliance	72.7%	76.8%	80.4%	81.0%
60 km/h	Urban	All	Compliance	77.3%	80.5%	83.2%	83.7%
60 km/h	Urban	Local	Compliance	80.9%	83.1%	84.9%	85.1%
60 km/h	Urban	Arterial	Compliance	73.6%	77.8%	81.4%	82.1%
60 km/h	Regional	All	Compliance	66.1%	68.9%	71.6%	72.6%
60 km/h	Regional	Local	Compliance	68.6%	70.5%	72.0%	74.2%
60 km/h	Regional	Arterial	Compliance	64.7%	68.0%	71.5%	71.8%
80 km/h	All	All	Compliance	65.1%	69.8%	74.4%	75.1%
80 km/h	All	Local	Compliance	74.1%	78.8%	81.7%	82.4%
80 km/h	All	Arterial	Compliance	62.6%	67.2%	72.1%	72.7%
80 km/h	Urban	All	Compliance	65.9%	70.8%	75.8%	76.5%
80 km/h	Urban	Local	Compliance	74.4%	79.7%	83.3%	84.3%
80 km/h	Urban	Arterial	Compliance	63.4%	67.9%	73.1%	73.7%
80 km/h	Regional	All	Compliance	62.7%	67.0%	69.8%	70.5%
80 km/h	Regional	Local	Compliance	73.0%	75.1%	74.2%	74.2%
80 km/h	Regional	Arterial	Compliance	60.7%	65.3%	68.8%	69.6%
100 km/h	All	All	Compliance	59.7%	69.3%	76.6%	76.4%
100 km/h	All	Local	Compliance	80.0%	86.9%	90.1%	88.4%
100 km/h	All	Arterial	Compliance	58.4%	68.1%	75.7%	75.5%
100 km/h	Urban	All	Compliance	57.9%	68.5%	78.3%	77.9%
100 km/h	Urban	Local	Compliance	87.2%	94.4%	96.0%	95.1%
100 km/h	Urban	Arterial	Compliance	56.1%	66.7%	77.3%	77.1%
100 km/h	Regional	All	Compliance	60.5%	69.6%	75.8%	75.8%
100 km/h	Regional	Local	Compliance	77.5%	83.3%	87.8%	86.8%
100 km/h	Regional	Arterial	Compliance	59.3%	68.7%	74.8%	74.7%
110 km/h	All	All	Compliance	64.6%	78.4%	86.2%	83.4%
110 km/h	All	Local	Compliance	99.0%	99.0%	99.4%	99.2%
110 km/h	All	Arterial	Compliance	64.5%	78.4%	86.2%	83.4%
110 km/h	Urban	All	Compliance	54.0%	64.0%	79.6%	78.8%
110 km/h	Urban	Local	Compliance	99.3%	99.2%	99.6%	99.3%
110 km/h	Urban	Arterial	Compliance	53.8%	63.9%	79.5%	78.7%
110 km/h	Regional	All	Compliance	71.4%	85.7%	90.1%	86.9%
110 km/h	Regional	Local	Compliance	96.4%	97.0%	97.7%	98.0%
110 km/h	Regional	Arterial	Compliance	71.4%	85.7%	90.1%	86.9%
All	All	All	<10% above speed limit	17.7%	15.8%	14.6%	14.7%
All	All	Local	<10% above speed limit	8.9%	8.5%	8.1%	8.1%

All	All	Arterial	<10% above speed limit	21.9%	19.5%	17.8%	18.1%
All	Urban	All	<10% above speed limit	15.0%	14.0%	12.5%	12.3%
All	Urban	Local	<10% above speed limit	8.5%	8.2%	7.8%	7.7%
All	Urban	Arterial	<10% above speed limit	20.1%	18.6%	16.1%	15.9%
All	Regional	All	<10% above speed limit	22.7%	19.4%	19.1%	19.6%
All	Regional	Local	<10% above speed limit	11.6%	10.7%	10.4%	10.7%
All	Regional	Arterial	<10% above speed limit	24.1%	20.5%	20.2%	21.0%
50 km/h	All	All	<10% above speed limit	6.1%	5.8%	5.6%	5.6%
50 km/h	All	Local	<10% above speed limit	6.1%	5.8%	5.6%	5.6%
50 km/h	Urban	All	<10% above speed limit	5.9%	5.6%	5.4%	5.4%
50 km/h	Urban	Local	<10% above speed limit	5.9%	5.6%	5.4%	5.4%
50 km/h	Regional	All	<10% above speed limit	8.4%	8.2%	8.0%	7.6%
50 km/h	Regional	Local	<10% above speed limit	8.4%	8.2%	8.0%	7.6%
60 km/h	All	All	<10% above speed limit	11.9%	11.1%	10.3%	10.0%
60 km/h	All	Local	<10% above speed limit	10.0%	9.6%	9.2%	9.0%
60 km/h	All	Arterial	<10% above speed limit	13.8%	12.7%	11.6%	11.0%
60 km/h	Urban	All	<10% above speed limit	11.7%	10.9%	10.1%	9.6%
60 km/h	Urban	Local	<10% above speed limit	9.8%	9.4%	9.0%	8.8%
60 km/h	Urban	Arterial	<10% above speed limit	13.6%	12.4%	11.2%	10.6%
60 km/h	Regional	All	<10% above speed limit	14.4%	14.0%	13.8%	13.8%
60 km/h	Regional	Local	<10% above speed limit	13.4%	12.5%	12.5%	12.1%
60 km/h	Regional	Arterial	<10% above speed limit	15.1%	14.8%	14.6%	14.7%
80 km/h	All	All	<10% above speed limit	18.6%	18.5%	17.8%	17.4%
80 km/h	All	Local	<10% above speed limit	14.2%	13.6%	12.6%	12.3%
80 km/h	All	Arterial	<10% above speed limit	19.7%	20.0%	19.5%	19.1%
80 km/h	Urban	All	<10% above speed limit	18.4%	18.4%	17.5%	17.0%
80 km/h	Urban	Local	<10% above speed limit	14.6%	14.0%	12.7%	12.2%
80 km/h	Urban	Arterial	<10% above speed limit	19.5%	19.8%	19.2%	18.6%
80 km/h	Regional	All	<10% above speed limit	19.0%	19.0%	19.0%	18.8%
80 km/h	Regional	Local	<10% above speed limit	12.5%	12.1%	11.9%	12.3%
80 km/h	Regional	Arterial	<10% above speed limit	20.3%	20.5%	20.6%	20.4%
100 km/h	All	All	<10% above speed limit	26.0%	23.3%	21.6%	21.8%
100 km/h	All	Local	<10% above speed limit	11.1%	8.8%	8.6%	10.1%
100 km/h	All	Arterial	<10% above speed limit	27.0%	24.3%	22.6%	22.7%
100 km/h	Urban	All	<10% above speed limit	28.3%	25.3%	20.6%	20.9%
100 km/h	Urban	Local	<10% above speed limit	7.2%	3.9%	3.7%	4.5%
100 km/h	Urban	Arterial	<10% above speed limit	29.6%	26.8%	21.5%	21.7%
100 km/h	Regional	All	<10% above speed limit	25.2%	22.5%	22.2%	22.2%
100 km/h	Regional	Local	<10% above speed limit	12.5%	11.1%	10.5%	11.5%
100 km/h	Regional	Arterial	<10% above speed limit	26.0%	23.2%	23.1%	23.2%
110 km/h	All	All	<10% above speed limit	24.5%	17.0%	13.1%	15.6%
110 km/h	All	Local	<10% above speed limit	0.9%	0.9%	0.5%	0.7%
110 km/h	All	Arterial	<10% above speed limit	24.5%	17.0%	13.1%	15.6%
110 km/h	Urban	All	<10% above speed limit	32.5%	29.6%	19.6%	20.4%
110 km/h	Urban	Local	<10% above speed limit	0.6%	0.7%	0.4%	0.6%

110 km/h	Urban	Arterial	<10% above speed limit	32.6%	29.7%	19.6%	20.4%
110 km/h	Regional	All	<10% above speed limit	19.3%	10.6%	9.3%	12.0%
110 km/h	Regional	Local	<10% above speed limit	3.3%	2.7%	2.0%	1.7%
110 km/h	Regional	Arterial	<10% above speed limit	19.3%	10.6%	9.3%	12.0%
All	All	All	10-20% above speed limit	5.4%	4.1%	3.0%	3.0%
All	All	Local	10-20% above speed limit	4.3%	3.8%	3.4%	3.3%
All	All	Arterial	10-20% above speed limit	6.0%	4.2%	2.8%	2.8%
All	Urban	All	10-20% above speed limit	5.5%	4.3%	3.3%	3.2%
All	Urban	Local	10-20% above speed limit	4.1%	3.7%	3.3%	3.3%
All	Urban	Arterial	10-20% above speed limit	6.6%	4.8%	3.3%	3.2%
All	Regional	All	10-20% above speed limit	5.3%	3.7%	2.5%	2.5%
All	Regional	Local	10-20% above speed limit	5.4%	4.9%	4.4%	3.9%
All	Regional	Arterial	10-20% above speed limit	5.3%	3.6%	2.2%	2.3%
50 km/h	All	All	10-20% above speed limit	2.9%	2.6%	2.3%	2.4%
50 km/h	All	Local	10-20% above speed limit	2.9%	2.6%	2.3%	2.4%
50 km/h	Urban	All	10-20% above speed limit	2.7%	2.4%	2.1%	2.2%
50 km/h	Urban	Local	10-20% above speed limit	2.7%	2.4%	2.1%	2.2%
50 km/h	Regional	All	10-20% above speed limit	5.3%	5.1%	4.5%	4.2%
50 km/h	Regional	Local	10-20% above speed limit	5.3%	5.1%	4.5%	4.2%
60 km/h	All	All	10-20% above speed limit	6.0%	5.3%	4.7%	4.6%
60 km/h	All	Local	10-20% above speed limit	5.0%	4.6%	4.3%	4.2%
60 km/h	All	Arterial	10-20% above speed limit	7.0%	6.0%	5.1%	5.0%
60 km/h	Urban	All	10-20% above speed limit	5.8%	5.0%	4.4%	4.3%
60 km/h	Urban	Local	10-20% above speed limit	4.8%	4.4%	4.1%	4.0%
60 km/h	Urban	Arterial	10-20% above speed limit	6.8%	5.7%	4.8%	4.6%
60 km/h	Regional	All	10-20% above speed limit	8.9%	8.5%	8.3%	7.8%
60 km/h	Regional	Local	10-20% above speed limit	8.5%	8.2%	8.4%	7.4%
60 km/h	Regional	Arterial	10-20% above speed limit	9.2%	8.7%	8.3%	8.0%
80 km/h	All	All	10-20% above speed limit	7.6%	6.4%	5.6%	5.3%
80 km/h	All	Local	10-20% above speed limit	5.9%	4.6%	4.0%	3.6%
80 km/h	All	Arterial	10-20% above speed limit	8.0%	7.0%	6.1%	5.9%
80 km/h	Urban	All	10-20% above speed limit	7.3%	6.0%	5.1%	4.8%
80 km/h	Urban	Local	10-20% above speed limit	5.6%	4.1%	3.2%	2.8%
80 km/h	Urban	Arterial	10-20% above speed limit	7.8%	6.7%	5.7%	5.5%
80 km/h	Regional	All	10-20% above speed limit	8.4%	7.5%	7.2%	7.0%
80 km/h	Regional	Local	10-20% above speed limit	7.0%	6.7%	7.2%	7.2%
80 km/h	Regional	Arterial	10-20% above speed limit	8.6%	7.7%	7.2%	7.0%
100 km/h	All	All	10-20% above speed limit	4.2%	2.6%	1.3%	1.4%
100 km/h	All	Local	10-20% above speed limit	2.7%	1.5%	1.0%	1.1%
100 km/h	All	Arterial	10-20% above speed limit	4.3%	2.7%	1.4%	1.5%
100 km/h	Urban	All	10-20% above speed limit	4.6%	2.4%	0.9%	1.0%
100 km/h	Urban	Local	10-20% above speed limit	2.0%	0.6%	0.2%	0.3%
100 km/h	Urban	Arterial	10-20% above speed limit	4.7%	2.5%	0.9%	1.0%
100 km/h	Regional	All	10-20% above speed limit	4.0%	2.7%	1.6%	1.6%
100 km/h	Regional	Local	10-20% above speed limit	3.0%	1.9%	1.2%	1.3%

100 km/h	Regional	Arterial	10-20% above speed limit	4.1%	2.8%	1.6%	1.7%
110 km/h	All	All	10-20% above speed limit	10.8%	4.5%	0.6%	0.9%
110 km/h	All	Local	10-20% above speed limit	0.1%	0.1%	0.0%	0.1%
110 km/h	All	Arterial	10-20% above speed limit	10.8%	4.5%	0.6%	0.9%
110 km/h	Urban	All	10-20% above speed limit	13.5%	6.3%	0.8%	0.8%
110 km/h	Urban	Local	10-20% above speed limit	0.1%	0.1%	0.0%	0.1%
110 km/h	Urban	Arterial	10-20% above speed limit	13.6%	6.4%	0.8%	0.8%
110 km/h	Regional	All	10-20% above speed limit	9.1%	3.6%	0.5%	1.0%
110 km/h	Regional	Local	10-20% above speed limit	0.3%	0.2%	0.2%	0.2%
110 km/h	Regional	Arterial	10-20% above speed limit	9.1%	3.6%	0.5%	1.0%
All	All	All	>20% above speed limit	7.3%	4.3%	1.9%	2.0%
All	All	Local	>20% above speed limit	5.8%	4.3%	3.3%	3.4%
All	All	Arterial	>20% above speed limit	8.0%	4.2%	1.2%	1.2%
All	Urban	All	>20% above speed limit	6.1%	3.8%	2.0%	2.2%
All	Urban	Local	>20% above speed limit	5.2%	3.9%	2.9%	3.1%
All	Urban	Arterial	>20% above speed limit	6.8%	3.8%	1.4%	1.4%
All	Regional	All	>20% above speed limit	9.4%	5.1%	1.5%	1.5%
All	Regional	Local	>20% above speed limit	9.8%	8.0%	5.8%	5.7%
All	Regional	Arterial	>20% above speed limit	9.4%	4.8%	0.9%	0.9%
50 km/h	All	All	>20% above speed limit	4.6%	3.9%	3.4%	4.0%
50 km/h	All	Local	>20% above speed limit	4.6%	3.9%	3.4%	4.0%
50 km/h	Urban	All	>20% above speed limit	3.8%	3.2%	2.8%	3.2%
50 km/h	Urban	Local	>20% above speed limit	3.8%	3.2%	2.8%	3.2%
50 km/h	Regional	All	>20% above speed limit	14.1%	12.9%	10.0%	12.0%
50 km/h	Regional	Local	>20% above speed limit	14.1%	12.9%	10.0%	12.0%
60 km/h	All	All	>20% above speed limit	5.7%	4.0%	2.6%	2.6%
60 km/h	All	Local	>20% above speed limit	4.8%	3.5%	2.3%	2.3%
60 km/h	All	Arterial	>20% above speed limit	6.5%	4.6%	2.9%	3.0%
60 km/h	Urban	All	>20% above speed limit	5.3%	3.6%	2.3%	2.4%
60 km/h	Urban	Local	>20% above speed limit	4.5%	3.1%	2.0%	2.1%
60 km/h	Urban	Arterial	>20% above speed limit	6.0%	4.1%	2.6%	2.7%
60 km/h	Regional	All	>20% above speed limit	10.5%	8.6%	6.2%	5.7%
60 km/h	Regional	Local	>20% above speed limit	9.6%	8.9%	7.2%	6.2%
60 km/h	Regional	Arterial	>20% above speed limit	11.0%	8.5%	5.7%	5.5%
80 km/h	All	All	>20% above speed limit	8.8%	5.2%	2.2%	2.2%
80 km/h	All	Local	>20% above speed limit	5.8%	3.0%	1.8%	1.8%
80 km/h	All	Arterial	>20% above speed limit	9.6%	5.9%	2.3%	2.3%
80 km/h	Urban	All	>20% above speed limit	8.4%	4.8%	1.6%	1.7%
80 km/h	Urban	Local	>20% above speed limit	5.4%	2.3%	0.7%	0.7%
80 km/h	Urban	Arterial	>20% above speed limit	9.3%	5.6%	1.9%	2.1%
80 km/h	Regional	All	>20% above speed limit	9.9%	6.4%	4.0%	3.7%
80 km/h	Regional	Local	>20% above speed limit	7.4%	6.1%	6.6%	6.3%
80 km/h	Regional	Arterial	>20% above speed limit	10.4%	6.5%	3.4%	3.0%
100 km/h	All	All	>20% above speed limit	10.1%	4.8%	0.4%	0.4%
100 km/h	All	Local	>20% above speed limit	6.2%	2.8%	0.3%	0.4%

100 km/h	All	Arterial	>20% above speed limit	10.3%	5.0%	0.4%	0.4%
100 km/h	Urban	All	>20% above speed limit	9.3%	3.8%	0.2%	0.2%
100 km/h	Urban	Local	>20% above speed limit	3.6%	1.0%	0.1%	0.2%
100 km/h	Urban	Arterial	>20% above speed limit	9.7%	4.0%	0.2%	0.2%
100 km/h	Regional	All	>20% above speed limit	10.4%	5.3%	0.5%	0.4%
100 km/h	Regional	Local	>20% above speed limit	7.1%	3.6%	0.4%	0.4%
100 km/h	Regional	Arterial	>20% above speed limit	10.6%	5.4%	0.5%	0.4%
110 km/h	All	All	>20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	All	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.1%
110 km/h	All	Arterial	>20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	Urban	All	>20% above speed limit	0.1%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.1%
110 km/h	Urban	Arterial	>20% above speed limit	0.1%	0.0%	0.0%	0.0%
110 km/h	Regional	All	>20% above speed limit	0.2%	0.1%	0.1%	0.1%
110 km/h	Regional	Local	>20% above speed limit	0.0%	0.0%	0.1%	0.1%
110 km/h	Regional	Arterial	>20% above speed limit	0.2%	0.1%	0.1%	0.1%

Table A3.4: Passenger vehicle average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	58.1	57.7	57.3	58.4
50 km/h	All	Local	All speeding	58.1	57.7	57.3	58.4
50 km/h	Urban	All	All speeding	57.6	57.2	56.9	57.8
50 km/h	Urban	Local	All speeding	57.6	57.2	56.9	57.8
50 km/h	Regional	All	All speeding	61.1	60.5	59.6	61.4
50 km/h	Regional	Local	All speeding	61.1	60.5	59.6	61.4
60 km/h	All	All	All speeding	67.7	66.9	66.0	66.2
60 km/h	All	Local	All speeding	67.7	66.9	66.0	66.2
60 km/h	All	Arterial	All speeding	67.6	66.9	66.0	66.2
60 km/h	Urban	All	All speeding	67.5	66.7	65.8	66.0
60 km/h	Urban	Local	All speeding	67.6	66.7	65.8	66.0
60 km/h	Urban	Arterial	All speeding	67.4	66.7	65.8	66.1
60 km/h	Regional	All	All speeding	68.9	68.4	67.3	67.2
60 km/h	Regional	Local	All speeding	68.9	68.9	68.0	67.9
60 km/h	Regional	Arterial	All speeding	68.9	68.1	66.9	66.9
80 km/h	All	All	All speeding	90.1	88.1	86.1	86.2
80 km/h	All	Local	All speeding	89.3	87.4	86.3	86.3
80 km/h	All	Arterial	All speeding	90.3	88.2	86.1	86.2
80 km/h	Urban	All	All speeding	90.0	87.9	85.8	85.9
80 km/h	Urban	Local	All speeding	89.0	86.8	85.3	85.2
80 km/h	Urban	Arterial	All speeding	90.2	88.1	85.9	86.0
80 km/h	Regional	All	All speeding	90.4	88.6	87.1	87.0
80 km/h	Regional	Local	All speeding	90.6	89.8	89.6	89.5

80 km/h	Regional	Arterial	All speeding	90.4	88.5	86.6	86.5
100 km/h	All	All	All speeding	110.7	107.8	104.0	104.0
100 km/h	All	Local	All speeding	112.0	109.3	105.0	105.2
100 km/h	All	Arterial	All speeding	110.7	107.8	103.9	104.0
100 km/h	Urban	All	All speeding	111.5	107.6	103.9	104.0
100 km/h	Urban	Local	All speeding	111.4	108.4	104.1	105.0
100 km/h	Urban	Arterial	All speeding	111.5	107.6	103.9	104.0
100 km/h	Regional	All	All speeding	110.4	108.0	104.0	104.0
100 km/h	Regional	Local	All speeding	112.1	109.5	105.1	105.2
100 km/h	Regional	Arterial	All speeding	110.3	107.9	104.0	104.0
110 km/h	All	All	All speeding	119.4	117.2	114.0	114.3
110 km/h	All	Local	All speeding	115.2	115.0	115.0	116.7
110 km/h	All	Arterial	All speeding	119.4	117.2	114.0	114.3
110 km/h	Urban	All	All speeding	119.9	116.9	113.8	114.0
110 km/h	Urban	Local	All speeding	115.5	114.9	114.6	117.0
110 km/h	Urban	Arterial	All speeding	119.9	116.9	113.8	114.0
110 km/h	Regional	All	All speeding	119.0	117.6	114.2	114.6
110 km/h	Regional	Local	All speeding	114.7	115.1	115.6	116.0
110 km/h	Regional	Arterial	All speeding	119.0	117.6	114.2	114.6
50 km/h	All	All	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	All	Local	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	Urban	All	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	Urban	Local	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	Regional	All	<10% above speed limit	52.8	52.8	52.8	52.8
50 km/h	Regional	Local	<10% above speed limit	52.8	52.8	52.8	52.8
60 km/h	All	All	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	All	Local	<10% above speed limit	63.0	63.0	63.0	63.0
60 km/h	All	Arterial	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	Urban	All	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	Urban	Local	<10% above speed limit	63.0	63.0	63.0	63.0
60 km/h	Urban	Arterial	<10% above speed limit	63.1	63.0	62.9	63.0
60 km/h	Regional	All	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Regional	Local	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Regional	Arterial	<10% above speed limit	63.1	63.1	63.0	63.0
80 km/h	All	All	<10% above speed limit	83.9	83.7	83.6	83.6
80 km/h	All	Local	<10% above speed limit	83.8	83.7	83.6	83.5
80 km/h	All	Arterial	<10% above speed limit	83.9	83.8	83.6	83.6
80 km/h	Urban	All	<10% above speed limit	83.9	83.7	83.6	83.6
80 km/h	Urban	Local	<10% above speed limit	83.8	83.6	83.5	83.4
80 km/h	Urban	Arterial	<10% above speed limit	84.0	83.8	83.6	83.6
80 km/h	Regional	All	<10% above speed limit	83.8	83.7	83.7	83.7
80 km/h	Regional	Local	<10% above speed limit	83.9	83.9	83.9	83.9
80 km/h	Regional	Arterial	<10% above speed limit	83.8	83.7	83.7	83.7
100 km/h	All	All	<10% above speed limit	104.4	103.7	103.1	103.1
100 km/h	All	Local	<10% above speed limit	104.1	103.7	103.5	103.5

100 km/h	All	Arterial	<10% above speed limit	104.5	103.7	103.1	103.1
100 km/h	Urban	All	<10% above speed limit	106.1	104.3	103.3	103.3
100 km/h	Urban	Local	<10% above speed limit	104.1	103.5	103.3	103.1
100 km/h	Urban	Arterial	<10% above speed limit	106.1	104.3	103.3	103.3
100 km/h	Regional	All	<10% above speed limit	103.8	103.4	103.0	103.0
100 km/h	Regional	Local	<10% above speed limit	104.1	103.8	103.5	103.6
100 km/h	Regional	Arterial	<10% above speed limit	103.7	103.4	103.0	103.0
110 km/h	All	All	<10% above speed limit	115.7	114.4	113.4	113.5
110 km/h	All	Local	<10% above speed limit	113.8	113.6	113.7	113.7
110 km/h	All	Arterial	<10% above speed limit	115.7	114.4	113.4	113.5
110 km/h	Urban	All	<10% above speed limit	116.5	114.7	113.4	113.6
110 km/h	Urban	Local	<10% above speed limit	114.0	113.4	113.9	113.6
110 km/h	Urban	Arterial	<10% above speed limit	116.5	114.7	113.4	113.6
110 km/h	Regional	All	<10% above speed limit	114.7	114.1	113.4	113.5
110 km/h	Regional	Local	<10% above speed limit	113.7	113.9	113.5	114.1
110 km/h	Regional	Arterial	<10% above speed limit	114.7	114.1	113.4	113.5
50 km/h	All	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	All	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Regional	All	10-20% above speed limit	57.8	57.8	57.8	57.8
50 km/h	Regional	Local	10-20% above speed limit	57.8	57.8	57.8	57.8
60 km/h	All	All	10-20% above speed limit	69.1	69.0	68.9	68.9
60 km/h	All	Local	10-20% above speed limit	69.1	69.0	68.9	68.9
60 km/h	All	Arterial	10-20% above speed limit	69.2	69.0	68.9	68.9
60 km/h	Urban	All	10-20% above speed limit	69.1	69.0	68.9	68.9
60 km/h	Urban	Local	10-20% above speed limit	69.1	69.0	68.9	68.9
60 km/h	Urban	Arterial	10-20% above speed limit	69.2	69.0	68.9	68.9
60 km/h	Regional	All	10-20% above speed limit	69.1	69.1	69.0	69.0
60 km/h	Regional	Local	10-20% above speed limit	69.1	69.1	69.1	69.0
60 km/h	Regional	Arterial	10-20% above speed limit	69.1	69.0	69.0	69.0
80 km/h	All	All	10-20% above speed limit	92.3	92.0	91.7	91.7
80 km/h	All	Local	10-20% above speed limit	92.0	91.8	91.7	91.7
80 km/h	All	Arterial	10-20% above speed limit	92.3	92.0	91.7	91.7
80 km/h	Urban	All	10-20% above speed limit	92.4	92.0	91.7	91.6
80 km/h	Urban	Local	10-20% above speed limit	92.0	91.6	91.4	91.4
80 km/h	Urban	Arterial	10-20% above speed limit	92.5	92.1	91.7	91.7
80 km/h	Regional	All	10-20% above speed limit	92.0	91.9	91.8	91.8
80 km/h	Regional	Local	10-20% above speed limit	92.1	92.1	92.2	92.2
80 km/h	Regional	Arterial	10-20% above speed limit	92.0	91.8	91.7	91.7
100 km/h	All	All	10-20% above speed limit	115.8	115.2	114.0	114.0
100 km/h	All	Local	10-20% above speed limit	115.2	114.8	113.9	114.0
100 km/h	All	Arterial	10-20% above speed limit	115.8	115.3	114.0	114.0
100 km/h	Urban	All	10-20% above speed limit	118.0	116.8	113.9	113.9
100 km/h	Urban	Local	10-20% above speed limit	115.7	115.3	113.8	114.0

