

# 2018 Summary Road Crash Report

## Queensland Road Fatalities

May 2018

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# 1. Purpose

The purpose of this report is to provide a summary of the characteristics of road fatalities and motor vehicles/controllers involved in fatal crashes during 2018.

# 2. Data

## 2.1 Definition of a road traffic crash

The road traffic crash data presented within this report has been extracted from the Department of Transport and Main Roads' (TMR) RoadCrash database. A road traffic crash, for the purpose of the RoadCrash database and reporting, is a crash reported to the Queensland Police Service (QPS), which resulted from the movement of at least one road vehicle on a public road or road related area and resulted in a person being killed or injured.

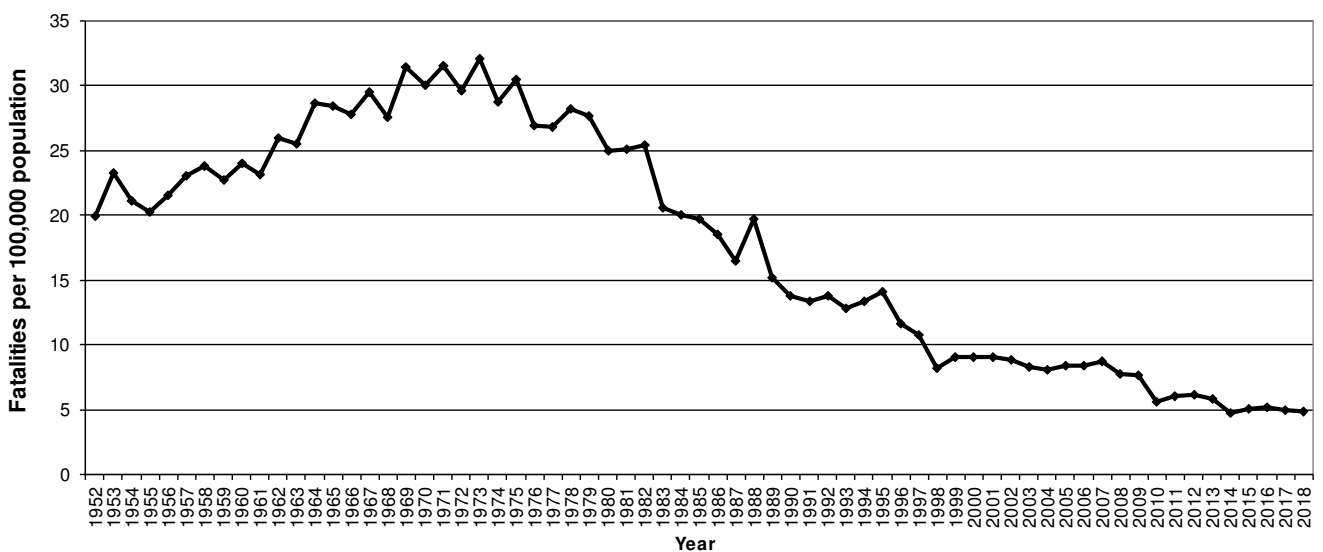
# 3. Queensland road toll for 2018

(Note: Data extracted 21 May 2019)

## 3.1 Long term trend

The Queensland road fatality rate for 2018 was 4.89 fatalities per 100,000 population, which is 2.5% lower than the rate for the previous year of 5.01. This is the second lowest road fatality rate recorded for a calendar year since accurate records began in 1952. The lowest Queensland road fatality rate of 4.72 occurred during 2014 and the third lowest road fatality rate of 5.01 occurred during 2017.

**Figure 1: Fatalities per 100,000 population, Queensland, 1952 to 2018**



## 3.2 Queensland road toll

The Queensland road toll for 2018 was 245 fatalities, which is two fatalities (or 0.8%) fewer than the previous year of 247 fatalities and two fatalities (or 0.8%) fewer than the previous five year average. This is the third lowest road toll since records began in 1952 (n=251) with the lowest being 223 fatalities in 2014.

## 3.3 Major characteristics and relative increases and decreases of the Queensland road toll

### 3.3.1 Major characteristics<sup>^</sup>

The major characteristics of the Queensland road toll during 2018 were:

- involving drivers/riders who disobey road rules – 146 fatalities (or 59.6%)
- alcohol/drug related crashes – 118 fatalities (or 48.2%)
- involving senior adult drivers/riders (aged 60 years or over) – 74 fatalities (or 30.2%)
- involving young adult drivers/riders (aged 16 to 24 years) – 61 fatalities (or 24.9%)
- involving heavy freight vehicles – 53 fatalities (or 21.6%)
- involving speeding drivers/riders – 50 fatalities (or 20.4%).

<sup>^</sup> Please note that for the purposes of this report, major characteristics of fatalities within Queensland have been defined as characteristics representing at least 20% of all fatalities during 2018.

### 3.3.2 Increases<sup>^</sup>

The major relative increases of the Queensland road toll during 2018 compared with 2017 and the 2013 to 2017 average were:

- alcohol/drug related crashes – 118 fatalities (or 48.2%) which is nine (or 8.3%) greater than the previous year and 19 (or 19.7%) greater than the previous five year average
- involving senior adult drivers/riders (aged 60 to 74 years) – 62 fatalities (or 25.3%) which is four (or 6.9%) greater than the previous year and 19 (or 42.9%) greater than the previous five year average
- involving heavy freight vehicles – 53 fatalities (or 21.6%) which is 20 (or 60.6%) greater than the previous year and 10 (or 22.7%) greater than the previous five year average.

