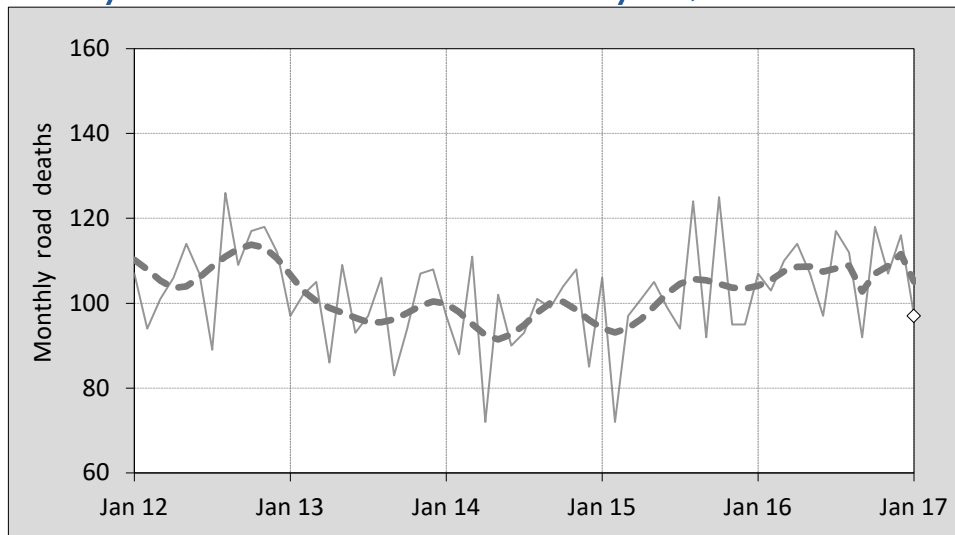




This month's key figures

- There was a total of 97 road deaths during the month of January 2017. In comparison to the average for January over the previous five years, the current figure is 5.6 per cent lower.
- During the 12 months ended January 2017, there were 1,290 road deaths. This is a 7.0 per cent increase compared to the total for the 12-month period ended January 2016.
- Presently, the rate of annual deaths per 100,000 population stands at 5.3. Compared to the figure for the 12-month period ending January 2016, this is a 5.5 per cent increase.

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 |
|-----------------|------|------|------|-------|-------|-------|-----|-----|-----------|
| January 2016 | 25 | 21 | 25 | 7 | 19 | 7 | 3 | 0 | 107 |
| January 2017 | 29 | 19 | 23 | 5 | 16 | 2 | 3 | 0 | 97 |
| Per cent change | 16.0 | -9.5 | -8.0 | -28.6 | -15.8 | -71.4 | 0.0 | - | -9.3 |

Table I.2 Year to date

| Year to date | NSW | Vic | Qld | SA | WA | Tas | NT | ACT | Australia |
|-----------------------------|------|------|------|-------|-------|-------|-----|-----|-----------|
| January 2016 - January 2016 | 25 | 21 | 25 | 7 | 19 | 7 | 3 | 0 | 107 |
| January 2017 - January 2017 | 29 | 19 | 23 | 5 | 16 | 2 | 3 | 0 | 97 |
| Per cent change | 16.0 | -9.5 | -8.0 | -28.6 | -15.8 | -71.4 | 0.0 | - | -9.3 |

Table I.3 Year ending January

| 12 months ended January | NSW | Vic | Qld | SA | WA | Tas | NT | ACT | Australia |
|--|------|------|------|------|------|-------|-------|-------|-----------|
| 2013 | 352 | 266 | 287 | 99 | 194 | 31 | 48 | 13 | 1,290 |
| 2014 | 352 | 254 | 257 | 95 | 149 | 36 | 38 | 6 | 1,187 |
| 2015 | 310 | 247 | 221 | 112 | 187 | 34 | 37 | 11 | 1,159 |
| 2016 | 338 | 249 | 252 | 96 | 168 | 38 | 51 | 14 | 1,206 |
| 2017 | 388 | 289 | 250 | 87 | 190 | 32 | 45 | 9 | 1,290 |
| Latest per cent change | 14.8 | 16.1 | -0.8 | -9.4 | 13.1 | -15.8 | -11.8 | -35.7 | 7.0 |
| Average trend change per year (per cent) | 1.6 | 1.5 | -2.9 | -2.4 | 0.8 | 1.2 | 1.7 | 1.1 | 0.2 |