100 km/h	Urban	Arterial	10-20% above speed limit	118.0	116.8	113.9	113.9
100 km/h	Regional	All	10-20% above speed limit	114.9	114.7	114.0	114.0
100 km/h	Regional	Local	10-20% above speed limit	115.1	114.8	113.9	114.0
100 km/h	Regional	Arterial	10-20% above speed limit	114.9	114.7	114.0	114.0
110 km/h	All	All	10-20% above speed limit	128.7	128.5	125.8	125.6
110 km/h	All	Local	10-20% above speed limit	126.7	125.6	129.1	126.9
110 km/h	All	Arterial	10-20% above speed limit	128.7	128.5	125.8	125.6
110 km/h	Urban	All	10-20% above speed limit	128.7	128.5	125.8	125.4
110 km/h	Urban	Local	10-20% above speed limit	127.1	125.9	127.7	127.0
110 km/h	Urban	Arterial	10-20% above speed limit	128.7	128.5	125.8	125.4
110 km/h	Regional	All	10-20% above speed limit	128.7	128.5	125.8	125.8
110 km/h	Regional	Local	10-20% above speed limit	126.0	125.1	130.3	126.3
110 km/h	Regional	Arterial	10-20% above speed limit	128.7	128.5	125.8	125.8
50 km/h	All	All	>20% above speed limit	68.7	68.4	67.7	71.0
50 km/h	All	Local	>20% above speed limit	68.7	68.4	67.7	71.0
50 km/h	Urban	All	>20% above speed limit	68.3	68.1	67.5	70.8
50 km/h	Urban	Local	>20% above speed limit	68.3	68.1	67.5	70.8
50 km/h	Regional	All	>20% above speed limit	69.9	69.2	68.5	71.4
50 km/h	Regional	Local	>20% above speed limit	69.9	69.2	68.5	71.4
60 km/h	All	All	>20% above speed limit	81.3	80.8	79.6	80.8
60 km/h	All	Local	>20% above speed limit	81.6	81.0	79.4	81.0
60 km/h	All	Arterial	>20% above speed limit	81.0	80.7	79.7	80.6
60 km/h	Urban	All	>20% above speed limit	81.2	80.7	79.5	80.8
60 km/h	Urban	Local	>20% above speed limit	81.6	80.9	79.2	80.9
60 km/h	Urban	Arterial	>20% above speed limit	80.9	80.6	79.7	80.7
60 km/h	Regional	All	>20% above speed limit	81.7	81.4	80.1	80.9
60 km/h	Regional	Local	>20% above speed limit	81.9	81.8	80.5	81.7
60 km/h	Regional	Arterial	>20% above speed limit	81.6	81.1	79.9	80.3
80 km/h	All	All	>20% above speed limit	107.6	105.9	101.9	102.7
80 km/h	All	Local	>20% above speed limit	106.4	105.6	102.0	103.5
80 km/h	All	Arterial	>20% above speed limit	107.8	105.9	101.8	102.5
80 km/h	Urban	All	>20% above speed limit	107.4	105.7	101.9	102.9
80 km/h	Urban	Local	>20% above speed limit	106.3	106.3	102.4	106.1
80 km/h	Urban	Arterial	>20% above speed limit	107.6	105.7	101.9	102.6
80 km/h	Regional	All	>20% above speed limit	108.0	106.1	101.8	102.3
80 km/h	Regional	Local	>20% above speed limit	106.5	104.5	101.8	102.4
80 km/h	Regional	Arterial	>20% above speed limit	108.2	106.4	101.8	102.2
100 km/h	All	All	>20% above speed limit	128.7	128.6	126.6	128.4
100 km/h	All	Local	>20% above speed limit	128.5	128.4	126.6	136.4
100 km/h	All	Arterial	>20% above speed limit	128.8	128.6	126.6	127.7
100 km/h	Urban	All	>20% above speed limit	128.6	128.5	125.9	129.2
100 km/h	Urban	Local	>20% above speed limit	127.3	127.4	126.9	168.5
100 km/h	Urban	Arterial	>20% above speed limit	128.6	128.5	125.9	128.1
100 km/h	Regional	All	>20% above speed limit	128.8	128.7	126.8	128.2
100 km/h	Regional	Local	>20% above speed limit	128.7	128.5	126.5	133.8

100 km/h	Regional	Arterial	>20% above speed limit	128.8	128.7	126.8	127.6
110 km/h	All	All	>20% above speed limit	139.2	138.1	143.0	143.1
110 km/h	All	Local	>20% above speed limit	142.4	140.8	148.0	146.2
110 km/h	All	Arterial	>20% above speed limit	139.2	138.1	143.0	143.1
110 km/h	Urban	All	>20% above speed limit	139.6	138.2	140.9	149.5
110 km/h	Urban	Local	>20% above speed limit	142.4	140.8		146.3
110 km/h	Urban	Arterial	>20% above speed limit	139.6	138.2	140.9	149.6
110 km/h	Regional	All	>20% above speed limit	139.1	138.1	143.4	141.9
110 km/h	Regional	Local	>20% above speed limit		141.0	148.0	145.0
110 km/h	Regional	Arterial	>20% above speed limit	139.1	138.1	143.4	141.9

A3.2 Brisbane summary speed tables

Table A3.5: Passenger vehicle average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	35.7	35.7	36.9	36.2
All	All	Local	23.2	23.7	25.4	24.9
All	All	Arterial	57.6	56.1	55.6	55.6
All	Urban	All	34.1	34.3	35.6	34.9
All	Urban	Local	23.1	23.6	25.3	24.8
All	Urban	Arterial	55.3	54.1	53.6	53.4
All	Regional	All	64.2	60.5	58.7	57.0
All	Regional	Local	29.0	29.7	28.5	28.2
All	Regional	Arterial	78.4	74.8	75.5	75.5
50 km/h	All	All	15.1	15.4	17.0	16.7
50 km/h	All	Local	15.1	15.4	17.0	16.7
50 km/h	Urban	All	15.0	15.3	16.9	16.6
50 km/h	Urban	Local	15.0	15.3	16.9	16.6
50 km/h	Regional	All	20.0	20.2	20.1	20.0
50 km/h	Regional	Local	20.0	20.2	20.1	20.0
60 km/h	All	All	37.7	36.5	35.5	34.6
60 km/h	All	Local	35.6	34.7	34.0	33.1
60 km/h	All	Arterial	40.2	38.5	37.4	36.7
60 km/h	Urban	All	37.6	36.4	35.4	34.6
60 km/h	Urban	Local	35.6	34.8	34.1	33.3
60 km/h	Urban	Arterial	40.0	38.4	37.2	36.4
60 km/h	Regional	All	42.0	39.4	38.6	34.5
60 km/h	Regional	Local	33.6	30.4	29.1	23.2
60 km/h	Regional	Arterial	45.5	43.9	44.2	43.7
80 km/h	All	All	63.3	61.5	59.8	59.0
80 km/h	All	Local	58.6	56.7	53.8	51.8
80 km/h	All	Arterial	64.8	63.2	62.3	62.3
80 km/h	Urban	All	63.0	61.2	59.5	58.6
80 km/h	Urban	Local	59.3	57.3	54.0	51.9
80 km/h	Urban	Arterial	64.1	62.7	61.9	61.7
80 km/h	Regional	All	66.5	63.6	63.0	63.1
80 km/h	Regional	Local	49.8	49.6	50.9	49.7
80 km/h	Regional	Arterial	69.9	67.1	66.2	67.1
100 km/h	All	All	86.4	84.3	82.5	84.1
100 km/h	All	Local	55.6	54.1	47.8	53.2
100 km/h	All	Arterial	88.6	86.4	85.3	86.5
100 km/h	Urban	All	87.6	86.0	83.9	85.4
100 km/h	Urban	Local	69.0	62.8	61.4	60.2
100 km/h	Urban	Arterial	88.5	87.0	84.9	86.5

100 km/h	Regional	All	83.8	80.3	78.9	80.9
100 km/h	Regional	Local	42.4	46.8	39.2	48.4
100 km/h	Regional	Arterial	88.7	84.8	86.5	86.6
110 km/h	All	All	98.8	99.3	98.2	98.8
110 km/h	All	Local		4.0	7.7	
110 km/h	All	Arterial	98.8	99.3	98.2	98.8
110 km/h	Urban	All	98.8	99.3	98.2	98.8
110 km/h	Urban	Local		4.0	7.7	
110 km/h	Urban	Arterial	98.8	99.3	98.2	98.8

Table A3.6: Passenger vehicle percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	54.8%	54.5%	55.8%	54.6%
All	All	Local	43.1%	43.7%	45.9%	44.9%
All	All	Arterial	75.3%	73.1%	71.8%	71.3%
All	Urban	All	53.7%	53.6%	55.0%	53.8%
All	Urban	Local	43.1%	43.6%	46.0%	44.9%
All	Urban	Arterial	74.1%	72.1%	70.7%	70.0%
All	Regional	All	74.4%	71.0%	69.4%	67.9%
All	Regional	Local	45.7%	46.4%	44.2%	43.8%
All	Regional	Arterial	85.9%	82.4%	83.4%	83.4%

Table A3.7: Passenger vehicle compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	72.1%	77.1%	81.8%	81.7%
All	All	Local	Compliance	81.3%	83.9%	86.2%	86.1%
All	All	Arterial	Compliance	65.5%	72.2%	78.5%	78.3%
All	Urban	All	Compliance	72.7%	77.6%	82.3%	82.3%
All	Urban	Local	Compliance	81.6%	84.2%	86.5%	86.5%
All	Urban	Arterial	Compliance	65.6%	72.3%	78.8%	78.7%
All	Regional	All	Compliance	66.5%	72.3%	76.7%	76.6%
All	Regional	Local	Compliance	73.0%	75.0%	78.7%	78.8%
All	Regional	Arterial	Compliance	65.5%	71.7%	76.3%	76.1%
50 km/h	All	All	Compliance	86.5%	88.1%	89.3%	88.9%
50 km/h	All	Local	Compliance	86.5%	88.1%	89.3%	88.9%
50 km/h	Urban	All	Compliance	87.2%	88.7%	89.9%	89.7%
50 km/h	Urban	Local	Compliance	87.2%	88.7%	89.9%	89.7%
50 km/h	Regional	All	Compliance	66.0%	69.2%	73.3%	71.5%
50 km/h	Regional	Local	Compliance	66.0%	69.2%	73.3%	71.5%

60 km/h	All	All	Compliance	76.9%	80.6%	83.9%	84.1%
60 km/h	All	Local	Compliance	80.5%	83.2%	85.5%	85.2%
60 km/h	All	Arterial	Compliance	73.3%	77.9%	82.0%	82.9%
60 km/h	Urban	All	Compliance	77.2%	81.0%	84.2%	84.5%
60 km/h	Urban	Local	Compliance	80.7%	83.5%	85.7%	85.4%
60 km/h	Urban	Arterial	Compliance	73.6%	78.2%	82.5%	83.4%
60 km/h	Regional	All	Compliance	63.7%	67.4%	70.7%	72.4%
60 km/h	Regional	Local	Compliance	60.4%	62.9%	68.5%	73.3%
60 km/h	Regional	Arterial	Compliance	64.7%	69.0%	71.5%	72.1%
80 km/h	All	All	Compliance	61.9%	68.0%	74.2%	74.4%
80 km/h	All	Local	Compliance	71.5%	78.4%	83.4%	84.3%
80 km/h	All	Arterial	Compliance	59.2%	64.7%	70.9%	70.7%
80 km/h	Urban	All	Compliance	62.5%	68.6%	74.9%	75.2%
80 km/h	Urban	Local	Compliance	71.8%	79.1%	84.2%	85.1%
80 km/h	Urban	Arterial	Compliance	59.7%	65.1%	71.3%	71.3%
80 km/h	Regional	All	Compliance	56.7%	62.9%	67.6%	67.0%
80 km/h	Regional	Local	Compliance	67.3%	69.3%	71.1%	72.9%
80 km/h	Regional	Arterial	Compliance	55.1%	61.7%	66.9%	65.7%
100 km/h	All	All	Compliance	58.5%	68.0%	77.2%	76.7%
100 km/h	All	Local	Compliance	86.4%	93.1%	95.8%	95.7%
100 km/h	All	Arterial	Compliance	57.3%	67.0%	76.4%	75.8%
100 km/h	Urban	All	Compliance	54.3%	65.3%	76.4%	75.6%
100 km/h	Urban	Local	Compliance	82.5%	92.6%	95.6%	96.2%
100 km/h	Urban	Arterial	Compliance	53.2%	64.5%	75.8%	75.0%
100 km/h	Regional	All	Compliance	68.1%	74.7%	79.6%	79.6%
100 km/h	Regional	Local	Compliance	92.6%	93.8%	96.0%	95.2%
100 km/h	Regional	Arterial	Compliance	66.7%	73.4%	78.1%	78.0%
110 km/h	All	All	Compliance	49.0%	62.0%	75.2%	73.1%
110 km/h	All	Local	Compliance		100.0%	100.0%	
110 km/h	All	Arterial	Compliance	49.0%	62.0%	75.2%	73.1%
110 km/h	Urban	All	Compliance	49.0%	62.0%	75.2%	73.1%
110 km/h	Urban	Local	Compliance		100.0%	100.0%	
110 km/h	Urban	Arterial	Compliance	49.0%	62.0%	75.2%	73.1%
All	All	All	<10% above speed limit	15.9%	14.7%	13.1%	13.0%
All	All	Local	<10% above speed limit	8.8%	8.4%	7.7%	7.6%
All	All	Arterial	<10% above speed limit	20.8%	19.3%	17.0%	17.2%
All	Urban	All	<10% above speed limit	15.5%	14.3%	12.6%	12.6%
All	Urban	Local	<10% above speed limit	8.8%	8.4%	7.7%	7.6%
All	Urban	Arterial	<10% above speed limit	20.8%	19.1%	16.7%	16.8%
All	Regional	All	<10% above speed limit	19.7%	18.7%	17.6%	17.5%
All	Regional	Local	<10% above speed limit	9.2%	8.9%	7.8%	7.8%
All	Regional	Arterial	<10% above speed limit	21.2%	20.5%	19.6%	19.8%
50 km/h	All	All	<10% above speed limit	6.1%	5.7%	5.2%	5.2%
50 km/h	All	Local	<10% above speed limit	6.1%	5.7%	5.2%	5.2%
50 km/h	Urban	All	<10% above speed limit	6.0%	5.6%	5.1%	5.0%

50 km/h	Urban	Local	<10% above speed limit	6.0%	5.6%	5.1%	5.0%
50 km/h	Regional	All	<10% above speed limit	9.4%	9.4%	8.3%	8.6%
50 km/h	Regional	Local	<10% above speed limit	9.4%	9.4%	8.3%	8.6%
60 km/h	All	All	<10% above speed limit	12.1%	11.0%	9.8%	9.4%
60 km/h	All	Local	<10% above speed limit	10.0%	9.4%	8.8%	8.8%
60 km/h	All	Arterial	<10% above speed limit	14.3%	12.6%	11.0%	10.2%
60 km/h	Urban	All	<10% above speed limit	12.1%	10.9%	9.7%	9.3%
60 km/h	Urban	Local	<10% above speed limit	10.0%	9.4%	8.8%	8.8%
60 km/h	Urban	Arterial	<10% above speed limit	14.2%	12.5%	10.8%	10.0%
60 km/h	Regional	All	<10% above speed limit	14.4%	13.7%	13.3%	13.0%
60 km/h	Regional	Local	<10% above speed limit	10.7%	10.0%	10.1%	8.7%
60 km/h	Regional	Arterial	<10% above speed limit	15.5%	15.1%	14.6%	14.9%
80 km/h	All	All	<10% above speed limit	19.3%	19.0%	18.1%	18.1%
80 km/h	All	Local	<10% above speed limit	16.2%	15.2%	12.5%	12.1%
80 km/h	All	Arterial	<10% above speed limit	20.2%	20.2%	20.1%	20.3%
80 km/h	Urban	All	<10% above speed limit	19.0%	18.7%	17.8%	17.6%
80 km/h	Urban	Local	<10% above speed limit	16.2%	15.2%	12.4%	12.0%
80 km/h	Urban	Arterial	<10% above speed limit	19.9%	19.8%	19.9%	19.9%
80 km/h	Regional	All	<10% above speed limit	21.9%	21.8%	20.3%	21.8%
80 km/h	Regional	Local	<10% above speed limit	16.1%	15.4%	13.7%	12.9%
80 km/h	Regional	Arterial	<10% above speed limit	22.7%	23.0%	21.7%	23.8%
100 km/h	All	All	<10% above speed limit	28.1%	25.9%	21.7%	22.1%
100 km/h	All	Local	<10% above speed limit	7.5%	4.9%	3.8%	4.0%
100 km/h	All	Arterial	<10% above speed limit	29.1%	26.8%	22.5%	22.9%
100 km/h	Urban	All	<10% above speed limit	31.2%	28.3%	22.7%	23.3%
100 km/h	Urban	Local	<10% above speed limit	8.7%	4.8%	4.2%	3.7%
100 km/h	Urban	Arterial	<10% above speed limit	32.1%	29.0%	23.2%	23.9%
100 km/h	Regional	All	<10% above speed limit	21.2%	20.0%	19.0%	18.8%
100 km/h	Regional	Local	<10% above speed limit	5.6%	5.1%	3.5%	4.2%
100 km/h	Regional	Arterial	<10% above speed limit	22.0%	21.1%	20.4%	20.2%
110 km/h	All	All	<10% above speed limit	35.8%	31.1%	23.2%	25.2%
110 km/h	All	Local	<10% above speed limit		0.0%	0.0%	
110 km/h	All	Arterial	<10% above speed limit	35.8%	31.1%	23.2%	25.2%
110 km/h	Urban	All	<10% above speed limit	35.8%	31.1%	23.2%	25.2%
110 km/h	Urban	Local	<10% above speed limit		0.0%	0.0%	
110 km/h	Urban	Arterial	<10% above speed limit	35.8%	31.1%	23.2%	25.2%
All	All	All	10-20% above speed limit	5.4%	4.2%	3.2%	3.2%
All	All	Local	10-20% above speed limit	4.2%	3.7%	3.2%	3.2%
All	All	Arterial	10-20% above speed limit	6.3%	4.6%	3.2%	3.2%
All	Urban	All	10-20% above speed limit	5.4%	4.2%	3.2%	3.2%
All	Urban	Local	10-20% above speed limit	4.2%	3.6%	3.1%	3.1%
All	Urban	Arterial	10-20% above speed limit	6.5%	4.7%	3.3%	3.2%
All	Regional	All	10-20% above speed limit	5.1%	4.1%	3.3%	3.3%
All	Regional	Local	10-20% above speed limit	5.9%	5.5%	4.8%	4.7%
All	Regional	Arterial	10-20% above speed limit	4.9%	3.8%	3.0%	3.0%

50 km/h	All	All	10-20% above speed limit	2.8%	2.4%	2.1%	2.2%
50 km/h	All	Local	10-20% above speed limit	2.8%	2.4%	2.1%	2.2%
50 km/h	Urban	All	10-20% above speed limit	2.6%	2.3%	2.0%	2.1%
50 km/h	Urban	Local	10-20% above speed limit	2.6%	2.3%	2.0%	2.1%
50 km/h	Regional	All	10-20% above speed limit	6.3%	6.0%	5.1%	5.7%
50 km/h	Regional	Local	10-20% above speed limit	6.3%	6.0%	5.1%	5.7%
60 km/h	All	All	10-20% above speed limit	5.9%	5.0%	4.2%	4.2%
60 km/h	All	Local	10-20% above speed limit	4.8%	4.2%	3.9%	4.0%
60 km/h	All	Arterial	10-20% above speed limit	7.0%	5.7%	4.6%	4.5%
60 km/h	Urban	All	10-20% above speed limit	5.8%	4.8%	4.1%	4.1%
60 km/h	Urban	Local	10-20% above speed limit	4.8%	4.2%	3.8%	3.9%
60 km/h	Urban	Arterial	10-20% above speed limit	6.9%	5.6%	4.5%	4.3%
60 km/h	Regional	All	10-20% above speed limit	10.1%	9.3%	8.9%	8.1%
60 km/h	Regional	Local	10-20% above speed limit	9.9%	9.0%	8.8%	7.0%
60 km/h	Regional	Arterial	10-20% above speed limit	10.2%	9.4%	8.9%	8.6%
80 km/h	All	All	10-20% above speed limit	8.7%	7.2%	5.9%	5.6%
80 km/h	All	Local	10-20% above speed limit	6.6%	4.4%	3.2%	2.8%
80 km/h	All	Arterial	10-20% above speed limit	9.3%	8.1%	6.8%	6.7%
80 km/h	Urban	All	10-20% above speed limit	8.3%	6.9%	5.6%	5.3%
80 km/h	Urban	Local	10-20% above speed limit	6.3%	4.0%	2.9%	2.4%
80 km/h	Urban	Arterial	10-20% above speed limit	9.0%	7.9%	6.6%	6.5%
80 km/h	Regional	All	10-20% above speed limit	11.5%	9.7%	8.8%	8.4%
80 km/h	Regional	Local	10-20% above speed limit	10.6%	9.7%	9.1%	8.5%
80 km/h	Regional	Arterial	10-20% above speed limit	11.6%	9.6%	8.8%	8.4%
100 km/h	All	All	10-20% above speed limit	4.4%	2.3%	0.9%	1.0%
100 km/h	All	Local	10-20% above speed limit	2.4%	0.9%	0.3%	0.3%
100 km/h	All	Arterial	10-20% above speed limit	4.5%	2.4%	0.9%	1.0%
100 km/h	Urban	All	10-20% above speed limit	5.0%	2.5%	0.8%	0.9%
100 km/h	Urban	Local	10-20% above speed limit	3.3%	1.0%	0.2%	0.1%
100 km/h	Urban	Arterial	10-20% above speed limit	5.0%	2.5%	0.8%	0.9%
100 km/h	Regional	All	10-20% above speed limit	3.1%	2.0%	1.1%	1.2%
100 km/h	Regional	Local	10-20% above speed limit	1.0%	0.9%	0.4%	0.4%
100 km/h	Regional	Arterial	10-20% above speed limit	3.2%	2.1%	1.2%	1.3%
110 km/h	All	All	10-20% above speed limit	15.1%	6.8%	1.6%	1.7%
110 km/h	All	Local	10-20% above speed limit		0.0%	0.0%	
110 km/h	All	Arterial	10-20% above speed limit	15.1%	6.8%	1.6%	1.7%
110 km/h	Urban	All	10-20% above speed limit	15.1%	6.8%	1.6%	1.7%
110 km/h	Urban	Local	10-20% above speed limit		0.0%	0.0%	
110 km/h	Urban	Arterial	10-20% above speed limit	15.1%	6.8%	1.6%	1.7%
All	All	All	>20% above speed limit	6.6%	4.0%	1.9%	2.0%
All	All	Local	>20% above speed limit	5.6%	4.0%	2.9%	3.0%
All	All	Arterial	>20% above speed limit	7.4%	4.0%	1.2%	1.3%
All	Urban	All	>20% above speed limit	6.4%	3.9%	1.9%	2.0%
All	Urban	Local	>20% above speed limit	5.4%	3.8%	2.7%	2.8%
All	Urban	Arterial	>20% above speed limit	7.2%	4.0%	1.2%	1.3%

All	Regional	All	>20% above speed limit	8.8%	5.0%	2.4%	2.5%
All	Regional	Local	>20% above speed limit	11.9%	10.7%	8.7%	8.8%
All	Regional	Arterial	>20% above speed limit	8.3%	4.0%	1.1%	1.0%
50 km/h	All	All	>20% above speed limit	4.6%	3.8%	3.4%	3.7%
50 km/h	All	Local	>20% above speed limit	4.6%	3.8%	3.4%	3.7%
50 km/h	Urban	All	>20% above speed limit	4.2%	3.4%	3.0%	3.2%
50 km/h	Urban	Local	>20% above speed limit	4.2%	3.4%	3.0%	3.2%
50 km/h	Regional	All	>20% above speed limit	18.2%	15.4%	13.3%	14.2%
50 km/h	Regional	Local	>20% above speed limit	18.2%	15.4%	13.3%	14.2%
60 km/h	All	All	>20% above speed limit	5.1%	3.4%	2.1%	2.2%
60 km/h	All	Local	>20% above speed limit	4.7%	3.1%	1.9%	2.0%
60 km/h	All	Arterial	>20% above speed limit	5.5%	3.8%	2.4%	2.5%
60 km/h	Urban	All	>20% above speed limit	4.9%	3.3%	2.0%	2.1%
60 km/h	Urban	Local	>20% above speed limit	4.5%	2.9%	1.7%	1.9%
60 km/h	Urban	Arterial	>20% above speed limit	5.3%	3.7%	2.3%	2.4%
60 km/h	Regional	All	>20% above speed limit	11.8%	9.6%	7.1%	6.4%
60 km/h	Regional	Local	>20% above speed limit	19.0%	18.2%	12.6%	11.0%
60 km/h	Regional	Arterial	>20% above speed limit	9.5%	6.5%	5.0%	4.4%
80 km/h	All	All	>20% above speed limit	10.1%	5.8%	1.9%	2.0%
80 km/h	All	Local	>20% above speed limit	5.7%	2.0%	0.8%	0.8%
80 km/h	All	Arterial	>20% above speed limit	11.4%	7.0%	2.2%	2.4%
80 km/h	Urban	All	>20% above speed limit	10.1%	5.8%	1.7%	1.9%
80 km/h	Urban	Local	>20% above speed limit	5.7%	1.8%	0.5%	0.5%
80 km/h	Urban	Arterial	>20% above speed limit	11.5%	7.2%	2.2%	2.4%
80 km/h	Regional	All	>20% above speed limit	10.0%	5.6%	3.2%	2.8%
80 km/h	Regional	Local	>20% above speed limit	6.1%	5.6%	6.1%	5.7%
80 km/h	Regional	Arterial	>20% above speed limit	10.6%	5.6%	2.6%	2.1%
100 km/h	All	All	>20% above speed limit	8.9%	3.7%	0.2%	0.2%
100 km/h	All	Local	>20% above speed limit	3.7%	1.0%	0.1%	0.1%
100 km/h	All	Arterial	>20% above speed limit	9.2%	3.8%	0.2%	0.2%
100 km/h	Urban	All	>20% above speed limit	9.5%	3.9%	0.1%	0.1%
100 km/h	Urban	Local	>20% above speed limit	5.5%	1.6%	0.0%	0.0%
100 km/h	Urban	Arterial	>20% above speed limit	9.7%	4.0%	0.1%	0.1%
100 km/h	Regional	All	>20% above speed limit	7.6%	3.3%	0.3%	0.4%
100 km/h	Regional	Local	>20% above speed limit	0.8%	0.3%	0.1%	0.1%
100 km/h	Regional	Arterial	>20% above speed limit	8.0%	3.5%	0.3%	0.4%
110 km/h	All	All	>20% above speed limit	0.1%	0.0%	0.0%	0.0%
110 km/h	All	Local	>20% above speed limit		0.0%	0.0%	
110 km/h	All	Arterial	>20% above speed limit	0.1%	0.0%	0.0%	0.0%
110 km/h	Urban	All	>20% above speed limit	0.1%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit		0.0%	0.0%	
110 km/h	Urban	Arterial	>20% above speed limit	0.1%	0.0%	0.0%	0.0%

