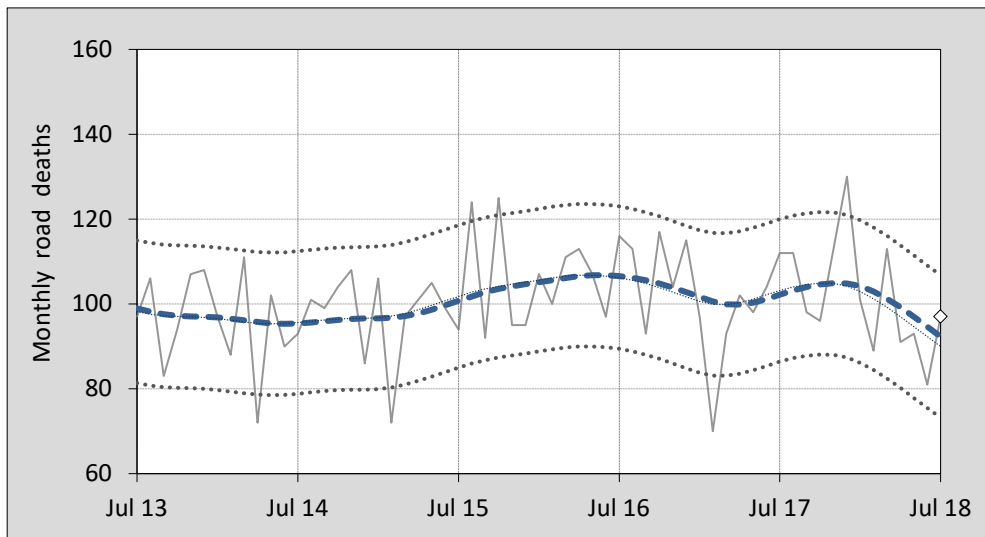




This month's key figures

- There was a total of 97 road deaths during the month of July 2018. The current figure is 5.3 per cent lower than the average for July over the previous five years.
- During the 12 months ended July 2018, there were 1,214 road deaths. This is a decrease of 0.3 per cent from the 12-month period ending July 2017.
- Presently, the rate of annual deaths per 100,000 population stands at 4.9. This is 1.9 per cent decrease compared to the rate for the 12-month period ending July 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
July 2017	40	21	23	11	11	3	3	0	112
July 2018	34	16	27	4	10	2	3	1	97
Per cent change	-15.0	-23.8	17.4	-63.6	-9.1	-33.3	0.0	-	-13.4

Table I.2 Year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January 2017 - July 2017	214	142	141	50	86	19	20	4	676
January 2018 - July 2018	209	120	146	42	91	19	31	7	665
Per cent change	-2.3	-15.5	3.5	-16.0	5.8	0.0	55.0	75.0	-1.6

Table I.3 Year ending July

12 months ended July	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2014	330	254	230	85	163	39	42	8	1,151
2015	316	250	240	108	168	35	42	13	1,172
2016	386	273	248	97	183	37	45	13	1,282
2017	366	262	246	89	172	32	42	9	1,218
2018	386	236	252	92	164	34	42	8	1,214
Latest per cent change	5.5	-9.9	2.4	3.4	-4.7	6.3	0.0	-11.1	-0.3
Average trend change per year (per cent)	4.7	-1.0	2.1	-0.4	0.4	-3.6	0.0	-3.6	1.5

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

Table 2.1 By road user

12 months ended July	Driver	Passenger	Pedestrian	Motorcyclist ^b	Pedal ^b cyclist	Total ^c
2014	521	216	162	195	56	1,151
2015	539	242	151	203	32	1,172
2016	620	223	171	232	35	1,282
2017	563	220	170	233	26	1,218
2018	571	216	179	192	45	1,214
Latest per cent change	1.4	-1.8	5.3	-17.6	73.1	-0.3
Average trend change per year (per cent)	2.3	-0.9	3.2	1.1	-6.2	1.5

Table 2.2 By age-group^a (years)

12 months ended July	0 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^c
2014	63	212	248	375	115	137	1,151
2015	70	240	266	344	107	144	1,172
2016	57	239	276	427	118	165	1,282
2017	63	250	267	364	106	168	1,218
2018	36	237	240	407	130	156	1,214
Latest per cent change	-42.9	-5.2	-10.1	11.8	22.6	-7.1	-0.3
Average trend change per year (per cent)	-11.5	2.7	-0.6	2.2	2.4	4.2	1.5

