

# 2020 Summary Road Crash Report

## Queensland Road Fatalities

Updated December 2021

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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 2020.

## 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.

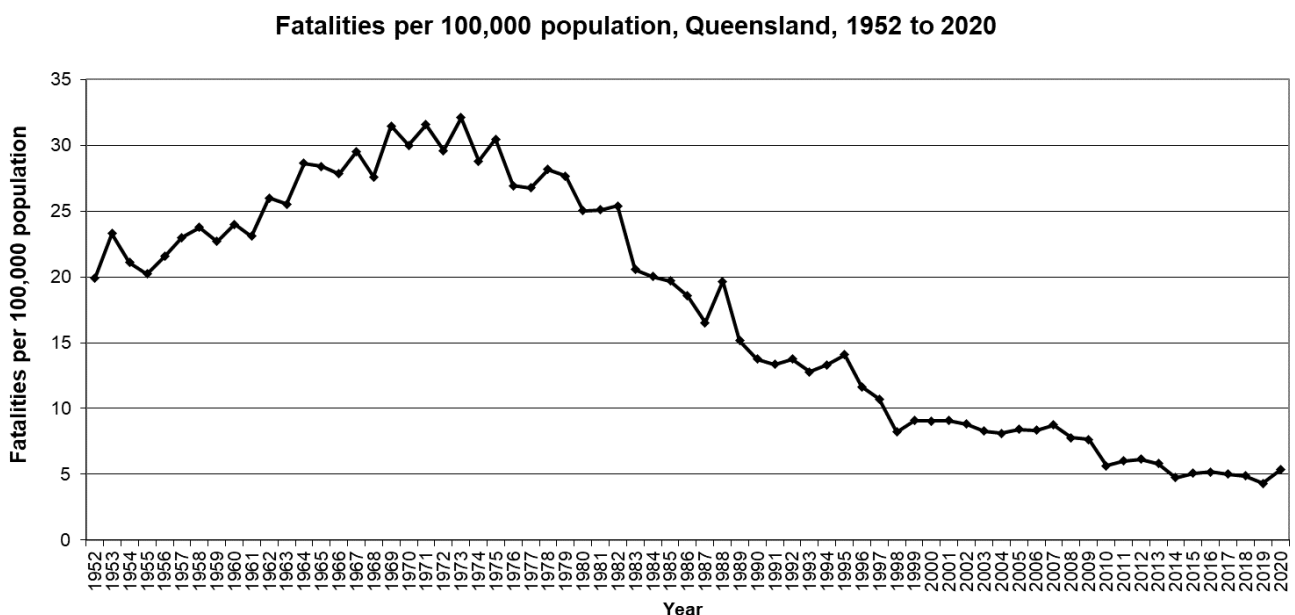
## 3. Queensland road fatalities during 2020

(Note: Data extracted 14 December 2021)

### 3.1 Long term trend

The Queensland road fatality rate for 2020 was 5.37 fatalities per 100,000 population, which is 24.4% greater than the rate for the previous year of 4.32. This represents a significant departure from the consistently lower fatality rates of the previous six calendar years and is the seventh lowest road fatality rate recorded for a calendar year since accurate records began in 1952. The lowest Queensland road fatality rate of 4.32 occurred during 2019 and the second lowest road fatality rate of 4.72 occurred during 2014.

Figure 1: Fatalities per 100,000 population, Queensland, 1952 to 2020



## 3.2 Queensland road fatalities

In 2020 there were 278 road fatalities within Queensland, which is 58 fatalities (or 26.4%) greater than the previous year of 220 fatalities and 37 fatalities (or 15.3%) greater than the previous five year average.

## 3.3 Major characteristics and relative increases and decreases of road fatalities within Queensland

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

The major characteristics of road fatalities in Queensland during 2020 were:

- involving drivers/riders who disobeyed road rules – 172 fatalities (or 61.9%)
- alcohol/drug related crashes – 144 fatalities (or 51.8%)
- involving young adult drivers/riders (aged 16 to 24 years) – 80 fatalities (or 28.8%)
- involving senior adult drivers/riders (aged 60 years or over) – 70 fatalities (or 25.2%)
- unrestrained vehicle occupant fatalities – 43 fatalities (or 30.9%)
- involving speeding drivers/riders – 69 fatalities (or 24.8%)
- Involving drug drivers/riders – 65 fatalities (or 23.4%)
- involving drink drivers/riders – 62 fatalities (or 22.3%).

<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 2020.