Table A3.8: Passenger vehicle average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	58.2	57.7	57.5	58.1
50 km/h	All	Local	All speeding	58.2	57.7	57.5	58.1
50 km/h	Urban	All	All speeding	58.0	57.5	57.2	57.8
50 km/h	Urban	Local	All speeding	58.0	57.5	57.2	57.8
50 km/h	Regional	All	All speeding	61.1	60.3	60.4	60.4
50 km/h	Regional	Local	All speeding	61.1	60.3	60.4	60.4
60 km/h	All	All	All speeding	67.4	66.6	65.7	66.0
60 km/h	All	Local	All speeding	67.7	66.7	65.7	65.9
60 km/h	All	Arterial	All speeding	67.1	66.4	65.7	66.0
60 km/h	Urban	All	All speeding	67.3	66.5	65.6	65.9
60 km/h	Urban	Local	All speeding	67.6	66.6	65.6	65.8
60 km/h	Urban	Arterial	All speeding	67.1	66.4	65.7	66.0
60 km/h	Regional	All	All speeding	69.2	69.0	68.0	67.6
60 km/h	Regional	Local	All speeding	72.8	73.6	71.5	71.1
60 km/h	Regional	Arterial	All speeding	68.0	67.1	66.6	66.2
80 km/h	All	All	All speeding	90.6	88.4	86.0	86.0
80 km/h	All	Local	All speeding	88.9	86.4	85.4	85.2
80 km/h	All	Arterial	All speeding	91.0	88.8	86.2	86.2
80 km/h	Urban	All	All speeding	90.7	88.4	85.9	86.0
80 km/h	Urban	Local	All speeding	88.8	86.2	85.0	84.8
80 km/h	Urban	Arterial	All speeding	91.1	88.9	86.1	86.2
80 km/h	Regional	All	All speeding	90.0	88.0	86.8	86.5
80 km/h	Regional	Local	All speeding	89.1	88.9	89.2	89.2
80 km/h	Regional	Arterial	All speeding	90.1	87.9	86.4	86.0
100 km/h	All	All	All speeding	111.2	107.4	103.8	103.9
100 km/h	All	Local	All speeding	111.5	108.1	104.5	104.5
100 km/h	All	Arterial	All speeding	111.2	107.4	103.8	103.9
100 km/h	Urban	All	All speeding	111.7	107.5	103.8	103.8
100 km/h	Urban	Local	All speeding	112.7	109.7	103.9	103.3
100 km/h	Urban	Arterial	All speeding	111.6	107.5	103.8	103.8
100 km/h	Regional	All	All speeding	109.9	106.9	103.9	104.1
100 km/h	Regional	Local	All speeding	107.1	106.0	105.1	105.4
100 km/h	Regional	Arterial	All speeding	109.9	106.9	103.9	104.0
110 km/h	All	All	All speeding	120.1	117.1	114.5	114.5
110 km/h	All	Arterial	All speeding	120.1	117.1	114.5	114.5
110 km/h	Urban	All	All speeding	120.1	117.1	114.5	114.5
110 km/h	Urban	Arterial	All speeding	120.1	117.1	114.5	114.5
50 km/h	All	All	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	All	Local	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	Urban	All	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	Urban	Local	<10% above speed limit	52.8	52.7	52.7	52.7

50 km/h	Regional	All	<10% above speed limit	52.9	52.9	52.8	52.9
50 km/h	Regional	Local	<10% above speed limit	52.9	52.9	52.8	52.9
60 km/h	All	All	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	All	Local	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	All	Arterial	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	Urban	All	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	Urban	Local	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	Urban	Arterial	<10% above speed limit	63.1	63.0	63.0	63.0
60 km/h	Regional	All	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Regional	Local	<10% above speed limit	63.3	63.3	63.3	63.3
60 km/h	Regional	Arterial	<10% above speed limit	63.1	63.1	63.1	63.1
80 km/h	All	All	<10% above speed limit	84.1	83.8	83.7	83.7
80 km/h	All	Local	<10% above speed limit	83.9	83.7	83.6	83.5
80 km/h	All	Arterial	<10% above speed limit	84.1	83.9	83.7	83.7
80 km/h	Urban	All	<10% above speed limit	84.1	83.8	83.7	83.7
80 km/h	Urban	Local	<10% above speed limit	83.9	83.6	83.5	83.4
80 km/h	Urban	Arterial	<10% above speed limit	84.2	83.9	83.7	83.7
80 km/h	Regional	All	<10% above speed limit	84.0	83.9	83.9	83.8
80 km/h	Regional	Local	<10% above speed limit	84.2	84.1	84.0	84.0
80 km/h	Regional	Arterial	<10% above speed limit	84.0	83.8	83.8	83.8
100 km/h	All	All	<10% above speed limit	105.9	104.3	103.3	103.3
100 km/h	All	Local	<10% above speed limit	104.4	103.8	103.6	103.4
100 km/h	All	Arterial	<10% above speed limit	105.9	104.3	103.3	103.3
100 km/h	Urban	All	<10% above speed limit	106.6	104.5	103.4	103.4
100 km/h	Urban	Local	<10% above speed limit	104.6	103.8	103.5	102.9
100 km/h	Urban	Arterial	<10% above speed limit	106.6	104.5	103.4	103.4
100 km/h	Regional	All	<10% above speed limit	103.8	103.4	103.1	103.1
100 km/h	Regional	Local	<10% above speed limit	103.9	103.8	103.6	103.7
100 km/h	Regional	Arterial	<10% above speed limit	103.8	103.4	103.1	103.1
110 km/h	All	All	<10% above speed limit	116.8	114.9	113.8	113.8
110 km/h	All	Arterial	<10% above speed limit	116.8	114.9	113.8	113.8
110 km/h	Urban	All	<10% above speed limit	116.8	114.9	113.8	113.8
110 km/h	Urban	Arterial	<10% above speed limit	116.8	114.9	113.8	113.8
50 km/h	All	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	All	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Regional	All	10-20% above speed limit	57.9	57.9	57.9	57.9
50 km/h	Regional	Local	10-20% above speed limit	57.9	57.9	57.9	57.9
60 km/h	All	All	10-20% above speed limit	69.1	69.0	68.9	68.9
60 km/h	All	Local	10-20% above speed limit	69.1	69.0	68.9	68.9
60 km/h	All	Arterial	10-20% above speed limit	69.2	69.0	68.9	68.9
60 km/h	Urban	All	10-20% above speed limit	69.2	69.0	68.9	68.9
60 km/h	Urban	Local	10-20% above speed limit	69.1	69.0	68.9	68.9
60 km/h	Urban	Arterial	10-20% above speed limit	69.2	69.0	68.9	68.9

60 km/h	Regional	All	10-20% above speed limit	69.1	69.0	69.0	69.0
60 km/h	Regional	Local	10-20% above speed limit	69.2	69.1	69.1	69.3
60 km/h	Regional	Arterial	10-20% above speed limit	69.1	69.0	68.9	68.9
80 km/h	All	All	10-20% above speed limit	92.6	92.2	91.8	91.7
80 km/h	All	Local	10-20% above speed limit	92.1	91.6	91.5	91.5
80 km/h	All	Arterial	10-20% above speed limit	92.7	92.3	91.8	91.7
80 km/h	Urban	All	10-20% above speed limit	92.7	92.3	91.8	91.7
80 km/h	Urban	Local	10-20% above speed limit	92.1	91.6	91.4	91.3
80 km/h	Urban	Arterial	10-20% above speed limit	92.8	92.4	91.9	91.8
80 km/h	Regional	All	10-20% above speed limit	91.9	91.8	91.7	91.6
80 km/h	Regional	Local	10-20% above speed limit	92.0	92.0	92.1	92.1
80 km/h	Regional	Arterial	10-20% above speed limit	91.9	91.7	91.6	91.5
100 km/h	All	All	10-20% above speed limit	117.6	116.5	113.8	113.8
100 km/h	All	Local	10-20% above speed limit	115.7	114.9	113.5	113.6
100 km/h	All	Arterial	10-20% above speed limit	117.7	116.6	113.8	113.8
100 km/h	Urban	All	10-20% above speed limit	118.3	117.1	113.8	113.7
100 km/h	Urban	Local	10-20% above speed limit	116.0	115.8	113.4	113.7
100 km/h	Urban	Arterial	10-20% above speed limit	118.4	117.1	113.8	113.7
100 km/h	Regional	All	10-20% above speed limit	115.3	114.8	113.8	114.0
100 km/h	Regional	Local	10-20% above speed limit	114.1	113.8	113.5	113.5
100 km/h	Regional	Arterial	10-20% above speed limit	115.4	114.8	113.8	114.0
110 km/h	All	All	10-20% above speed limit	128.7	128.2	125.7	125.6
110 km/h	All	Arterial	10-20% above speed limit	128.7	128.2	125.7	125.6
110 km/h	Urban	All	10-20% above speed limit	128.7	128.2	125.7	125.6
110 km/h	Urban	Arterial	10-20% above speed limit	128.7	128.2	125.7	125.6
50 km/h	All	All	>20% above speed limit	69.1	68.7	68.0	69.7
50 km/h	All	Local	>20% above speed limit	69.1	68.7	68.0	69.7
50 km/h	Urban	All	>20% above speed limit	69.1	68.8	67.9	69.9
50 km/h	Urban	Local	>20% above speed limit	69.1	68.8	67.9	69.9
50 km/h	Regional	All	>20% above speed limit	68.7	68.2	68.5	68.5
50 km/h	Regional	Local	>20% above speed limit	68.7	68.2	68.5	68.5
60 km/h	All	All	>20% above speed limit	81.3	81.0	79.8	80.7
60 km/h	All	Local	>20% above speed limit	82.0	81.6	79.8	80.6
60 km/h	All	Arterial	>20% above speed limit	80.7	80.5	79.8	80.8
60 km/h	Urban	All	>20% above speed limit	81.3	80.9	79.6	80.7
60 km/h	Urban	Local	>20% above speed limit	82.0	81.3	79.3	80.4
60 km/h	Urban	Arterial	>20% above speed limit	80.7	80.6	79.9	81.1
60 km/h	Regional	All	>20% above speed limit	81.2	82.3	81.3	80.4
60 km/h	Regional	Local	>20% above speed limit	83.8	85.5	84.4	82.8
60 km/h	Regional	Arterial	>20% above speed limit	79.7	79.1	78.2	77.7
80 km/h	All	All	>20% above speed limit	107.3	105.2	100.9	101.5
80 km/h	All	Local	>20% above speed limit	105.7	105.7	101.7	103.0
80 km/h	All	Arterial	>20% above speed limit	107.5	105.2	100.8	101.3
80 km/h	Urban	All	>20% above speed limit	107.3	105.2	100.8	101.5
80 km/h	Urban	Local	>20% above speed limit	105.8	106.2	101.4	103.9

80 km/h	Urban	Arterial	>20% above speed limit	107.5	105.1	100.8	101.4
80 km/h	Regional	All	>20% above speed limit	107.8	105.6	101.2	101.4
80 km/h	Regional	Local	>20% above speed limit	103.9	103.5	102.0	102.0
80 km/h	Regional	Arterial	>20% above speed limit	108.1	106.0	100.8	100.9
100 km/h	All	All	>20% above speed limit	128.6	128.5	126.0	129.2
100 km/h	All	Local	>20% above speed limit	126.9	127.1	128.2	156.2
100 km/h	All	Arterial	>20% above speed limit	128.6	128.5	126.0	128.8
100 km/h	Urban	All	>20% above speed limit	128.6	128.6	125.5	129.4
100 km/h	Urban	Local	>20% above speed limit	126.9	127.0	127.7	143.1
100 km/h	Urban	Arterial	>20% above speed limit	128.6	128.6	125.5	129.3
100 km/h	Regional	All	>20% above speed limit	128.6	128.5	126.5	129.0
100 km/h	Regional	Local	>20% above speed limit	127.0	127.7	128.3	158.7
100 km/h	Regional	Arterial	>20% above speed limit	128.6	128.5	126.5	128.3
110 km/h	All	All	>20% above speed limit	141.5	138.2	139.7	145.7
110 km/h	All	Arterial	>20% above speed limit	141.5	138.2	139.7	145.7
110 km/h	Urban	All	>20% above speed limit	141.5	138.2	139.7	145.7
110 km/h	Urban	Arterial	>20% above speed limit	141.5	138.2	139.7	145.7

A4. Summary speed tables - trucks

This section sets out summary tables for road performance by trucks in Queensland.

A4.1 Queensland summary speed tables

Table A4.1: Truck average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	50.0	51.5	51.8	51.1
All	All	Local	31.8	32.7	33.4	32.9
All	All	Arterial	67.6	69.2	70.3	70.8
All	Urban	All	40.6	40.3	39.9	39.1
All	Urban	Local	30.3	30.8	31.1	30.6
All	Urban	Arterial	55.1	54.9	54.7	54.9
All	Regional	All	79.1	79.8	79.4	79.3
All	Regional	Local	45.7	48.6	49.4	49.3
All	Regional	Arterial	87.6	87.0	87.3	87.2
50 km/h	All	All	21.9	22.5	23.1	22.8
50 km/h	All	Local	21.9	22.5	23.1	22.8
50 km/h	Urban	All	21.6	22.1	22.7	22.4
50 km/h	Urban	Local	21.6	22.1	22.7	22.4
50 km/h	Regional	All	26.2	27.5	27.3	27.2
50 km/h	Regional	Local	26.2	27.5	27.3	27.2
60 km/h	All	All	38.7	39.3	39.7	39.7
60 km/h	All	Local	38.6	39.1	39.4	39.3
60 km/h	All	Arterial	38.9	39.5	40.0	40.3
60 km/h	Urban	All	38.3	38.7	39.1	39.1
60 km/h	Urban	Local	38.4	38.9	39.1	39.0
60 km/h	Urban	Arterial	38.1	38.6	39.1	39.3
60 km/h	Regional	All	44.8	45.4	45.3	45.8
60 km/h	Regional	Local	41.8	43.1	43.6	43.7
60 km/h	Regional	Arterial	47.0	46.8	46.5	47.2
80 km/h	All	All	66.0	65.9	65.9	65.9
80 km/h	All	Local	63.4	63.1	62.9	62.4
80 km/h	All	Arterial	66.7	66.8	66.9	67.2
80 km/h	Urban	All	64.6	64.6	64.5	64.5
80 km/h	Urban	Local	63.1	62.7	62.6	61.8
80 km/h	Urban	Arterial	65.1	65.3	65.3	65.6
80 km/h	Regional	All	70.0	69.2	68.9	69.0
80 km/h	Regional	Local	64.4	64.3	63.9	63.8
80 km/h	Regional	Arterial	71.3	70.6	70.7	70.8
100 km/h	All	All	89.7	89.2	89.3	89.4
100 km/h	All	Local	68.2	70.6	72.7	72.0

100 km/h	All	Arterial	91.7	91.0	91.2	91.4
100 km/h	Urban	All	87.1	85.9	84.5	84.7
100 km/h	Urban	Local	66.7	64.5	66.0	63.3
100 km/h	Urban	Arterial	88.2	87.5	86.3	87.3
100 km/h	Regional	All	90.6	90.0	90.3	90.3
100 km/h	Regional	Local	68.5	71.7	73.9	73.8
100 km/h	Regional	Arterial	92.9	91.9	92.2	92.3
110 km/h	All	All	96.2	96.0	96.4	95.1
110 km/h	All	Local	53.0	53.8	55.1	58.9
110 km/h	All	Arterial	96.3	96.2	96.5	95.2
110 km/h	Urban	All	95.0	96.5	96.8	98.1
110 km/h	Urban	Local	54.7	55.4	56.5	59.0
110 km/h	Urban	Arterial	95.2	96.7	97.1	98.4
110 km/h	Regional	All	97.1	95.9	96.2	94.1
110 km/h	Regional	Local	36.5	36.6	42.8	57.9
110 km/h	Regional	Arterial	97.1	95.9	96.2	94.1

Table A4.2: Truck percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	67.9%	69.1%	69.4%	68.9%
All	All	Local	55.8%	57.0%	57.8%	57.1%
All	All	Arterial	79.5%	80.5%	81.2%	81.6%
All	Urban	All	62.0%	62.5%	62.5%	61.8%
All	Urban	Local	54.7%	55.8%	56.4%	55.6%
All	Urban	Arterial	72.4%	72.7%	72.8%	73.2%
All	Regional	All	85.8%	85.8%	85.6%	85.5%
All	Regional	Local	65.4%	67.3%	68.0%	67.7%
All	Regional	Arterial	91.0%	90.1%	90.3%	90.2%

Table A4.3: Truck compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	77.9%	77.0%	76.4%	75.9%
All	All	Local	Compliance	85.8%	85.5%	85.2%	84.9%
All	All	Arterial	Compliance	74.3%	73.3%	72.2%	71.3%
All	Urban	All	Compliance	81.7%	81.8%	82.5%	81.9%
All	Urban	Local	Compliance	87.1%	86.9%	86.9%	86.6%
All	Urban	Arterial	Compliance	77.5%	77.4%	78.2%	77.0%
All	Regional	All	Compliance	71.8%	70.9%	69.3%	68.9%
All	Regional	Local	Compliance	78.1%	77.9%	77.4%	77.4%

All	Regional	Arterial	Compliance	71.0%	70.0%	68.1%	67.6%
50 km/h	All	All	Compliance	90.3%	90.4%	90.0%	89.7%
50 km/h	All	Local	Compliance	90.3%	90.4%	90.0%	89.7%
50 km/h	Urban	All	Compliance	91.4%	91.5%	91.1%	90.9%
50 km/h	Urban	Local	Compliance	91.4%	91.5%	91.1%	90.9%
50 km/h	Regional	All	Compliance	79.2%	79.7%	80.3%	79.3%
50 km/h	Regional	Local	Compliance	79.2%	79.7%	80.3%	79.3%
60 km/h	All	All	Compliance	85.3%	84.4%	84.1%	83.6%
60 km/h	All	Local	Compliance	86.0%	85.5%	85.2%	84.8%
60 km/h	All	Arterial	Compliance	84.6%	83.1%	82.9%	82.0%
60 km/h	Urban	All	Compliance	86.4%	85.5%	85.4%	84.8%
60 km/h	Urban	Local	Compliance	86.9%	86.5%	86.4%	85.9%
60 km/h	Urban	Arterial	Compliance	85.8%	84.4%	84.3%	83.4%
60 km/h	Regional	All	Compliance	73.7%	72.9%	72.6%	72.4%
60 km/h	Regional	Local	Compliance	72.4%	70.9%	69.1%	70.2%
60 km/h	Regional	Arterial	Compliance	74.6%	74.0%	74.6%	73.7%
80 km/h	All	All	Compliance	67.9%	67.7%	67.5%	67.2%
80 km/h	All	Local	Compliance	73.7%	73.7%	72.9%	72.6%
80 km/h	All	Arterial	Compliance	66.3%	65.9%	65.6%	65.2%
80 km/h	Urban	All	Compliance	70.5%	70.8%	71.1%	70.8%
80 km/h	Urban	Local	Compliance	76.7%	77.9%	77.7%	76.9%
80 km/h	Urban	Arterial	Compliance	68.6%	68.6%	68.8%	68.5%
80 km/h	Regional	All	Compliance	60.9%	60.2%	59.8%	59.6%
80 km/h	Regional	Local	Compliance	63.3%	61.9%	61.8%	62.4%
80 km/h	Regional	Arterial	Compliance	60.4%	59.8%	59.1%	58.8%
100 km/h	All	All	Compliance	70.1%	69.2%	68.0%	67.2%
100 km/h	All	Local	Compliance	86.6%	86.3%	85.5%	85.4%
100 km/h	All	Arterial	Compliance	68.9%	68.0%	66.4%	65.5%
100 km/h	Urban	All	Compliance	68.6%	69.8%	72.5%	71.0%
100 km/h	Urban	Local	Compliance	93.3%	94.8%	93.6%	93.0%
100 km/h	Urban	Arterial	Compliance	67.6%	68.4%	70.9%	69.1%
100 km/h	Regional	All	Compliance	70.5%	69.1%	67.1%	66.5%
100 km/h	Regional	Local	Compliance	85.5%	84.9%	84.1%	84.0%
100 km/h	Regional	Arterial	Compliance	69.4%	67.9%	65.5%	64.8%
110 km/h	All	All	Compliance	85.6%	87.2%	87.0%	85.2%
110 km/h	All	Local	Compliance	99.7%	99.6%	99.6%	99.2%
110 km/h	All	Arterial	Compliance	85.6%	87.2%	86.9%	85.2%
110 km/h	Urban	All	Compliance	80.9%	80.9%	82.6%	76.5%
110 km/h	Urban	Local	Compliance	99.7%	99.7%	99.7%	99.6%
110 km/h	Urban	Arterial	Compliance	80.9%	80.8%	82.6%	76.3%
110 km/h	Regional	All	Compliance	88.9%	90.3%	88.5%	88.0%
110 km/h	Regional	Local	Compliance	99.3%	99.2%	98.7%	97.1%
110 km/h	Regional	Arterial	Compliance	88.9%	90.3%	88.5%	88.0%
All	All	All	<10% above speed limit	17.2%	18.1%	18.6%	19.1%
All	All	Local	<10% above speed limit	7.9%	8.2%	8.3%	8.5%

All	All	Arterial	<10% above speed limit	21.5%	22.5%	23.5%	24.4%
All	Urban	All	<10% above speed limit	13.1%	12.9%	12.3%	12.7%
All	Urban	Local	<10% above speed limit	7.2%	7.4%	7.3%	7.5%
All	Urban	Arterial	<10% above speed limit	17.7%	17.6%	17.1%	18.1%
All	Regional	All	<10% above speed limit	23.8%	24.7%	26.0%	26.5%
All	Regional	Local	<10% above speed limit	12.4%	12.6%	12.9%	13.0%
All	Regional	Arterial	<10% above speed limit	25.3%	26.3%	27.9%	28.6%
50 km/h	All	All	<10% above speed limit	4.6%	4.7%	4.7%	4.7%
50 km/h	All	Local	<10% above speed limit	4.6%	4.7%	4.7%	4.7%
50 km/h	Urban	All	<10% above speed limit	4.3%	4.4%	4.4%	4.5%
50 km/h	Urban	Local	<10% above speed limit	4.3%	4.4%	4.4%	4.5%
50 km/h	Regional	All	<10% above speed limit	7.9%	7.3%	7.0%	6.9%
50 km/h	Regional	Local	<10% above speed limit	7.9%	7.3%	7.0%	6.9%
60 km/h	All	All	<10% above speed limit	8.8%	9.3%	9.4%	9.7%
60 km/h	All	Local	<10% above speed limit	8.2%	8.4%	8.5%	8.7%
60 km/h	All	Arterial	<10% above speed limit	9.4%	10.2%	10.5%	10.8%
60 km/h	Urban	All	<10% above speed limit	8.3%	8.8%	8.9%	9.1%
60 km/h	Urban	Local	<10% above speed limit	7.8%	8.1%	8.1%	8.3%
60 km/h	Urban	Arterial	<10% above speed limit	8.8%	9.7%	9.9%	10.2%
60 km/h	Regional	All	<10% above speed limit	14.2%	14.2%	14.1%	14.6%
60 km/h	Regional	Local	<10% above speed limit	14.2%	14.4%	14.8%	14.6%
60 km/h	Regional	Arterial	<10% above speed limit	14.2%	14.0%	13.7%	14.5%
80 km/h	All	All	<10% above speed limit	20.5%	20.9%	21.5%	22.0%
80 km/h	All	Local	<10% above speed limit	15.9%	16.1%	16.1%	16.8%
80 km/h	All	Arterial	<10% above speed limit	21.7%	22.4%	23.4%	23.8%
80 km/h	Urban	All	<10% above speed limit	19.5%	20.0%	20.8%	21.1%
80 km/h	Urban	Local	<10% above speed limit	15.8%	16.0%	16.0%	16.7%
80 km/h	Urban	Arterial	<10% above speed limit	20.6%	21.2%	22.5%	22.7%
80 km/h	Regional	All	<10% above speed limit	23.0%	23.2%	23.1%	23.8%
80 km/h	Regional	Local	<10% above speed limit	16.5%	16.5%	16.3%	17.1%
80 km/h	Regional	Arterial	<10% above speed limit	24.4%	24.8%	25.3%	25.9%
100 km/h	All	All	<10% above speed limit	27.7%	28.4%	29.4%	30.3%
100 km/h	All	Local	<10% above speed limit	11.9%	12.1%	12.8%	12.9%
100 km/h	All	Arterial	<10% above speed limit	28.8%	29.7%	30.9%	31.9%
100 km/h	Urban	All	<10% above speed limit	30.0%	28.9%	26.3%	27.7%
100 km/h	Urban	Local	<10% above speed limit	6.1%	4.7%	5.8%	6.4%
100 km/h	Urban	Arterial	<10% above speed limit	31.0%	30.3%	27.8%	29.5%
100 km/h	Regional	All	<10% above speed limit	27.0%	28.3%	30.0%	30.7%
100 km/h	Regional	Local	<10% above speed limit	13.0%	13.3%	13.9%	14.1%
100 km/h	Regional	Arterial	<10% above speed limit	28.1%	29.5%	31.5%	32.3%
110 km/h	All	All	<10% above speed limit	13.1%	11.6%	11.8%	13.5%
110 km/h	All	Local	<10% above speed limit	0.2%	0.3%	0.3%	0.6%
110 km/h	All	Arterial	<10% above speed limit	13.1%	11.7%	11.8%	13.5%
110 km/h	Urban	All	<10% above speed limit	17.6%	17.7%	16.1%	21.9%
110 km/h	Urban	Local	<10% above speed limit	0.2%	0.2%	0.2%	0.3%

