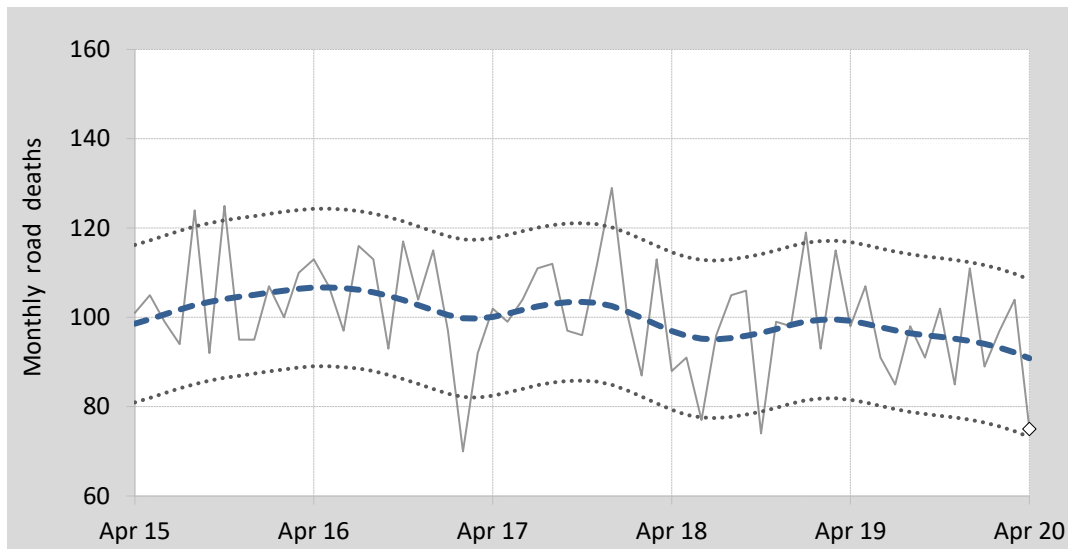




This month's key figures

- There was a total of 75 road deaths during the month of April 2020. The current figure is 25.3 per cent lower than the average for April over the previous five years.
- Comparing the month of April in 2020 with the previous five years, deaths were stable for ages between 26 years and 64 years. Deaths in other ages groups decreased by 58%.
- The same comparison of deaths by road user type shows the greatest reduction occurred in passenger deaths (-58%). Driver deaths (-22%) and motorcyclist deaths (-29%) also declined.

Monthly road deaths—last five years, with trend and error bounds



Note: Shown is a trend and a 90 per cent prediction interval for the monthly observations.

Data Sources

Data are obtained from

- Transport for NSW
- Department of Transport, Victoria
- Department of Transport and Main Roads, Queensland
- Department of Planning, Transport and Infrastructure, SA
- Western Australia Police
- Department of State Growth, Tasmania
- Department of Infrastructure, Planning and Logistics, NT
- Territory and Municipal Services Directorate, ACT
- Australian Bureau of Statistics (3101.0)

Inquiries

For further information about data in this bulletin, contact:

Bureau of Infrastructure, Transport and Regional Economics
 Web : www.bitre.gov.au
 Email : roadsafety@infrastructure.gov.au

Road deaths from recent months are preliminary and subject to revision.

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I. Deaths by jurisdiction

Table I.1 Current month

Current month	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
April 2019	27	24	14	11	15	4	3	0	98
April 2020	24	15	19	7	7	0	1	2	75
Per cent change	-11.1	-37.5	35.7	-36.4	-53.3	-100.0	-66.7	0.0	-23.5

Table I.2 Year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January 2019 - April 2019	134	102	62	41	62	13	10	1	425
January 2020 - April 2020	108	85	68	39	41	15	7	2	365
Per cent change	-19.4	-16.7	9.7	-4.9	-33.9	15.4	-30.0	100.0	-14.1

Table I.3 Year ending April

12 months ended April	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2016	382	259	244	102	165	41	52	14	1,259
2017	354	280	241	82	186	25	43	12	1,223
2018	406	239	260	101	161	38	38	6	1,249
2019	357	250	227	95	161	33	42	6	1,171
2020	329	253	225	112	142	34	33	7	1,135
Latest per cent change	-7.8	1.2	-0.9	17.9	-11.8	3.0	-21.4	16.7	-3.1
Average trend change per year (per cent)	-2.9	-1.6	-2.2	3.4	-4.3	-1.0	-8.9	-18.8	-2.5