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

The major relative increases in the number of road fatalities in Queensland during 2020 compared with 2019 and the 2015 to 2019 average were:

- drivers/riders who disobeyed road rules – 172 fatalities (or 61.9%) which is 46 (or 36.5%) greater than the previous year and 32 (or 22.5%) greater than the previous five year average
- involved in alcohol/drug related crashes – 144 fatalities (or 51.8%) which is 50 (or 53.2%) greater than the previous year and 39 (or 37.4%) greater than the previous five-year average
- involving young adult drivers/riders (aged 16 to 24 years) – 80 fatalities (or 28.8%) which is 11 (or 15.9%) greater than the previous year and 17 (or 26.2%) greater than the previous five-year average
- involving speeding drivers/riders – 69 fatalities (or 24.8%) which is 18 (or 35.3%) greater than the previous year and 13 (or 23.2%) greater than the previous five-year average
- involving drink drivers/riders – 62 fatalities (or 22.3%) which is 16 (or 34.8%) greater than the previous year and 11 (or 21.6%) greater than the previous five-year average
- unrestrained vehicle occupant fatalities – 43 fatalities (or 30.9%) which is 15 (or 53.6%) greater than the previous year and 14 (or 50.3%) 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 2020 and increased when compared with the previous five year average (approximately 15%).

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

The major relative decreases in the number of road fatalities in Queensland during 2020 compared with 2019 and the 2015 to 2019 average were:

- involving distracted/inattentive drivers/riders – 23 fatalities or (8.3%) which is two (or 9.5%) greater than the previous year and six (or 21.8%) 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 9.5% of all fatalities during 2019 and decreased during 2020 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 2020 was 5.37 fatalities per 100,000 population, which is 24.4% greater than the 2019 fatality rate (4.32), and is fifth behind the Australian Capital Territory (1.62), Victoria (3.15), New South Wales (3.48) and South Australia (5.25).

**Table 1: Fatalities per 100,000 population by State, 2020 compared with 2019**

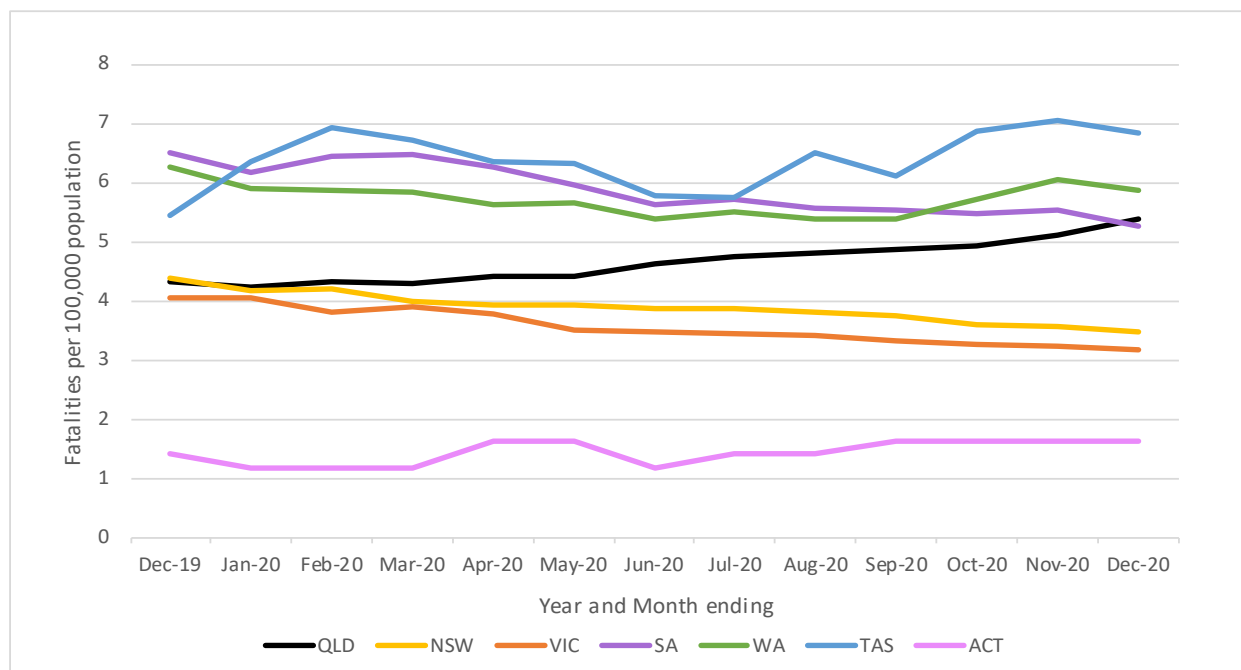
State	2019			2020			Percentage difference in rate with the previous year
	Fatalities	Population	Fatalities	Fatalities	Population	Fatalities	
		('000) as at Jun 2019	per 100,000 population		('000) as at Jun 2020	per 100,000 population	
Queensland	220	5,093.9	4.32	278	5,175.3	5.37	24.4%
New South Wales	353	8,087.4	4.36	284	8,167.1	3.48	-20.3%
Victoria	266	6,596.9	4.03	211	6,693.9	3.15	-21.8%
South Australia	114	1,752.7	6.50	93	1,770.3	5.25	-19.2%
Western Australia	164	2,623.3	6.25	156	2,664.2	5.86	-6.3%
Tasmania	29	534.6	5.42	37	540.5	6.85	26.2%
Northern Territory	35	246.1	14.22	31	246.2	12.59	-11.5%
Australian Capital Territory	6	426.3	1.41	7	431.2	1.62	5.3%
Rest of Australia	967	20,271.9	4.77	819	20,518.1	3.99	-16.3%
Australian Total	1,187	25,365.7	4.68	1,097	25,693.3	4.27	-8.8%