110 km/h	Urban	Arterial	<10% above speed limit	17.7%	17.8%	16.2%	22.0%
110 km/h	Regional	All	<10% above speed limit	10.1%	8.7%	10.2%	10.7%
110 km/h	Regional	Local	<10% above speed limit	0.6%	0.5%	1.0%	2.5%
110 km/h	Regional	Arterial	<10% above speed limit	10.1%	8.7%	10.2%	10.7%
All	All	All	10-20% above speed limit	3.1%	3.1%	3.2%	3.2%
All	All	Local	10-20% above speed limit	3.2%	3.3%	3.4%	3.4%
All	All	Arterial	10-20% above speed limit	3.1%	3.0%	3.2%	3.2%
All	Urban	All	10-20% above speed limit	3.3%	3.3%	3.3%	3.4%
All	Urban	Local	10-20% above speed limit	3.1%	3.1%	3.1%	3.2%
All	Urban	Arterial	10-20% above speed limit	3.4%	3.5%	3.5%	3.6%
All	Regional	All	10-20% above speed limit	2.9%	2.9%	3.2%	3.1%
All	Regional	Local	10-20% above speed limit	4.1%	4.3%	4.4%	4.3%
All	Regional	Arterial	10-20% above speed limit	2.7%	2.7%	3.0%	2.9%
50 km/h	All	All	10-20% above speed limit	1.9%	2.0%	2.0%	2.1%
50 km/h	All	Local	10-20% above speed limit	1.9%	2.0%	2.0%	2.1%
50 km/h	Urban	All	10-20% above speed limit	1.8%	1.8%	1.9%	2.0%
50 km/h	Urban	Local	10-20% above speed limit	1.8%	1.8%	1.9%	2.0%
50 km/h	Regional	All	10-20% above speed limit	3.5%	3.6%	3.4%	3.4%
50 km/h	Regional	Local	10-20% above speed limit	3.5%	3.6%	3.4%	3.4%
60 km/h	All	All	10-20% above speed limit	3.8%	4.0%	4.1%	4.3%
60 km/h	All	Local	10-20% above speed limit	3.7%	3.8%	3.9%	4.1%
60 km/h	All	Arterial	10-20% above speed limit	3.9%	4.2%	4.2%	4.5%
60 km/h	Urban	All	10-20% above speed limit	3.5%	3.7%	3.7%	3.9%
60 km/h	Urban	Local	10-20% above speed limit	3.5%	3.6%	3.6%	3.8%
60 km/h	Urban	Arterial	10-20% above speed limit	3.5%	3.9%	3.9%	4.1%
60 km/h	Regional	All	10-20% above speed limit	6.5%	6.8%	7.0%	7.2%
60 km/h	Regional	Local	10-20% above speed limit	6.7%	7.4%	8.0%	7.9%
60 km/h	Regional	Arterial	10-20% above speed limit	6.4%	6.5%	6.4%	6.7%
80 km/h	All	All	10-20% above speed limit	8.0%	8.0%	8.0%	8.0%
80 km/h	All	Local	10-20% above speed limit	6.8%	6.6%	6.9%	6.9%
80 km/h	All	Arterial	10-20% above speed limit	8.4%	8.4%	8.4%	8.3%
80 km/h	Urban	All	10-20% above speed limit	7.1%	6.7%	6.6%	6.5%
80 km/h	Urban	Local	10-20% above speed limit	5.7%	4.9%	5.0%	5.1%
80 km/h	Urban	Arterial	10-20% above speed limit	7.5%	7.3%	7.1%	7.0%
80 km/h	Regional	All	10-20% above speed limit	10.5%	10.8%	11.1%	11.0%
80 km/h	Regional	Local	10-20% above speed limit	10.3%	11.4%	11.2%	11.1%
80 km/h	Regional	Arterial	10-20% above speed limit	10.5%	10.7%	11.1%	11.0%
100 km/h	All	All	10-20% above speed limit	1.7%	1.8%	2.1%	2.0%
100 km/h	All	Local	10-20% above speed limit	1.1%	1.2%	1.4%	1.3%
100 km/h	All	Arterial	10-20% above speed limit	1.7%	1.9%	2.1%	2.1%
100 km/h	Urban	All	10-20% above speed limit	1.1%	1.0%	1.0%	1.0%
100 km/h	Urban	Local	10-20% above speed limit	0.5%	0.3%	0.4%	0.5%
100 km/h	Urban	Arterial	10-20% above speed limit	1.2%	1.1%	1.0%	1.1%
100 km/h	Regional	All	10-20% above speed limit	1.9%	2.0%	2.3%	2.2%
100 km/h	Regional	Local	10-20% above speed limit	1.2%	1.4%	1.6%	1.5%

100 km/h	Regional	Arterial	10-20% above speed limit	1.9%	2.0%	2.4%	2.2%
110 km/h	All	All	10-20% above speed limit	1.2%	1.1%	1.2%	1.3%
110 km/h	All	Local	10-20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	All	Arterial	10-20% above speed limit	1.2%	1.1%	1.2%	1.3%
110 km/h	Urban	All	10-20% above speed limit	1.5%	1.4%	1.2%	1.6%
110 km/h	Urban	Local	10-20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	Urban	Arterial	10-20% above speed limit	1.5%	1.4%	1.2%	1.6%
110 km/h	Regional	All	10-20% above speed limit	1.0%	0.9%	1.2%	1.2%
110 km/h	Regional	Local	10-20% above speed limit	0.1%	0.3%	0.3%	0.3%
110 km/h	Regional	Arterial	10-20% above speed limit	1.0%	0.9%	1.2%	1.2%
All	All	All	>20% above speed limit	1.8%	1.7%	1.7%	1.8%
All	All	Local	>20% above speed limit	3.0%	3.0%	3.1%	3.2%
All	All	Arterial	>20% above speed limit	1.2%	1.2%	1.1%	1.1%
All	Urban	All	>20% above speed limit	1.9%	1.9%	1.9%	2.0%
All	Urban	Local	>20% above speed limit	2.6%	2.5%	2.6%	2.7%
All	Urban	Arterial	>20% above speed limit	1.4%	1.4%	1.2%	1.3%
All	Regional	All	>20% above speed limit	1.5%	1.5%	1.6%	1.5%
All	Regional	Local	>20% above speed limit	5.4%	5.2%	5.3%	5.2%
All	Regional	Arterial	>20% above speed limit	1.0%	1.0%	1.0%	0.9%
50 km/h	All	All	>20% above speed limit	3.2%	3.0%	3.3%	3.5%
50 km/h	All	Local	>20% above speed limit	3.2%	3.0%	3.3%	3.5%
50 km/h	Urban	All	>20% above speed limit	2.5%	2.3%	2.6%	2.7%
50 km/h	Urban	Local	>20% above speed limit	2.5%	2.3%	2.6%	2.7%
50 km/h	Regional	All	>20% above speed limit	9.4%	9.5%	9.2%	10.4%
50 km/h	Regional	Local	>20% above speed limit	9.4%	9.5%	9.2%	10.4%
60 km/h	All	All	>20% above speed limit	2.1%	2.3%	2.4%	2.5%
60 km/h	All	Local	>20% above speed limit	2.1%	2.2%	2.4%	2.4%
60 km/h	All	Arterial	>20% above speed limit	2.1%	2.4%	2.4%	2.6%
60 km/h	Urban	All	>20% above speed limit	1.8%	2.0%	1.9%	2.1%
60 km/h	Urban	Local	>20% above speed limit	1.8%	1.9%	2.0%	2.1%
60 km/h	Urban	Arterial	>20% above speed limit	1.8%	2.0%	1.9%	2.2%
60 km/h	Regional	All	>20% above speed limit	5.6%	6.1%	6.3%	5.9%
60 km/h	Regional	Local	>20% above speed limit	6.7%	7.3%	8.0%	7.3%
60 km/h	Regional	Arterial	>20% above speed limit	4.9%	5.5%	5.2%	5.0%
80 km/h	All	All	>20% above speed limit	3.6%	3.5%	3.0%	2.9%
80 km/h	All	Local	>20% above speed limit	3.6%	3.6%	4.1%	3.7%
80 km/h	All	Arterial	>20% above speed limit	3.6%	3.4%	2.6%	2.7%
80 km/h	Urban	All	>20% above speed limit	2.9%	2.5%	1.6%	1.7%
80 km/h	Urban	Local	>20% above speed limit	1.8%	1.2%	1.2%	1.3%
80 km/h	Urban	Arterial	>20% above speed limit	3.2%	2.9%	1.7%	1.8%
80 km/h	Regional	All	>20% above speed limit	5.6%	5.8%	6.0%	5.5%
80 km/h	Regional	Local	>20% above speed limit	9.9%	10.3%	10.7%	9.4%
80 km/h	Regional	Arterial	>20% above speed limit	4.7%	4.7%	4.5%	4.3%
100 km/h	All	All	>20% above speed limit	0.5%	0.5%	0.6%	0.5%
100 km/h	All	Local	>20% above speed limit	0.3%	0.4%	0.4%	0.4%

100 km/h	All	Arterial	>20% above speed limit	0.5%	0.5%	0.6%	0.5%
100 km/h	Urban	All	>20% above speed limit	0.2%	0.3%	0.3%	0.3%
100 km/h	Urban	Local	>20% above speed limit	0.2%	0.2%	0.2%	0.2%
100 km/h	Urban	Arterial	>20% above speed limit	0.3%	0.3%	0.3%	0.3%
100 km/h	Regional	All	>20% above speed limit	0.6%	0.6%	0.6%	0.6%
100 km/h	Regional	Local	>20% above speed limit	0.4%	0.4%	0.4%	0.4%
100 km/h	Regional	Arterial	>20% above speed limit	0.6%	0.6%	0.7%	0.6%
110 km/h	All	All	>20% above speed limit	0.0%	0.0%	0.1%	0.1%
110 km/h	All	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	All	Arterial	>20% above speed limit	0.0%	0.0%	0.1%	0.1%
110 km/h	Urban	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Regional	All	>20% above speed limit	0.0%	0.1%	0.1%	0.1%
110 km/h	Regional	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Regional	Arterial	>20% above speed limit	0.0%	0.1%	0.1%	0.1%

Table A4.4: Truck average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	57.9	57.5	57.8	58.0
50 km/h	All	Local	All speeding	57.9	57.5	57.8	58.0
50 km/h	Urban	All	All speeding	57.3	56.8	57.2	57.3
50 km/h	Urban	Local	All speeding	57.3	56.8	57.2	57.3
50 km/h	Regional	All	All speeding	60.3	60.5	60.3	61.0
50 km/h	Regional	Local	All speeding	60.3	60.5	60.3	61.0
60 km/h	All	All	All speeding	65.9	66.0	66.0	66.1
60 km/h	All	Local	All speeding	66.0	66.1	66.2	66.2
60 km/h	All	Arterial	All speeding	65.8	65.9	65.9	66.0
60 km/h	Urban	All	All speeding	65.7	65.7	65.7	65.9
60 km/h	Urban	Local	All speeding	65.8	65.8	65.9	65.9
60 km/h	Urban	Arterial	All speeding	65.6	65.6	65.6	65.8
60 km/h	Regional	All	All speeding	67.0	67.3	67.4	67.1
60 km/h	Regional	Local	All speeding	67.5	67.9	68.0	67.8
60 km/h	Regional	Arterial	All speeding	66.6	66.9	67.0	66.7
80 km/h	All	All	All speeding	86.9	86.9	86.7	86.6
80 km/h	All	Local	All speeding	87.4	87.3	87.6	87.3
80 km/h	All	Arterial	All speeding	86.8	86.7	86.4	86.4
80 km/h	Urban	All	All speeding	86.6	86.4	86.0	86.0
80 km/h	Urban	Local	All speeding	86.2	85.7	85.7	85.8
80 km/h	Urban	Arterial	All speeding	86.7	86.6	86.0	86.1
80 km/h	Regional	All	All speeding	87.5	87.6	87.8	87.5
80 km/h	Regional	Local	All speeding	90.2	90.2	90.3	89.7

80 km/h	Regional	Arterial	All speeding	87.0	87.1	87.0	86.9
100 km/h	All	All	All speeding	104.1	104.2	104.4	104.2
100 km/h	All	Local	All speeding	104.8	104.9	105.0	104.9
100 km/h	All	Arterial	All speeding	104.1	104.1	104.4	104.2
100 km/h	Urban	All	All speeding	104.3	104.4	104.4	104.6
100 km/h	Urban	Local	All speeding	104.6	104.5	104.6	104.6
100 km/h	Urban	Arterial	All speeding	104.3	104.4	104.4	104.6
100 km/h	Regional	All	All speeding	104.1	104.1	104.4	104.2
100 km/h	Regional	Local	All speeding	104.8	104.9	105.0	105.0
100 km/h	Regional	Arterial	All speeding	104.1	104.1	104.3	104.1
110 km/h	All	All	All speeding	115.2	115.3	115.3	115.4
110 km/h	All	Local	All speeding	118.6	118.3	118.1	116.2
110 km/h	All	Arterial	All speeding	115.2	115.3	115.3	115.4
110 km/h	Urban	All	All speeding	115.3	115.5	115.4	115.7
110 km/h	Urban	Local	All speeding	119.0	118.2	118.8	117.2
110 km/h	Urban	Arterial	All speeding	115.3	115.5	115.4	115.7
110 km/h	Regional	All	All speeding	115.1	115.1	115.2	115.3
110 km/h	Regional	Local	All speeding	116.4	119.3	116.2	115.2
110 km/h	Regional	Arterial	All speeding	115.1	115.1	115.2	115.3
50 km/h	All	All	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	All	Local	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	Urban	All	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	Urban	Local	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	Regional	All	<10% above speed limit	52.8	52.7	52.7	52.7
50 km/h	Regional	Local	<10% above speed limit	52.8	52.7	52.7	52.7
60 km/h	All	All	<10% above speed limit	63.0	63.0	63.0	63.0
60 km/h	All	Local	<10% above speed limit	63.0	63.0	63.0	63.0
60 km/h	All	Arterial	<10% above speed limit	63.0	63.0	63.0	63.1
60 km/h	Urban	All	<10% above speed limit	63.0	63.0	63.0	63.1
60 km/h	Urban	Local	<10% above speed limit	63.0	63.0	63.0	63.0
60 km/h	Urban	Arterial	<10% above speed limit	63.0	63.0	63.0	63.1
60 km/h	Regional	All	<10% above speed limit	63.0	63.0	63.1	63.0
60 km/h	Regional	Local	<10% above speed limit	63.0	63.1	63.1	63.1
60 km/h	Regional	Arterial	<10% above speed limit	63.0	63.0	63.0	63.0
80 km/h	All	All	<10% above speed limit	83.8	83.9	83.9	84.0
80 km/h	All	Local	<10% above speed limit	83.8	83.8	83.8	83.8
80 km/h	All	Arterial	<10% above speed limit	83.9	83.9	84.0	84.0
80 km/h	Urban	All	<10% above speed limit	83.8	83.9	83.9	83.9
80 km/h	Urban	Local	<10% above speed limit	83.7	83.7	83.7	83.7
80 km/h	Urban	Arterial	<10% above speed limit	83.8	83.9	84.0	84.0
80 km/h	Regional	All	<10% above speed limit	83.9	83.9	84.0	84.0
80 km/h	Regional	Local	<10% above speed limit	84.0	84.1	84.1	84.1
80 km/h	Regional	Arterial	<10% above speed limit	83.9	83.9	84.0	84.0
100 km/h	All	All	<10% above speed limit	103.3	103.3	103.4	103.4
100 km/h	All	Local	<10% above speed limit	103.5	103.5	103.6	103.6

100 km/h	All	Arterial	<10% above speed limit	103.3	103.3	103.4	103.4
100 km/h	Urban	All	<10% above speed limit	103.8	103.9	103.9	104.1
100 km/h	Urban	Local	<10% above speed limit	103.5	103.2	103.4	103.5
100 km/h	Urban	Arterial	<10% above speed limit	103.8	103.9	103.9	104.1
100 km/h	Regional	All	<10% above speed limit	103.1	103.2	103.3	103.2
100 km/h	Regional	Local	<10% above speed limit	103.5	103.5	103.6	103.6
100 km/h	Regional	Arterial	<10% above speed limit	103.1	103.1	103.3	103.2
110 km/h	All	All	<10% above speed limit	114.3	114.3	114.2	114.5
110 km/h	All	Local	<10% above speed limit	113.8	113.8	113.8	114.1
110 km/h	All	Arterial	<10% above speed limit	114.3	114.3	114.2	114.5
110 km/h	Urban	All	<10% above speed limit	114.5	114.7	114.7	115.0
110 km/h	Urban	Local	<10% above speed limit	113.6	113.9	114.4	114.3
110 km/h	Urban	Arterial	<10% above speed limit	114.5	114.7	114.7	115.0
110 km/h	Regional	All	<10% above speed limit	114.1	113.9	114.0	114.1
110 km/h	Regional	Local	<10% above speed limit	114.5	113.2	112.4	113.8
110 km/h	Regional	Arterial	<10% above speed limit	114.1	113.9	114.0	114.1
50 km/h	All	All	10-20% above speed limit	57.7	57.7	57.7	57.8
50 km/h	All	Local	10-20% above speed limit	57.7	57.7	57.7	57.8
50 km/h	Urban	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Regional	All	10-20% above speed limit	57.8	57.8	57.8	57.9
50 km/h	Regional	Local	10-20% above speed limit	57.8	57.8	57.8	57.9
60 km/h	All	All	10-20% above speed limit	68.9	69.0	69.0	69.0
60 km/h	All	Local	10-20% above speed limit	68.9	69.0	69.0	69.0
60 km/h	All	Arterial	10-20% above speed limit	68.9	69.0	69.0	69.0
60 km/h	Urban	All	10-20% above speed limit	68.9	69.0	69.0	69.0
60 km/h	Urban	Local	10-20% above speed limit	68.9	69.0	69.0	69.0
60 km/h	Urban	Arterial	10-20% above speed limit	68.9	69.0	69.0	69.0
60 km/h	Regional	All	10-20% above speed limit	69.0	69.0	69.0	69.0
60 km/h	Regional	Local	10-20% above speed limit	69.0	69.1	69.1	69.1
60 km/h	Regional	Arterial	10-20% above speed limit	68.9	69.0	69.0	69.0
80 km/h	All	All	10-20% above speed limit	91.8	91.9	91.8	91.8
80 km/h	All	Local	10-20% above speed limit	91.8	91.8	91.9	91.8
80 km/h	All	Arterial	10-20% above speed limit	91.9	91.9	91.8	91.8
80 km/h	Urban	All	10-20% above speed limit	91.9	91.9	91.8	91.8
80 km/h	Urban	Local	10-20% above speed limit	91.6	91.5	91.5	91.5
80 km/h	Urban	Arterial	10-20% above speed limit	92.0	92.0	91.9	91.9
80 km/h	Regional	All	10-20% above speed limit	91.8	91.8	91.8	91.8
80 km/h	Regional	Local	10-20% above speed limit	92.0	92.2	92.2	92.1
80 km/h	Regional	Arterial	10-20% above speed limit	91.7	91.7	91.7	91.7
100 km/h	All	All	10-20% above speed limit	113.9	113.9	114.0	113.9
100 km/h	All	Local	10-20% above speed limit	114.0	113.9	114.0	114.1
100 km/h	All	Arterial	10-20% above speed limit	113.9	113.9	114.0	113.9
100 km/h	Urban	All	10-20% above speed limit	113.8	114.1	114.3	114.4
100 km/h	Urban	Local	10-20% above speed limit	113.9	114.0	114.0	113.9

100 km/h	Urban	Arterial	10-20% above speed limit	113.8	114.1	114.3	114.4
100 km/h	Regional	All	10-20% above speed limit	113.9	113.9	113.9	113.9
100 km/h	Regional	Local	10-20% above speed limit	114.0	113.9	114.0	114.1
100 km/h	Regional	Arterial	10-20% above speed limit	113.9	113.9	113.9	113.8
110 km/h	All	All	10-20% above speed limit	125.7	125.9	125.8	125.9
110 km/h	All	Local	10-20% above speed limit	128.2	128.9	128.3	126.9
110 km/h	All	Arterial	10-20% above speed limit	125.7	125.9	125.8	125.9
110 km/h	Urban	All	10-20% above speed limit	125.8	126.0	126.0	125.9
110 km/h	Urban	Local	10-20% above speed limit	128.1	128.7	128.3	126.9
110 km/h	Urban	Arterial	10-20% above speed limit	125.8	126.0	126.0	125.9
110 km/h	Regional	All	10-20% above speed limit	125.6	125.9	125.7	125.8
110 km/h	Regional	Local	10-20% above speed limit	130.0	130.0	128.2	126.8
110 km/h	Regional	Arterial	10-20% above speed limit	125.6	125.9	125.7	125.8
50 km/h	All	All	>20% above speed limit	69.0	68.5	68.5	68.7
50 km/h	All	Local	>20% above speed limit	69.0	68.5	68.5	68.7
50 km/h	Urban	All	>20% above speed limit	68.3	67.5	67.9	67.8
50 km/h	Urban	Local	>20% above speed limit	68.3	67.5	67.9	67.8
50 km/h	Regional	All	>20% above speed limit	71.1	70.7	70.0	70.5
50 km/h	Regional	Local	>20% above speed limit	71.1	70.7	70.0	70.5
60 km/h	All	All	>20% above speed limit	79.5	79.6	79.6	79.5
60 km/h	All	Local	>20% above speed limit	79.3	79.5	79.5	79.4
60 km/h	All	Arterial	>20% above speed limit	79.6	79.8	79.8	79.6
60 km/h	Urban	All	>20% above speed limit	79.1	79.1	79.0	79.0
60 km/h	Urban	Local	>20% above speed limit	78.9	78.9	78.8	78.8
60 km/h	Urban	Arterial	>20% above speed limit	79.4	79.5	79.3	79.3
60 km/h	Regional	All	>20% above speed limit	80.7	81.0	81.2	80.8
60 km/h	Regional	Local	>20% above speed limit	81.3	81.8	81.6	81.3
60 km/h	Regional	Arterial	>20% above speed limit	80.2	80.5	80.9	80.3
80 km/h	All	All	>20% above speed limit	101.5	101.5	101.4	101.5
80 km/h	All	Local	>20% above speed limit	102.5	102.3	101.9	101.7
80 km/h	All	Arterial	>20% above speed limit	101.2	101.3	101.1	101.4
80 km/h	Urban	All	>20% above speed limit	101.5	101.7	101.6	102.2
80 km/h	Urban	Local	>20% above speed limit	101.2	101.9	101.8	102.3
80 km/h	Urban	Arterial	>20% above speed limit	101.6	101.7	101.5	102.2
80 km/h	Regional	All	>20% above speed limit	101.4	101.3	101.3	101.1
80 km/h	Regional	Local	>20% above speed limit	103.3	102.4	101.9	101.6
80 km/h	Regional	Arterial	>20% above speed limit	100.5	100.7	100.8	100.8
100 km/h	All	All	>20% above speed limit	125.4	125.8	125.8	125.8
100 km/h	All	Local	>20% above speed limit	125.8	125.6	125.4	125.4
100 km/h	All	Arterial	>20% above speed limit	125.3	125.8	125.8	125.8
100 km/h	Urban	All	>20% above speed limit	125.7	126.3	126.5	126.4
100 km/h	Urban	Local	>20% above speed limit	126.3	126.4	126.4	126.3
100 km/h	Urban	Arterial	>20% above speed limit	125.7	126.3	126.5	126.4
100 km/h	Regional	All	>20% above speed limit	125.3	125.7	125.7	125.8
100 km/h	Regional	Local	>20% above speed limit	125.7	125.5	125.3	125.4

100 km/h	Regional	Arterial	>20% above speed limit	125.3	125.8	125.7	125.8
110 km/h	All	All	>20% above speed limit	136.7	138.1	137.0	137.7
110 km/h	All	Local	>20% above speed limit	138.0	139.3		134.0
110 km/h	All	Arterial	>20% above speed limit	136.7	138.1	137.0	137.7
110 km/h	Urban	All	>20% above speed limit	137.3	136.6	136.7	138.1
110 km/h	Urban	Local	>20% above speed limit	138.0	139.3		
110 km/h	Urban	Arterial	>20% above speed limit	137.3	136.6	136.7	138.1
110 km/h	Regional	All	>20% above speed limit	136.5	138.2	137.0	137.7
110 km/h	Regional	Local	>20% above speed limit				134.0
110 km/h	Regional	Arterial	>20% above speed limit	136.5	138.2	137.0	137.7

A4.2 Brisbane summary speed tables

Table A4.5: Truck average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	41.1	41.4	41.0	40.1
All	All	Local	29.9	30.5	30.8	30.2
All	All	Arterial	56.2	56.5	56.4	56.6
All	Urban	All	39.7	39.5	39.0	38.2
All	Urban	Local	29.7	30.1	30.5	29.9
All	Urban	Arterial	54.1	53.7	53.3	53.6
All	Regional	All	71.5	73.0	72.3	72.4
All	Regional	Local	38.7	46.9	46.3	46.6
All	Regional	Arterial	80.5	79.8	79.7	80.0
50 km/h	All	All	21.0	21.4	22.0	21.6
50 km/h	All	Local	21.0	21.4	22.0	21.6
50 km/h	Urban	All	21.0	21.3	21.9	21.5
50 km/h	Urban	Local	21.0	21.3	21.9	21.5
50 km/h	Regional	All	22.5	27.4	27.9	28.5
50 km/h	Regional	Local	22.5	27.4	27.9	28.5
60 km/h	All	All	37.7	38.0	38.4	38.4
60 km/h	All	Local	37.7	38.1	38.4	38.2
60 km/h	All	Arterial	37.6	37.9	38.4	38.5
60 km/h	Urban	All	37.6	37.9	38.2	38.2
60 km/h	Urban	Local	37.7	38.0	38.3	38.2
60 km/h	Urban	Arterial	37.4	37.7	38.1	38.3
60 km/h	Regional	All	45.4	46.0	46.8	47.0
60 km/h	Regional	Local	44.4	46.8	47.5	47.3
60 km/h	Regional	Arterial	45.8	45.8	46.5	46.9
80 km/h	All	All	65.1	65.2	64.4	64.5
80 km/h	All	Local	62.3	62.1	61.9	61.0
80 km/h	All	Arterial	66.0	66.3	65.3	65.9
80 km/h	Urban	All	64.8	64.8	64.0	64.0
80 km/h	Urban	Local	62.6	62.3	62.2	61.1
80 km/h	Urban	Arterial	65.5	65.6	64.6	65.3
80 km/h	Regional	All	69.3	69.6	68.4	68.6
80 km/h	Regional	Local	56.6	58.4	58.4	59.9
80 km/h	Regional	Arterial	71.5	71.4	70.6	70.7
100 km/h	All	All	87.8	86.7	85.6	87.0
100 km/h	All	Local	64.8	66.6	65.9	66.5
100 km/h	All	Arterial	88.9	88.0	87.0	88.5
100 km/h	Urban	All	88.2	87.1	85.7	87.4
100 km/h	Urban	Local	76.1	71.7	71.4	69.5
100 km/h	Urban	Arterial	88.5	87.6	86.2	88.1