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

Table 2.1 By road user

| 12 months ended January | Driver | Passenger | Pedestrian | Motorcyclist ^b | Pedal ^b cyclist | Total ^c |
|--|--------|-----------|------------|---------------------------|----------------------------|--------------------|
| 2013 | 606 | 250 | 167 | 226 | 36 | 1,290 |
| 2014 | 563 | 204 | 161 | 207 | 48 | 1,187 |
| 2015 | 533 | 229 | 146 | 203 | 45 | 1,159 |
| 2016 | 561 | 247 | 167 | 199 | 29 | 1,206 |
| 2017 | 622 | 209 | 182 | 246 | 28 | 1,290 |
| Latest per cent change | 10.9 | -15.4 | 9.0 | 23.6 | -3.4 | 7.0 |
| Average trend change per year (per cent) | 0.5 | -1.7 | 2.1 | 1.3 | -9.6 | 0.2 |

Table 2.2 By age-group^a (years)

| 12 months ended January | 0 to 16 | 17 to 25 | 26 to 39 | 40 to 64 | 65 to 74 | ≥ 75 | Total ^c |
|--|---------|----------|----------|----------|----------|------|--------------------|
| 2013 | 75 | 285 | 294 | 390 | 101 | 144 | 1,290 |
| 2014 | 63 | 223 | 246 | 380 | 115 | 160 | 1,187 |
| 2015 | 64 | 233 | 254 | 364 | 111 | 130 | 1,159 |
| 2016 | 63 | 231 | 263 | 377 | 117 | 155 | 1,206 |
| 2017 | 64 | 261 | 284 | 409 | 107 | 164 | 1,290 |
| Latest per cent change | 1.6 | 13.0 | 8.0 | 8.5 | -8.5 | 5.8 | 7.0 |
| Average trend change per year (per cent) | -3.1 | -1.4 | 0.0 | 0.9 | 1.3 | 2.3 | 0.2 |

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

Table 2.3 By gender

| 12 months ended January | <i>Males</i> | <i>Females</i> | <i>Total^d</i> |
|---|--------------|----------------|--------------------------|
| 2013 | 919 | 370 | 1,290 |
| 2014 | 855 | 332 | 1,187 |
| 2015 | 826 | 332 | 1,159 |
| 2016 | 866 | 340 | 1,206 |
| 2017 | 944 | 344 | 1,290 |
| <i>Latest per cent change</i> | 9.0 | 1.2 | 7.0 |
| <i>Average trend change per year (per cent)</i> | 0.7 | -1.2 | 0.2 |

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 January

| 12 months ended January | <i>NSW</i> | <i>Vic</i> | <i>Qld</i> | <i>SA</i> | <i>WA</i> | <i>Tas</i> | <i>NT</i> | <i>ACT</i> | <i>Australia</i> |
|---|------------|------------|------------|-----------|-----------|------------|-----------|------------|------------------|
| 2013 | 4.81 | 4.72 | 6.27 | 5.97 | 7.93 | 6.05 | 20.29 | 3.46 | 5.67 |
| 2014 | 4.75 | 4.42 | 5.52 | 5.68 | 5.91 | 7.02 | 15.65 | 1.57 | 5.13 |
| 2015 | 4.12 | 4.23 | 4.68 | 6.64 | 7.31 | 6.61 | 15.19 | 2.85 | 4.94 |
| 2016 | 4.43 | 4.18 | 5.27 | 5.65 | 6.48 | 7.35 | 20.84 | 3.58 | 5.06 |
| 2017 | 5.02 | 4.75 | 5.15 | 5.09 | 7.26 | 6.16 | 18.36 | 2.27 | 5.34 |
| <i>Latest per cent change</i> | 13.2 | 13.6 | -2.1 | -9.9 | 12.0 | -16.2 | -11.9 | -36.5 | 5.5 |
| <i>Average trend change per year (per cent)</i> | 0.2 | -0.4 | -4.3 | -3.2 | -0.9 | 0.8 | 0.9 | -0.2 | -1.3 |