<sup>^</sup> Please note that for the purpose of this report, relative increases have been defined as characteristics that represent at least 20% of all fatalities during 2018 and increased when compared with the previous five year average (approximately 20%).

### 3.3.3 Decreases<sup>^</sup>

The major relative decreases of the Queensland road toll during 2018 compared with 2017 and the 2013 to 2017 average were:

- involving drink drivers/riders – 43 fatalities (or 17.6%) which is 20 (or 31.7%) fewer than the previous year and 12 (or 21.2%) fewer than the previous five year average
- involving speeding drivers/riders – 50 fatalities (or 20.4%) which is two (or 3.8%) fewer than the previous year and eight (or 13.8%) fewer than the previous five year average
- involving motorcycles/mopeds – 43 fatalities (or 17.6%) which is eight (or 15.7%) fewer than the previous year and seven (or 14.3%) fewer than the previous five year average.

<sup>^</sup> Please note that for the purpose of this report, relative decreases have been defined as characteristics that represent at least 20% of all fatalities during 2017 and decreased during 2018 when compared with the previous five year average (approximately 15%).

### 3.4 Interstate comparison – fatalities per 100,000 population

The Queensland road fatality rate for 2018 was 4.89 fatalities per 100,000 population, which is 2.5% lower than the 2017 fatality rate (5.01), and is fifth behind the Australian Capital Territory (2.14), Victoria (3.30), New South Wales (4.42) and South Australia (4.61).

**Table 1: Fatalities per 100,000 population by State, 2018 compared with 2017**

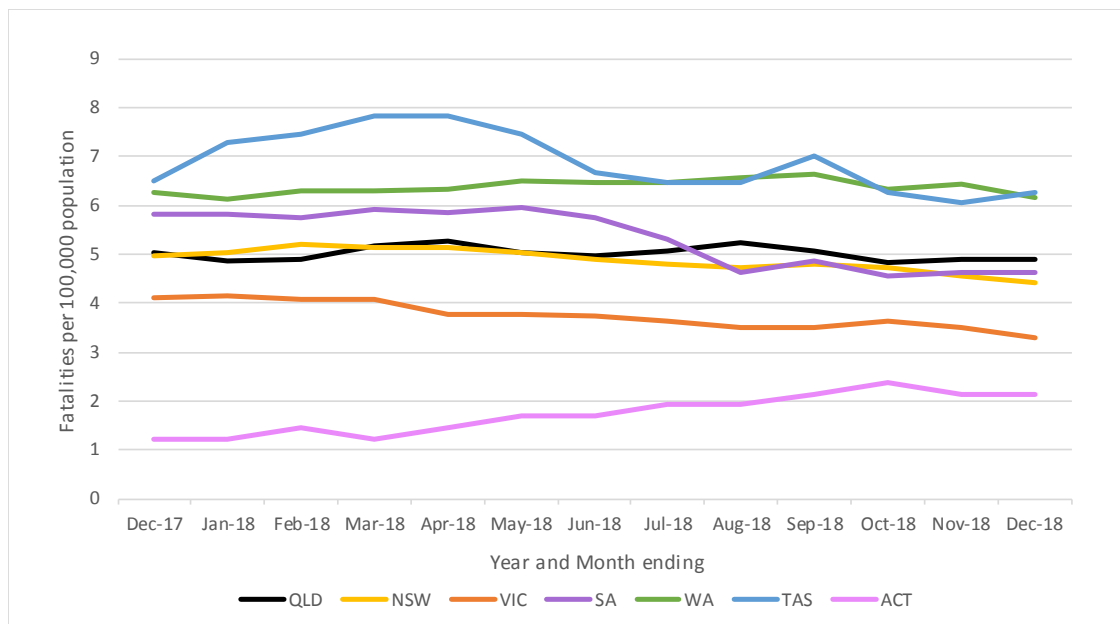
State	2017			2018			Percentage difference in rate with the previous year
	Fatalities	Population	Fatalities	Fatalities	Population	Fatalities	
		('000) as at Jun 2017	per 100,000 population		('000) as at Jun 2018	per 100,000 population	
Queensland	247	4,927.6	5.01	245	5,011.2	4.89	-2.5%
New South Wales	389	7,867.9	4.94	353	7,988.2	4.42	-10.6%
Victoria	259	6,321.6	4.10	213	6,460.7	3.30	-19.5%
South Australia	100	1,723.9	5.80	80	1,736.4	4.61	-20.6%
Western Australia	161	2,574.2	6.25	160	2,595.2	6.17	-1.4%
Tasmania	34	522.4	6.51	33	528.2	6.25	-4.0%
Northern Territory	31	247.5	12.52	50	247.3	20.22	61.4%
Australian Capital Territory	5	412.0	1.21	9	421.0	2.14	76.2%
Rest of Australia	979	19,674.2	4.98	898	19,981.6	4.49	-9.7%
Australian Total	1,226	24,601.9	4.98	1,143	24,992.9	4.57	-8.2%

Data source:

Population: Australian Bureau of Statistics - Catalog 3101.0

Interstate Road Toll: Relevant State Authority

**Figure 2: Fatalities per 100,000 population, by State, 12 months ending December 2018**



## Appendix A

The terms **crash**, **casualty** and **vehicles involved** are used within the Appendix. To assist with the explanation of these terms, the following example has been provided. If two motor vehicles collide, then one road traffic crash has taken place which involved two vehicles/controllers. If there were three people injured in one of the motor vehicles and two people injured in the other motor vehicle, then this one crash has resulted in five casualties.