100 km/h	Regional	All	86.8	86.0	85.4	86.2
100 km/h	Regional	Local	56.3	64.3	63.3	64.7
100 km/h	Regional	Arterial	90.0	89.0	88.4	89.0
110 km/h	All	All	98.7	98.5	98.2	99.3
110 km/h	All	Local				58.0
110 km/h	All	Arterial	98.7	98.5	98.2	99.3
110 km/h	Urban	All	98.7	98.5	98.2	99.3
110 km/h	Urban	Local				58.0
110 km/h	Urban	Arterial	98.7	98.5	98.2	99.3

Table A4.6: Truck percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	61.9%	62.5%	62.5%	61.7%
All	All	Local	53.6%	54.8%	55.4%	54.5%
All	All	Arterial	72.9%	73.3%	73.2%	73.7%
All	Urban	All	61.0%	61.4%	61.3%	60.5%
All	Urban	Local	53.6%	54.6%	55.2%	54.2%
All	Urban	Arterial	71.7%	71.7%	71.5%	72.0%
All	Regional	All	80.7%	82.1%	81.6%	82.2%
All	Regional	Local	56.4%	64.5%	64.5%	65.8%
All	Regional	Arterial	87.4%	86.7%	86.5%	87.0%

Table A4.7: Truck compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	79.7%	79.9%	80.7%	80.3%
All	All	Local	Compliance	85.9%	86.1%	86.1%	86.1%
All	All	Arterial	Compliance	75.3%	75.4%	76.3%	75.2%
All	Urban	All	Compliance	80.2%	80.5%	81.4%	81.0%
All	Urban	Local	Compliance	86.2%	86.3%	86.4%	86.4%
All	Urban	Arterial	Compliance	75.4%	75.6%	76.7%	75.5%
All	Regional	All	Compliance	74.4%	74.6%	74.4%	74.0%
All	Regional	Local	Compliance	74.9%	78.9%	77.6%	76.4%
All	Regional	Arterial	Compliance	74.3%	74.0%	73.8%	73.6%
50 km/h	All	All	Compliance	90.3%	90.7%	90.7%	90.7%
50 km/h	All	Local	Compliance	90.3%	90.7%	90.7%	90.7%
50 km/h	Urban	All	Compliance	90.8%	91.2%	91.3%	91.4%
50 km/h	Urban	Local	Compliance	90.8%	91.2%	91.3%	91.4%
50 km/h	Regional	All	Compliance	64.4%	62.6%	61.9%	62.3%
50 km/h	Regional	Local	Compliance	64.4%	62.6%	61.9%	62.3%

60 km/h	All	All	Compliance	85.7%	85.2%	85.1%	84.8%
60 km/h	All	Local	Compliance	85.9%	86.0%	85.7%	85.5%
60 km/h	All	Arterial	Compliance	85.5%	84.3%	84.2%	83.8%
60 km/h	Urban	All	Compliance	86.0%	85.5%	85.4%	85.1%
60 km/h	Urban	Local	Compliance	86.2%	86.3%	86.0%	85.8%
60 km/h	Urban	Arterial	Compliance	85.8%	84.6%	84.6%	84.2%
60 km/h	Regional	All	Compliance	68.2%	70.6%	69.7%	68.2%
60 km/h	Regional	Local	Compliance	51.4%	53.5%	52.9%	53.9%
60 km/h	Regional	Arterial	Compliance	74.0%	75.8%	75.0%	73.0%
80 km/h	All	All	Compliance	64.3%	65.2%	66.6%	66.2%
80 km/h	All	Local	Compliance	72.2%	74.9%	74.4%	74.3%
80 km/h	All	Arterial	Compliance	61.9%	62.2%	63.9%	63.1%
80 km/h	Urban	All	Compliance	65.1%	66.1%	67.5%	67.2%
80 km/h	Urban	Local	Compliance	72.4%	74.9%	74.5%	74.5%
80 km/h	Urban	Arterial	Compliance	62.9%	63.2%	64.9%	64.3%
80 km/h	Regional	All	Compliance	54.7%	57.4%	59.5%	58.0%
80 km/h	Regional	Local	Compliance	69.2%	73.9%	72.3%	71.5%
80 km/h	Regional	Arterial	Compliance	52.7%	55.2%	57.2%	55.3%
100 km/h	All	All	Compliance	69.5%	70.9%	72.6%	70.7%
100 km/h	All	Local	Compliance	93.4%	94.5%	94.6%	94.6%
100 km/h	All	Arterial	Compliance	68.7%	69.8%	71.4%	69.4%
100 km/h	Urban	All	Compliance	66.3%	67.2%	69.5%	66.4%
100 km/h	Urban	Local	Compliance	91.3%	95.1%	94.5%	93.9%
100 km/h	Urban	Arterial	Compliance	65.8%	66.5%	68.8%	65.5%
100 km/h	Regional	All	Compliance	78.4%	77.9%	77.7%	77.9%
100 km/h	Regional	Local	Compliance	95.6%	94.3%	94.7%	95.1%
100 km/h	Regional	Arterial	Compliance	77.3%	76.3%	76.1%	76.2%
110 km/h	All	All	Compliance	68.7%	71.3%	71.3%	67.0%
110 km/h	All	Local	Compliance				100.0%
110 km/h	All	Arterial	Compliance	68.7%	71.3%	71.3%	67.0%
110 km/h	Urban	All	Compliance	68.7%	71.3%	71.3%	67.0%
110 km/h	Urban	Local	Compliance				100.0%
110 km/h	Urban	Arterial	Compliance	68.7%	71.3%	71.3%	67.0%
All	All	All	<10% above speed limit	14.3%	14.3%	13.8%	14.0%
All	All	Local	<10% above speed limit	7.4%	7.5%	7.6%	7.6%
All	All	Arterial	<10% above speed limit	19.3%	19.3%	18.9%	19.8%
All	Urban	All	<10% above speed limit	13.9%	13.6%	13.0%	13.3%
All	Urban	Local	<10% above speed limit	7.4%	7.5%	7.5%	7.6%
All	Urban	Arterial	<10% above speed limit	19.0%	18.8%	18.3%	19.3%
All	Regional	All	<10% above speed limit	19.4%	20.1%	20.0%	20.2%
All	Regional	Local	<10% above speed limit	7.5%	7.7%	8.1%	8.2%
All	Regional	Arterial	<10% above speed limit	21.0%	22.0%	21.9%	22.2%
50 km/h	All	All	<10% above speed limit	4.4%	4.4%	4.3%	4.2%
50 km/h	All	Local	<10% above speed limit	4.4%	4.4%	4.3%	4.2%
50 km/h	Urban	All	<10% above speed limit	4.3%	4.3%	4.2%	4.1%

50 km/h	Urban	Local	<10% above speed limit	4.3%	4.3%	4.2%	4.1%
50 km/h	Regional	All	<10% above speed limit	8.4%	8.8%	8.9%	8.5%
50 km/h	Regional	Local	<10% above speed limit	8.4%	8.8%	8.9%	8.5%
60 km/h	All	All	<10% above speed limit	8.4%	8.8%	8.9%	9.0%
60 km/h	All	Local	<10% above speed limit	8.0%	8.0%	8.2%	8.3%
60 km/h	All	Arterial	<10% above speed limit	8.8%	9.6%	9.7%	9.9%
60 km/h	Urban	All	<10% above speed limit	8.3%	8.7%	8.8%	8.9%
60 km/h	Urban	Local	<10% above speed limit	8.0%	8.0%	8.2%	8.3%
60 km/h	Urban	Arterial	<10% above speed limit	8.7%	9.5%	9.5%	9.7%
60 km/h	Regional	All	<10% above speed limit	12.8%	12.2%	12.6%	13.9%
60 km/h	Regional	Local	<10% above speed limit	8.3%	8.2%	8.9%	9.8%
60 km/h	Regional	Arterial	<10% above speed limit	14.4%	13.4%	13.8%	15.2%
80 km/h	All	All	<10% above speed limit	21.4%	21.9%	22.6%	23.1%
80 km/h	All	Local	<10% above speed limit	17.5%	17.6%	17.8%	18.0%
80 km/h	All	Arterial	<10% above speed limit	22.6%	23.3%	24.2%	25.0%
80 km/h	Urban	All	<10% above speed limit	20.9%	21.4%	22.3%	22.6%
80 km/h	Urban	Local	<10% above speed limit	17.6%	17.7%	18.0%	18.2%
80 km/h	Urban	Arterial	<10% above speed limit	21.9%	22.6%	23.9%	24.4%
80 km/h	Regional	All	<10% above speed limit	27.5%	26.6%	24.5%	26.5%
80 km/h	Regional	Local	<10% above speed limit	15.3%	14.9%	15.6%	15.7%
80 km/h	Regional	Arterial	<10% above speed limit	29.2%	28.2%	26.1%	28.7%
100 km/h	All	All	<10% above speed limit	28.9%	27.7%	26.1%	27.9%
100 km/h	All	Local	<10% above speed limit	5.7%	5.1%	5.0%	4.9%
100 km/h	All	Arterial	<10% above speed limit	29.7%	28.8%	27.2%	29.2%
100 km/h	Urban	All	<10% above speed limit	32.2%	31.4%	29.2%	32.2%
100 km/h	Urban	Local	<10% above speed limit	7.7%	4.5%	5.1%	5.6%
100 km/h	Urban	Arterial	<10% above speed limit	32.8%	32.0%	29.9%	33.1%
100 km/h	Regional	All	<10% above speed limit	19.8%	20.8%	20.9%	20.8%
100 km/h	Regional	Local	<10% above speed limit	3.6%	5.4%	4.9%	4.4%
100 km/h	Regional	Arterial	<10% above speed limit	20.8%	22.3%	22.4%	22.4%
110 km/h	All	All	<10% above speed limit	27.4%	25.2%	25.7%	29.8%
110 km/h	All	Local	<10% above speed limit				0.0%
110 km/h	All	Arterial	<10% above speed limit	27.4%	25.2%	25.7%	29.8%
110 km/h	Urban	All	<10% above speed limit	27.4%	25.2%	25.7%	29.8%
110 km/h	Urban	Local	<10% above speed limit				0.0%
110 km/h	Urban	Arterial	<10% above speed limit	27.4%	25.2%	25.7%	29.8%
All	All	All	10-20% above speed limit	3.6%	3.6%	3.5%	3.5%
All	All	Local	10-20% above speed limit	3.4%	3.4%	3.4%	3.4%
All	All	Arterial	10-20% above speed limit	3.8%	3.7%	3.6%	3.7%
All	Urban	All	10-20% above speed limit	3.6%	3.6%	3.5%	3.6%
All	Urban	Local	10-20% above speed limit	3.4%	3.4%	3.3%	3.4%
All	Urban	Arterial	10-20% above speed limit	3.8%	3.8%	3.7%	3.8%
All	Regional	All	10-20% above speed limit	3.6%	3.1%	3.3%	3.4%
All	Regional	Local	10-20% above speed limit	4.5%	3.5%	4.0%	4.5%
All	Regional	Arterial	10-20% above speed limit	3.5%	3.0%	3.2%	3.2%

50 km/h	All	All	10-20% above speed limit	1.9%	1.9%	1.8%	1.9%
50 km/h	All	Local	10-20% above speed limit	1.9%	1.9%	1.8%	1.9%
50 km/h	Urban	All	10-20% above speed limit	1.8%	1.8%	1.7%	1.8%
50 km/h	Urban	Local	10-20% above speed limit	1.8%	1.8%	1.7%	1.8%
50 km/h	Regional	All	10-20% above speed limit	5.4%	6.0%	6.2%	6.0%
50 km/h	Regional	Local	10-20% above speed limit	5.4%	6.0%	6.2%	6.0%
60 km/h	All	All	10-20% above speed limit	3.7%	3.8%	3.9%	4.0%
60 km/h	All	Local	10-20% above speed limit	3.8%	3.7%	3.8%	3.9%
60 km/h	All	Arterial	10-20% above speed limit	3.7%	4.0%	4.0%	4.1%
60 km/h	Urban	All	10-20% above speed limit	3.7%	3.7%	3.8%	3.9%
60 km/h	Urban	Local	10-20% above speed limit	3.7%	3.6%	3.8%	3.9%
60 km/h	Urban	Arterial	10-20% above speed limit	3.6%	3.9%	3.9%	3.9%
60 km/h	Regional	All	10-20% above speed limit	7.0%	6.4%	6.7%	7.4%
60 km/h	Regional	Local	10-20% above speed limit	6.5%	6.2%	6.7%	7.7%
60 km/h	Regional	Arterial	10-20% above speed limit	7.2%	6.5%	6.7%	7.3%
80 km/h	All	All	10-20% above speed limit	9.8%	9.1%	8.6%	8.4%
80 km/h	All	Local	10-20% above speed limit	7.7%	6.1%	6.3%	6.2%
80 km/h	All	Arterial	10-20% above speed limit	10.4%	10.0%	9.4%	9.3%
80 km/h	Urban	All	10-20% above speed limit	9.4%	8.7%	8.1%	7.9%
80 km/h	Urban	Local	10-20% above speed limit	7.6%	6.0%	6.1%	6.0%
80 km/h	Urban	Arterial	10-20% above speed limit	10.0%	9.5%	8.9%	8.7%
80 km/h	Regional	All	10-20% above speed limit	14.2%	13.0%	12.7%	12.4%
80 km/h	Regional	Local	10-20% above speed limit	10.4%	8.3%	8.7%	9.1%
80 km/h	Regional	Arterial	10-20% above speed limit	14.7%	13.6%	13.5%	13.1%
100 km/h	All	All	10-20% above speed limit	1.3%	1.1%	1.0%	1.0%
100 km/h	All	Local	10-20% above speed limit	0.7%	0.3%	0.3%	0.4%
100 km/h	All	Arterial	10-20% above speed limit	1.3%	1.1%	1.1%	1.1%
100 km/h	Urban	All	10-20% above speed limit	1.2%	1.1%	1.0%	1.1%
100 km/h	Urban	Local	10-20% above speed limit	0.8%	0.3%	0.3%	0.4%
100 km/h	Urban	Arterial	10-20% above speed limit	1.2%	1.1%	1.0%	1.1%
100 km/h	Regional	All	10-20% above speed limit	1.4%	1.0%	1.1%	1.0%
100 km/h	Regional	Local	10-20% above speed limit	0.5%	0.3%	0.3%	0.4%
100 km/h	Regional	Arterial	10-20% above speed limit	1.4%	1.0%	1.2%	1.1%
110 km/h	All	All	10-20% above speed limit	3.9%	3.5%	3.1%	3.2%
110 km/h	All	Local	10-20% above speed limit				0.0%
110 km/h	All	Arterial	10-20% above speed limit	3.9%	3.5%	3.1%	3.2%
110 km/h	Urban	All	10-20% above speed limit	3.9%	3.5%	3.1%	3.2%
110 km/h	Urban	Local	10-20% above speed limit				0.0%
110 km/h	Urban	Arterial	10-20% above speed limit	3.9%	3.5%	3.1%	3.2%
All	All	All	>20% above speed limit	2.3%	2.2%	2.0%	2.1%
All	All	Local	>20% above speed limit	3.2%	3.0%	3.0%	3.0%
All	All	Arterial	>20% above speed limit	1.6%	1.6%	1.3%	1.4%
All	Urban	All	>20% above speed limit	2.3%	2.2%	2.0%	2.1%
All	Urban	Local	>20% above speed limit	3.0%	2.8%	2.7%	2.7%
All	Urban	Arterial	>20% above speed limit	1.7%	1.7%	1.3%	1.5%

All	Regional	All	>20% above speed limit	2.5%	2.2%	2.4%	2.5%
All	Regional	Local	>20% above speed limit	13.0%	9.9%	10.3%	11.0%
All	Regional	Arterial	>20% above speed limit	1.1%	1.0%	1.0%	1.0%
50 km/h	All	All	>20% above speed limit	3.4%	3.0%	3.2%	3.2%
50 km/h	All	Local	>20% above speed limit	3.4%	3.0%	3.2%	3.2%
50 km/h	Urban	All	>20% above speed limit	3.1%	2.7%	2.8%	2.7%
50 km/h	Urban	Local	>20% above speed limit	3.1%	2.7%	2.8%	2.7%
50 km/h	Regional	All	>20% above speed limit	21.8%	22.7%	23.1%	23.3%
50 km/h	Regional	Local	>20% above speed limit	21.8%	22.7%	23.1%	23.3%
60 km/h	All	All	>20% above speed limit	2.2%	2.2%	2.2%	2.3%
60 km/h	All	Local	>20% above speed limit	2.3%	2.3%	2.3%	2.3%
60 km/h	All	Arterial	>20% above speed limit	2.0%	2.2%	2.1%	2.3%
60 km/h	Urban	All	>20% above speed limit	2.0%	2.1%	2.0%	2.1%
60 km/h	Urban	Local	>20% above speed limit	2.1%	2.0%	2.0%	2.0%
60 km/h	Urban	Arterial	>20% above speed limit	1.9%	2.1%	2.0%	2.2%
60 km/h	Regional	All	>20% above speed limit	12.0%	10.8%	11.0%	10.5%
60 km/h	Regional	Local	>20% above speed limit	33.8%	32.1%	31.4%	28.5%
60 km/h	Regional	Arterial	>20% above speed limit	4.4%	4.3%	4.5%	4.5%
80 km/h	All	All	>20% above speed limit	4.5%	3.8%	2.2%	2.3%
80 km/h	All	Local	>20% above speed limit	2.6%	1.5%	1.6%	1.5%
80 km/h	All	Arterial	>20% above speed limit	5.1%	4.5%	2.4%	2.6%
80 km/h	Urban	All	>20% above speed limit	4.6%	3.8%	2.1%	2.2%
80 km/h	Urban	Local	>20% above speed limit	2.5%	1.4%	1.4%	1.4%
80 km/h	Urban	Arterial	>20% above speed limit	5.2%	4.7%	2.3%	2.6%
80 km/h	Regional	All	>20% above speed limit	3.6%	3.0%	3.3%	3.0%
80 km/h	Regional	Local	>20% above speed limit	5.1%	2.9%	3.4%	3.7%
80 km/h	Regional	Arterial	>20% above speed limit	3.4%	3.0%	3.3%	2.9%
100 km/h	All	All	>20% above speed limit	0.3%	0.3%	0.3%	0.3%
100 km/h	All	Local	>20% above speed limit	0.2%	0.1%	0.1%	0.1%
100 km/h	All	Arterial	>20% above speed limit	0.3%	0.3%	0.3%	0.3%
100 km/h	Urban	All	>20% above speed limit	0.2%	0.3%	0.3%	0.3%
100 km/h	Urban	Local	>20% above speed limit	0.3%	0.2%	0.2%	0.1%
100 km/h	Urban	Arterial	>20% above speed limit	0.2%	0.3%	0.3%	0.3%
100 km/h	Regional	All	>20% above speed limit	0.4%	0.3%	0.3%	0.3%
100 km/h	Regional	Local	>20% above speed limit	0.2%	0.1%	0.1%	0.1%
100 km/h	Regional	Arterial	>20% above speed limit	0.4%	0.3%	0.3%	0.3%
110 km/h	All	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	All	Local	>20% above speed limit				0.0%
110 km/h	All	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit				0.0%
110 km/h	Urban	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%

Table A4.8: Truck average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	58.3	57.8	58.1	58.2
50 km/h	All	Local	All speeding	58.3	57.8	58.1	58.2
50 km/h	Urban	All	All speeding	58.0	57.4	57.7	57.7
50 km/h	Urban	Local	All speeding	58.0	57.4	57.7	57.7
50 km/h	Regional	All	All speeding	63.1	62.8	62.5	63.1
50 km/h	Regional	Local	All speeding	63.1	62.8	62.5	63.1
60 km/h	All	All	All speeding	66.0	66.0	66.0	66.1
60 km/h	All	Local	All speeding	66.3	66.2	66.2	66.2
60 km/h	All	Arterial	All speeding	65.8	65.8	65.8	66.0
60 km/h	Urban	All	All speeding	65.9	65.9	65.8	65.9
60 km/h	Urban	Local	All speeding	66.0	65.9	65.9	65.9
60 km/h	Urban	Arterial	All speeding	65.8	65.8	65.7	65.9
60 km/h	Regional	All	All speeding	70.3	70.1	70.2	69.6
60 km/h	Regional	Local	All speeding	77.8	77.7	77.9	76.6
60 km/h	Regional	Arterial	All speeding	66.2	66.3	66.3	66.2
80 km/h	All	All	All speeding	87.5	87.2	86.6	86.6
80 km/h	All	Local	All speeding	86.8	86.0	86.1	86.0
80 km/h	All	Arterial	All speeding	87.6	87.4	86.7	86.7
80 km/h	Urban	All	All speeding	87.5	87.2	86.5	86.5
80 km/h	Urban	Local	All speeding	86.7	85.9	85.9	85.9
80 km/h	Urban	Arterial	All speeding	87.7	87.5	86.6	86.7
80 km/h	Regional	All	All speeding	87.0	86.7	87.0	86.7
80 km/h	Regional	Local	All speeding	88.7	87.5	87.7	87.9
80 km/h	Regional	Arterial	All speeding	86.8	86.6	86.9	86.6
100 km/h	All	All	All speeding	104.3	104.3	104.4	104.5
100 km/h	All	Local	All speeding	105.4	103.6	103.9	104.5
100 km/h	All	Arterial	All speeding	104.3	104.3	104.4	104.5
100 km/h	Urban	All	All speeding	104.4	104.5	104.5	104.8
100 km/h	Urban	Local	All speeding	105.2	104.5	104.4	104.5
100 km/h	Urban	Arterial	All speeding	104.4	104.5	104.5	104.8
100 km/h	Regional	All	All speeding	104.3	103.8	104.0	104.0
100 km/h	Regional	Local	All speeding	105.7	103.3	103.7	104.5
100 km/h	Regional	Arterial	All speeding	104.3	103.8	104.1	104.0
110 km/h	All	All	All speeding	116.5	116.9	117.0	117.3
110 km/h	All	Arterial	All speeding	116.5	116.9	117.0	117.3
110 km/h	Urban	All	All speeding	116.5	116.9	117.0	117.3
110 km/h	Urban	Arterial	All speeding	116.5	116.9	117.0	117.3
50 km/h	All	All	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	All	Local	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	Urban	All	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	Urban	Local	<10% above speed limit	52.7	52.7	52.7	52.7

50 km/h	Regional	All	<10% above speed limit	52.9	52.9	53.0	52.9
50 km/h	Regional	Local	<10% above speed limit	52.9	52.9	53.0	52.9
60 km/h	All	All	<10% above speed limit	63.0	63.0	63.1	63.1
60 km/h	All	Local	<10% above speed limit	63.0	63.0	63.0	63.1
60 km/h	All	Arterial	<10% above speed limit	63.0	63.1	63.1	63.1
60 km/h	Urban	All	<10% above speed limit	63.0	63.0	63.1	63.1
60 km/h	Urban	Local	<10% above speed limit	63.0	63.0	63.0	63.1
60 km/h	Urban	Arterial	<10% above speed limit	63.0	63.1	63.1	63.1
60 km/h	Regional	All	<10% above speed limit	63.1	63.0	63.1	63.1
60 km/h	Regional	Local	<10% above speed limit	63.2	63.2	63.2	63.2
60 km/h	Regional	Arterial	<10% above speed limit	63.0	63.0	63.0	63.0
80 km/h	All	All	<10% above speed limit	84.0	84.1	84.2	84.2
80 km/h	All	Local	<10% above speed limit	83.9	83.8	83.8	83.9
80 km/h	All	Arterial	<10% above speed limit	84.1	84.1	84.3	84.3
80 km/h	Urban	All	<10% above speed limit	84.0	84.1	84.2	84.2
80 km/h	Urban	Local	<10% above speed limit	83.9	83.8	83.8	83.8
80 km/h	Urban	Arterial	<10% above speed limit	84.1	84.2	84.3	84.3
80 km/h	Regional	All	<10% above speed limit	84.1	84.0	84.1	84.1
80 km/h	Regional	Local	<10% above speed limit	84.1	84.1	84.1	84.1
80 km/h	Regional	Arterial	<10% above speed limit	84.1	84.0	84.1	84.1
100 km/h	All	All	<10% above speed limit	103.8	103.8	103.8	104.0
100 km/h	All	Local	<10% above speed limit	103.8	102.7	103.0	103.4
100 km/h	All	Arterial	<10% above speed limit	103.8	103.8	103.8	104.0
100 km/h	Urban	All	<10% above speed limit	103.9	104.0	104.1	104.3
100 km/h	Urban	Local	<10% above speed limit	103.8	103.3	103.3	103.5
100 km/h	Urban	Arterial	<10% above speed limit	103.9	104.0	104.1	104.3
100 km/h	Regional	All	<10% above speed limit	103.3	103.1	103.3	103.3
100 km/h	Regional	Local	<10% above speed limit	103.6	102.5	102.8	103.3
100 km/h	Regional	Arterial	<10% above speed limit	103.3	103.1	103.3	103.3
110 km/h	All	All	<10% above speed limit	115.3	115.8	116.1	116.5
110 km/h	All	Arterial	<10% above speed limit	115.3	115.8	116.1	116.5
110 km/h	Urban	All	<10% above speed limit	115.3	115.8	116.1	116.5
110 km/h	Urban	Arterial	<10% above speed limit	115.3	115.8	116.1	116.5
50 km/h	All	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	All	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	All	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Urban	Local	10-20% above speed limit	57.7	57.7	57.7	57.7
50 km/h	Regional	All	10-20% above speed limit	57.9	57.9	57.9	57.9
50 km/h	Regional	Local	10-20% above speed limit	57.9	57.9	57.9	57.9
60 km/h	All	All	10-20% above speed limit	69.0	69.0	69.0	69.0
60 km/h	All	Local	10-20% above speed limit	69.0	69.0	69.0	69.0
60 km/h	All	Arterial	10-20% above speed limit	69.0	69.0	69.0	69.1
60 km/h	Urban	All	10-20% above speed limit	69.0	69.0	69.0	69.0
60 km/h	Urban	Local	10-20% above speed limit	69.0	69.0	69.0	69.0
60 km/h	Urban	Arterial	10-20% above speed limit	69.0	69.0	69.1	69.1

