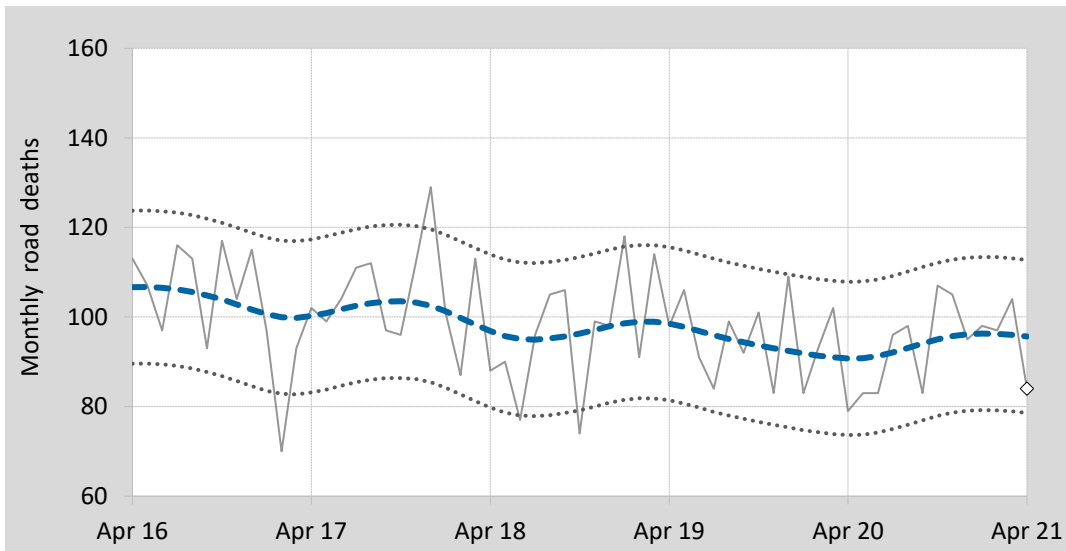




This month's key figures

- There was a total of 84 road deaths during the month of April 2021. The current figure is 12.5 per cent lower than the average for April over the previous five years.
- During the 12 months ended April 2021, there were 1,133 road deaths. This is an increase of 1.0 per cent from the 12-month period ending April 2020.
- Presently, the rate of annual deaths per 100,000 population stands at 4.4. This is a 0.3 per cent increase compared to the rate for the 12-month period ending April 2020.

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 and Transport Research Economics (BITRE)
 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 2020	23	17	20	7	9	0	1	2	79
April 2021	24	16	17	8	12	4	2	1	84
Per cent change	4.3	-5.9	-15.0	14.3	33.3	-	100.0	-50.0	6.3

Table I.2 Year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January 2020 - April 2020	101	84	68	37	43	15	7	2	357
January 2021 - April 2021	97	79	91	40	56	8	7	5	383
Per cent change	-4.0	-6.0	33.8	8.1	30.2	-46.7	0.0	150.0	7.3

Table I.3 Year ending April

12 months ended April	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2017	354	280	241	82	186	26	43	12	1,224
2018	406	239	260	101	161	38	38	6	1,249
2019	358	247	227	95	161	30	42	6	1,166
2020	319	251	225	110	144	33	33	7	1,122
2021	293	206	301	96	167	29	31	10	1,133
Latest per cent change	-8.2	-17.9	33.8	-12.7	16.0	-12.1	-6.1	42.9	1.0
Average trend change per year (per cent)	-6.0	-5.5	3.0	4.1	-3.2	0.8	-7.6	-2.1	-2.6

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
2017	586	211	167	229	25	1,224
2018	578	232	182	208	40	1,249
2019	535	210	177	203	37	1,166
2020	545	187	155	187	45	1,122
2021	559	179	126	229	35	1,133
Latest per cent change	2.6	-4.3	-18.7	22.5	-22.2	1.0
Average trend change per year (per cent)	-1.5	-5.3	-7.0	-1.1	8.2	-2.6

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
2017	67	252	276	382	95	152	1,224
2018	41	242	246	415	130	174	1,249
2019	54	218	261	369	110	151	1,166
2020	42	228	259	340	97	152	1,122
2021	67	215	297	346	84	123	1,133
Latest per cent change	59.5	-5.7	14.7	1.8	-13.4	-19.1	1.0
Average trend change per year (per cent)	0.2	-3.7	2.0	-3.9	-5.2	-5.4	-2.6