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 2020**



## 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, 2020 compared with 2019 and the 2015 to 2019 average**

Gender	Age Group	2015 to 2019 Average		2019		2020		2020 v 2019		2020 v 2015 to 2019 Average	
		no.	%	no.	%	no.	%	no.	%	no.	%
Male <sup>^</sup>	0-16	6.6	3.6%	8	4.6%	8	4.0%	0	0.0%	1.4	21.2%
	17-24	37.6	20.5%	49	28.0%	32	15.8%	-17	-34.7%	-5.6	-14.9%
	25-59	94.8	51.6%	80	45.7%	119	58.9%	39	48.8%	24.2	25.5%
	60-74	23.2	12.6%	19	10.9%	26	12.9%	7	36.8%	2.8	12.1%
	75+	21.4	11.7%	19	10.9%	17	8.4%	-2	-10.5%	-4.4	-20.6%
Female <sup>^</sup>	0-16	2.8	4.9%	6	13.3%	7	9.2%	1	16.7%	4.2	150.0%
	17-24	8.2	14.3%	4	8.9%	17	22.4%	13	325.0%	8.8	107.3%
	25-59	28.2	49.3%	18	40.0%	29	38.2%	11	61.1%	0.8	2.8%
	60-74	9.2	16.1%	12	26.7%	12	15.8%	0	0.0%	2.8	30.4%
	75+	8.8	15.4%	5	11.1%	11	14.5%	6	120.0%	2.2	25.0%
All <sup>*</sup>	0-16	9.6	4.0%	14	6.4%	15	5.4%	1	7.1%	5.4	56.3%
	17-24	45.8	19.0%	53	24.1%	49	17.6%	-4	-7.5%	3.2	7.0%
	25-59	123.0	51.0%	98	44.5%	148	53.2%	50	51.0%	25.0	20.3%
	60-74	32.4	13.4%	31	14.1%	38	13.7%	7	22.6%	5.6	17.3%
	75+	30.2	12.5%	24	10.9%	28	10.1%	4	16.7%	-2.2	-7.3%

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, 2020 compared with 2019 and the 2015 to 2019 average**

Road User Type	2015 to 2019 Average		2019		2020		2020 v 2019		2020 v 2015 to 2019 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
Driver	111.4	46.2%	113	51.4%	134	48.2%	21	18.6%	22.6	20.3%
Passenger	43.2	17.9%	37	16.8%	49	17.6%	12	32.4%	5.8	13.4%
Motorcycle/moped rider or pillion	50.8	21.1%	45	20.5%	54	19.4%	9	20.0%	3.2	6.3%
Bicycle rider or pillion	6.2	2.6%	6	2.7%	7	2.5%	1	16.7%	0.8	12.9%
Pedestrian	29.2	12.1%	18	8.2%	34	12.2%	16	88.9%	4.8	16.4%
Other^	0.4	0.2%	1	0.5%	0	0.0%	-1	-100.0%	-0.4	-100.0%
<b>Total</b>	<b>241.2</b>	<b>100.0%</b>	<b>220</b>	<b>100.0%</b>	<b>278</b>	<b>100.0%</b>	<b>58</b>	<b>26.4%</b>	<b>36.8</b>	<b>15.3%</b>

Note:

^ Includes other fatalities such as horse riders and train drivers and passengers.

**Table A.1.3: Fatalities by month, Queensland, 2020 compared with 2019 and the 2015 to 2019 average**

Month	2015 to 2019 Average		2019		2020		2020 v 2019		2020 v 2015 to 2019 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
January	19.0	7.9%	15	6.8%	10	3.6%	-5	-33.3%	-9.0	-47.4%
February	14.6	6.1%	10	4.5%	15	5.4%	5	50.0%	0.4	2.7%
March	20.4	8.5%	23	10.5%	23	8.3%	0	0.0%	2.6	12.7%
April	18.4	7.6%	14	6.4%	20	7.2%	6	42.9%	1.6	8.7%
May	20.6	8.5%	22	10.0%	22	7.9%	0	0.0%	1.4	6.8%
June	20.8	8.6%	15	6.8%	27	9.7%	12	80.0%	6.2	29.8%
July	24.6	10.2%	19	8.6%	25	9.0%	6	31.6%	0.4	1.6%
August	20.2	8.4%	23	10.5%	27	9.7%	4	17.4%	6.8	33.7%
September	22.0	9.1%	22	10.0%	25	9.0%	3	13.6%	3.0	13.6%
October	21.0	8.7%	26	11.8%	30	10.8%	4	15.4%	9.0	42.9%
November	18.2	7.5%	15	6.8%	24	8.6%	9	60.0%	5.8	31.9%
December	21.4	8.9%	16	7.3%	30	10.8%	14	87.5%	8.6	40.2%
<b>Total</b>	<b>241.2</b>	<b>100.0%</b>	<b>220</b>	<b>100.0%</b>	<b>278</b>	<b>100.0%</b>	<b>58</b>	<b>26.4%</b>	<b>36.8</b>	<b>15.3%</b>