### A.1 Fatalities as a result of crashes

A **fatality** is recorded when a person dies within 30 days as a result of injuries sustained in a road traffic crash.

**Table A.1.1: Fatalities by gender and age group, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**

Gender	Age Group	2013 to 2017 Average		2017		2018		2018 v 2017		2018 v 2013 to 2017 Average	
		no.	%	no.	%	no.	%	no.	%	no.	%
Male <sup>^</sup>	0-16	7.4	4.0%	4	2.3%	9	4.9%	5	125.0%	1.6	21.6%
	17-24	33.6	18.3%	33	19.0%	38	20.8%	5	15.2%	4.4	13.1%
	25-59	99.2	54.0%	91	52.3%	95	51.9%	4	4.4%	-4.2	-4.2%
	60-74	22.8	12.4%	24	13.8%	30	16.4%	6	25.0%	7.2	31.6%
	75+	20.6	11.2%	22	12.6%	11	6.0%	-11	-50.0%	-9.6	-46.6%
Female <sup>^</sup>	0-16	3.8	6.1%	2	2.7%	3	4.9%	1	50.0%	-0.8	-21.1%
	17-24	11.2	17.8%	14	19.2%	7	11.5%	-7	-50.0%	-4.2	-37.5%
	25-59	31.0	49.4%	35	47.9%	29	47.5%	-6	-17.1%	-2.0	-6.5%
	60-74	7.8	12.4%	9	12.3%	13	21.3%	4	44.4%	5.2	66.7%
	75+	9.0	14.3%	13	17.8%	9	14.8%	-4	-30.8%	0.0	0.0%
All <sup>*</sup>	0-16	11.8	4.8%	6	2.4%	13	5.3%	7	116.7%	1.2	10.2%
	17-24	44.8	18.1%	47	19.0%	45	18.4%	-2	-4.3%	0.2	0.4%
	25-59	130.2	52.7%	126	51.0%	124	50.6%	-2	-1.6%	-6.2	-4.8%
	60-74	30.6	12.4%	33	13.4%	43	17.6%	10	30.3%	12.4	40.5%
	75+	29.6	12.0%	35	14.2%	20	8.2%	-15	-42.9%	-9.6	-32.4%

Note:

<sup>^</sup> Where fatality age and gender were known

<sup>\*</sup> Where fatality age was known. May include fatalities with an unknown gender



**Table A.1.2: Fatalities by road user type, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**

Road User Type	2013 to 2017 Average		2017		2018		2018 v 2017		2018 v 2013 to 2017 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
Driver	112.8	45.7%	101	40.9%	121	49.4%	20	19.8%	8.2	7.3%
Passenger	49.4	20.0%	52	21.1%	41	16.7%	-11	-21.2%	-8.4	-17.0%
Motorcycle/moped rider or pillion	49.6	20.1%	50	20.2%	43	17.6%	-7	-14.0%	-6.6	-13.3%
Bicycle rider or pillion	8.4	3.4%	8	3.2%	5	2.0%	-3	-37.5%	-3.4	-40.5%
Pedestrian	26.6	10.8%	35	14.2%	35	14.3%	0	0.0%	8.4	31.6%
Other <sup>^</sup>	0.2	0.1%	1	0.4%	0	0.0%	-1	-100.0%	-0.2	-100.0%
<b>Total</b>	<b>247.0</b>	<b>100.0%</b>	<b>247</b>	<b>100.0%</b>	<b>245</b>	<b>100.0%</b>	<b>-2</b>	<b>-0.8%</b>	<b>-2.0</b>	<b>-0.8%</b>

Note:

<sup>^</sup> Includes other fatalities such as horse riders and train drivers and passengers.

**Table A.1.3: Fatalities by month, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**

Month	2013 to 2017 Average		2017		2018		2018 v 2017		2018 v 2013 to 2017 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
January	22.8	9.2%	23	9.3%	16	6.5%	-7	-30.4%	-6.8	-29.8%
February	16.0	6.5%	18	7.3%	19	7.8%	1	5.6%	3.0	18.8%
March	18.2	7.4%	14	5.7%	29	11.8%	15	107.1%	10.8	59.3%
April	19.6	7.9%	12	4.9%	16	6.5%	4	33.3%	-3.6	-18.4%
May	24.0	9.7%	24	9.7%	14	5.7%	-10	-41.7%	-10.0	-41.7%
June	20.4	8.3%	27	10.9%	23	9.4%	-4	-14.8%	2.6	12.7%
July	22.4	9.1%	23	9.3%	29	11.8%	6	26.1%	6.6	29.5%
August	20.4	8.3%	17	6.9%	26	10.6%	9	52.9%	5.6	27.5%
September	22.8	9.2%	29	11.7%	20	8.2%	-9	-31.0%	-2.8	-12.3%
October	21.0	8.5%	22	8.9%	11	4.5%	-11	-50.0%	-10.0	-47.6%
November	19.6	7.9%	14	5.7%	18	7.3%	4	28.6%	-1.6	-8.2%
December	19.8	8.0%	24	9.7%	24	9.8%	0	0.0%	4.2	21.2%
<b>Total</b>	<b>247.0</b>	<b>100.0%</b>	<b>247</b>	<b>100.0%</b>	<b>245</b>	<b>100.0%</b>	<b>-2</b>	<b>-0.8%</b>	<b>-2.0</b>	<b>-0.8%</b>