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

Table 2.3 By gender

12 months ended April	Males	Females	Total ^c
2017	906	317	1,224
2018	908	341	1,249
2019	877	288	1,166
2020	851	267	1,122
2021	837	294	1,133
<i>Latest per cent change</i>	-1.6	10.1	1.0
<i>Average trend change per year (per cent)</i>	-2.2	-3.9	-2.6

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
2017	4.55	4.50	4.95	4.77	7.26	5.01	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	4.46	3.79	4.51	5.45	6.18	5.65	17.01	1.42	4.64
2020	3.93	3.78	4.39	6.25	5.46	6.15	13.41	1.63	4.40
2021	3.59	3.09	5.80	5.42	6.26	5.36	12.57	2.32	4.41
<i>Latest per cent change</i>	-8.6	-18.3	32.1	-13.3	14.7	-12.9	-6.3	41.9	0.3
<i>Average trend change per year (per cent)</i>	-7.2	-7.2	1.4	3.3	-4.2	-0.3	-7.6	-3.5	-3.9

Table 3.2 Calendar year period

Calendar year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
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	6.13	12.52	1.21	4.97
2018	4.35	3.30	4.89	4.61	6.09	6.06	20.24	2.14	4.54
2019	4.36	4.03	4.30	6.50	6.21	5.42	14.63	1.41	4.68
2020	3.64	3.15	5.37	5.25	5.78	6.66	12.59	1.62	4.31
<i>Latest per cent change</i>	-16.7	-21.9	24.9	-19.2	-7.0	22.7	-13.9	15.3	-7.9

4. Monthly deaths by jurisdiction — last 24 months

— raw
 - - - smoothed
(Whittaker-Henderson)