2. Deaths by road user, age-group and gender

Table 2.1 By road user

12 months ended April	Driver	Passenger	Pedestrian	Motorcyclist ^b	Pedal ^a cyclist	Total ^b
2016	599	239	159	224	36	1,259
2017	586	210	167	229	25	1,223
2018	578	232	182	208	40	1,249
2019	540	210	176	204	37	1,171
2020	557	188	156	186	45	1,135
Latest per cent change	3.1	-10.5	-11.4	-8.8	21.6	-3.1
Average trend change per year (per cent)	-2.2	-4.7	0.1	-4.8	8.7	-2.5

Table 2.2 By age-group (years)

12 months ended April	0 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^b
2016	60	248	272	388	123	168	1,259
2017	66	252	276	382	95	152	1,223
2018	41	242	246	415	130	174	1,249
2019	54	218	260	373	111	152	1,171
2020	43	230	262	346	101	148	1,135
Latest per cent change	-20.4	5.5	0.8	-7.2	-9.0	-2.6	-3.1
Average trend change per year (per cent)	-8.3	-2.9	-1.3	-2.5	-2.4	-2.5	-2.5

2. Deaths by road user, age-group and gender (continued)

Table 2.3 By gender

12 months ended April	Males	Females	Total ^c
2016	913	346	1,259
2017	905	317	1,223
2018	908	341	1,249
2019	882	288	1,171
2020	867	268	1,135
<i>Latest per cent change</i>	-1.7	-6.9	-3.1
<i>Average trend change per year (per cent)</i>	-1.3	-5.9	-2.5

a Includes pillion passengers.

b Includes deaths to persons with either age or road user type not recorded.

c Includes deaths of persons where gender is not recorded or unspecified.

3. Annual deaths per 100,000 population

Table 3.1 Year ended April

12 months ended April	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2016	4.99	4.27	5.09	5.98	6.48	7.95	21.27	3.52	5.26
2017	4.55	4.50	4.95	4.77	7.26	4.82	17.42	2.95	5.03
2018	5.13	3.75	5.25	5.84	6.24	7.25	15.35	1.45	5.05
2019	4.45	3.84	4.51	5.45	6.18	6.22	17.01	1.42	4.66
2020	4.05	3.81	4.39	6.37	5.39	6.35	13.45	1.63	4.45
<i>Latest per cent change</i>	-9.0	-0.8	-2.5	16.9	-12.8	2.1	-21.0	15.0	-4.5
<i>Average trend change per year (per cent)</i>	-4.3	-3.8	-3.8	2.6	-5.1	-1.9	-9.0	-20.3	-4.0

Table 3.2 Calendar year period

Calendar year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2015	4.60	4.18	5.09	6.00	6.26	6.60	20.03	3.79	5.06
2016	4.91	4.70	5.18	5.02	7.55	7.15	18.32	2.48	5.34
2017	4.94	4.10	5.01	5.80	6.18	5.93	12.52	1.21	4.96
2018	4.35	3.30	4.89	4.61	6.09	6.25	20.24	2.14	4.54
2019	4.39	4.09	4.30	6.51	6.22	5.99	14.64	1.41	4.71
<i>Latest per cent change</i>	0.9	24.2	-12.1	41.2	2.1	-4.1	-27.7	-34.3	3.7

4. Monthly deaths by jurisdiction — last 24 months

— raw
 - - - smoothed
(Whittaker-Henderson)