**Table A.1.4: Fatalities by reporting period, Queensland, 2013 to 2018**

Period Type	Period	2013	2014	2015	2016	2017	2018	2014 to 2018
		no.	no.	no.	no.	no.	no.	Daily Fatality Rate no.
Queensland School Holiday	Easter	13	8	17	12	7	9	0.62
	Winter	16	7	11	9	18	17	0.78
	Spring	16	10	16	11	20	7	0.76
	Summer*	29	21	31	39	25	29	0.65
Reporting Period	Easter	4	3	8	0	2	4	0.68
	Christmas*	4	4	7	6	10	13	0.67
Long Weekend	Anzac Day	-	2	-	2	-	-	0.67
	Australia Day	4	2	4	-	-	-	1.00
	Labour Day	2	1	1	2	2	2	0.53
	Queen's Birthday	2	3	3	3	4	2	1.00

Note:

\* This period extends across two calendar years and is therefore listed under the year the period started. For example the 2018-19 Christmas period (December 2018 to January 2019) is listed under 2018.

**Table A.1.5: Road crash reporting periods, Queensland, 2013 to 2018**

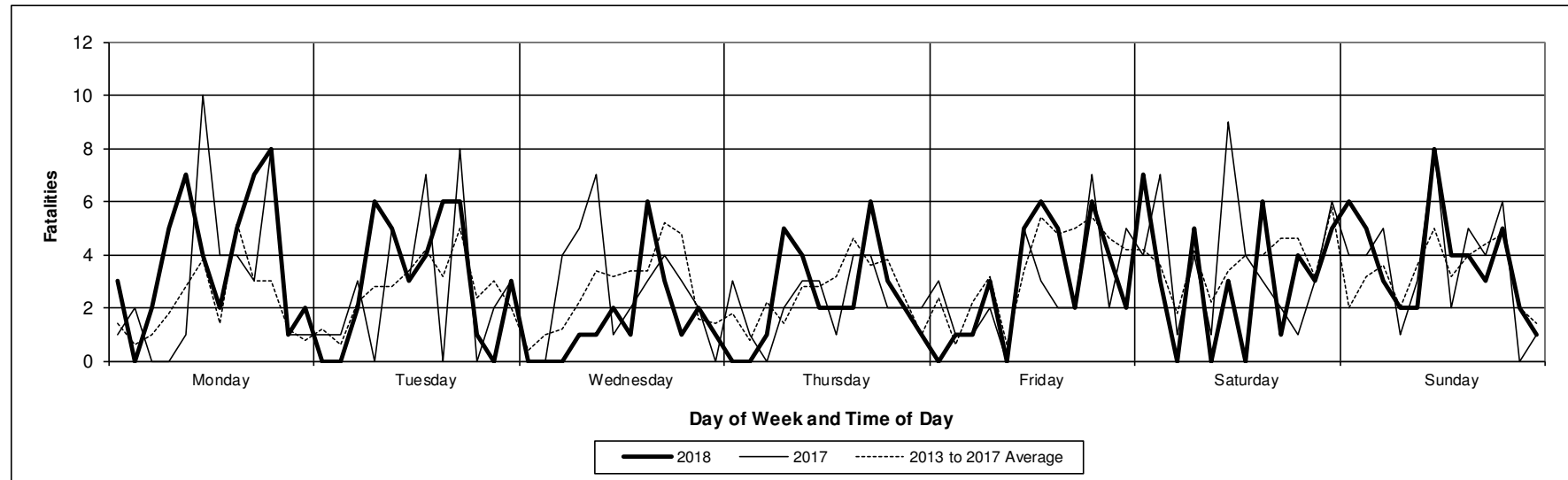
Period Type	Period	2013	2014	2015	2016	2017	2018
Queensland School Holiday	Easter	29 March to 14 April	5 to 21 April	3 to 19 April	25 March to 10 April	1 to 17 April	30 March to 16 April
	Winter	22 June to 7 July	28 June to 13 July	27 June to 12 July	25 June to 10 July	24 June to 9 July	30 June to 15 July
	Spring	21 September to 7 October	20 September to 6 October	19 September to 5 October	17 September to 3 October	16 September to 2 October	22 September to 7 October
	Summer*	14 December 2013 to 27 January 2014	13 December 2014 to 26 January 2015	12 December 2015 to 26 January 2016	10 December 2016 to 22 January 2017	9 December 2017 to 21 January 2018	15 December 2018 to 28 January 2019
Reporting Period	Easter	28 March to 1 April	17 to 21 April	2 to 6 April	24 to 28 March	13 to 17 April	29 March to 2 April
	Christmas*^	23 December 2013 to 3 January 2014	23 December 2014 to 3 January 2015	23 December 2015 to 3 January 2016	23 December 2016 to 3 January 2017	23 December 2017 to 3 January 2018	23 December 2018 to 3 January 2019
Long Weekend	Anzac Day	-	25 to 27 April	-	23 to 25 April	-	-
	Australia Day	26 to 28 January	25 to 27 January	24 to 26 January	-	-	-
	Labour Day	5 to 7 October	4 to 6 October	3 to 5 October	30 April to 2 May	29 April to 1 May	5 to 7 May
	Queen's Birthday	8 to 10 June	7 to 9 June	6 to 8 June	1 to 3 October	30 September to 2 October	29 September to 1 October

Note:

\* This period extends across two calendar years and is therefore listed under the year the period started. For example the 2018-19 Christmas period (December 2018 to January 2019) is listed under 2018.

^ During 2011, ANZPAA, a joint initiative of the Australian and New Zealand Police, along with the Department of Infrastructure and Transport and the New Zealand Ministry of Transport established a fixed Christmas/New Year reporting period (23 December to 3 January).