Table 3.2 Calendar year period

| Calendar year | <i>NSW</i> | <i>Vic</i> | <i>Qld</i> | <i>SA</i> | <i>WA</i> | <i>Tas</i> | <i>NT</i> | <i>ACT</i> | <i>Australia</i> |
|-------------------------------|------------|------------|------------|-----------|-----------|------------|-----------|------------|------------------|
| 2012 | 5.05 | 5.01 | 6.13 | 5.68 | 7.51 | 6.05 | 20.77 | 3.20 | 5.72 |
| 2013 | 4.50 | 4.24 | 5.83 | 5.87 | 6.44 | 7.02 | 15.25 | 1.84 | 5.13 |
| 2014 | 4.09 | 4.25 | 4.72 | 6.35 | 7.16 | 6.41 | 16.03 | 2.60 | 4.90 |
| 2015 | 4.59 | 4.24 | 5.08 | 6.00 | 6.18 | 6.58 | 20.05 | 3.84 | 5.07 |
| 2016 | 4.97 | 4.80 | 5.20 | 5.21 | 7.37 | 7.13 | 18.38 | 2.27 | 5.39 |
| <i>Latest per cent change</i> | 8.2 | 13.1 | 2.3 | -13.2 | 19.4 | 8.3 | -8.4 | -40.8 | 6.4 |

