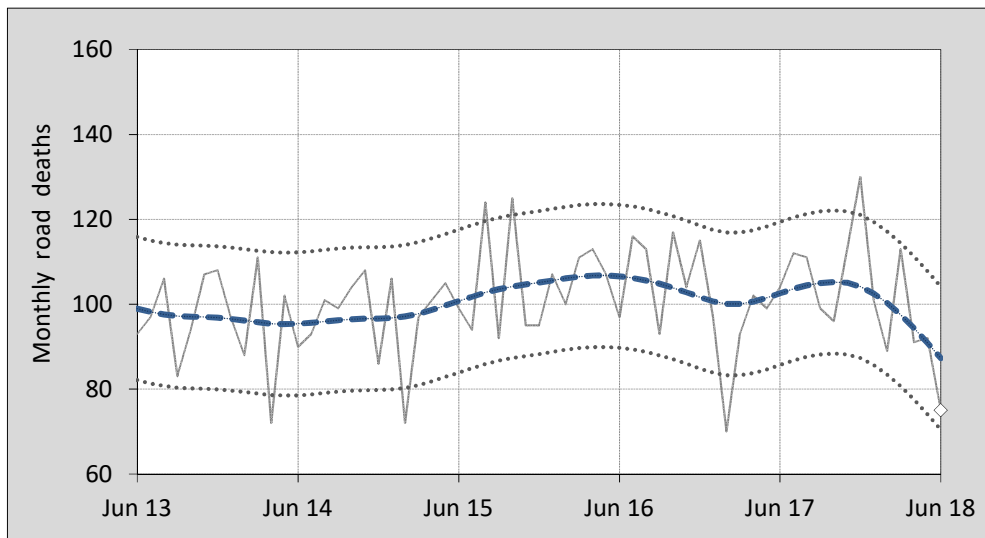




This month's key figures

- There was a total of 75 road deaths during the month of June 2018. The current figure is 22.4 per cent lower than the average for June over previous five years.
- During the 12 months ended June 2018, there were 1,222 road deaths. This is a small decrease on the 12-month period ending June 2017.
- Presently, the rate of annual deaths per 100,000 population stands at 4.9. This is 1.6 per cent decrease compared to the rate for the 12-month period ending June 2017.

Monthly Australian road deaths — last five years, with trend



Data Sources

Data are obtained from

- Transport for NSW
- Vicroads
- Department of Transport and Main Roads, Queensland
- Department of Planning, Transport and Infrastructure, S.A.
- Western Australia Police
- Department of State Growth, Tasmania
- Department of Transport, Northern Territory
- 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
June 2017	31	15	27	9	12	5	5	0	104
June 2018	19	12	23	5	10	1	5	0	75
Per cent change	-38.7	-20.0	-14.8	-44.4	-16.7	-80.0	0.0	-	-27.9

Table I.2 Year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January 2017 - June 2017	175	121	118	39	75	16	17	4	565
January 2018 - June 2018	171	102	118	38	81	17	28	6	561
Per cent change	-2.3	-15.7	0.0	-2.6	8.0	6.3	64.7	50.0	-0.7

Table I.3 Year ending June

12 months ended June	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2014	337	256	229	87	159	37	42	8	1,155
2015	304	254	235	113	180	33	41	11	1,171
2016	387	265	244	97	169	41	44	13	1,260
2017	357	267	251	82	180	31	44	11	1,223
2018	388	239	247	99	165	35	42	7	1,222
Latest per cent change	8.7	-10.5	-1.6	20.7	-8.3	12.9	-4.5	-36.4	-0.1
Average trend change per year (per cent)	4.5	-0.9	2.2	-0.6	0.7	-1.7	0.7	-2.6	1.6

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

Table 2.1 By road user

12 months ended June	Driver	Passenger	Pedestrian	Motorcyclist ^b	Pedal ^b cyclist	Total ^c
2014	532	209	160	194	58	1,155
2015	540	247	152	199	30	1,171
2016	601	225	167	230	35	1,260
2017	570	211	169	242	25	1,223
2018	580	219	177	191	45	1,222
Latest per cent change	1.8	3.8	4.7	-21.1	80.0	-0.1
Average trend change per year (per cent)	2.3	-0.6	3.1	1.7	-6.7	1.6

Table 2.2 By age-group^a (years)

12 months ended June	0 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^c
2014	59	213	249	378	112	144	1,155
2015	75	248	250	342	107	147	1,171
2016	55	224	278	419	116	168	1,260
2017	63	257	272	374	103	154	1,223
2018	37	240	243	399	129	168	1,222
Latest per cent change	-41.3	-6.6	-10.7	6.7	25.2	9.1	-0.1
Average trend change per year (per cent)	-10.5	2.8	0.4	2.0	2.5	3.6	1.6

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

Table 2.3 By gender

12 months ended June	Males	Females	Total ^d
2014	843	311	1,155
2015	822	349	1,171
2016	921	339	1,260
2017	900	322	1,223
2018	900	320	1,222
Latest per cent change	0.0	-0.6	-0.1
Average trend change per year (per cent)	2.2	-0.2	1.6

a Age groups were changed in March 2014.

b Includes pillion passengers.