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

Table 2.3 By gender

12 months ended July	Males	Females	Total ^d
2014	833	317	1,151
2015	824	348	1,172
2016	944	338	1,282
2017	886	331	1,218
2018	904	309	1,214
Latest per cent change	2.0	-6.6	-0.3
Average trend change per year (per cent)	2.4	-1.0	1.5

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 July

12 months ended July	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2014	4.42	4.35	4.90	5.06	6.51	7.60	17.32	2.07	4.93
2015	4.17	4.19	5.05	6.37	6.64	6.81	17.29	3.31	4.95
2016	5.02	4.47	5.15	5.68	7.18	7.17	18.42	3.25	5.34
2017	4.69	4.19	5.03	5.18	6.71	6.15	17.07	2.21	4.99
2018	4.87	3.69	5.07	5.32	6.34	6.48	17.04	1.92	4.90
Latest per cent change	4.0	-11.9	0.8	2.7	-5.5	5.3	-0.2	-13.0	-1.9
Average trend change per year (per cent)	3.2	-3.2	0.6	-1.1	-0.4	-4.1	-0.5	-5.4	-0.1

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	4.97	4.08	5.01	5.80	6.17	6.51	12.53	1.21	4.98
Latest per cent change	1.2	-13.1	-3.3	15.5	-18.2	-8.9	-31.6	-55.5	-6.8