**Figure A.1.1: Fatalities by day of week and time of day, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**



**Table A.1.6: Fatalities by crash type and crash nature, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**

Crash Type	Crash Nature	2013 to 2017 Average		2017		2018		2018 v 2017		2018 v 2013 to 2017 Average	
		no.	%	no.	%	no.	%	no.	%	no.	%
Single Vehicle	Fall from vehicle	11.8	4.8%	14	5.7%	10	4.1%	-4	-28.6%	-1.8	-15.3%
	Hit object	92.2	37.3%	89	36.0%	95	38.8%	6	6.7%	2.8	3.0%
	Hit parked vehicle	5.2	2.1%	6	2.4%	2	0.8%	-4	-66.7%	-3.2	-61.5%
	Overtaken	18.6	7.5%	16	6.5%	13	5.3%	-3	-18.8%	-5.6	-30.1%
Multi-Vehicle	Angle	32.0	13.0%	37	15.0%	29	11.8%	-8	-21.6%	-3.0	-9.4%
	Head-on	43.2	17.5%	36	14.6%	46	18.8%	10	27.8%	2.8	6.5%
	Rear-end	10.4	4.2%	6	2.4%	12	4.9%	6	100.0%	1.6	15.4%
	Sideswipe	5.6	2.3%	11	4.5%	7	2.9%	-4	-36.4%	1.4	25.0%
Hit Pedestrian	Hit pedestrian	24.0	9.7%	31	12.6%	31	12.7%	0	0.0%	7.0	29.2%
Other	Hit animal	3.0	1.2%	0	0.0%	0	0.0%	0	-	-3.0	-100.0%
	Other*	1.0	0.4%	1	0.4%	0	0.0%	-1	-100.0%	-1.0	-100.0%
<b>Total Fatalities</b>		<b>247.0</b>	<b>100.0%</b>	<b>247</b>	<b>100.0%</b>	<b>245</b>	<b>100.0%</b>	<b>-2</b>	<b>-0.8%</b>	<b>-2.0</b>	<b>-0.8%</b>

Note:

\* Includes miscellaneous crash natures such as struck by internal load, collision crash miscellaneous and non-collision crash miscellaneous.

**Table A.1.7: Fatalities by roadway feature and traffic control, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**

Characteristic	2013 to 2017 Average		2017		2018		2018 v 2017		2018 v 2013 to 2017 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
<b>Roadway Feature</b>										
Cross intersection	16.0	6.5%	19	7.7%	20	8.2%	1	5.3%	4.0	25.0%
T-Junction intersection	25.2	10.2%	29	11.7%	28	11.4%	-1	-3.4%	2.8	11.1%
Y-Junction intersection	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Multiple road intersection	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Interchange	2.2	0.9%	3	1.2%	1	0.4%	-2	-66.7%	-1.2	-54.5%
Roundabout	2.6	1.1%	1	0.4%	2	0.8%	1	100.0%	-0.6	-23.1%
Bridge/causeway	9.8	4.0%	5	2.0%	4	1.6%	-1	-20.0%	-5.8	-59.2%
Railway crossing	0.6	0.2%	0	0.0%	0	0.0%	0	-	-0.6	-100.0%
Median opening	0.2	0.1%	0	0.0%	0	0.0%	0	-	-0.2	-100.0%
Merge lane	0.2	0.1%	1	0.4%	0	0.0%	-1	-100.0%	-0.2	-100.0%
Forestry/National park road	1.0	0.4%	1	0.4%	1	0.4%	0	0.0%	0.0	0.0%
Bikeway	0.4	0.2%	0	0.0%	0	0.0%	0	-	-0.4	-100.0%
Other	5.6	2.3%	9	3.6%	7	2.9%	-2	-22.2%	1.4	25.0%
No roadway feature	183.2	74.2%	179	72.5%	182	74.3%	3	1.7%	-1.2	-0.7%
<b>Traffic Control</b>										
Police	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Road/Rail worker	0.8	0.3%	2	0.8%	0	0.0%	-2	-100.0%	-0.8	-100.0%
Supervised school crossing	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Operating traffic lights	8.8	3.6%	10	4.0%	13	5.3%	3	30.0%	4.2	47.7%
Flashing amber lights	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Railway - lights only	0.2	0.1%	0	0.0%	0	0.0%	0	-	-0.2	-100.0%
Railway - lights and boom gate	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Stop sign	5.4	2.2%	6	2.4%	3	1.2%	-3	-50.0%	-2.4	-44.4%
Give way sign	11.6	4.7%	14	5.7%	15	6.1%	1	7.1%	3.4	29.3%
Railway crossing sign	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Pedestrian crossing sign	0.6	0.2%	2	0.8%	1	0.4%	-1	-50.0%	0.4	66.7%
School crossing - flags	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Pedestrian operated lights	0.0	0.0%	0	0.0%	1	0.4%	1	-	1.0	-
Local area traffic management device	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Other	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
No traffic control	219.6	88.9%	213	86.2%	212	86.5%	-1	-0.5%	-7.6	-3.5%

**Table A.1.8: Fatalities by speed limit, Police region and ABS remoteness classification, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**