60 km/h	Regional	All	10-20% above speed limit	69.1	69.1	69.1	69.0
60 km/h	Regional	Local	10-20% above speed limit	69.3	69.4	69.3	69.2
60 km/h	Regional	Arterial	10-20% above speed limit	69.0	69.0	69.0	69.0
80 km/h	All	All	10-20% above speed limit	92.0	92.1	92.0	91.9
80 km/h	All	Local	10-20% above speed limit	91.7	91.5	91.6	91.6
80 km/h	All	Arterial	10-20% above speed limit	92.1	92.2	92.0	92.0
80 km/h	Urban	All	10-20% above speed limit	92.1	92.1	92.0	92.0
80 km/h	Urban	Local	10-20% above speed limit	91.7	91.5	91.5	91.5
80 km/h	Urban	Arterial	10-20% above speed limit	92.1	92.3	92.1	92.1
80 km/h	Regional	All	10-20% above speed limit	91.6	91.6	91.8	91.7
80 km/h	Regional	Local	10-20% above speed limit	91.9	91.7	91.7	91.8
80 km/h	Regional	Arterial	10-20% above speed limit	91.6	91.6	91.8	91.7
100 km/h	All	All	10-20% above speed limit	113.9	114.1	114.3	114.3
100 km/h	All	Local	10-20% above speed limit	113.9	114.2	114.0	113.9
100 km/h	All	Arterial	10-20% above speed limit	113.9	114.1	114.3	114.3
100 km/h	Urban	All	10-20% above speed limit	113.9	114.2	114.5	114.6
100 km/h	Urban	Local	10-20% above speed limit	113.8	114.0	114.4	114.0
100 km/h	Urban	Arterial	10-20% above speed limit	113.9	114.2	114.5	114.6
100 km/h	Regional	All	10-20% above speed limit	113.9	113.9	114.1	113.9
100 km/h	Regional	Local	10-20% above speed limit	114.1	114.3	113.7	113.8
100 km/h	Regional	Arterial	10-20% above speed limit	113.9	113.9	114.1	113.9
110 km/h	All	All	10-20% above speed limit	125.7	125.9	125.8	125.8
110 km/h	All	Arterial	10-20% above speed limit	125.7	125.9	125.8	125.8
110 km/h	Urban	All	10-20% above speed limit	125.7	125.9	125.8	125.8
110 km/h	Urban	Arterial	10-20% above speed limit	125.7	125.9	125.8	125.8
50 km/h	All	All	>20% above speed limit	69.2	68.4	69.0	69.0
50 km/h	All	Local	>20% above speed limit	69.2	68.4	69.0	69.0
50 km/h	Urban	All	>20% above speed limit	69.0	68.1	68.9	68.7
50 km/h	Urban	Local	>20% above speed limit	69.0	68.1	68.9	68.7
50 km/h	Regional	All	>20% above speed limit	70.8	70.4	69.6	70.4
50 km/h	Regional	Local	>20% above speed limit	70.8	70.4	69.6	70.4
60 km/h	All	All	>20% above speed limit	79.5	79.6	79.5	79.6
60 km/h	All	Local	>20% above speed limit	79.7	79.7	79.7	79.7
60 km/h	All	Arterial	>20% above speed limit	79.4	79.4	79.1	79.6
60 km/h	Urban	All	>20% above speed limit	79.1	79.2	78.9	79.2
60 km/h	Urban	Local	>20% above speed limit	78.9	78.9	78.7	78.7
60 km/h	Urban	Arterial	>20% above speed limit	79.5	79.5	79.2	79.7
60 km/h	Regional	All	>20% above speed limit	83.5	83.5	84.3	84.0
60 km/h	Regional	Local	>20% above speed limit	85.5	85.6	86.9	86.6
60 km/h	Regional	Arterial	>20% above speed limit	78.1	78.5	78.5	78.3
80 km/h	All	All	>20% above speed limit	101.5	101.7	101.6	102.2
80 km/h	All	Local	>20% above speed limit	101.1	101.7	101.8	102.0
80 km/h	All	Arterial	>20% above speed limit	101.6	101.7	101.5	102.2
80 km/h	Urban	All	>20% above speed limit	101.5	101.8	101.7	102.3
80 km/h	Urban	Local	>20% above speed limit	101.0	101.8	101.7	102.0

80 km/h	Urban	Arterial	>20% above speed limit	101.6	101.8	101.6	102.4
80 km/h	Regional	All	>20% above speed limit	101.3	100.9	101.2	101.2
80 km/h	Regional	Local	>20% above speed limit	102.1	101.4	102.4	101.8
80 km/h	Regional	Arterial	>20% above speed limit	101.1	100.8	100.9	101.1
100 km/h	All	All	>20% above speed limit	125.6	126.2	126.4	126.3
100 km/h	All	Local	>20% above speed limit	126.7	126.7	126.9	126.7
100 km/h	All	Arterial	>20% above speed limit	125.5	126.2	126.4	126.3
100 km/h	Urban	All	>20% above speed limit	125.6	126.3	126.7	126.5
100 km/h	Urban	Local	>20% above speed limit	127.2	126.5	127.6	126.7
100 km/h	Urban	Arterial	>20% above speed limit	125.6	126.3	126.7	126.5
100 km/h	Regional	All	>20% above speed limit	125.5	126.1	125.9	126.0
100 km/h	Regional	Local	>20% above speed limit	126.1	126.9	126.4	126.6
100 km/h	Regional	Arterial	>20% above speed limit	125.4	126.1	125.9	126.0
110 km/h	All	All	>20% above speed limit	137.9	136.5	137.9	138.5
110 km/h	All	Arterial	>20% above speed limit	137.9	136.5	137.9	138.5
110 km/h	Urban	All	>20% above speed limit	137.9	136.5	137.9	138.5
110 km/h	Urban	Arterial	>20% above speed limit	137.9	136.5	137.9	138.5

A5. Count-weighted summary speed tables

This section sets out summary tables for road performance in Queensland, using the count-weighted methodology.

A5.1 Queensland summary speed tables

Table A5.1: Count-weighted average speed, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	56.9	56.2	54.6	55.8
All	All	Local	36.6	36.5	35.3	36.3
All	All	Arterial	67.7	67.0	66.6	66.7
All	Urban	All	52.4	51.7	49.9	51.2
All	Urban	Local	35.5	35.4	34.0	35.1
All	Urban	Arterial	63.0	62.3	61.5	61.8
All	Regional	All	78.8	77.3	76.2	77.7
All	Regional	Local	49.5	48.9	47.6	49.0
All	Regional	Arterial	84.2	83.0	83.2	83.6
50 km/h	All	All	26.0	26.1	25.4	26.2
50 km/h	All	Local	26.0	26.1	25.4	26.2
50 km/h	Urban	All	25.6	25.8	25.0	25.9
50 km/h	Urban	Local	25.6	25.8	25.0	25.9
50 km/h	Regional	All	30.5	30.1	29.2	30.2
50 km/h	Regional	Local	30.5	30.1	29.2	30.2
60 km/h	All	All	41.4	41.0	40.8	40.7
60 km/h	All	Local	40.4	40.4	40.3	40.2
60 km/h	All	Arterial	42.1	41.5	41.1	41.0
60 km/h	Urban	All	40.9	40.6	40.3	40.2
60 km/h	Urban	Local	40.1	40.2	40.0	40.0
60 km/h	Urban	Arterial	41.5	40.9	40.5	40.4
60 km/h	Regional	All	48.0	47.3	46.9	47.6
60 km/h	Regional	Local	45.9	45.8	45.4	46.1
60 km/h	Regional	Arterial	48.8	47.9	47.6	48.2
80 km/h	All	All	67.8	67.2	66.5	66.7
80 km/h	All	Local	63.8	63.4	62.7	63.5
80 km/h	All	Arterial	68.5	67.9	67.2	67.3
80 km/h	Urban	All	67.0	66.3	65.5	65.6
80 km/h	Urban	Local	63.4	63.0	62.3	62.9
80 km/h	Urban	Arterial	67.6	67.0	66.1	66.1
80 km/h	Regional	All	70.7	70.3	69.8	70.6
80 km/h	Regional	Local	65.5	65.0	63.9	65.8
80 km/h	Regional	Arterial	71.5	71.2	70.8	71.4
100 km/h	All	All	90.3	88.9	88.0	88.9

100 km/h	All	Local	77.6	76.9	73.9	76.6
100 km/h	All	Arterial	90.7	89.4	88.8	89.4
100 km/h	Urban	All	89.5	88.2	86.6	87.5
100 km/h	Urban	Local	73.8	73.3	70.6	73.3
100 km/h	Urban	Arterial	89.8	88.4	86.9	87.7
100 km/h	Regional	All	91.2	89.9	89.7	90.7
100 km/h	Regional	Local	78.9	78.0	74.7	77.6
100 km/h	Regional	Arterial	92.0	90.8	91.1	91.7
110 km/h	All	All	97.8	97.1	97.1	98.3
110 km/h	All	Local	60.0	62.1	61.4	62.5
110 km/h	All	Arterial	97.8	97.1	97.2	98.3
110 km/h	Urban	All	97.6	97.8	97.6	98.9
110 km/h	Urban	Local	59.3	61.7	61.0	62.1
110 km/h	Urban	Arterial	97.7	97.8	97.6	98.9
110 km/h	Regional	All	98.2	94.8	95.7	96.3
110 km/h	Regional	Local	67.3	65.9	64.7	66.9
110 km/h	Regional	Arterial	98.2	94.8	95.7	96.3

Table A5.2: Count-weighted percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	74.9%	74.1%	72.7%	73.7%
All	All	Local	63.1%	63.1%	61.7%	63.0%
All	All	Arterial	81.1%	80.1%	79.5%	79.7%
All	Urban	All	72.3%	71.6%	70.0%	71.0%
All	Urban	Local	62.3%	62.4%	60.9%	62.2%
All	Urban	Arterial	78.5%	77.6%	76.6%	76.8%
All	Regional	All	87.4%	86.0%	85.2%	86.5%
All	Regional	Local	72.3%	71.5%	69.5%	71.7%
All	Regional	Arterial	90.1%	88.9%	89.0%	89.6%

Table A5.3: Count-weighted compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	66.0%	72.2%	77.5%	76.4%
All	All	Local	Compliance	82.6%	84.5%	86.1%	85.9%
All	All	Arterial	Compliance	61.9%	69.0%	75.1%	73.8%
All	Urban	All	Compliance	66.8%	73.1%	79.0%	78.0%
All	Urban	Local	Compliance	82.9%	84.9%	86.6%	86.4%
All	Urban	Arterial	Compliance	62.5%	69.8%	76.6%	75.5%
All	Regional	All	Compliance	59.0%	65.3%	66.7%	65.1%

All	Regional	Local	Compliance	74.7%	76.2%	76.4%	76.7%
All	Regional	Arterial	Compliance	57.8%	64.3%	65.8%	64.1%
50 km/h	All	All	Compliance	89.8%	91.7%	92.4%	92.2%
50 km/h	All	Local	Compliance	89.8%	91.7%	92.4%	92.2%
50 km/h	Urban	All	Compliance	90.2%	92.1%	92.7%	92.5%
50 km/h	Urban	Local	Compliance	90.2%	92.1%	92.7%	92.5%
50 km/h	Regional	All	Compliance	83.3%	84.8%	86.8%	87.4%
50 km/h	Regional	Local	Compliance	83.3%	84.8%	86.8%	87.4%
60 km/h	All	All	Compliance	78.9%	81.8%	84.2%	84.4%
60 km/h	All	Local	Compliance	82.5%	84.4%	85.7%	85.9%
60 km/h	All	Arterial	Compliance	77.1%	80.5%	83.3%	83.5%
60 km/h	Urban	All	Compliance	79.3%	82.3%	84.7%	85.0%
60 km/h	Urban	Local	Compliance	82.9%	84.9%	86.3%	86.4%
60 km/h	Urban	Arterial	Compliance	77.4%	80.9%	83.8%	84.2%
60 km/h	Regional	All	Compliance	67.1%	70.3%	71.2%	69.8%
60 km/h	Regional	Local	Compliance	66.4%	67.2%	65.3%	67.2%
60 km/h	Regional	Arterial	Compliance	67.3%	71.3%	73.1%	70.7%
80 km/h	All	All	Compliance	55.3%	58.5%	61.7%	61.5%
80 km/h	All	Local	Compliance	72.1%	75.2%	76.7%	75.2%
80 km/h	All	Arterial	Compliance	53.7%	56.8%	60.0%	60.0%
80 km/h	Urban	All	Compliance	55.6%	59.0%	62.7%	62.7%
80 km/h	Urban	Local	Compliance	72.7%	76.2%	78.2%	76.8%
80 km/h	Urban	Arterial	Compliance	53.8%	57.1%	60.8%	61.0%
80 km/h	Regional	All	Compliance	53.9%	55.4%	56.3%	54.8%
80 km/h	Regional	Local	Compliance	64.4%	63.2%	63.1%	60.0%
80 km/h	Regional	Arterial	Compliance	53.4%	54.9%	55.8%	54.5%
100 km/h	All	All	Compliance	47.7%	59.0%	68.1%	65.5%
100 km/h	All	Local	Compliance	82.3%	87.5%	87.4%	85.9%
100 km/h	All	Arterial	Compliance	47.4%	58.7%	67.9%	65.3%
100 km/h	Urban	All	Compliance	44.7%	57.2%	69.2%	66.2%
100 km/h	Urban	Local	Compliance	84.6%	93.1%	93.8%	92.2%
100 km/h	Urban	Arterial	Compliance	44.5%	57.0%	69.0%	66.1%
100 km/h	Regional	All	Compliance	57.7%	64.2%	65.3%	63.7%
100 km/h	Regional	Local	Compliance	80.3%	83.0%	83.4%	82.0%
100 km/h	Regional	Arterial	Compliance	57.2%	63.8%	64.8%	63.1%
110 km/h	All	All	Compliance	55.1%	68.4%	81.5%	77.1%
110 km/h	All	Local	Compliance	99.6%	99.6%	99.7%	99.5%
110 km/h	All	Arterial	Compliance	55.1%	68.4%	81.5%	77.1%
110 km/h	Urban	All	Compliance	55.3%	67.7%	82.0%	77.7%
110 km/h	Urban	Local	Compliance	99.6%	99.6%	99.7%	99.6%
110 km/h	Urban	Arterial	Compliance	55.3%	67.7%	82.0%	77.7%
110 km/h	Regional	All	Compliance	53.5%	73.3%	78.6%	73.5%
110 km/h	Regional	Local	Compliance	98.4%	98.9%	98.9%	98.5%
110 km/h	Regional	Arterial	Compliance	53.5%	73.3%	78.6%	73.5%
All	All	All	<10% above speed limit	24.0%	21.3%	18.1%	19.2%

All	All	Local	<10% above speed limit	9.1%	9.0%	8.6%	8.7%
All	All	Arterial	<10% above speed limit	27.6%	24.5%	20.8%	22.1%
All	Urban	All	<10% above speed limit	23.5%	20.5%	16.7%	17.6%
All	Urban	Local	<10% above speed limit	8.9%	8.7%	8.2%	8.3%
All	Urban	Arterial	<10% above speed limit	27.4%	23.8%	19.3%	20.5%
All	Regional	All	<10% above speed limit	27.9%	27.6%	28.5%	30.1%
All	Regional	Local	<10% above speed limit	15.3%	15.3%	15.7%	15.9%
All	Regional	Arterial	<10% above speed limit	28.9%	28.7%	29.7%	31.4%
50 km/h	All	All	<10% above speed limit	5.7%	4.9%	4.5%	4.5%
50 km/h	All	Local	<10% above speed limit	5.7%	4.9%	4.5%	4.5%
50 km/h	Urban	All	<10% above speed limit	5.5%	4.7%	4.3%	4.3%
50 km/h	Urban	Local	<10% above speed limit	5.5%	4.7%	4.3%	4.3%
50 km/h	Regional	All	<10% above speed limit	8.5%	8.3%	7.8%	7.6%
50 km/h	Regional	Local	<10% above speed limit	8.5%	8.3%	7.8%	7.6%
60 km/h	All	All	<10% above speed limit	11.8%	11.1%	10.3%	10.1%
60 km/h	All	Local	<10% above speed limit	9.7%	9.5%	9.2%	9.1%
60 km/h	All	Arterial	<10% above speed limit	12.8%	11.9%	10.9%	10.6%
60 km/h	Urban	All	<10% above speed limit	11.6%	10.9%	10.0%	9.7%
60 km/h	Urban	Local	<10% above speed limit	9.4%	9.2%	8.8%	8.7%
60 km/h	Urban	Arterial	<10% above speed limit	12.7%	11.8%	10.7%	10.3%
60 km/h	Regional	All	<10% above speed limit	17.2%	17.1%	17.5%	18.7%
60 km/h	Regional	Local	<10% above speed limit	22.0%	21.9%	23.9%	23.0%
60 km/h	Regional	Arterial	<10% above speed limit	15.6%	15.7%	15.5%	17.3%
80 km/h	All	All	<10% above speed limit	22.3%	24.0%	26.1%	26.5%
80 km/h	All	Local	<10% above speed limit	16.2%	17.5%	17.0%	18.2%
80 km/h	All	Arterial	<10% above speed limit	22.9%	24.6%	27.2%	27.4%
80 km/h	Urban	All	<10% above speed limit	21.8%	23.2%	25.7%	25.8%
80 km/h	Urban	Local	<10% above speed limit	16.1%	17.3%	16.7%	17.9%
80 km/h	Urban	Arterial	<10% above speed limit	22.4%	23.9%	26.7%	26.8%
80 km/h	Regional	All	<10% above speed limit	25.8%	28.4%	28.9%	30.4%
80 km/h	Regional	Local	<10% above speed limit	18.7%	20.3%	19.4%	21.5%
80 km/h	Regional	Arterial	<10% above speed limit	26.1%	28.8%	29.6%	31.0%
100 km/h	All	All	<10% above speed limit	43.8%	38.0%	30.9%	33.5%
100 km/h	All	Local	<10% above speed limit	12.4%	10.8%	11.9%	13.4%
100 km/h	All	Arterial	<10% above speed limit	44.1%	38.3%	31.2%	33.7%
100 km/h	Urban	All	<10% above speed limit	47.9%	40.3%	30.2%	33.1%
100 km/h	Urban	Local	<10% above speed limit	10.5%	5.6%	5.8%	7.3%
100 km/h	Urban	Arterial	<10% above speed limit	48.1%	40.5%	30.4%	33.3%
100 km/h	Regional	All	<10% above speed limit	30.3%	31.0%	32.7%	34.5%
100 km/h	Regional	Local	<10% above speed limit	13.9%	14.9%	15.7%	17.1%
100 km/h	Regional	Arterial	<10% above speed limit	30.6%	31.4%	33.2%	35.0%
110 km/h	All	All	<10% above speed limit	38.8%	28.8%	17.4%	21.6%
110 km/h	All	Local	<10% above speed limit	0.3%	0.3%	0.2%	0.3%
110 km/h	All	Arterial	<10% above speed limit	38.8%	28.8%	17.4%	21.6%
110 km/h	Urban	All	<10% above speed limit	38.7%	29.5%	16.9%	21.0%

110 km/h	Urban	Local	<10% above speed limit	0.3%	0.3%	0.2%	0.3%
110 km/h	Urban	Arterial	<10% above speed limit	38.7%	29.5%	16.9%	21.0%
110 km/h	Regional	All	<10% above speed limit	39.7%	24.3%	20.7%	25.6%
110 km/h	Regional	Local	<10% above speed limit	1.3%	0.9%	0.8%	1.2%
110 km/h	Regional	Arterial	<10% above speed limit	39.7%	24.3%	20.7%	25.6%
All	All	All	10-20% above speed limit	5.3%	4.0%	3.2%	3.2%
All	All	Local	10-20% above speed limit	4.0%	3.7%	3.4%	3.4%
All	All	Arterial	10-20% above speed limit	5.6%	4.1%	3.1%	3.1%
All	Urban	All	10-20% above speed limit	5.3%	4.0%	3.1%	3.1%
All	Urban	Local	10-20% above speed limit	4.0%	3.7%	3.3%	3.4%
All	Urban	Arterial	10-20% above speed limit	5.7%	4.1%	3.1%	3.1%
All	Regional	All	10-20% above speed limit	5.2%	3.9%	3.5%	3.5%
All	Regional	Local	10-20% above speed limit	5.1%	5.0%	4.9%	4.7%
All	Regional	Arterial	10-20% above speed limit	5.2%	3.8%	3.4%	3.4%
50 km/h	All	All	10-20% above speed limit	2.2%	1.7%	1.6%	1.6%
50 km/h	All	Local	10-20% above speed limit	2.2%	1.7%	1.6%	1.6%
50 km/h	Urban	All	10-20% above speed limit	2.1%	1.6%	1.5%	1.6%
50 km/h	Urban	Local	10-20% above speed limit	2.1%	1.6%	1.5%	1.6%
50 km/h	Regional	All	10-20% above speed limit	3.4%	3.1%	2.6%	2.4%
50 km/h	Regional	Local	10-20% above speed limit	3.4%	3.1%	2.6%	2.4%
60 km/h	All	All	10-20% above speed limit	5.3%	4.5%	3.9%	3.9%
60 km/h	All	Local	10-20% above speed limit	4.3%	3.8%	3.5%	3.5%
60 km/h	All	Arterial	10-20% above speed limit	5.8%	4.8%	4.0%	4.1%
60 km/h	Urban	All	10-20% above speed limit	5.2%	4.4%	3.7%	3.7%
60 km/h	Urban	Local	10-20% above speed limit	4.2%	3.8%	3.4%	3.4%
60 km/h	Urban	Arterial	10-20% above speed limit	5.8%	4.8%	3.9%	3.9%
60 km/h	Regional	All	10-20% above speed limit	7.5%	6.9%	6.7%	7.2%
60 km/h	Regional	Local	10-20% above speed limit	7.0%	7.2%	7.4%	6.6%
60 km/h	Regional	Arterial	10-20% above speed limit	7.7%	6.9%	6.5%	7.4%
80 km/h	All	All	10-20% above speed limit	11.5%	10.8%	9.6%	9.4%
80 km/h	All	Local	10-20% above speed limit	6.5%	5.3%	5.1%	5.3%
80 km/h	All	Arterial	10-20% above speed limit	11.9%	11.4%	10.1%	9.8%
80 km/h	Urban	All	10-20% above speed limit	11.5%	10.8%	9.2%	8.9%
80 km/h	Urban	Local	10-20% above speed limit	6.2%	4.8%	4.4%	4.4%
80 km/h	Urban	Arterial	10-20% above speed limit	12.1%	11.4%	9.8%	9.4%
80 km/h	Regional	All	10-20% above speed limit	10.9%	11.3%	11.8%	12.0%
80 km/h	Regional	Local	10-20% above speed limit	9.8%	11.2%	12.1%	13.2%
80 km/h	Regional	Arterial	10-20% above speed limit	11.0%	11.3%	11.8%	11.9%
100 km/h	All	All	10-20% above speed limit	3.5%	1.5%	0.8%	0.8%
100 km/h	All	Local	10-20% above speed limit	1.8%	0.8%	0.6%	0.6%
100 km/h	All	Arterial	10-20% above speed limit	3.5%	1.5%	0.8%	0.8%
100 km/h	Urban	All	10-20% above speed limit	3.5%	1.3%	0.5%	0.5%
100 km/h	Urban	Local	10-20% above speed limit	2.2%	0.6%	0.3%	0.3%
100 km/h	Urban	Arterial	10-20% above speed limit	3.5%	1.3%	0.5%	0.5%
100 km/h	Regional	All	10-20% above speed limit	3.4%	2.0%	1.6%	1.4%

100 km/h	Regional	Local	10-20% above speed limit	1.5%	0.9%	0.7%	0.7%
100 km/h	Regional	Arterial	10-20% above speed limit	3.4%	2.0%	1.6%	1.5%
110 km/h	All	All	10-20% above speed limit	6.1%	2.7%	1.0%	1.2%
110 km/h	All	Local	10-20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	All	Arterial	10-20% above speed limit	6.1%	2.7%	1.0%	1.2%
110 km/h	Urban	All	10-20% above speed limit	6.0%	2.8%	1.1%	1.3%
110 km/h	Urban	Local	10-20% above speed limit	0.1%	0.1%	0.1%	0.1%
110 km/h	Urban	Arterial	10-20% above speed limit	6.0%	2.8%	1.1%	1.3%
110 km/h	Regional	All	10-20% above speed limit	6.7%	2.4%	0.7%	0.9%
110 km/h	Regional	Local	10-20% above speed limit	0.2%	0.2%	0.2%	0.2%
110 km/h	Regional	Arterial	10-20% above speed limit	6.7%	2.4%	0.7%	0.9%
All	All	All	>20% above speed limit	4.8%	2.5%	1.2%	1.2%
All	All	Local	>20% above speed limit	4.3%	2.7%	2.0%	2.0%
All	All	Arterial	>20% above speed limit	4.9%	2.4%	1.0%	1.0%
All	Urban	All	>20% above speed limit	4.4%	2.4%	1.2%	1.2%
All	Urban	Local	>20% above speed limit	4.2%	2.7%	2.0%	2.0%
All	Urban	Arterial	>20% above speed limit	4.4%	2.3%	1.0%	1.0%
All	Regional	All	>20% above speed limit	7.9%	3.2%	1.3%	1.2%
All	Regional	Local	>20% above speed limit	5.0%	3.6%	3.0%	2.8%
All	Regional	Arterial	>20% above speed limit	8.2%	3.2%	1.1%	1.1%
50 km/h	All	All	>20% above speed limit	2.3%	1.7%	1.5%	1.7%
50 km/h	All	Local	>20% above speed limit	2.3%	1.7%	1.5%	1.7%
50 km/h	Urban	All	>20% above speed limit	2.2%	1.6%	1.5%	1.6%
50 km/h	Urban	Local	>20% above speed limit	2.2%	1.6%	1.5%	1.6%
50 km/h	Regional	All	>20% above speed limit	4.8%	3.8%	2.8%	2.6%
50 km/h	Regional	Local	>20% above speed limit	4.8%	3.8%	2.8%	2.6%
60 km/h	All	All	>20% above speed limit	4.0%	2.5%	1.7%	1.7%
60 km/h	All	Local	>20% above speed limit	3.5%	2.2%	1.5%	1.5%
60 km/h	All	Arterial	>20% above speed limit	4.3%	2.7%	1.8%	1.8%
60 km/h	Urban	All	>20% above speed limit	3.9%	2.4%	1.6%	1.6%
60 km/h	Urban	Local	>20% above speed limit	3.5%	2.1%	1.5%	1.5%
60 km/h	Urban	Arterial	>20% above speed limit	4.1%	2.6%	1.6%	1.6%
60 km/h	Regional	All	>20% above speed limit	8.2%	5.6%	4.5%	4.3%
60 km/h	Regional	Local	>20% above speed limit	4.6%	3.8%	3.4%	3.1%
60 km/h	Regional	Arterial	>20% above speed limit	9.3%	6.1%	4.9%	4.6%
80 km/h	All	All	>20% above speed limit	10.9%	6.7%	2.5%	2.6%
80 km/h	All	Local	>20% above speed limit	5.2%	2.0%	1.2%	1.2%
80 km/h	All	Arterial	>20% above speed limit	11.4%	7.2%	2.7%	2.7%
80 km/h	Urban	All	>20% above speed limit	11.1%	6.9%	2.5%	2.6%
80 km/h	Urban	Local	>20% above speed limit	5.0%	1.7%	0.8%	0.8%
80 km/h	Urban	Arterial	>20% above speed limit	11.7%	7.5%	2.7%	2.8%
80 km/h	Regional	All	>20% above speed limit	9.4%	5.0%	3.0%	2.8%
80 km/h	Regional	Local	>20% above speed limit	7.1%	5.2%	5.3%	5.2%
80 km/h	Regional	Arterial	>20% above speed limit	9.5%	5.0%	2.8%	2.6%
100 km/h	All	All	>20% above speed limit	5.0%	1.5%	0.2%	0.2%