**Table A.1.4: Fatalities by reporting period, Queensland, 2015 to 2020**

Period Type	Period	2015	2016	2017	2018	2019	2020	2016 to 2020
		no.	no.	no.	no.	no.	no.	Daily Fatality Rate no.
Queensland School Holiday	Easter	17	12	7	9	6	13	0.55
	Winter	11	9	18	17	13	16	0.91
	Spring	16	11	20	7	14	17	0.82
	Summer*	31	39	25	28	14	36	0.63
Reporting Period	Easter	8	0	2	4	4	2	0.48
	Christmas*	7	6	10	13	1	10	0.67
Long Weekend	Anzac Day	-	2	-	-	-	-	0.67
	Australia Day	4	-	-	-	0	0	0.00
	Labour Day	1	2	2	2	1	3	0.67
	Queen's Birthday	3	3	4	2	5	6	1.33

Note:

\* This period extends across two calendar years and is therefore listed under the year the period started. For example the 2020-21 Christmas period (December 2020 to January 2021) is listed under 2020.

**Table A.1.5: Road crash reporting periods, Queensland, 2015 to 2020**

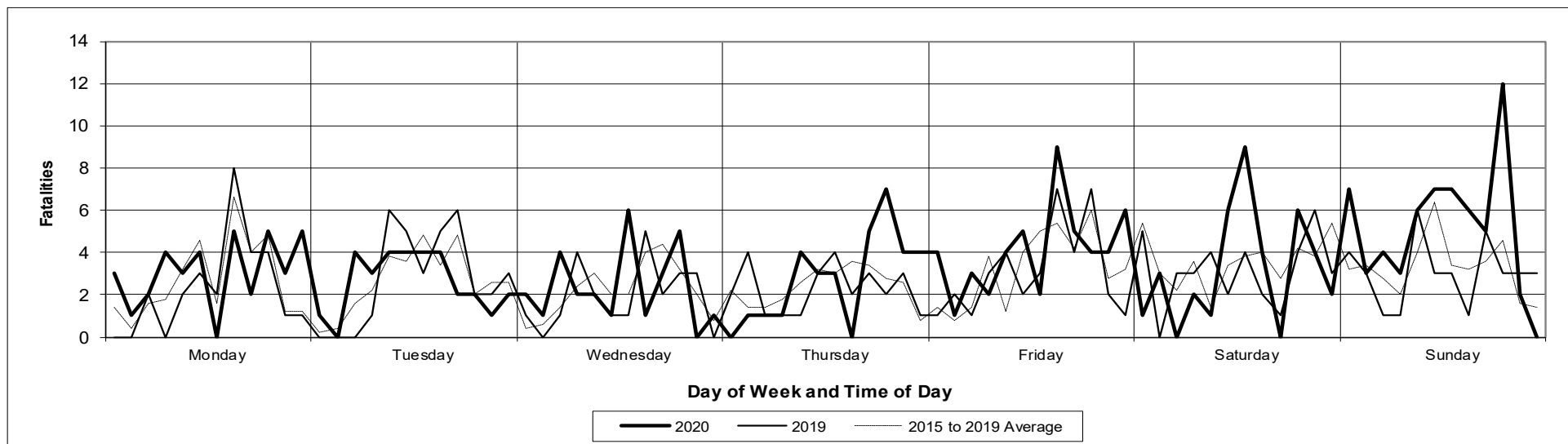
Period Type	Period	2015	2016	2017	2018	2019	2020
Queensland School Holiday	Easter	3 to 19 April	25 March to 10 April	1 to 17 April	30 March to 16 April	6 to 22 April	4 to 19 April
	Winter	27 June to 12 July	25 June to 10 July	24 June to 9 July	30 June to 15 July	29 June to 14 July	27 June to 12 July
	Spring	19 September to 5 October	17 September to 3 October	16 September to 2 October	22 September to 7 October	21 September to 7 October	19 September to 5 October
	Summer*	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	14 December 2019 to 27 January 2020	12 December 2020 to 26 January 2021
Reporting Period	Easter	2 to 6 April	24 to 28 March	13 to 17 April	29 March to 2 April	18 to 22 April	9 to 13 April
	Christmas**	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	23 December 2019 to 3 January 2020	23 December 2020 to 3 January 2021
Long Weekend	Anzac Day	-	23 to 25 April	-	-	-	-
	Australia Day	24 to 26 January	-	-	-	26 to 28 January	25 to 27 January
	Labour Day	3 to 5 October	30 April to 2 May	29 April to 1 May	5 to 7 May	4 to 6 May	2 to 4 May
	Queen's Birthday	6 to 8 June	1 to 3 October	30 September to 2 October	29 September to 1 October	5 to 7 October	3 to 5 October