4. Monthly deaths by jurisdiction — last 24 months

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

Figure 4.1 NSW

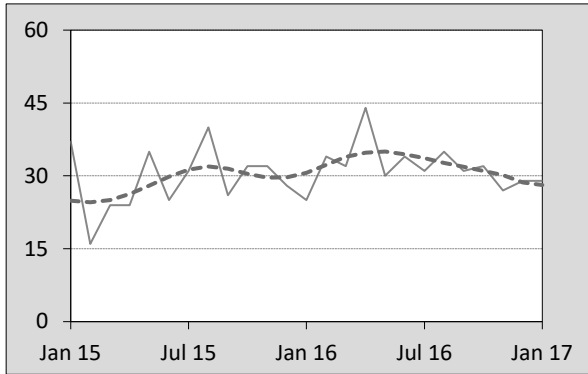


Figure 4.2 Vic

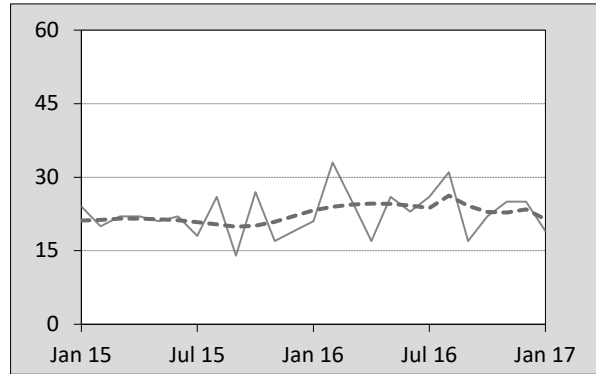


Figure 4.3 Qld

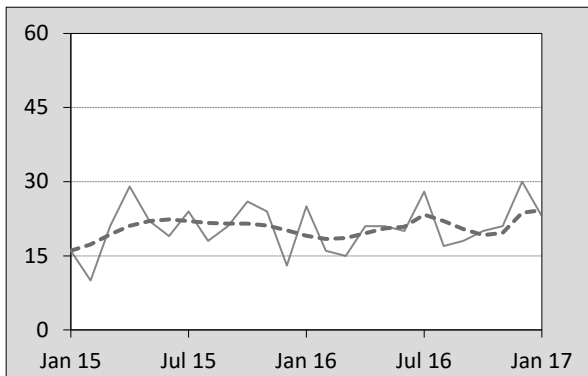


Figure 4.4 SA

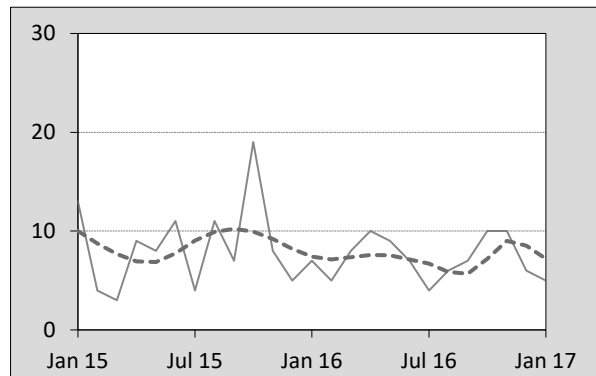


Figure 4.5 WA

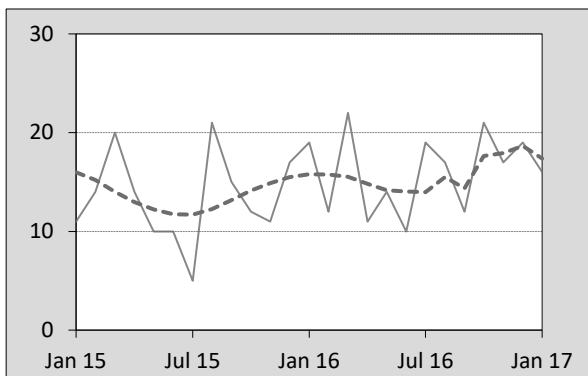


Figure 4.6 Tas

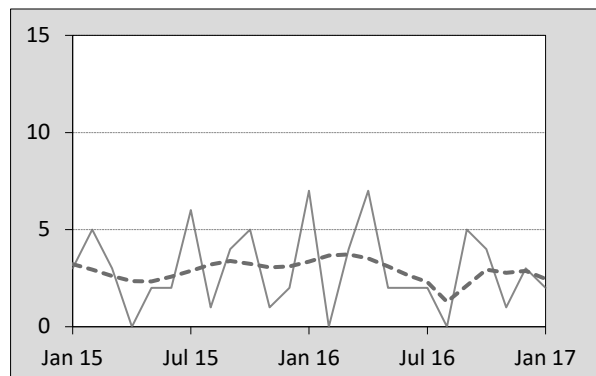


Figure 4.7 NT

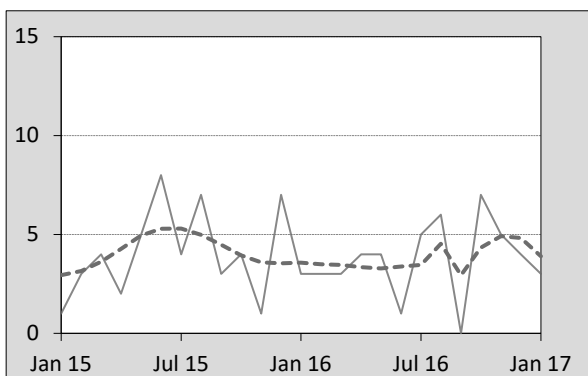
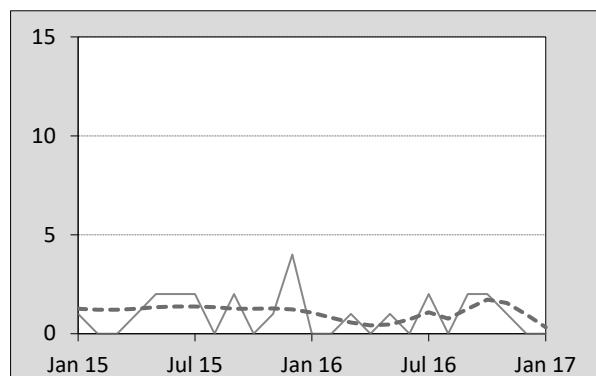


Figure 4.8 ACT



5. Fatal crashes: counts and characteristics

Table 5.1 By Crash type and Posted speed limit

| 12 months ended January | Crash type ^a | | | Posted speed limit | | | | Total ^b |
|--|-------------------------|----------|------------|--------------------|----------|-----|-------|--------------------|
| | Single | Multiple | Pedestrian | 0 to 60 | 70 to 90 | 100 | ≥ 110 | |
| 2013 | 516 | 498 | 166 | 409 | 272 | 343 | 144 | 1,180 |
| 2014 | 515 | 429 | 159 | 338 | 251 | 380 | 124 | 1,103 |
| 2015 | 463 | 449 | 144 | 328 | 228 | 353 | 135 | 1,056 |
| 2016 | 492 | 446 | 165 | 347 | 247 | 350 | 149 | 1,103 |
| 2017 | 524 | 505 | 168 | 357 | 292 | 364 | 156 | 1,197 |
| Latest per cent change | 6.5 | 13.2 | 1.8 | 2.9 | 18.2 | 4.0 | 4.7 | 8.5 |
| Average trend change per year (per cent) | -0.1 | 0.7 | 0.6 | -2.4 | 1.3 | 0.4 | 3.5 | 0.3 |

Table 5.2 By Day of week and Time of day

| 12 months ended January | Day of week ^c | | Time of Day ^d | |
|--|--------------------------|---------|--------------------------|-------|
| | Weekday | Weekend | Day | Night |
| 2013 | 730 | 450 | 736 | 444 |
| 2014 | 657 | 446 | 700 | 403 |
| 2015 | 659 | 397 | 662 | 394 |
| 2016 | 680 | 423 | 680 | 423 |
| 2017 | 721 | 476 | 714 | 483 |
| Latest per cent change | 6.0 | 12.5 | 5.0 | 14.2 |
| Average trend change per year (per cent) | 0.1 | 0.6 | -0.9 | 2.2 |

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.