100 km/h	All	Local	>20% above speed limit	3.6%	0.9%	0.2%	0.2%
100 km/h	All	Arterial	>20% above speed limit	5.0%	1.5%	0.2%	0.2%
100 km/h	Urban	All	>20% above speed limit	3.9%	1.1%	0.1%	0.1%
100 km/h	Urban	Local	>20% above speed limit	2.7%	0.6%	0.1%	0.1%
100 km/h	Urban	Arterial	>20% above speed limit	3.9%	1.1%	0.1%	0.1%
100 km/h	Regional	All	>20% above speed limit	8.7%	2.8%	0.4%	0.4%
100 km/h	Regional	Local	>20% above speed limit	4.3%	1.2%	0.2%	0.2%
100 km/h	Regional	Arterial	>20% above speed limit	8.8%	2.8%	0.4%	0.4%
110 km/h	All	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	All	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	All	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Regional	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Regional	Local	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Regional	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%

Table A5.4: Count-weighted average speed when speeding, urban, regional and all areas, local, arterial and all roads, Queensland, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	57.0	56.5	56.4	57.1
50 km/h	All	Local	All speeding	57.0	56.5	56.4	57.1
50 km/h	Urban	All	All speeding	56.9	56.4	56.4	57.1
50 km/h	Urban	Local	All speeding	56.9	56.4	56.4	57.1
50 km/h	Regional	All	All speeding	57.8	57.1	56.3	56.4
50 km/h	Regional	Local	All speeding	57.8	57.1	56.3	56.4
60 km/h	All	All	All speeding	68.0	66.9	66.1	66.3
60 km/h	All	Local	All speeding	68.1	66.8	66.0	66.2
60 km/h	All	Arterial	All speeding	68.0	67.0	66.2	66.4
60 km/h	Urban	All	All speeding	68.0	66.9	66.1	66.3
60 km/h	Urban	Local	All speeding	68.2	66.8	66.1	66.3
60 km/h	Urban	Arterial	All speeding	67.9	66.9	66.1	66.3
60 km/h	Regional	All	All speeding	68.8	67.4	66.7	66.4
60 km/h	Regional	Local	All speeding	66.3	66.0	65.6	65.5
60 km/h	Regional	Arterial	All speeding	69.6	67.9	67.1	66.7
80 km/h	All	All	All speeding	92.8	90.0	87.6	87.7
80 km/h	All	Local	All speeding	89.8	86.9	86.2	86.2
80 km/h	All	Arterial	All speeding	92.9	90.2	87.7	87.8
80 km/h	Urban	All	All speeding	93.1	90.4	87.8	87.9
80 km/h	Urban	Local	All speeding	89.8	86.7	85.7	85.8
80 km/h	Urban	Arterial	All speeding	93.4	90.6	87.9	88.0
80 km/h	Regional	All	All speeding	90.4	87.9	86.8	86.7

80 km/h	Regional	Local	All speeding	90.2	88.6	88.7	88.4
80 km/h	Regional	Arterial	All speeding	90.4	87.9	86.7	86.6
100 km/h	All	All	All speeding	112.0	107.5	104.9	105.1
100 km/h	All	Local	All speeding	110.1	106.0	104.1	104.1
100 km/h	All	Arterial	All speeding	112.1	107.5	104.9	105.1
100 km/h	Urban	All	All speeding	112.5	107.9	105.2	105.6
100 km/h	Urban	Local	All speeding	110.4	107.1	104.4	104.5
100 km/h	Urban	Arterial	All speeding	112.5	107.9	105.2	105.6
100 km/h	Regional	All	All speeding	110.3	106.2	104.2	104.0
100 km/h	Regional	Local	All speeding	109.9	105.6	104.0	103.9
100 km/h	Regional	Arterial	All speeding	110.3	106.2	104.2	104.0
110 km/h	All	All	All speeding	120.5	118.3	116.9	117.3
110 km/h	All	Local	All speeding	117.1	117.3	118.9	118.5
110 km/h	All	Arterial	All speeding	120.5	118.3	116.9	117.3
110 km/h	Urban	All	All speeding	120.7	118.5	117.3	117.6
110 km/h	Urban	Local	All speeding	117.4	117.4	119.2	118.9
110 km/h	Urban	Arterial	All speeding	120.7	118.5	117.3	117.6
110 km/h	Regional	All	All speeding	119.0	116.7	114.8	115.7
110 km/h	Regional	Local	All speeding	115.4	116.8	117.2	116.2
110 km/h	Regional	Arterial	All speeding	119.0	116.7	114.8	115.7
50 km/h	All	All	<10% above speed limit	53.2	52.9	52.9	53.0
50 km/h	All	Local	<10% above speed limit	53.2	52.9	52.9	53.0
50 km/h	Urban	All	<10% above speed limit	53.2	52.9	52.9	53.0
50 km/h	Urban	Local	<10% above speed limit	53.2	52.9	52.9	53.0
50 km/h	Regional	All	<10% above speed limit	52.7	52.7	52.6	52.6
50 km/h	Regional	Local	<10% above speed limit	52.7	52.7	52.6	52.6
60 km/h	All	All	<10% above speed limit	63.6	63.5	63.5	63.5
60 km/h	All	Local	<10% above speed limit	63.4	63.4	63.3	63.4
60 km/h	All	Arterial	<10% above speed limit	63.7	63.6	63.5	63.6
60 km/h	Urban	All	<10% above speed limit	63.7	63.5	63.5	63.5
60 km/h	Urban	Local	<10% above speed limit	63.5	63.4	63.4	63.4
60 km/h	Urban	Arterial	<10% above speed limit	63.7	63.6	63.5	63.6
60 km/h	Regional	All	<10% above speed limit	63.1	63.1	63.1	63.1
60 km/h	Regional	Local	<10% above speed limit	63.0	63.0	63.1	63.0
60 km/h	Regional	Arterial	<10% above speed limit	63.1	63.1	63.1	63.1
80 km/h	All	All	<10% above speed limit	85.5	85.1	85.0	85.1
80 km/h	All	Local	<10% above speed limit	84.3	84.0	84.0	84.0
80 km/h	All	Arterial	<10% above speed limit	85.5	85.2	85.1	85.2
80 km/h	Urban	All	<10% above speed limit	85.7	85.3	85.2	85.3
80 km/h	Urban	Local	<10% above speed limit	84.3	84.0	84.0	84.0
80 km/h	Urban	Arterial	<10% above speed limit	85.8	85.4	85.3	85.4
80 km/h	Regional	All	<10% above speed limit	84.1	84.1	84.1	84.1
80 km/h	Regional	Local	<10% above speed limit	84.0	84.0	84.2	84.2
80 km/h	Regional	Arterial	<10% above speed limit	84.1	84.1	84.1	84.1
100 km/h	All	All	<10% above speed limit	109.7	106.3	104.5	104.8

100 km/h	All	Local	<10% above speed limit	104.1	103.5	103.4	103.4
100 km/h	All	Arterial	<10% above speed limit	109.7	106.3	104.5	104.8
100 km/h	Urban	All	<10% above speed limit	110.6	107.0	105.0	105.4
100 km/h	Urban	Local	<10% above speed limit	105.0	103.8	103.5	103.6
100 km/h	Urban	Arterial	<10% above speed limit	110.7	107.0	105.0	105.4
100 km/h	Regional	All	<10% above speed limit	104.4	103.7	103.4	103.4
100 km/h	Regional	Local	<10% above speed limit	103.6	103.4	103.3	103.3
100 km/h	Regional	Arterial	<10% above speed limit	104.4	103.7	103.4	103.4
110 km/h	All	All	<10% above speed limit	119.3	117.4	116.4	116.8
110 km/h	All	Local	<10% above speed limit	114.0	113.7	114.3	114.5
110 km/h	All	Arterial	<10% above speed limit	119.3	117.4	116.4	116.8
110 km/h	Urban	All	<10% above speed limit	119.5	117.6	116.7	117.0
110 km/h	Urban	Local	<10% above speed limit	114.0	113.7	114.4	114.6
110 km/h	Urban	Arterial	<10% above speed limit	119.5	117.6	116.7	117.1
110 km/h	Regional	All	<10% above speed limit	117.4	115.5	114.4	115.3
110 km/h	Regional	Local	<10% above speed limit	113.5	113.7	113.5	114.1
110 km/h	Regional	Arterial	<10% above speed limit	117.4	115.5	114.4	115.3
50 km/h	All	All	10-20% above speed limit	58.1	57.9	57.9	58.0
50 km/h	All	Local	10-20% above speed limit	58.1	57.9	57.9	58.0
50 km/h	Urban	All	10-20% above speed limit	58.1	57.9	57.9	58.0
50 km/h	Urban	Local	10-20% above speed limit	58.1	57.9	57.9	58.0
50 km/h	Regional	All	10-20% above speed limit	57.7	57.7	57.7	57.8
50 km/h	Regional	Local	10-20% above speed limit	57.7	57.7	57.7	57.8
60 km/h	All	All	10-20% above speed limit	69.8	69.6	69.4	69.4
60 km/h	All	Local	10-20% above speed limit	69.6	69.4	69.3	69.3
60 km/h	All	Arterial	10-20% above speed limit	69.9	69.7	69.4	69.5
60 km/h	Urban	All	10-20% above speed limit	69.8	69.6	69.4	69.5
60 km/h	Urban	Local	10-20% above speed limit	69.6	69.4	69.3	69.3
60 km/h	Urban	Arterial	10-20% above speed limit	69.9	69.7	69.5	69.5
60 km/h	Regional	All	10-20% above speed limit	69.1	69.1	69.1	69.1
60 km/h	Regional	Local	10-20% above speed limit	68.9	68.9	68.9	69.0
60 km/h	Regional	Arterial	10-20% above speed limit	69.2	69.1	69.1	69.1
80 km/h	All	All	10-20% above speed limit	95.3	94.2	93.1	92.9
80 km/h	All	Local	10-20% above speed limit	92.6	92.0	91.8	91.8
80 km/h	All	Arterial	10-20% above speed limit	95.4	94.3	93.2	93.0
80 km/h	Urban	All	10-20% above speed limit	95.7	94.5	93.4	93.2
80 km/h	Urban	Local	10-20% above speed limit	92.7	92.0	91.6	91.7
80 km/h	Urban	Arterial	10-20% above speed limit	95.9	94.6	93.5	93.2
80 km/h	Regional	All	10-20% above speed limit	92.2	92.0	91.8	91.7
80 km/h	Regional	Local	10-20% above speed limit	91.9	91.9	92.1	92.1
80 km/h	Regional	Arterial	10-20% above speed limit	92.2	92.0	91.8	91.7
100 km/h	All	All	10-20% above speed limit	119.1	117.4	114.5	114.6
100 km/h	All	Local	10-20% above speed limit	116.4	115.1	114.0	114.0
100 km/h	All	Arterial	10-20% above speed limit	119.1	117.4	114.5	114.6
100 km/h	Urban	All	10-20% above speed limit	119.9	118.3	115.1	115.2

100 km/h	Urban	Local	10-20% above speed limit	117.3	116.6	114.8	114.6
100 km/h	Urban	Arterial	10-20% above speed limit	119.9	118.3	115.1	115.2
100 km/h	Regional	All	10-20% above speed limit	116.5	115.5	114.1	114.0
100 km/h	Regional	Local	10-20% above speed limit	115.3	114.3	113.8	113.8
100 km/h	Regional	Arterial	10-20% above speed limit	116.6	115.5	114.1	114.0
110 km/h	All	All	10-20% above speed limit	128.1	127.5	126.2	126.2
110 km/h	All	Local	10-20% above speed limit	128.3	128.5	127.7	127.2
110 km/h	All	Arterial	10-20% above speed limit	128.1	127.5	126.2	126.2
110 km/h	Urban	All	10-20% above speed limit	128.1	127.5	126.2	126.2
110 km/h	Urban	Local	10-20% above speed limit	128.5	128.5	127.6	127.1
110 km/h	Urban	Arterial	10-20% above speed limit	128.1	127.5	126.2	126.2
110 km/h	Regional	All	10-20% above speed limit	128.4	128.0	126.2	126.1
110 km/h	Regional	Local	10-20% above speed limit	127.1	128.7	128.6	127.4
110 km/h	Regional	Arterial	10-20% above speed limit	128.4	128.0	126.2	126.1
50 km/h	All	All	>20% above speed limit	66.6	66.4	66.4	68.9
50 km/h	All	Local	>20% above speed limit	66.6	66.4	66.4	68.9
50 km/h	Urban	All	>20% above speed limit	66.4	66.3	66.3	69.1
50 km/h	Urban	Local	>20% above speed limit	66.4	66.3	66.3	69.1
50 km/h	Regional	All	>20% above speed limit	68.0	67.5	66.6	67.4
50 km/h	Regional	Local	>20% above speed limit	68.0	67.5	66.6	67.4
60 km/h	All	All	>20% above speed limit	81.9	81.4	80.5	81.5
60 km/h	All	Local	>20% above speed limit	82.3	81.5	80.4	81.7
60 km/h	All	Arterial	>20% above speed limit	81.7	81.4	80.6	81.4
60 km/h	Urban	All	>20% above speed limit	81.8	81.4	80.5	81.6
60 km/h	Urban	Local	>20% above speed limit	82.3	81.4	80.3	81.7
60 km/h	Urban	Arterial	>20% above speed limit	81.5	81.4	80.7	81.6
60 km/h	Regional	All	>20% above speed limit	83.1	81.7	80.6	80.3
60 km/h	Regional	Local	>20% above speed limit	82.6	82.5	81.8	82.1
60 km/h	Regional	Arterial	>20% above speed limit	83.2	81.6	80.3	80.0
80 km/h	All	All	>20% above speed limit	108.2	105.3	102.0	103.2
80 km/h	All	Local	>20% above speed limit	106.9	105.6	102.3	103.4
80 km/h	All	Arterial	>20% above speed limit	108.3	105.3	102.0	103.2
80 km/h	Urban	All	>20% above speed limit	108.1	105.2	102.2	103.5
80 km/h	Urban	Local	>20% above speed limit	106.8	106.1	102.9	104.8
80 km/h	Urban	Arterial	>20% above speed limit	108.2	105.2	102.1	103.4
80 km/h	Regional	All	>20% above speed limit	109.0	105.8	101.3	101.5
80 km/h	Regional	Local	>20% above speed limit	108.1	103.7	101.5	101.2
80 km/h	Regional	Arterial	>20% above speed limit	109.0	106.0	101.3	101.6
100 km/h	All	All	>20% above speed limit	128.6	128.4	126.3	126.5
100 km/h	All	Local	>20% above speed limit	128.2	128.1	126.3	128.3
100 km/h	All	Arterial	>20% above speed limit	128.6	128.4	126.3	126.5
100 km/h	Urban	All	>20% above speed limit	128.4	128.2	126.5	126.7
100 km/h	Urban	Local	>20% above speed limit	127.1	127.1	127.0	129.3
100 km/h	Urban	Arterial	>20% above speed limit	128.4	128.2	126.5	126.7
100 km/h	Regional	All	>20% above speed limit	128.8	128.6	126.1	126.4

100 km/h	Regional	Local	>20% above speed limit	128.7	128.5	126.0	127.8
100 km/h	Regional	Arterial	>20% above speed limit	128.8	128.6	126.1	126.4
110 km/h	All	All	>20% above speed limit	139.7	138.5	140.6	142.9
110 km/h	All	Local	>20% above speed limit	140.0	143.5	148.0	140.1
110 km/h	All	Arterial	>20% above speed limit	139.7	138.5	140.6	142.9
110 km/h	Urban	All	>20% above speed limit	139.6	138.8	140.4	144.2
110 km/h	Urban	Local	>20% above speed limit	140.0	143.7		140.0
110 km/h	Urban	Arterial	>20% above speed limit	139.6	138.8	140.4	144.2
110 km/h	Regional	All	>20% above speed limit	140.1	137.8	140.8	141.5
110 km/h	Regional	Local	>20% above speed limit		141.0	148.0	140.7
110 km/h	Regional	Arterial	>20% above speed limit	140.1	137.8	140.8	141.5

A5.2 Brisbane summary speed tables

Table A5.5: Count-weighted average speed, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	53.9	53.0	51.1	52.4
All	All	Local	35.9	35.5	34.1	35.2
All	All	Arterial	63.9	63.1	62.0	62.5
All	Urban	All	53.1	52.2	50.3	51.6
All	Urban	Local	35.7	35.3	33.9	35.0
All	Urban	Arterial	63.2	62.3	61.2	61.7
All	Regional	All	73.9	73.0	71.1	73.1
All	Regional	Local	46.2	46.5	44.6	46.9
All	Regional	Arterial	78.2	77.5	76.8	77.7
50 km/h	All	All	25.5	25.4	24.5	25.4
50 km/h	All	Local	25.5	25.4	24.5	25.4
50 km/h	Urban	All	25.4	25.3	24.4	25.3
50 km/h	Urban	Local	25.4	25.3	24.4	25.3
50 km/h	Regional	All	31.1	31.3	29.9	31.5
50 km/h	Regional	Local	31.1	31.3	29.9	31.5
60 km/h	All	All	40.8	40.3	39.8	39.6
60 km/h	All	Local	40.0	39.9	39.6	39.4
60 km/h	All	Arterial	41.4	40.6	40.0	39.8
60 km/h	Urban	All	40.7	40.2	39.7	39.5
60 km/h	Urban	Local	40.0	39.8	39.5	39.4
60 km/h	Urban	Arterial	41.3	40.4	39.8	39.6
60 km/h	Regional	All	48.1	46.7	46.7	47.0
60 km/h	Regional	Local	45.5	45.0	44.4	45.2
60 km/h	Regional	Arterial	48.5	47.0	47.2	47.4
80 km/h	All	All	68.3	67.6	66.0	66.4
80 km/h	All	Local	63.0	62.4	61.5	62.2
80 km/h	All	Arterial	69.1	68.4	66.8	67.1
80 km/h	Urban	All	68.0	67.3	65.7	66.0
80 km/h	Urban	Local	63.1	62.6	61.7	62.3
80 km/h	Urban	Arterial	68.8	68.1	66.4	66.6
80 km/h	Regional	All	71.7	71.2	69.3	71.0
80 km/h	Regional	Local	58.6	56.8	57.8	59.9
80 km/h	Regional	Arterial	72.7	72.5	70.5	72.0
100 km/h	All	All	89.6	88.2	86.9	88.4
100 km/h	All	Local	72.6	71.6	68.1	71.5
100 km/h	All	Arterial	89.8	88.5	87.3	88.6
100 km/h	Urban	All	89.7	88.3	87.0	88.4
100 km/h	Urban	Local	78.9	76.4	74.1	76.3
100 km/h	Urban	Arterial	89.8	88.4	87.1	88.5

100 km/h	Regional	All	88.5	87.7	86.2	87.9
100 km/h	Regional	Local	66.3	67.4	63.9	67.4
100 km/h	Regional	Arterial	90.1	89.3	88.5	89.6
110 km/h	All	All	101.1	100.4	99.7	101.0
110 km/h	All	Local			49.0	
110 km/h	All	Arterial	101.1	100.4	99.7	101.0
110 km/h	Urban	All	101.1	100.4	99.7	101.0
110 km/h	Urban	Local			49.0	
110 km/h	Urban	Arterial	101.1	100.4	99.7	101.0

Table A5.6: Count-weighted percentage of speed limit, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	2016	2017	2018	2019
All	All	All	73.3%	72.2%	70.5%	71.5%
All	All	Local	62.4%	62.1%	60.4%	61.6%
All	All	Arterial	79.3%	78.1%	76.9%	77.2%
All	Urban	All	72.8%	71.8%	70.0%	71.0%
All	Urban	Local	62.4%	62.0%	60.3%	61.5%
All	Urban	Arterial	78.8%	77.6%	76.4%	76.7%
All	Regional	All	85.3%	84.3%	82.5%	84.5%
All	Regional	Local	68.0%	67.8%	65.3%	68.6%
All	Regional	Arterial	88.0%	87.1%	86.3%	87.3%

Table A5.7: Count-weighted compliance with speed limits, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
All	All	All	Compliance	64.8%	71.4%	77.1%	75.9%
All	All	Local	Compliance	81.5%	84.0%	85.7%	85.8%
All	All	Arterial	Compliance	60.7%	68.0%	74.7%	73.2%
All	Urban	All	Compliance	65.0%	71.6%	77.5%	76.3%
All	Urban	Local	Compliance	81.5%	84.0%	85.7%	85.8%
All	Urban	Arterial	Compliance	60.8%	68.3%	75.0%	73.5%
All	Regional	All	Compliance	55.5%	60.9%	64.2%	62.9%
All	Regional	Local	Compliance	73.4%	78.0%	79.2%	79.2%
All	Regional	Arterial	Compliance	55.1%	60.4%	63.6%	62.3%
50 km/h	All	All	Compliance	88.7%	91.4%	92.5%	92.4%
50 km/h	All	Local	Compliance	88.7%	91.4%	92.5%	92.4%
50 km/h	Urban	All	Compliance	88.8%	91.5%	92.6%	92.5%
50 km/h	Urban	Local	Compliance	88.8%	91.5%	92.6%	92.5%
50 km/h	Regional	All	Compliance	78.5%	80.3%	81.2%	82.4%
50 km/h	Regional	Local	Compliance	78.5%	80.3%	81.2%	82.4%

60 km/h	All	All	Compliance	78.7%	82.1%	84.8%	85.3%
60 km/h	All	Local	Compliance	81.7%	84.3%	85.8%	86.1%
60 km/h	All	Arterial	Compliance	77.2%	80.9%	84.3%	84.9%
60 km/h	Urban	All	Compliance	78.7%	82.1%	84.9%	85.4%
60 km/h	Urban	Local	Compliance	81.8%	84.4%	85.8%	86.1%
60 km/h	Urban	Arterial	Compliance	77.2%	81.0%	84.4%	85.1%
60 km/h	Regional	All	Compliance	69.5%	76.4%	76.8%	74.8%
60 km/h	Regional	Local	Compliance	50.8%	53.9%	56.1%	57.4%
60 km/h	Regional	Arterial	Compliance	70.4%	77.6%	78.1%	75.8%
80 km/h	All	All	Compliance	47.8%	51.5%	56.5%	55.9%
80 km/h	All	Local	Compliance	67.9%	73.2%	75.1%	74.5%
80 km/h	All	Arterial	Compliance	46.0%	49.3%	54.5%	53.9%
80 km/h	Urban	All	Compliance	48.1%	51.7%	56.7%	56.4%
80 km/h	Urban	Local	Compliance	67.9%	73.2%	75.1%	74.5%
80 km/h	Urban	Arterial	Compliance	46.2%	49.5%	54.7%	54.5%
80 km/h	Regional	All	Compliance	40.6%	46.2%	52.6%	46.0%
80 km/h	Regional	Local	Compliance	64.1%	74.3%	76.8%	76.1%
80 km/h	Regional	Arterial	Compliance	40.3%	45.8%	51.9%	45.2%
100 km/h	All	All	Compliance	45.9%	58.1%	68.9%	65.0%
100 km/h	All	Local	Compliance	83.2%	93.4%	95.4%	95.4%
100 km/h	All	Arterial	Compliance	45.7%	57.9%	68.7%	64.9%
100 km/h	Urban	All	Compliance	45.5%	58.0%	69.2%	65.1%
100 km/h	Urban	Local	Compliance	82.2%	93.1%	95.4%	95.2%
100 km/h	Urban	Arterial	Compliance	45.4%	57.9%	69.1%	65.0%
100 km/h	Regional	All	Compliance	53.6%	58.9%	62.3%	62.8%
100 km/h	Regional	Local	Compliance	95.1%	95.4%	95.6%	96.6%
100 km/h	Regional	Arterial	Compliance	53.3%	58.4%	61.7%	62.3%
110 km/h	All	All	Compliance	37.3%	53.3%	63.0%	57.7%
110 km/h	All	Local	Compliance			100.0%	
110 km/h	All	Arterial	Compliance	37.3%	53.3%	63.0%	57.7%
110 km/h	Urban	All	Compliance	37.3%	53.3%	63.0%	57.7%
110 km/h	Urban	Local	Compliance			100.0%	
110 km/h	Urban	Arterial	Compliance	37.3%	53.3%	63.0%	57.7%
All	All	All	<10% above speed limit	24.8%	21.7%	18.3%	19.5%
All	All	Local	<10% above speed limit	9.6%	9.3%	8.7%	8.7%
All	All	Arterial	<10% above speed limit	28.6%	25.0%	21.0%	22.5%
All	Urban	All	<10% above speed limit	24.8%	21.5%	18.0%	19.2%
All	Urban	Local	<10% above speed limit	9.6%	9.3%	8.7%	8.7%
All	Urban	Arterial	<10% above speed limit	28.6%	24.8%	20.7%	22.2%
All	Regional	All	<10% above speed limit	27.0%	29.9%	29.1%	30.4%
All	Regional	Local	<10% above speed limit	9.1%	8.4%	8.1%	8.0%
All	Regional	Arterial	<10% above speed limit	27.4%	30.6%	29.9%	31.2%
50 km/h	All	All	<10% above speed limit	6.4%	5.1%	4.5%	4.5%
50 km/h	All	Local	<10% above speed limit	6.4%	5.1%	4.5%	4.5%
50 km/h	Urban	All	<10% above speed limit	6.3%	5.0%	4.4%	4.5%