Note:

\* This period extends across two calendar years and is therefore listed under the year the period started. For example the 2020-21 Christmas period (December 2020 to January 2021) is listed under 2020.

^ 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, 2020 compared with 2019 and the 2015 to 2019 average**



**Table A.1.6: Fatalities by crash type and crash nature, Queensland, 2020 compared with 2019 and the 2015 to 2019 average**

Crash Type	Crash Nature	2015 to 2019 Average		2019		2020		2020 v 2019		2020 v 2015 to 2019 Average	
		no.	%	no.	%	no.	%	no.	%	no.	%
Single Vehicle	Fall from vehicle	12.4	5.1%	15	6.8%	22	7.9%	7	46.7%	9.6	77.4%
	Hit object	93.4	38.7%	83	37.7%	94	33.8%	11	13.3%	0.6	0.6%
	Hit parked vehicle	3.8	1.6%	4	1.8%	2	0.7%	-2	-50.0%	-1.8	-47.4%
	Overtaken	15.0	6.2%	15	6.8%	18	6.5%	3	20.0%	3.0	20.0%
Multi-Vehicle	Angle	31.2	12.9%	25	11.4%	36	12.9%	11	44.0%	4.8	15.4%
	Head-on	40.4	16.7%	39	17.7%	55	19.8%	16	41.0%	14.6	36.1%
	Rear-end	9.8	4.1%	10	4.5%	13	4.7%	3	30.0%	3.2	32.7%
	Sideswipe	7.0	2.9%	9	4.1%	6	2.2%	-3	-33.3%	-1.0	-14.3%
Hit Pedestrian	Hit pedestrian	26.2	10.9%	17	7.7%	30	10.8%	13	76.5%	3.8	14.5%
Other	Hit animal	1.6	0.7%	2	0.9%	2	0.7%	0	0.0%	0.4	25.0%
	Other*	0.4	0.2%	1	0.5%	0	0.0%	-1	-100.0%	-0.4	-100.0%
<b>Total Fatalities</b>		<b>241.2</b>	<b>100.0%</b>	<b>220</b>	<b>100.0%</b>	<b>278</b>	<b>100.0%</b>	<b>58</b>	<b>26.4%</b>	<b>36.8</b>	<b>15.3%</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, 2020 compared with 2019 and the 2015 to 2019 average**

Characteristic	2015 to 2019 Average		2019		2020		2020 v 2019		2020 v 2015 to 2019 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
<b>Roadway Feature</b>										
Cross intersection	17.2	7.1%	16	7.3%	17	6.1%	1	6.3%	-0.2	-1.2%
T-Junction intersection	25.8	10.7%	19	8.6%	23	8.3%	4	21.1%	-2.8	-10.9%
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	2.6	1.1%	4	1.8%	3	1.1%	-1	-25.0%	0.4	15.4%
Roundabout	2.4	1.0%	2	0.9%	5	1.8%	3	150.0%	2.6	108.3%
Bridge/causeway	7.2	3.0%	5	2.3%	10	3.6%	5	100.0%	2.8	38.9%
Railway crossing	0.4	0.2%	1	0.5%	0	0.0%	-1	-100.0%	-0.4	-100.0%
Median opening	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Merge lane	0.6	0.2%	2	0.9%	3	1.1%	1	50.0%	2.4	400.0%
Forestry/National park road	0.6	0.2%	1	0.5%	2	0.7%	1	100.0%	1.4	233.3%
Bikeway	0.2	0.1%	0	0.0%	0	0.0%	0	-	-0.2	-100.0%
Other	7.4	3.1%	6	2.7%	9	3.2%	3	50.0%	1.6	21.6%
No roadway feature	176.8	73.3%	164	74.5%	206	74.1%	42	25.6%	29.2	16.5%
<b>Traffic Control</b>										
Police	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Road/Rail worker	0.4	0.2%	0	0.0%	0	0.0%	0	-	-0.4	-100.0%
Supervised school crossing	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Operating traffic lights	9.4	3.9%	7	3.2%	13	4.7%	6	85.7%	3.6	38.3%
Flashing amber lights	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Railway - lights only	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Railway - lights and boom gate	0.2	0.1%	1	0.5%	0	0.0%	-1	-100.0%	-0.2	-100.0%
Stop sign	3.8	1.6%	4	1.8%	5	1.8%	1	25.0%	1.2	31.6%
Give way sign	14.2	5.9%	10	4.5%	13	4.7%	3	30.0%	-1.2	-8.5%
Railway crossing sign	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Pedestrian crossing sign	1.0	0.4%	1	0.5%	1	0.4%	0	0.0%	0.0	0.0%
School crossing - flags	0.0	0.0%	0	0.0%	0	0.0%	0	-	0.0	-
Pedestrian operated lights	0.2	0.1%	0	0.0%	0	0.0%	0	-	-0.2	-100.0%
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	212.0	87.9%	197	89.5%	246	88.5%	49	24.9%	34.0	16.0%