Figure 4.1 NSW

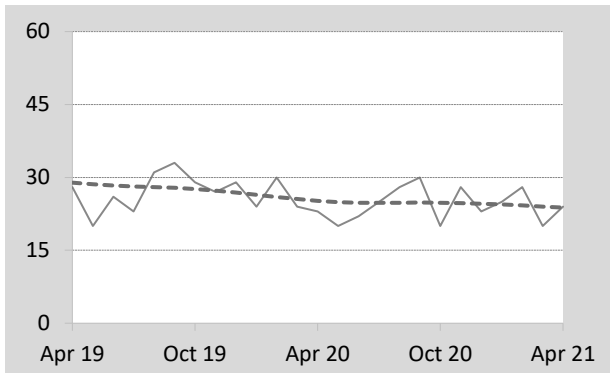


Figure 4.2 Vic

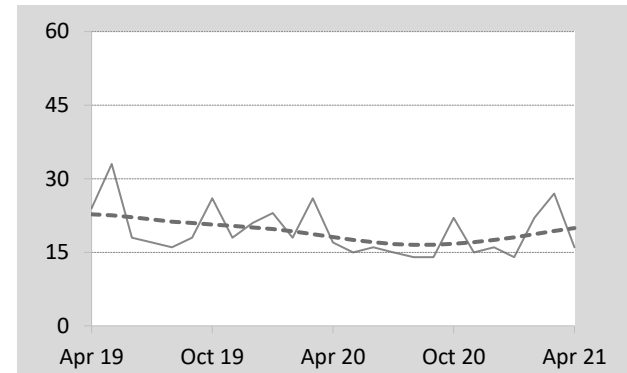


Figure 4.3 Qld

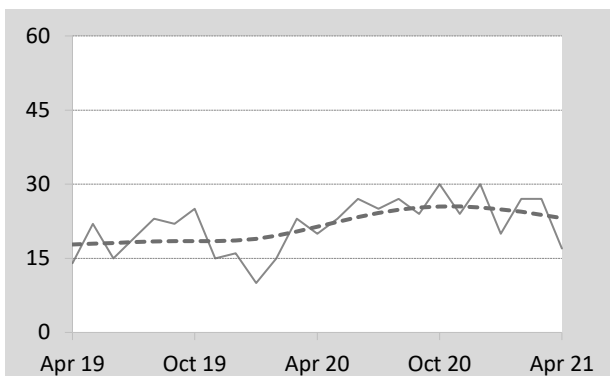


Figure 4.4 SA

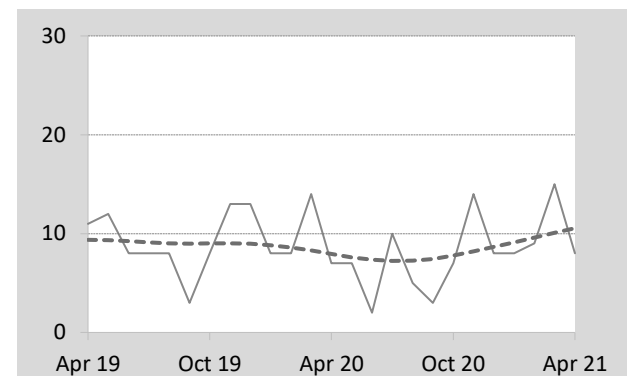


Figure 4.5 WA

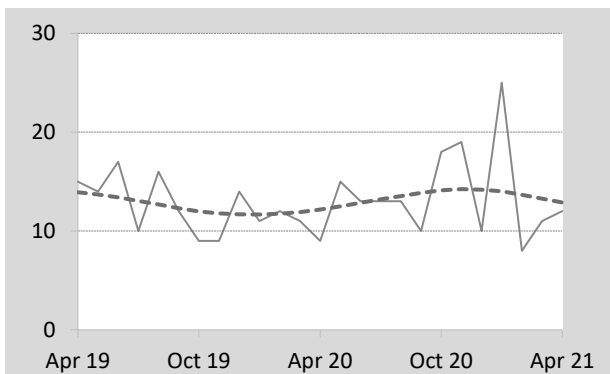


Figure 4.6 Tas

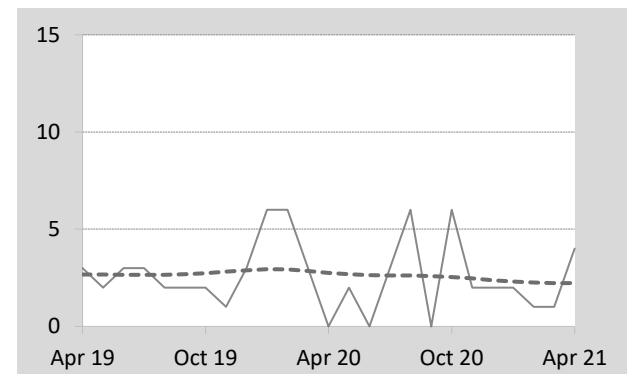


Figure 4.7 NT

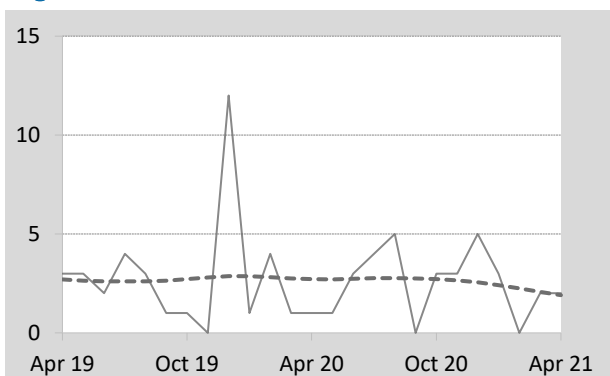
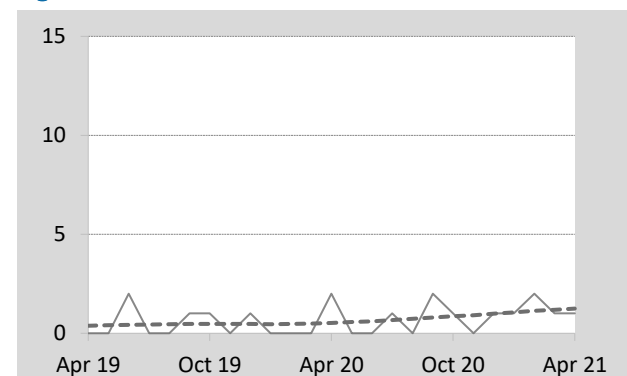


Figure 4.8 ACT



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 (km/h)						Total ^b
	Single	Multiple	≤ 40	50	60	70 to 90	100	≥ 110	
2017	644	501	22	125	200	284	361	144	1,145
2018	642	506	34	160	222	247	331	146	1,148
2019	668	414	16	124	192	224	354	164	1,082
2020	607	427	22	137	172	232	325	140	1,034
2021	593	450	15	119	167	244	335	122	1,043
Latest per cent change	-2.3	5.4	-31.8	-13.1	-2.9	5.2	3.1	-12.9	0.9
Average trend change per year (per cent)	-2.2	-3.8	-11.3	-2.5	-6.0	-3.6	-1.7	-3.7	-2.9

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
2017	699	446	676	469
2018	702	446	729	419
2019	662	420	665	417
2020	651	383	632	402
2021	597	446	632	411
Latest per cent change	-8.3	16.4	0.0	2.2
Average trend change per year (per cent)	-3.8	-1.5	-2.7	-3.0

a 'Single' and 'Multiple' refer to the number of vehicles involved in a fatal crash.

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 April 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.