Characteristic	2013 to 2017 Average		2017		2018		2018 v 2017		2018 v 2013 to 2017 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
<b>Speed Limit*</b>										
0 to 40 km/h	4.6	1.9%	6	2.4%	2	0.8%	-4	-66.7%	-2.6	-56.5%
50 km/h	19.4	7.9%	28	11.3%	19	7.8%	-9	-32.1%	-0.4	-2.1%
60 km/h	53.4	21.7%	51	20.6%	53	21.6%	2	3.9%	-0.4	-0.7%
70 km/h	12.4	5.0%	19	7.7%	11	4.5%	-8	-42.1%	-1.4	-11.3%
80 to 90 km/h	43.6	17.7%	47	19.0%	40	16.3%	-7	-14.9%	-3.6	-8.3%
100 to 110 km/h	113.0	45.9%	96	38.9%	120	49.0%	24	25.0%	7.0	6.2%
<b>Police Region^</b>										
Brisbane	32.4	13.1%	36	14.6%	30	12.2%	-6	-16.7%	-2.4	-7.4%
Central	77.8	31.5%	76	30.8%	79	32.2%	3	3.9%	1.2	1.5%
Northern	40.2	16.3%	43	17.4%	42	17.1%	-1	-2.3%	1.8	4.5%
South Eastern	30.2	12.2%	38	15.4%	34	13.9%	-4	-10.5%	3.8	12.6%
Southern	66.4	26.9%	54	21.9%	60	24.5%	6	11.1%	-6.4	-9.6%
<b>Remoteness Classification#</b>										
Major Cities	77.0	31.2%	92	37.2%	77	31.4%	-15	-16.3%	0.0	0.0%
Inner Regional	81.6	33.0%	66	26.7%	71	29.0%	5	7.6%	-10.6	-13.0%
Outer Regional	60.8	24.6%	65	26.3%	66	26.9%	1	1.5%	5.2	8.6%
Remote	15.6	6.3%	16	6.5%	16	6.5%	0	0.0%	0.4	2.6%
Very Remote	12.0	4.9%	8	3.2%	15	6.1%	7	87.5%	3.0	25.0%

Note:

\* Where speed limit was known

^ Where Police region was known

# Where remoteness classification was known. These figures were extracted using the Australian Bureau of Statistics (ABS) Australian Standard Geographical Classification (ASGC) Remoteness Classification.

**Table A.1.9: Fatalities by behaviour/characteristic, Queensland, 2018 compared with 2017 and the 2013 to 2017 average**

Behaviour / Characteristic	2013 to 2017 Average		2017		2018		2018 v 2017		2018 v 2013 to 2017 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
All fatalities	247.0	-	247	-	245	-	-2	-0.8%	-2.0	-0.8%
Alcohol/drug related crashes	98.6	39.9%	109	44.1%	118	48.2%	9	8.3%	19.4	19.7%
Involving drink drivers/riders	54.6	22.1%	63	25.5%	43	17.6%	-20	-31.7%	-11.6	-21.2%
Involving speeding drivers/riders	58.0	23.5%	52	21.1%	50	20.4%	-2	-3.8%	-8.0	-13.8%
Fatigue related crashes involving motor vehicles	31.2	12.6%	23	9.3%	32	13.1%	9	39.1%	0.8	2.6%
Involving distracted/inattentive drivers/riders	24.8	10.0%	38	15.4%	28	11.4%	-10	-26.3%	3.2	12.9%
Involving drivers/riders who disobeyed road rules (all)	141.2	57.2%	160	64.8%	146	59.6%	-14	-8.8%	4.8	3.4%
Involving drivers/riders who disobeyed road rules (traffic lights/signs)	5.4	2.2%	4	1.6%	4	1.6%	0	0.0%	-1.4	-25.9%
Involving drivers/riders who disobeyed road rules (fail to giveaway/stop)	14.0	5.7%	19	7.7%	11	4.5%	-8	-42.1%	-3.0	-21.4%
Involving young adult drivers/riders (aged 16 to 24 years)	62.4	25.3%	73	29.6%	61	24.9%	-12	-16.4%	-1.4	-2.2%
Involving senior adult drivers/riders (aged 60 years or over)	64.4	26.1%	78	31.6%	74	30.2%	-4	-5.1%	9.6	14.9%
Involving senior adult drivers/riders (aged 60 to 74 years)	43.4	17.6%	58	23.5%	62	25.3%	4	6.9%	18.6	42.9%
Involving senior adult drivers/riders (aged 75 years or over)	23.4	9.5%	24	9.7%	18	7.3%	-6	-25.0%	-5.4	-23.1%
Involving unlicensed drivers/riders	25.4	10.3%	20	8.1%	26	10.6%	6	30.0%	0.6	2.4%
Involving unregistered motor vehicles	14.6	5.9%	12	4.9%	8	3.3%	-4	-33.3%	-6.6	-45.2%
Involving vehicle defects	8.0	3.2%	6	2.4%	7	2.9%	1	16.7%	-1.0	-12.5%
Involving heavy freight vehicles	43.2	17.5%	33	13.4%	53	21.6%	20	60.6%	9.8	22.7%
Involving motorcycles/mopeds	50.2	20.3%	51	20.6%	43	17.6%	-8	-15.7%	-7.2	-14.3%
Involving motorcycles	49.4	20.0%	50	20.2%	41	16.7%	-9	-18.0%	-8.4	-17.0%
Involving mopeds	0.8	0.3%	1	0.4%	2	0.8%	1	100.0%	1.2	150.0%
Involving buses	4.4	1.8%	10	4.0%	5	2.0%	-5	-50.0%	0.6	13.6%
Involving atmospheric conditions	5.6	2.3%	3	1.2%	2	0.8%	-1	-33.3%	-3.6	-64.3%
Involving rain/wet/slippery conditions	19.6	7.9%	21	8.5%	11	4.5%	-10	-47.6%	-8.6	-43.9%
Involving road conditions	32.2	13.0%	36	14.6%	30	12.2%	-6	-16.7%	-2.2	-6.8%
Involving lighting conditions	16.8	6.8%	24	9.7%	24	9.8%	0	0.0%	7.2	42.9%
Alcohol/drug impaired pedestrian fatalities	10.2	4.1%	11	4.5%	15	6.1%	4	36.4%	4.8	47.1%
All vehicle occupant fatalities, where restraint use was known	118.8	48.1%	125	50.6%	110	44.9%	-15	-12.0%	-8.8	-7.4%
Unrestrained vehicle occupant fatalities, where restraint use was known <sup>^</sup>	31.2	26.3%	32	25.6%	30	27.3%	-2	-6.3%	-1.2	-3.8%