**Table A.1.8: Fatalities by speed limit, Police region and ABS remoteness classification, Queensland, 2020 compared with 2019 and the 2015 to 2019 average**

Characteristic	2015 to 2019 Average		2019		2020		2020 v 2019		2020 v 2015 to 2019 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
<b>Speed Limit*</b>										
0 to 40 km/h	3.2	1.3%	1	0.5%	2	0.7%	1	100.0%	-1.2	-37.5%
50 km/h	17.6	7.3%	11	5.0%	24	8.6%	13	118.2%	6.4	36.4%
60 km/h	53.8	22.4%	40	18.2%	54	19.4%	14	35.0%	0.2	0.4%
70 km/h	13.0	5.4%	12	5.5%	21	7.6%	9	75.0%	8.0	61.5%
80 to 90 km/h	40.6	16.9%	37	16.8%	61	21.9%	24	64.9%	20.4	50.2%
100 to 110 km/h	112.4	46.7%	119	54.1%	116	41.7%	-3	-2.5%	3.6	3.2%
<b>Police Region^</b>										
Brisbane	29.4	17.9%	25	16.1%	19	9.9%	-6	-24.0%	-10.4	-35.4%
Central	32.0	19.4%	32	20.6%	39	20.4%	7	21.9%	7.0	21.9%
Far Northern	27.0	16.4%	30	19.4%	27	14.1%	-3	-10.0%	0.0	0.0%
North Coast	58.0	35.2%	45	29.0%	76	39.8%	31	68.9%	18.0	31.0%
Northern	18.2	11.1%	23	14.8%	30	15.7%	7	30.4%	11.8	64.8%
South Eastern	28.4	17.3%	16	10.3%	42	22.0%	26	162.5%	13.6	47.9%
Southern	48.2	29.3%	49	31.6%	45	23.6%	-4	-8.2%	-3.2	-6.6%
<b>Remoteness Classification#</b>										
Major Cities	75.4	31.3%	54	24.5%	83	29.9%	29	53.7%	7.6	10.1%
Inner Regional	75.6	31.3%	74	33.6%	87	31.3%	13	17.6%	11.4	15.1%
Outer Regional	63.2	26.2%	60	27.3%	76	27.3%	16	26.7%	12.8	20.3%
Remote	16.6	6.9%	21	9.5%	17	6.1%	-4	-19.0%	0.4	2.4%
Very Remote	10.4	4.3%	11	5.0%	15	5.4%	4	36.4%	4.6	44.2%

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, 2020 compared with 2019 and the 2015 to 2019 average**