Figure 4.1 NSW

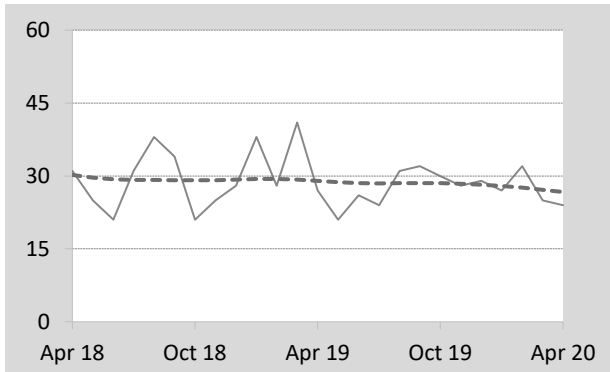


Figure 4.2 Vic

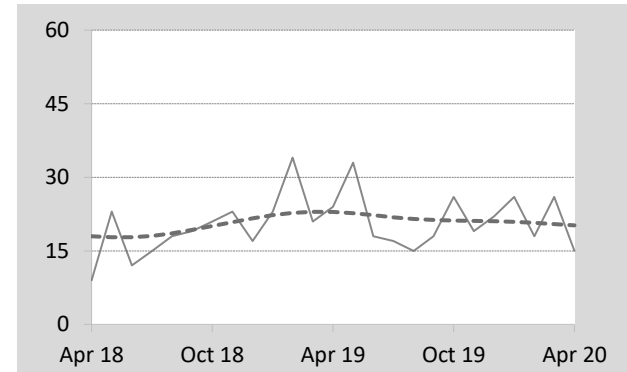


Figure 4.3 Qld

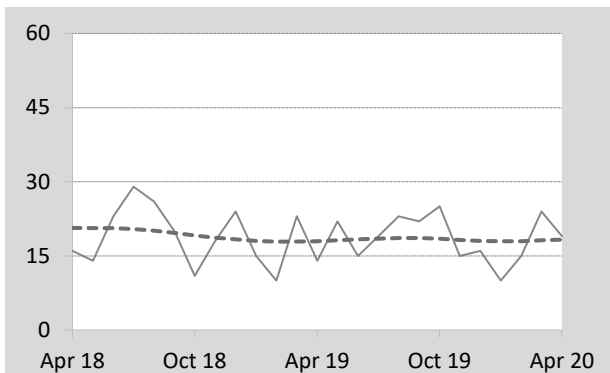


Figure 4.4 SA

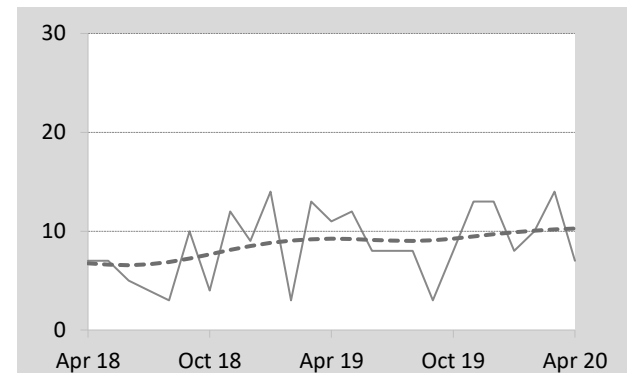


Figure 4.5 WA

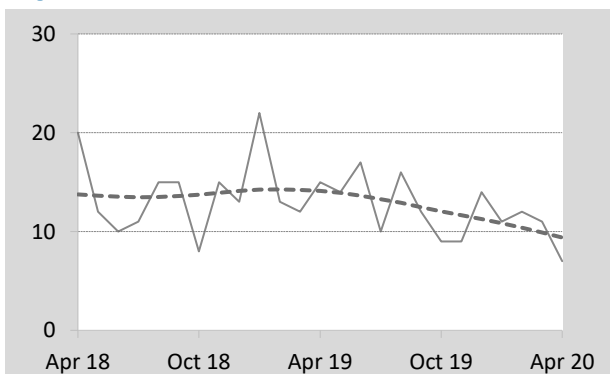


Figure 4.6 Tas

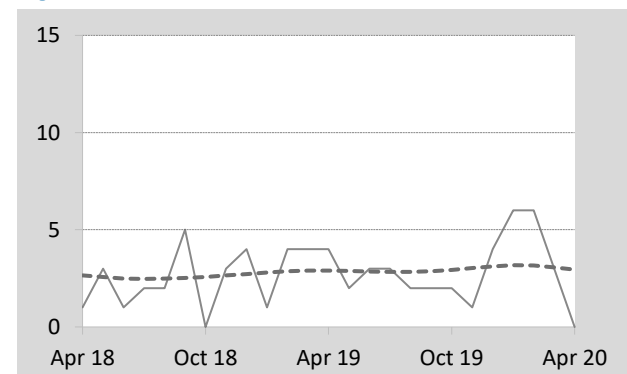


Figure 4.7 NT

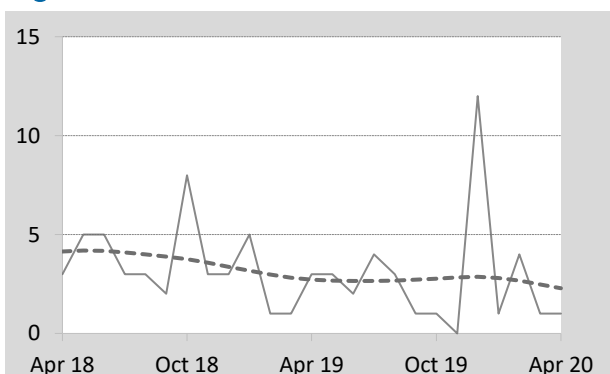
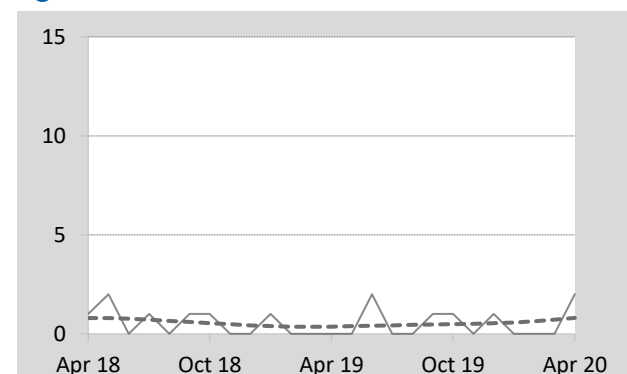


Figure 4.8 ACT



5. Fatal crashes: counts and characteristics

Table 5.1 By Crash type and Posted speed limit

12 months ended April	Crash type ^a			Posted speed limit						Total ^b
	Single	Multiple	Pedestrian	≤ 40	50	60	70 to 90	100	≥ 110	
2016	518	476	158	13	123	224	255	367	160	1,152
2017	505	473	166	22	125	199	284	361	144	1,144
2018	488	479	181	34	160	222	247	331	146	1,148
2019	511	402	174	17	124	191	227	356	164	1,087
2020	481	417	148	18	136	168	228	314	142	1,046
Latest per cent change	-5.9	3.7	-14.9	5.9	9.7	-12.0	0.4	-11.8	-13.4	-3.8
Average trend change per year (per cent)	-1.4	-4.2	-0.8	4.0	1.9	-6.0	-4.4	-3.2	-1.1	-2.4

Table 5.2 By Day of week and Time of day

12 months ended April	Day of week ^c		Time of day ^d	
	Weekday	Weekend	Day	Night
2016	726	426	723	429
2017	698	446	676	468
2018	702	446	729	419
2019	666	421	669	418
2020	658	388	641	405
Latest per cent change	-1.2	-7.8	-4.2	-3.1
Average trend change per year (per cent)	-2.4	-2.4	-2.5	-2.3

a 'Single' and 'Multiple' refer to the number of vehicles involved in a fatal crash where there is no pedestrian killed.

b Includes crashes where speed limit is unknown or not specified.

c 'Weekday' refers to 6am Monday through to 5:59pm Friday.