Note:

<sup>^</sup> Unrestrained vehicle occupant fatalities are calculated as a percentage of all vehicle occupant fatalities, where restraint use was known

## A.2 Motor vehicles/controllers involved in fatal crashes

A **motor vehicle** is a unit type grouping that includes the following vehicle (unit) types: car, station wagon, utility, panel van, rigid truck, articulated truck, bus, motorcycle, moped, road train/B-Double/B-Triple and special purpose vehicle. Pedestrians, bicycles, towed devices, wheeled recreational devices (WRD), personal mobility devices (PMD, e.g. Segway) and animals are NOT considered motor vehicles.

A **special purpose vehicle** refers to plant, machinery and equipment (eg grader, excavator, road roller, motorised road sweeper, farm machinery etc) and any other special purpose vehicle such as ambulance, hearse, fire engine, tow truck, mobile crane, truck with machinery mounted, motorised camper, motorised wheelchair, garbage collection vehicle, concrete mixer, mobile home, golf buggy and motorised go-kart. Vehicles must be capable of exceeding 10km/hr.

A **motorcycle** refers to mechanically or electrically propelled two, three or four wheeled bikes including motorcycles with or without side-cars or trailers, motor scooters, trail bikes, mini bikes, and mopeds.

*Please note that some vehicle (unit) types are not reportable individually.*

**Table A.2.1: Motor vehicles involved in fatal crashes by vehicle type, Queensland, 2013 to 2018**

Unit Type	2013	2014	2015	2016	2017	2018
	no.	no.	no.	no.	no.	no.
Light Passenger Vehicle	248	214	212	238	247	239
Motorcycle/Moped	47	37	58	69	51	43
Heavy Freight Vehicle	44	38	44	39	33	50
Bus	5	1	2	3	8	5
Special Purpose Vehicle	7	7	2	1	4	2
All Motor Vehicles	351	297	318	350	343	339

**Table A.2.2: Motor vehicles on register (as at 30 June) by vehicle type, Queensland, 2013 to 2018**

Unit Type	2013	2014	2015	2016	2017	2018
	no.	no.	no.	no.	no.	no.
Light Passenger Vehicle	3,373,885	3,452,689	3,517,413	3,606,062	3,706,478	3,798,495
Motorcycle/Moped	179,005	186,440	192,053	198,468	207,138	211,038
Heavy Freight Vehicle	93,312	94,157	92,892	93,019	94,819	97,678
Bus	21,140	21,241	21,269	21,118	21,364	21,881
Other <sup>^</sup>	131,329	136,227	138,371	141,322	145,928	151,230
All Motor Vehicles	3,798,671	3,890,754	3,961,998	4,059,989	4,175,727	4,280,322

Note:

<sup>^</sup> Includes vehicles types such as conditionally registered vehicles, campervans, motorhomes, mobile machinery and motorised wheelchairs. Dealer plates are not included.

**Table A.2.3: Motor vehicles involved in fatal crashes per 10,000 motor vehicles on register (as at 30 June) by vehicle type, Queensland, 2013 to 2018**

Unit Type	2013	2014	2015	2016	2017	2018
	no.	no.	no.	no.	no.	no.
Light Passenger Vehicle	0.74	0.62	0.60	0.66	0.67	0.63
Motorcycle/Moped	2.63	1.98	3.02	3.48	2.46	2.04
Heavy Freight Vehicle	4.72	4.04	4.74	4.19	3.48	5.12
Bus	2.37	0.47	0.94	1.42	3.74	2.29



**Table A.2.4: Licensed drivers and riders involved in fatal crashes by year, age group and licence type, Queensland, 2013 to 2018**

Age Group	Licence Type	2013	2014	2015	2016	2017	2018
		no.	no.	no.	no.	no.	no.
16 to 24 <sup>^</sup>	Learner (L)	5	2	2	3	6	4
	Provisional (P, P1, P2)	29	18	21	23	24	29
	Open (O)	16	11	15	22	28	17
	All (L, P, P1, P2, O)	50	31	38	48	58	50
25 to 59 <sup>^</sup>	Learner (L)	5	0	1	1	2	3
	Provisional (P, P1, P2)	4	5	6	13	5	9
	Open (O)	180	156	158	176	152	152
	All (L, P, P1, P2, O)	189	161	165	190	159	164
60 to 74 <sup>^</sup>	Learner (L)	0	0	0	0	0	0
	Provisional (P, P1, P2)	0	0	0	0	0	0
	Open (O)	39	32	33	49	51	54
	All (L, P, P1, P2, O)	39	32	33	49	51	54
75 and over <sup>^</sup>	Learner (L)	0	0	0	0	0	0
	Provisional (P, P1, P2)	0	0	0	0	0	0
	Open (O)	19	11	27	22	22	17
	All (L, P, P1, P2, O)	19	11	27	22	22	17
All*	Learner (L)	10	2	3	4	8	7
	Provisional (P, P1, P2)	33	23	27	36	29	38
	Open (O)	254	210	233	269	253	240
	All (L, P, P1, P2, O)	297	235	263	309	290	285

Note:

<sup>^</sup> Where controller age and licence level were known.