Behaviour / Characteristic	2015 to 2019 Average		2019		2020		2020 v 2019		2020 v 2015 to 2019 Average	
	no.	%	no.	%	no.	%	no.	%	no.	%
All fatalities	241.2	-	220	-	278	-	58	26.4%	36.8	15.3%
Alcohol/drug related crashes	104.8	43.4%	94	42.7%	144	51.8%	50	53.2%	39.2	37.4%
Involving drug driving/riding	-	-	43	19.5%	65	23.4%	22	51.2%	-	-
Involving drink drivers/riders	51.0	21.1%	46	20.9%	62	22.3%	16	34.8%	11.0	21.6%
Involving speeding drivers/riders	56.0	23.2%	51	23.2%	69	24.8%	18	35.3%	13.0	23.2%
Fatigue related crashes involving motor vehicles	28.8	11.9%	30	13.6%	34	12.2%	4	13.3%	5.2	18.1%
Involving distracted/inattentive drivers/riders	29.4	12.2%	21	9.5%	23	8.3%	2	9.5%	-6.4	-21.8%
Involving drivers/riders who disobeyed road rules (all)	140.4	58.2%	126	57.3%	172	61.9%	46	36.5%	31.6	22.5%
Involving drivers/riders who disobeyed road rules (traffic lights/signs)	4.0	1.7%	3	1.4%	5	1.8%	2	66.7%	1.0	25.0%
Involving drivers/riders who disobeyed road rules (fail to giveaway/stop)	13.4	5.6%	14	6.4%	14	5.0%	0	0.0%	0.6	4.5%
Involving young adult drivers/riders (aged 16 to 24 years)	63.4	26.3%	69	31.4%	80	28.8%	11	15.9%	16.6	26.2%
Involving senior adult drivers/riders (aged 60 years or over)	70.6	29.3%	67	30.5%	70	25.2%	3	4.5%	-0.6	-0.8%
Involving senior adult drivers/riders (aged 60 to 74 years)	49.8	20.6%	46	20.9%	49	17.6%	3	6.5%	-0.8	-1.6%
Involving senior adult drivers/riders (aged 75 years or over)	24.6	10.2%	24	10.9%	24	8.6%	0	0.0%	-0.6	-2.4%
Involving unlicensed drivers/riders	24.8	10.3%	24	10.9%	37	13.3%	13	54.2%	12.2	49.2%
Involving unregistered motor vehicles	14.6	6.1%	10	4.5%	14	5.0%	4	40.0%	-0.6	-4.1%
Involving vehicle defects	8.4	3.5%	9	4.1%	4	1.4%	-5	-55.6%	-4.4	-52.4%
Involving heavy freight vehicles	42.2	17.5%	36	16.4%	47	16.9%	11	30.6%	4.8	11.4%
Involving motorcycles/mopeds	51.6	21.4%	46	20.9%	55	19.8%	9	19.6%	3.4	6.6%
Involving motorcycles	50.6	21.0%	44	20.0%	55	19.8%	11	25.0%	4.4	8.7%
Involving mopeds	1.0	0.4%	2	0.9%	0	0.0%	-2	-100.0%	-1.0	-100.0%
Involving buses	4.0	1.7%	0	0.0%	3	1.1%	3	-	-1.0	-25.0%
Involving atmospheric conditions	3.6	1.5%	2	0.9%	4	1.4%	2	100.0%	0.4	11.1%
Involving rain/wet/slippery conditions	14.6	6.1%	10	4.5%	21	7.6%	11	110.0%	6.4	43.8%
Involving road conditions	32.0	13.3%	34	15.5%	48	17.3%	14	41.2%	16.0	50.0%
Involving lighting conditions	19.8	8.2%	20	9.1%	39	14.0%	19	95.0%	19.2	97.0%
Alcohol/drug impaired pedestrian fatalities	11.2	4.6%	6	2.7%	15	5.4%	9	150.0%	3.8	33.9%
All vehicle occupant fatalities, where restraint use was known	118.0	48.9%	110	50.0%	139	50.0%	29	26.4%	21.0	17.8%
Unrestrained vehicle occupant fatalities, where restraint use was known <sup>^</sup>	28.6	24.2%	28	25.5%	43	30.9%	15	53.6%	14.4	50.3%

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, 2015 to 2020**

Unit Type	2015	2016	2017	2018	2019	2020
	no.	no.	no.	no.	no.	no.
Light Passenger Vehicle	212	238	247	239	219	279
Motorcycle/Moped	58	69	51	43	46	56
Heavy Freight Vehicle	44	39	33	50	34	43
Bus	2	3	8	5	0	3
Special Purpose Vehicle	2	1	4	3	0	3
All Motor Vehicles	318	350	343	340	299	384

**Table A.2.2: Motor vehicles on register (as at 30 June) by vehicle type, Queensland, 2015 to 2020**

Unit Type	2015	2016	2017	2018	2019	2020
	no.	no.	no.	no.	no.	no.
Light Passenger Vehicle	3,516,383	3,604,990	3,705,399	3,797,369	3,868,274	3,918,042
Motorcycle/Moped	192,053	198,468	207,138	211,038	213,181	217,383
Heavy Freight Vehicle	92,860	93,019	94,819	97,678	99,440	99,939
Bus	21,247	21,094	21,338	21,852	21,848	20,745
Other <sup>^</sup>	139,455	142,418	147,033	152,385	156,619	158,917
All Motor Vehicles	3,961,998	4,059,989	4,175,727	4,280,322	4,359,362	4,415,026

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, 2015 to 2020**

Unit Type	2015	2016	2017	2018	2019	2020
	no.	no.	no.	no.	no.	no.
Light Passenger Vehicle	0.60	0.66	0.67	0.63	0.57	0.71
Motorcycle/Moped	3.02	3.48	2.46	2.04	2.16	2.58
Heavy Freight Vehicle	4.74	4.19	3.48	5.12	3.42	4.30
Bus	0.94	1.42	3.75	2.29	0.00	1.45

**Table A.2.4: Licensed drivers and riders involved in fatal crashes by year, age group and licence type, Queensland, 2015 to 2020**