4. Monthly deaths by jurisdiction — last 24 months

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

Figure 4.1 NSW

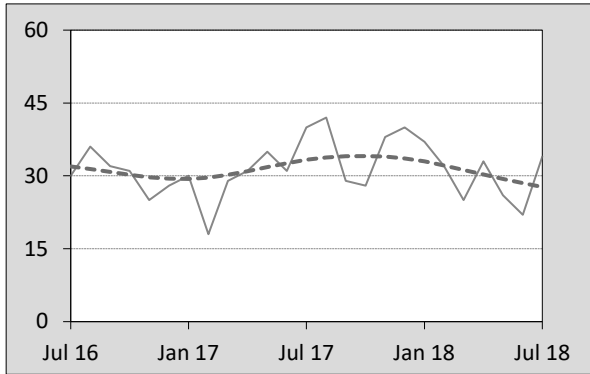


Figure 4.2 Vic

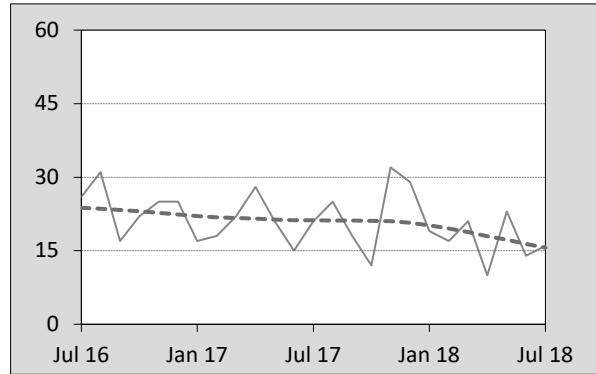


Figure 4.3 Qld

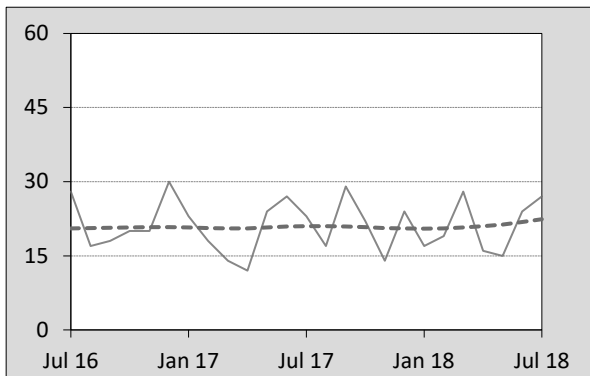


Figure 4.4 SA

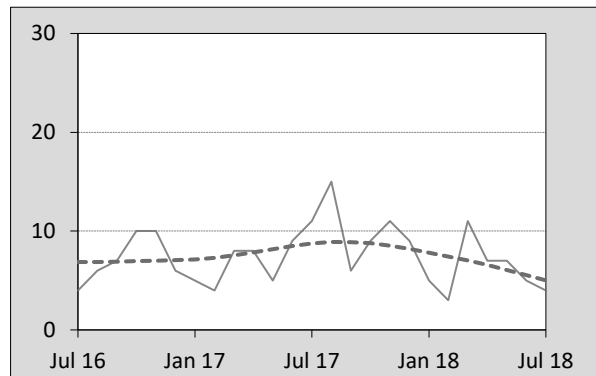


Figure 4.5 WA

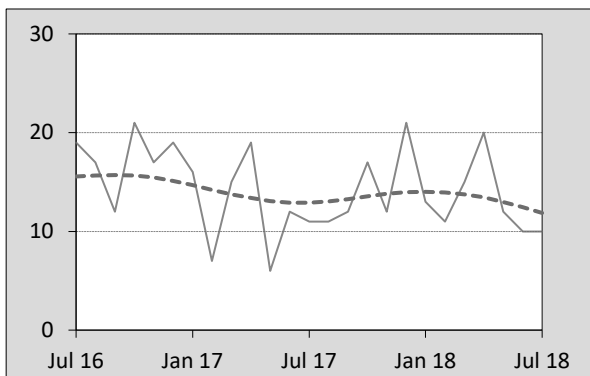


Figure 4.6 Tas

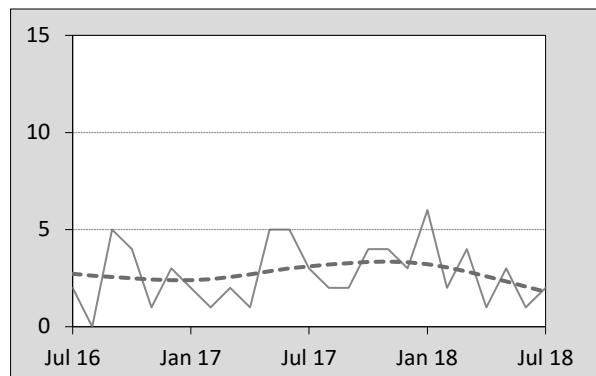


Figure 4.7 NT

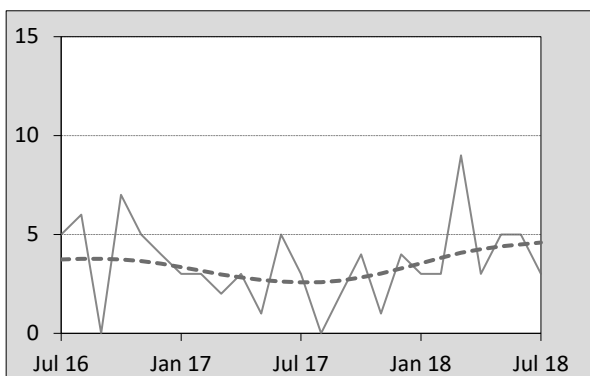
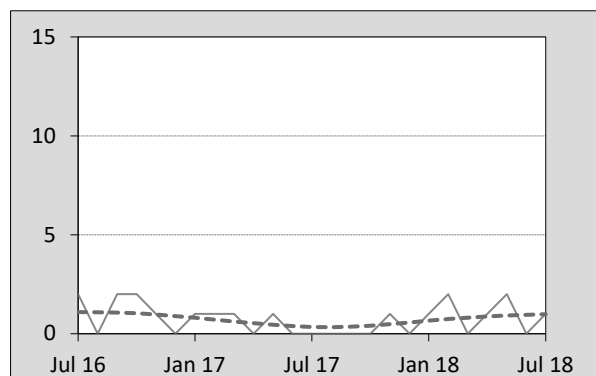


Figure 4.8 ACT



5. Fatal crashes: counts and characteristics

Table 5.1 By Crash type and Posted speed limit

12 months ended July	Crash type ^a			Posted speed limit						Total ^b
	Single	Multiple	Pedestrian	40	50	60	70 to 90	100	≥ 110	
2014	463	439	160	10	122	186	241	355	133	1,062
2015	477	438	149	18	116	205	217	357	139	1,064
2016	541	469	170	13	133	211	283	369	160	1,180
2017	489	476	169	22	133	215	260	344	147	1,134
2018	491	458	177	18	142	209	246	335	140	1,126
Latest per cent change	0.4	-3.8	4.7	-18.2	6.8	-2.8	-5.4	-2.6	-4.8	-0.7
Average trend change per year (per cent)	1.4	1.7	3.3	14.8	4.5	2.8	2.2	-1.5	1.6	1.8

Table 5.2 By Day of week and Time of day

12 months ended July	Day of week ^c		Time of day ^d	
	Weekday	Weekend	Day	Night
2014	642	420	669	393
2015	653	411	663	401
2016	723	457	728	452
2017	708	426	709	425
2018	686	440	697	429
Latest per cent change	-3.1	3.3	-1.7	0.9
Average trend change per year (per cent)	2.2	1.3	1.5	2.4

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.