d 'Day' refers to 6am through to 5:59 pm.

Appendix

Definition

The road safety agencies in each jurisdiction use detailed criteria to define road crashes and road deaths. Briefly, a death is classified as resulting from a road crash if the crash occurred on a public road, is unintentional and the death occurred within 30 days from injuries sustained in the crash.

Population rates

Rates per population are based on the deaths to the current 12-month period, and the population at the midpoint of the period. The population at midpoints is interpolated if necessary.

New ongoing fields in September 2018 database

The *Australian Road Deaths Database* now includes geographic location information for fatal crashes. Back series of data for all jurisdictions is in development.

Average trend change (% per year)

Designed to provide a **one-number summary** of growth rates over recent time periods. Calculated by fitting an exponential curve through the data points, and quoting the constant (annual) change of this curve.

Smooth trend lines

These trend lines are designed to track medium-term trends and turning points in the raw data. Whittaker-Henderson smoothers have been used with value of 80 for the smoothing parameter. The application R (package *pracma*) can be used for such trend lines. Error bounds are 90% (approximately) around the monthly data.

Other sources for the tables in this bulletin

The underlying database used to produce this bulletin — *the Australian Road Deaths Database* is available for data extraction at <http://www.bitre.gov.au/statistics/safety/fatal_road_crash_database.aspx>.

Road deaths from recent months are preliminary and subject to revision.