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

d Includes deaths to persons with gender not recorded.

3. Annual deaths per 100,000 population

Table 3.1 Year ended June

12 months ended June	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2014	4.52	4.39	4.89	5.18	6.35	7.21	17.33	2.07	4.96
2015	4.02	4.26	4.95	6.67	7.12	6.42	16.89	2.81	4.95
2016	5.04	4.35	5.08	5.69	6.63	7.95	18.03	3.26	5.25
2017	4.58	4.28	5.14	4.77	7.02	5.96	17.87	2.70	5.02
2018	4.90	3.74	4.97	5.73	6.38	6.67	17.02	1.68	4.93
Latest per cent change	7.1	-12.5	-3.2	20.0	-9.1	11.9	-4.8	-37.7	-1.6
Average trend change per year (per cent)	3.0	-3.1	0.7	-1.3	0.0	-2.3	0.2	-4.4	0.0

Table 3.2 Calendar year period

Calendar year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2013	4.50	4.21	5.82	5.86	6.51	7.03	15.31	1.83	5.13
2014	4.09	4.21	4.72	6.40	7.27	6.42	16.06	2.57	4.90
2015	4.60	4.18	5.09	6.00	6.30	6.60	20.03	3.79	5.06
2016	4.91	4.70	5.18	5.02	7.55	7.15	18.32	2.73	5.34
2017	4.99	4.08	5.01	5.80	6.17	6.51	12.53	1.21	4.98
Latest per cent change	1.5	-13.1	-3.3	15.5	-18.2	-8.9	-31.6	-55.5	-6.7

4. Monthly deaths by jurisdiction — last 24 months

— raw
 - - - smoothed
 (13-point moving average)