50 km/h	Urban	Local	<10% above speed limit	6.3%	5.0%	4.4%	4.5%
50 km/h	Regional	All	<10% above speed limit	11.0%	11.0%	9.4%	9.2%
50 km/h	Regional	Local	<10% above speed limit	11.0%	11.0%	9.4%	9.2%
60 km/h	All	All	<10% above speed limit	12.2%	11.2%	10.0%	9.6%
60 km/h	All	Local	<10% above speed limit	10.1%	9.7%	9.2%	9.0%
60 km/h	All	Arterial	<10% above speed limit	13.3%	11.9%	10.4%	9.9%
60 km/h	Urban	All	<10% above speed limit	12.2%	11.1%	10.0%	9.5%
60 km/h	Urban	Local	<10% above speed limit	10.1%	9.7%	9.2%	9.0%
60 km/h	Urban	Arterial	<10% above speed limit	13.2%	11.9%	10.4%	9.8%
60 km/h	Regional	All	<10% above speed limit	15.1%	13.3%	13.7%	15.4%
60 km/h	Regional	Local	<10% above speed limit	8.4%	7.4%	8.2%	8.3%
60 km/h	Regional	Arterial	<10% above speed limit	15.4%	13.7%	14.0%	15.8%
80 km/h	All	All	<10% above speed limit	23.1%	25.1%	28.3%	29.2%
80 km/h	All	Local	<10% above speed limit	18.3%	19.4%	18.9%	19.7%
80 km/h	All	Arterial	<10% above speed limit	23.6%	25.6%	29.3%	30.2%
80 km/h	Urban	All	<10% above speed limit	22.8%	24.8%	28.4%	28.9%
80 km/h	Urban	Local	<10% above speed limit	18.3%	19.5%	19.0%	19.8%
80 km/h	Urban	Arterial	<10% above speed limit	23.3%	25.3%	29.4%	29.9%
80 km/h	Regional	All	<10% above speed limit	29.1%	31.1%	27.5%	33.4%
80 km/h	Regional	Local	<10% above speed limit	15.4%	14.0%	12.8%	12.8%
80 km/h	Regional	Arterial	<10% above speed limit	29.3%	31.4%	27.9%	34.0%
100 km/h	All	All	<10% above speed limit	47.4%	39.6%	30.5%	34.3%
100 km/h	All	Local	<10% above speed limit	11.2%	5.3%	4.3%	4.3%
100 km/h	All	Arterial	<10% above speed limit	47.5%	39.7%	30.7%	34.5%
100 km/h	Urban	All	<10% above speed limit	48.1%	39.8%	30.3%	34.3%
100 km/h	Urban	Local	<10% above speed limit	11.8%	5.4%	4.4%	4.5%
100 km/h	Urban	Arterial	<10% above speed limit	48.2%	39.9%	30.3%	34.4%
100 km/h	Regional	All	<10% above speed limit	31.2%	36.0%	35.8%	35.7%
100 km/h	Regional	Local	<10% above speed limit	3.9%	4.4%	4.1%	3.2%
100 km/h	Regional	Arterial	<10% above speed limit	31.4%	36.4%	36.4%	36.1%
110 km/h	All	All	<10% above speed limit	51.5%	40.4%	33.7%	38.4%
110 km/h	All	Local	<10% above speed limit			0.0%	
110 km/h	All	Arterial	<10% above speed limit	51.5%	40.4%	33.7%	38.4%
110 km/h	Urban	All	<10% above speed limit	51.5%	40.4%	33.7%	38.4%
110 km/h	Urban	Local	<10% above speed limit			0.0%	
110 km/h	Urban	Arterial	<10% above speed limit	51.5%	40.4%	33.7%	38.4%
All	All	All	10-20% above speed limit	5.6%	4.3%	3.4%	3.3%
All	All	Local	10-20% above speed limit	4.3%	4.0%	3.6%	3.6%
All	All	Arterial	10-20% above speed limit	5.9%	4.4%	3.3%	3.3%
All	Urban	All	10-20% above speed limit	5.6%	4.3%	3.3%	3.3%
All	Urban	Local	10-20% above speed limit	4.3%	4.0%	3.6%	3.6%
All	Urban	Arterial	10-20% above speed limit	5.9%	4.4%	3.2%	3.2%
All	Regional	All	10-20% above speed limit	7.8%	5.8%	5.2%	5.4%
All	Regional	Local	10-20% above speed limit	4.9%	3.7%	3.8%	3.8%
All	Regional	Arterial	10-20% above speed limit	7.8%	5.9%	5.3%	5.4%

50 km/h	All	All	10-20% above speed limit	2.5%	1.7%	1.5%	1.5%
50 km/h	All	Local	10-20% above speed limit	2.5%	1.7%	1.5%	1.5%
50 km/h	Urban	All	10-20% above speed limit	2.5%	1.7%	1.5%	1.5%
50 km/h	Urban	Local	10-20% above speed limit	2.5%	1.7%	1.5%	1.5%
50 km/h	Regional	All	10-20% above speed limit	4.4%	3.8%	3.7%	3.3%
50 km/h	Regional	Local	10-20% above speed limit	4.4%	3.8%	3.7%	3.3%
60 km/h	All	All	10-20% above speed limit	5.4%	4.4%	3.7%	3.6%
60 km/h	All	Local	10-20% above speed limit	4.4%	3.8%	3.5%	3.5%
60 km/h	All	Arterial	10-20% above speed limit	5.9%	4.7%	3.7%	3.7%
60 km/h	Urban	All	10-20% above speed limit	5.4%	4.4%	3.6%	3.6%
60 km/h	Urban	Local	10-20% above speed limit	4.4%	3.8%	3.5%	3.5%
60 km/h	Urban	Arterial	10-20% above speed limit	5.8%	4.7%	3.7%	3.6%
60 km/h	Regional	All	10-20% above speed limit	7.8%	5.9%	5.5%	6.0%
60 km/h	Regional	Local	10-20% above speed limit	6.8%	5.6%	6.2%	6.1%
60 km/h	Regional	Arterial	10-20% above speed limit	7.8%	5.9%	5.5%	6.0%
80 km/h	All	All	10-20% above speed limit	14.7%	14.1%	12.0%	11.6%
80 km/h	All	Local	10-20% above speed limit	7.8%	5.6%	5.2%	5.0%
80 km/h	All	Arterial	10-20% above speed limit	15.4%	14.9%	12.7%	12.3%
80 km/h	Urban	All	10-20% above speed limit	14.6%	13.9%	11.7%	11.2%
80 km/h	Urban	Local	10-20% above speed limit	7.8%	5.6%	5.1%	5.0%
80 km/h	Urban	Arterial	10-20% above speed limit	15.2%	14.8%	12.4%	11.9%
80 km/h	Regional	All	10-20% above speed limit	17.7%	17.5%	17.0%	18.3%
80 km/h	Regional	Local	10-20% above speed limit	10.9%	7.9%	7.0%	7.4%
80 km/h	Regional	Arterial	10-20% above speed limit	17.8%	17.6%	17.3%	18.6%
100 km/h	All	All	10-20% above speed limit	3.2%	1.3%	0.5%	0.5%
100 km/h	All	Local	10-20% above speed limit	2.9%	0.7%	0.2%	0.2%
100 km/h	All	Arterial	10-20% above speed limit	3.2%	1.3%	0.5%	0.5%
100 km/h	Urban	All	10-20% above speed limit	3.1%	1.2%	0.4%	0.5%
100 km/h	Urban	Local	10-20% above speed limit	3.1%	0.8%	0.2%	0.2%
100 km/h	Urban	Arterial	10-20% above speed limit	3.1%	1.2%	0.4%	0.5%
100 km/h	Regional	All	10-20% above speed limit	5.0%	2.3%	1.5%	1.2%
100 km/h	Regional	Local	10-20% above speed limit	0.5%	0.2%	0.2%	0.2%
100 km/h	Regional	Arterial	10-20% above speed limit	5.1%	2.4%	1.6%	1.2%
110 km/h	All	All	10-20% above speed limit	11.2%	6.3%	3.3%	3.9%
110 km/h	All	Local	10-20% above speed limit			0.0%	
110 km/h	All	Arterial	10-20% above speed limit	11.2%	6.3%	3.3%	3.9%
110 km/h	Urban	All	10-20% above speed limit	11.2%	6.3%	3.3%	3.9%
110 km/h	Urban	Local	10-20% above speed limit			0.0%	
110 km/h	Urban	Arterial	10-20% above speed limit	11.2%	6.3%	3.3%	3.9%
All	All	All	>20% above speed limit	4.7%	2.6%	1.2%	1.2%
All	All	Local	>20% above speed limit	4.6%	2.8%	2.0%	1.9%
All	All	Arterial	>20% above speed limit	4.8%	2.6%	1.0%	1.0%
All	Urban	All	>20% above speed limit	4.6%	2.6%	1.2%	1.2%
All	Urban	Local	>20% above speed limit	4.6%	2.7%	1.9%	1.9%
All	Urban	Arterial	>20% above speed limit	4.6%	2.5%	1.0%	1.0%

All	Regional	All	>20% above speed limit	9.7%	3.4%	1.5%	1.3%
All	Regional	Local	>20% above speed limit	12.6%	10.0%	8.9%	8.9%
All	Regional	Arterial	>20% above speed limit	9.7%	3.2%	1.2%	1.0%
50 km/h	All	All	>20% above speed limit	2.4%	1.8%	1.5%	1.6%
50 km/h	All	Local	>20% above speed limit	2.4%	1.8%	1.5%	1.6%
50 km/h	Urban	All	>20% above speed limit	2.4%	1.7%	1.5%	1.6%
50 km/h	Urban	Local	>20% above speed limit	2.4%	1.7%	1.5%	1.6%
50 km/h	Regional	All	>20% above speed limit	6.2%	4.9%	5.7%	5.1%
50 km/h	Regional	Local	>20% above speed limit	6.2%	4.9%	5.7%	5.1%
60 km/h	All	All	>20% above speed limit	3.7%	2.3%	1.5%	1.5%
60 km/h	All	Local	>20% above speed limit	3.8%	2.2%	1.5%	1.4%
60 km/h	All	Arterial	>20% above speed limit	3.7%	2.4%	1.5%	1.5%
60 km/h	Urban	All	>20% above speed limit	3.7%	2.3%	1.5%	1.5%
60 km/h	Urban	Local	>20% above speed limit	3.7%	2.1%	1.4%	1.4%
60 km/h	Urban	Arterial	>20% above speed limit	3.7%	2.4%	1.5%	1.5%
60 km/h	Regional	All	>20% above speed limit	7.7%	4.3%	4.0%	3.8%
60 km/h	Regional	Local	>20% above speed limit	34.0%	33.1%	29.5%	28.2%
60 km/h	Regional	Arterial	>20% above speed limit	6.5%	2.8%	2.4%	2.3%
80 km/h	All	All	>20% above speed limit	14.4%	9.3%	3.2%	3.3%
80 km/h	All	Local	>20% above speed limit	6.0%	1.8%	0.9%	0.8%
80 km/h	All	Arterial	>20% above speed limit	15.1%	10.1%	3.5%	3.6%
80 km/h	Urban	All	>20% above speed limit	14.5%	9.6%	3.2%	3.4%
80 km/h	Urban	Local	>20% above speed limit	5.9%	1.8%	0.8%	0.8%
80 km/h	Urban	Arterial	>20% above speed limit	15.3%	10.3%	3.5%	3.7%
80 km/h	Regional	All	>20% above speed limit	12.6%	5.2%	2.9%	2.3%
80 km/h	Regional	Local	>20% above speed limit	9.6%	3.8%	3.4%	3.8%
80 km/h	Regional	Arterial	>20% above speed limit	12.7%	5.2%	2.8%	2.2%
100 km/h	All	All	>20% above speed limit	3.6%	1.1%	0.1%	0.1%
100 km/h	All	Local	>20% above speed limit	2.7%	0.6%	0.1%	0.1%
100 km/h	All	Arterial	>20% above speed limit	3.6%	1.1%	0.1%	0.1%
100 km/h	Urban	All	>20% above speed limit	3.3%	1.0%	0.1%	0.1%
100 km/h	Urban	Local	>20% above speed limit	2.9%	0.7%	0.1%	0.1%
100 km/h	Urban	Arterial	>20% above speed limit	3.3%	1.0%	0.1%	0.1%
100 km/h	Regional	All	>20% above speed limit	10.2%	2.7%	0.4%	0.3%
100 km/h	Regional	Local	>20% above speed limit	0.5%	0.1%	0.1%	0.1%
100 km/h	Regional	Arterial	>20% above speed limit	10.2%	2.8%	0.4%	0.3%
110 km/h	All	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	All	Local	>20% above speed limit			0.0%	
110 km/h	All	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	All	>20% above speed limit	0.0%	0.0%	0.0%	0.0%
110 km/h	Urban	Local	>20% above speed limit			0.0%	
110 km/h	Urban	Arterial	>20% above speed limit	0.0%	0.0%	0.0%	0.0%

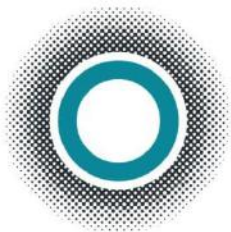
Table A5.8: Count-weighted average speed when speeding, urban, regional and all areas, local, arterial and all roads, Brisbane, 2016 to 2019

Speed limit	Area	Road type	Type	2016	2017	2018	2019
50 km/h	All	All	All speeding	57.0	56.5	56.5	57.1
50 km/h	All	Local	All speeding	57.0	56.5	56.5	57.1
50 km/h	Urban	All	All speeding	57.0	56.5	56.5	57.1
50 km/h	Urban	Local	All speeding	57.0	56.5	56.5	57.1
50 km/h	Regional	All	All speeding	57.5	56.9	57.8	57.7
50 km/h	Regional	Local	All speeding	57.5	56.9	57.8	57.7
60 km/h	All	All	All speeding	67.8	66.9	66.1	66.3
60 km/h	All	Local	All speeding	68.3	66.9	66.1	66.2
60 km/h	All	Arterial	All speeding	67.7	66.9	66.2	66.4
60 km/h	Urban	All	All speeding	67.8	66.9	66.1	66.3
60 km/h	Urban	Local	All speeding	68.3	66.8	66.0	66.2
60 km/h	Urban	Arterial	All speeding	67.7	66.9	66.2	66.4
60 km/h	Regional	All	All speeding	68.6	67.5	67.2	66.8
60 km/h	Regional	Local	All speeding	79.7	81.1	79.8	79.5
60 km/h	Regional	Arterial	All speeding	67.7	66.1	65.7	65.5
80 km/h	All	All	All speeding	94.3	91.4	88.5	88.5
80 km/h	All	Local	All speeding	90.0	86.8	85.9	85.8
80 km/h	All	Arterial	All speeding	94.5	91.6	88.6	88.7
80 km/h	Urban	All	All speeding	94.4	91.5	88.5	88.6
80 km/h	Urban	Local	All speeding	90.0	86.8	85.9	85.8
80 km/h	Urban	Arterial	All speeding	94.7	91.8	88.7	88.8
80 km/h	Regional	All	All speeding	91.6	88.5	87.7	87.2
80 km/h	Regional	Local	All speeding	92.6	89.0	88.5	88.7
80 km/h	Regional	Arterial	All speeding	91.6	88.5	87.7	87.2
100 km/h	All	All	All speeding	112.4	107.9	105.2	105.6
100 km/h	All	Local	All speeding	111.2	107.6	104.4	104.3
100 km/h	All	Arterial	All speeding	112.4	107.9	105.2	105.6
100 km/h	Urban	All	All speeding	112.5	108.0	105.3	105.6
100 km/h	Urban	Local	All speeding	111.2	108.1	104.6	104.4
100 km/h	Urban	Arterial	All speeding	112.5	108.0	105.3	105.6
100 km/h	Regional	All	All speeding	111.5	106.5	104.6	104.3
100 km/h	Regional	Local	All speeding	107.3	103.5	103.5	104.1
100 km/h	Regional	Arterial	All speeding	111.5	106.5	104.6	104.3
110 km/h	All	All	All speeding	121.6	120.1	119.4	119.7
110 km/h	All	Arterial	All speeding	121.6	120.1	119.4	119.7
110 km/h	Urban	All	All speeding	121.6	120.1	119.4	119.7
110 km/h	Urban	Arterial	All speeding	121.6	120.1	119.4	119.7
50 km/h	All	All	<10% above speed limit	53.4	53.0	53.0	53.1
50 km/h	All	Local	<10% above speed limit	53.4	53.0	53.0	53.1
50 km/h	Urban	All	<10% above speed limit	53.4	53.0	53.0	53.1
50 km/h	Urban	Local	<10% above speed limit	53.4	53.0	53.0	53.1

50 km/h	Regional	All	<10% above speed limit	52.7	52.7	52.7	52.7
50 km/h	Regional	Local	<10% above speed limit	52.7	52.7	52.7	52.7
60 km/h	All	All	<10% above speed limit	63.8	63.6	63.6	63.6
60 km/h	All	Local	<10% above speed limit	63.6	63.5	63.5	63.5
60 km/h	All	Arterial	<10% above speed limit	63.9	63.7	63.7	63.7
60 km/h	Urban	All	<10% above speed limit	63.8	63.7	63.6	63.7
60 km/h	Urban	Local	<10% above speed limit	63.6	63.5	63.5	63.5
60 km/h	Urban	Arterial	<10% above speed limit	63.9	63.7	63.7	63.7
60 km/h	Regional	All	<10% above speed limit	63.2	63.1	63.1	63.1
60 km/h	Regional	Local	<10% above speed limit	63.3	63.2	63.2	63.2
60 km/h	Regional	Arterial	<10% above speed limit	63.2	63.1	63.1	63.1
80 km/h	All	All	<10% above speed limit	86.3	85.8	85.7	85.8
80 km/h	All	Local	<10% above speed limit	84.6	84.2	84.2	84.2
80 km/h	All	Arterial	<10% above speed limit	86.4	85.9	85.8	85.9
80 km/h	Urban	All	<10% above speed limit	86.4	85.8	85.7	85.8
80 km/h	Urban	Local	<10% above speed limit	84.6	84.2	84.2	84.2
80 km/h	Urban	Arterial	<10% above speed limit	86.5	86.0	85.8	86.0
80 km/h	Regional	All	<10% above speed limit	84.6	84.5	84.6	84.6
80 km/h	Regional	Local	<10% above speed limit	84.3	84.1	84.1	84.1
80 km/h	Regional	Arterial	<10% above speed limit	84.6	84.5	84.6	84.6
100 km/h	All	All	<10% above speed limit	110.8	107.1	105.0	105.3
100 km/h	All	Local	<10% above speed limit	106.0	104.3	103.6	103.5
100 km/h	All	Arterial	<10% above speed limit	110.8	107.1	105.0	105.3
100 km/h	Urban	All	<10% above speed limit	110.9	107.2	105.1	105.4
100 km/h	Urban	Local	<10% above speed limit	106.0	104.5	103.8	103.6
100 km/h	Urban	Arterial	<10% above speed limit	110.9	107.2	105.1	105.4
100 km/h	Regional	All	<10% above speed limit	105.0	104.2	103.9	103.8
100 km/h	Regional	Local	<10% above speed limit	103.6	102.6	102.8	103.1
100 km/h	Regional	Arterial	<10% above speed limit	105.0	104.2	103.9	103.8
110 km/h	All	All	<10% above speed limit	120.3	119.0	118.7	119.1
110 km/h	All	Arterial	<10% above speed limit	120.3	119.0	118.7	119.1
110 km/h	Urban	All	<10% above speed limit	120.3	119.0	118.7	119.1
110 km/h	Urban	Arterial	<10% above speed limit	120.3	119.0	118.7	119.1
50 km/h	All	All	10-20% above speed limit	58.2	58.0	58.0	58.0
50 km/h	All	Local	10-20% above speed limit	58.2	58.0	58.0	58.0
50 km/h	Urban	All	10-20% above speed limit	58.2	58.0	58.0	58.0
50 km/h	Urban	Local	10-20% above speed limit	58.2	58.0	58.0	58.0
50 km/h	Regional	All	10-20% above speed limit	57.8	57.7	57.7	57.8
50 km/h	Regional	Local	10-20% above speed limit	57.8	57.7	57.7	57.8
60 km/h	All	All	10-20% above speed limit	70.0	69.7	69.5	69.6
60 km/h	All	Local	10-20% above speed limit	69.8	69.5	69.4	69.4
60 km/h	All	Arterial	10-20% above speed limit	70.1	69.8	69.6	69.6
60 km/h	Urban	All	10-20% above speed limit	70.0	69.7	69.5	69.6
60 km/h	Urban	Local	10-20% above speed limit	69.8	69.5	69.4	69.4
60 km/h	Urban	Arterial	10-20% above speed limit	70.1	69.8	69.6	69.7

60 km/h	Regional	All	10-20% above speed limit	69.1	69.0	69.0	69.0
60 km/h	Regional	Local	10-20% above speed limit	69.3	69.3	69.3	69.3
60 km/h	Regional	Arterial	10-20% above speed limit	69.1	69.0	69.0	68.9
80 km/h	All	All	10-20% above speed limit	96.1	94.8	93.6	93.3
80 km/h	All	Local	10-20% above speed limit	92.9	92.1	91.7	91.7
80 km/h	All	Arterial	10-20% above speed limit	96.2	94.9	93.7	93.4
80 km/h	Urban	All	10-20% above speed limit	96.3	94.9	93.7	93.4
80 km/h	Urban	Local	10-20% above speed limit	92.9	92.1	91.7	91.7
80 km/h	Urban	Arterial	10-20% above speed limit	96.4	95.0	93.8	93.5
80 km/h	Regional	All	10-20% above speed limit	92.8	92.4	92.3	92.1
80 km/h	Regional	Local	10-20% above speed limit	92.1	91.8	92.0	92.0
80 km/h	Regional	Arterial	10-20% above speed limit	92.8	92.5	92.3	92.1
100 km/h	All	All	10-20% above speed limit	119.7	118.2	115.1	115.1
100 km/h	All	Local	10-20% above speed limit	117.6	117.0	114.9	114.7
100 km/h	All	Arterial	10-20% above speed limit	119.7	118.2	115.1	115.1
100 km/h	Urban	All	10-20% above speed limit	119.8	118.4	115.1	115.2
100 km/h	Urban	Local	10-20% above speed limit	117.6	117.2	115.2	114.9
100 km/h	Urban	Arterial	10-20% above speed limit	119.9	118.4	115.1	115.2
100 km/h	Regional	All	10-20% above speed limit	118.2	117.1	114.7	114.6
100 km/h	Regional	Local	10-20% above speed limit	114.1	113.9	113.7	113.7
100 km/h	Regional	Arterial	10-20% above speed limit	118.2	117.1	114.7	114.6
110 km/h	All	All	10-20% above speed limit	127.7	126.9	126.1	126.2
110 km/h	All	Arterial	10-20% above speed limit	127.7	126.9	126.1	126.2
110 km/h	Urban	All	10-20% above speed limit	127.7	126.9	126.1	126.2
110 km/h	Urban	Arterial	10-20% above speed limit	127.7	126.9	126.1	126.2
50 km/h	All	All	>20% above speed limit	66.7	66.5	66.8	68.9
50 km/h	All	Local	>20% above speed limit	66.7	66.5	66.8	68.9
50 km/h	Urban	All	>20% above speed limit	66.7	66.5	66.8	69.0
50 km/h	Urban	Local	>20% above speed limit	66.7	66.5	66.8	69.0
50 km/h	Regional	All	>20% above speed limit	66.8	66.9	67.2	67.7
50 km/h	Regional	Local	>20% above speed limit	66.8	66.9	67.2	67.7
60 km/h	All	All	>20% above speed limit	81.7	81.6	80.9	81.9
60 km/h	All	Local	>20% above speed limit	82.4	81.8	80.7	81.8
60 km/h	All	Arterial	>20% above speed limit	81.3	81.4	80.9	82.0
60 km/h	Urban	All	>20% above speed limit	81.7	81.6	80.8	81.9
60 km/h	Urban	Local	>20% above speed limit	82.4	81.7	80.4	81.6
60 km/h	Urban	Arterial	>20% above speed limit	81.3	81.5	81.0	82.1
60 km/h	Regional	All	>20% above speed limit	81.2	82.6	82.5	82.4
60 km/h	Regional	Local	>20% above speed limit	86.5	87.6	87.3	87.1
60 km/h	Regional	Arterial	>20% above speed limit	79.8	79.1	78.2	78.3
80 km/h	All	All	>20% above speed limit	108.2	105.1	102.0	103.3
80 km/h	All	Local	>20% above speed limit	106.4	106.1	102.7	103.7
80 km/h	All	Arterial	>20% above speed limit	108.2	105.1	102.0	103.3
80 km/h	Urban	All	>20% above speed limit	108.1	105.1	102.0	103.3
80 km/h	Urban	Local	>20% above speed limit	106.3	106.2	102.7	103.9

80 km/h	Urban	Arterial	>20% above speed limit	108.2	105.0	102.0	103.3
80 km/h	Regional	All	>20% above speed limit	110.0	107.0	101.7	102.1
80 km/h	Regional	Local	>20% above speed limit	109.7	105.6	102.7	101.7
80 km/h	Regional	Arterial	>20% above speed limit	110.0	107.0	101.7	102.1
100 km/h	All	All	>20% above speed limit	128.3	128.2	126.5	126.7
100 km/h	All	Local	>20% above speed limit	126.5	126.9	127.7	129.2
100 km/h	All	Arterial	>20% above speed limit	128.4	128.2	126.5	126.7
100 km/h	Urban	All	>20% above speed limit	128.3	128.2	126.5	126.6
100 km/h	Urban	Local	>20% above speed limit	126.5	126.9	127.8	128.6
100 km/h	Urban	Arterial	>20% above speed limit	128.3	128.2	126.5	126.6
100 km/h	Regional	All	>20% above speed limit	128.6	128.4	126.1	126.9
100 km/h	Regional	Local	>20% above speed limit	127.1	127.5	126.5	132.3
100 km/h	Regional	Arterial	>20% above speed limit	128.6	128.4	126.1	126.9
110 km/h	All	All	>20% above speed limit	141.1	138.4	139.6	144.5
110 km/h	All	Arterial	>20% above speed limit	141.1	138.4	139.6	144.5
110 km/h	Urban	All	>20% above speed limit	141.1	138.4	139.6	144.5
110 km/h	Urban	Arterial	>20% above speed limit	141.1	138.4	139.6	144.5



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