Age Group	Licence Type	2015	2016	2017	2018	2019	2020
		no.	no.	no.	no.	no.	no.
16 to 24 <sup>^</sup>	Learner (L)	2	3	6	4	4	5
	Provisional (P, P1, P2)	21	23	23	29	32	31
	Open (O)	15	22	28	17	16	24
	All (L, P, P1, P2, O)	38	48	57	50	52	60
25 to 59 <sup>^</sup>	Learner (L)	1	1	2	3	3	3
	Provisional (P, P1, P2)	6	13	5	9	5	2
	Open (O)	158	176	153	153	135	188
	All (L, P, P1, P2, O)	165	190	160	165	143	193
60 to 74 <sup>^</sup>	Learner (L)	0	0	0	0	0	1
	Provisional (P, P1, P2)	0	0	0	0	0	0
	Open (O)	33	49	51	54	44	45
	All (L, P, P1, P2, O)	33	49	51	54	44	46
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)	27	22	22	17	21	22
	All (L, P, P1, P2, O)	27	22	22	17	21	22
All*	Learner (L)	3	4	8	7	7	9
	Provisional (P, P1, P2)	27	36	28	38	37	33
	Open (O)	233	269	254	241	216	279
	All (L, P, P1, P2, O)	263	309	290	286	260	321

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, 2015 to 2020**

Age Group	Licence Type	2015	2016	2017	2018	2019	2020
		no.	no.	no.	no.	no.	no.
16 to 24	Learner (L)	131,989	131,455	132,201	140,751	135,468	148,364
	Provisional (P, P1, P2)	165,784	165,703	166,953	167,361	166,455	159,853
	Open (O)	178,053	184,509	188,361	191,427	193,980	196,519
	All (L, P, P1, P2, O)	475,826	481,667	487,515	499,539	495,903	504,736
25 to 59	Learner (L)	40,755	41,689	41,829	43,348	44,667	50,786
	Provisional (P, P1, P2)	34,730	37,246	36,881	35,000	35,375	34,712
	Open (O)	2,072,545	2,103,567	2,137,373	2,167,381	2,194,732	2,232,287
	All (L, P, P1, P2, O)	2,148,030	2,182,502	2,216,083	2,245,729	2,274,774	2,317,785
60 to 74	Learner (L)	1,268	1,467	1,467	1,602	1,792	1,861
	Provisional (P, P1, P2)	1,245	1,172	1,127	1,071	1,132	1,017
	Open (O)	623,015	645,764	668,196	691,577	712,981	734,032
	All (L, P, P1, P2, O)	625,528	648,403	670,790	694,250	715,905	736,910
75 and over	Learner (L)	61	77	73	91	100	95
	Provisional (P, P1, P2)	88	76	73	70	75	62
	Open (O)	182,638	192,981	206,302	217,964	233,009	246,809
	All (L, P, P1, P2, O)	182,787	193,134	206,448	218,125	233,184	246,966
All	Learner (L)	174,073	174,688	175,570	185,792	182,027	201,106
	Provisional (P, P1, P2)	201,847	204,197	205,034	203,502	203,037	195,644
	Open (O)	3,056,251	3,126,821	3,200,232	3,268,349	3,334,702	3,409,647
	All (L, P, P1, P2, O)	3,432,171	3,505,706	3,580,836	3,657,643	3,719,766	3,806,397

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, 2015 to 2020**

Age Group	Licence Type	2015	2016	2017	2018	2019	2020
		no.	no.	no.	no.	no.	no.
16 to 24 <sup>^</sup>	Learner (L)	1.52	2.28	4.54	2.84	2.95	3.37
	Provisional (P, P1, P2)	12.67	13.88	13.78	17.33	19.22	19.39
	Open (O)	8.42	11.92	14.87	8.88	8.25	12.21
	All (L, P, P1, P2, O)	7.99	9.97	11.69	10.01	10.49	11.89
25 to 59 <sup>^</sup>	Learner (L)	2.45	2.40	4.78	6.92	6.72	5.91
	Provisional (P, P1, P2)	17.28	34.90	13.56	25.71	14.13	5.76
	Open (O)	7.62	8.37	7.16	7.06	6.15	8.42
	All (L, P, P1, P2, O)	7.68	8.71	7.22	7.35	6.29	8.33
60 to 74 <sup>^</sup>	Learner (L)	0.00	0.00	0.00	0.00	0.00	53.73
	Provisional (P, P1, P2)	0.00	0.00	0.00	0.00	0.00	0.00
	Open (O)	5.30	7.59	7.63	7.81	6.17	6.13
	All (L, P, P1, P2, O)	5.28	7.56	7.60	7.78	6.15	6.24
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)	14.78	11.40	10.66	7.80	9.01	8.91
	All (L, P, P1, P2, O)	14.77	11.39	10.66	7.79	9.01	8.91
All*	Learner (L)	1.72	2.29	4.56	3.77	3.85	4.48
	Provisional (P, P1, P2)	13.38	17.63	13.66	18.67	18.22	16.87
	Open (O)	7.62	8.60	7.94	7.37	6.48	8.18
	All (L, P, P1, P2, O)	7.66	8.81	8.10	7.82	6.99	8.43

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.