Figure 4.1 NSW

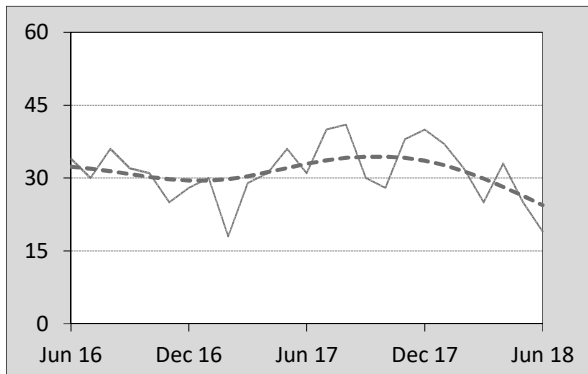


Figure 4.2 Vic

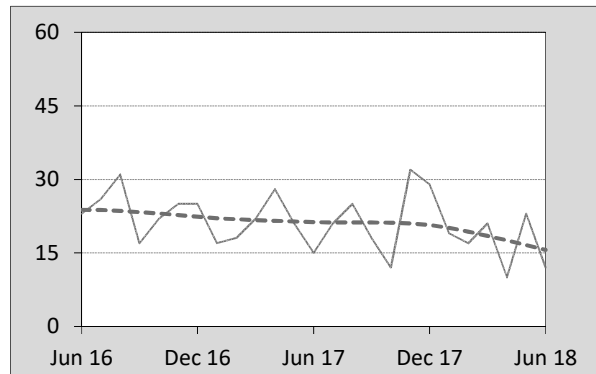


Figure 4.3 Qld

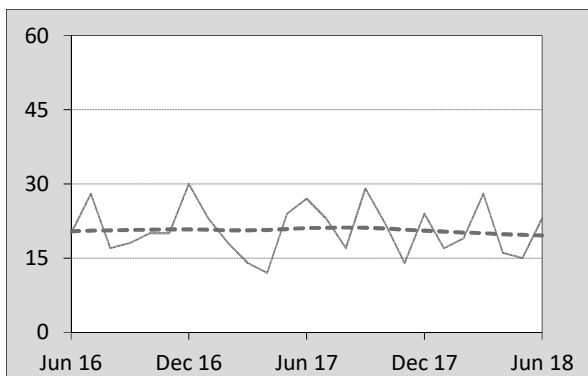


Figure 4.4 SA

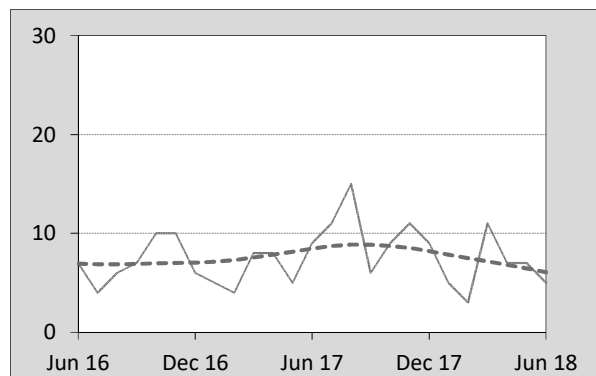


Figure 4.5 WA

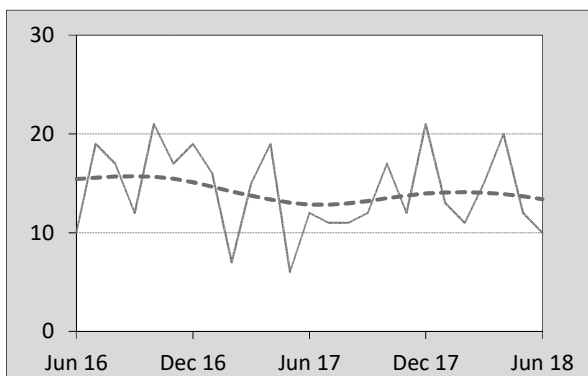


Figure 4.6 Tas

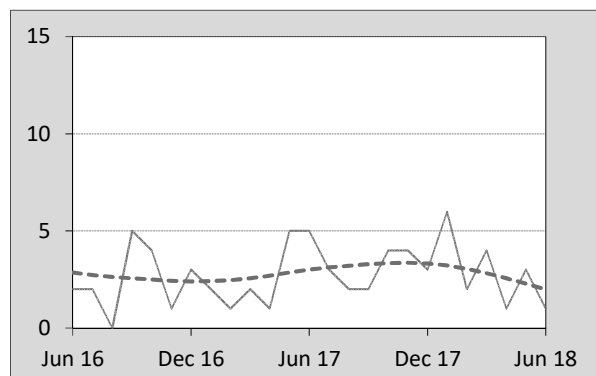


Figure 4.7 NT

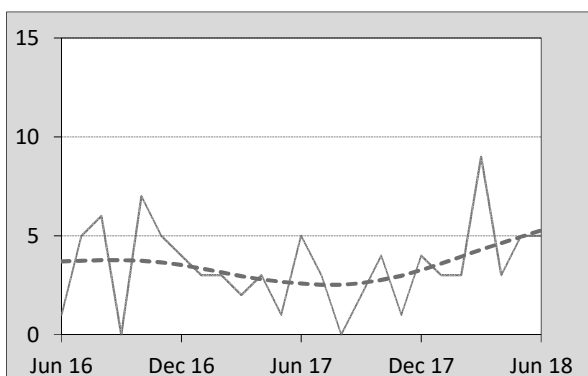
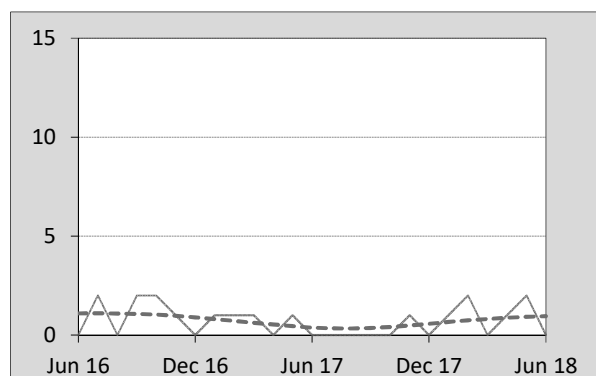


Figure 4.8 ACT



5. Fatal crashes: counts and characteristics

Table 5.1 By Crash type and Posted speed limit

12 months ended June	Crash type ^a			Posted speed limit						Total ^b
	Single	Multiple	Pedestrian	40	50	60	70 to 90	100	≥ 110	
2014	458	452	158	10	125	186	236	365	129	1,068
2015	478	433	150	17	116	212	219	342	142	1,061
2016	523	469	166	12	130	213	273	364	155	1,158
2017	502	472	168	21	127	203	273	361	143	1,142
2018	497	460	175	21	148	216	240	326	149	1,132
<i>Latest per cent change</i>	-1.0	-2.5	4.2	0.0	16.5	6.4	-12.1	-9.7	4.2	-0.9
<i>Average trend change per year (per cent)</i>	2.1	1.2	3.2	18.5	4.4	2.6	2.6	-1.7	3.0	1.9

Table 5.2 By Day of week and Time of day

12 months ended June	Day of week ^c		Time of day ^d	
	Weekday	Weekend	Day	Night
2014	659	409	676	392
2015	644	417	662	399
2016	728	430	725	433
2017	704	438	697	445
2018	681	451	708	424
<i>Latest per cent change</i>	-3.3	3.0	1.6	-4.7
<i>Average trend change per year (per cent)</i>	1.6	2.5	1.5	2.7

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 where the posted speed limit is 30km/hr or less.

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.

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.