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)

Calculated by fitting an exponential curve through the five data points, and quoting the constant (annual) change of this curve.

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.

6. Supplementary data — Christmas 2016

This month's supplementary section presents an analysis of a 12-day Christmas period. There is no uniformly defined 'Christmas holiday period' amongst Australia's road safety authorities. In some or all jurisdictions, there are defined periods of more stringent road safety enforcement, but the types and start-finish dates vary.

The following analyses are based on a fixed 12-day period starting on 23rd December each year, which is referred to here as the 'Christmas period'.

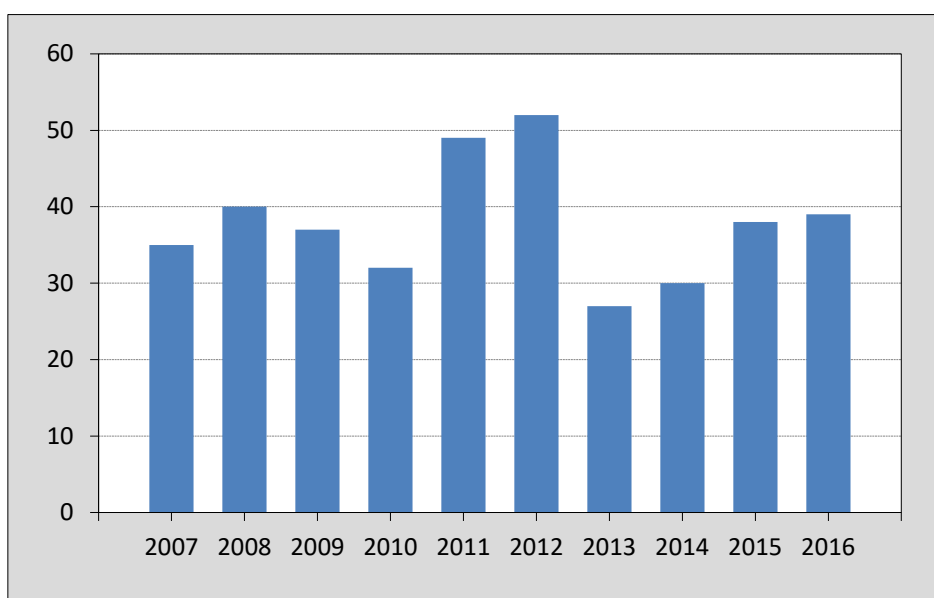
Data for recent Christmas periods is preliminary and is subject to revision by jurisdictions. The 2015 fatality count for the Christmas period has been revised down significantly as a result of such revision.

Table 6.1 Fatalities during Christmas period (revised)

| | <i>NSW</i> | <i>Vic</i> | <i>Qld</i> | <i>SA</i> | <i>WA</i> | <i>Tas</i> | <i>NT</i> | <i>ACT</i> | <i>Australia</i> |
|------|------------|------------|------------|-----------|-----------|------------|-----------|------------|------------------|
| 2007 | 6 | 13 | 4 | 0 | 9 | 1 | 1 | 1 | 35 |
| 2008 | 8 | 9 | 8 | 1 | 11 | 1 | 2 | 0 | 40 |
| 2009 | 12 | 9 | 9 | 2 | 4 | 1 | 0 | 0 | 37 |
| 2010 | 8 | 12 | 7 | 1 | 1 | 0 | 3 | 0 | 32 |
| 2011 | 18 | 8 | 10 | 3 | 8 | 1 | 1 | 0 | 49 |
| 2012 | 16 | 10 | 6 | 7 | 8 | 3 | 2 | 0 | 52 |
| 2013 | 8 | 4 | 4 | 1 | 6 | 2 | 1 | 1 | 27 |
| 2014 | 7 | 5 | 4 | 9 | 3 | 2 | 0 | 0 | 30 |
| 2015 | 12 | 8 | 7 | 2 | 2 | 4 | 1 | 2 | 38 |
| 2016 | 12 | 8 | 6 | 4 | 8 | 0 | 1 | 0 | 39 |

Note Database as at January 2018

Figure 6.1 Fatalities during Christmas period — Australia (revised)



6. Supplementary data — Christmas 2016 (continued)

Figure 6.2 Fatalities during Christmas period — by jurisdiction