\* Where controller licence level was known. May include controllers with an unknown age.

In July 2007 the minimum age for issuing learner licences was lowered from 16 years 6 months to 16 years, and the provisional P1 and provisional P2 licence levels were introduced.

**Table A.2.5: Licences on record (as at 30 June) by year, age group and licence type, Queensland, 2013 to 2018**

Age Group	Licence Type	2013	2014	2015	2016	2017	2018
		no.	no.	no.	no.	no.	no.
16 to 24	Learner (L)	134,139	131,518	131,989	131,455	132,201	140,751
	Provisional (P, P1, P2)	169,270	168,124	165,784	165,703	166,953	167,361
	Open (O)	170,508	172,462	178,053	184,509	188,361	191,427
	All (L, P, P1, P2, O)	473,917	472,104	475,826	481,667	487,515	499,539
25 to 59	Learner (L)	42,115	40,101	40,755	41,689	41,829	43,348
	Provisional (P, P1, P2)	33,273	35,673	34,730	37,246	36,881	35,000
	Open (O)	2,066,905	2,053,650	2,072,545	2,103,567	2,137,373	2,167,381
	All (L, P, P1, P2, O)	2,142,293	2,129,424	2,148,030	2,182,502	2,216,083	2,245,729
60 to 74	Learner (L)	1,149	1,135	1,268	1,467	1,467	1,602
	Provisional (P, P1, P2)	981	1,203	1,245	1,172	1,127	1,071
	Open (O)	587,726	602,029	623,015	645,764	668,196	691,577
	All (L, P, P1, P2, O)	589,856	604,367	625,528	648,403	670,790	694,250
75 and over	Learner (L)	55	53	61	77	73	91
	Provisional (P, P1, P2)	72	84	88	76	73	70
	Open (O)	168,631	178,239	182,637	192,981	206,302	217,964
	All (L, P, P1, P2, O)	168,758	178,376	182,786	193,134	206,448	218,125
All	Learner (L)	177,458	172,807	174,073	174,688	175,570	185,792
	Provisional (P, P1, P2)	203,596	205,084	201,847	204,197	205,034	203,502
	Open (O)	2,993,770	3,006,380	3,056,251	3,126,821	3,200,232	3,268,349
	All (L, P, P1, P2, O)	3,374,824	3,384,271	3,432,171	3,505,706	3,580,836	3,657,643

*Note:*

*In July 2007 the minimum age for issuing learner licences was lowered from 16 years 6 months to 16 years, and the provisional P1 and provisional P2 licence levels were introduced.*

**Table A.2.6: Licensed drivers and riders involved in fatal crashes per 100,000 licences on record (as at 30 June) by year, age group and licence type, Queensland, 2013 to 2018**

Age Group	Licence Type	2013	2014	2015	2016	2017	2018
		no.	no.	no.	no.	no.	no.
16 to 24 <sup>^</sup>	Learner (L)	3.73	1.52	1.52	2.28	4.54	2.84
	Provisional (P, P1, P2)	17.13	10.71	12.67	13.88	14.38	17.33
	Open (O)	9.38	6.38	8.42	11.92	14.87	8.88
	All (L, P, P1, P2, O)	10.55	6.57	7.99	9.97	11.90	10.01
25 to 59 <sup>^</sup>	Learner (L)	11.87	0.00	2.45	2.40	4.78	6.92
	Provisional (P, P1, P2)	12.02	14.02	17.28	34.90	13.56	25.71
	Open (O)	8.71	7.60	7.62	8.37	7.11	7.01
	All (L, P, P1, P2, O)	8.82	7.56	7.68	8.71	7.17	7.30
60 to 74 <sup>^</sup>	Learner (L)	0.00	0.00	0.00	0.00	0.00	0.00
	Provisional (P, P1, P2)	0.00	0.00	0.00	0.00	0.00	0.00
	Open (O)	6.64	5.32	5.30	7.59	7.63	7.81
	All (L, P, P1, P2, O)	6.61	5.29	5.28	7.56	7.60	7.78
75 and over <sup>^</sup>	Learner (L)	0.00	0.00	0.00	0.00	0.00	0.00
	Provisional (P, P1, P2)	0.00	0.00	0.00	0.00	0.00	0.00
	Open (O)	11.27	6.17	14.78	11.40	10.66	7.80
	All (L, P, P1, P2, O)	11.26	6.17	14.77	11.39	10.66	7.79
All*	Learner (L)	5.64	1.16	1.72	2.29	4.56	3.77
	Provisional (P, P1, P2)	16.21	11.21	13.38	17.63	14.14	18.67
	Open (O)	8.48	6.99	7.62	8.60	7.91	7.34
	All (L, P, P1, P2, O)	8.80	6.94	7.66	8.81	8.10	7.79

Note:

<sup>^</sup> Where controller age and licence level were known.

\* Where controller licence level was known. May include controllers with an unknown age.

In July 2007 the minimum age for issuing learner licences was lowered from 16 years 6 months to 16 years, and the provisional P1 and provisional P2 licence levels were introduced.