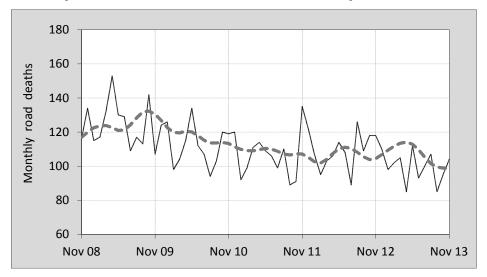
### This month's key figures

- There was a total of 104 road deaths during the month of November 2013. In comparison to the average for November over the previous five years, the current figure is 12.6 per cent lower.
- During the 12 months ended November there were 1,196 road deaths. This is a 9.0 per cent reduction compared to the total for the 12-monthly period ending November 2012.
- Presently the rate of annual deaths per 100,000 population stands at 5.2. Compared to the figure for the 12-monthly period ending November 2012, this is a 10.4 per cent reduction.

#### 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 for Transport, Energy and Infrastructure, S.A.
- Western Australia Police
- Department of Infrastructure, Energy and Resources, Tasmania
- Department of Transport, Northern Territory
- Department of Territory and Municipal Services, 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. Current month and year to date

# **Deaths by jurisdiction**

| Current month   | NSW  | Vic   | Qld   | SA   | WA    | Tas   | NT    | ACT | Australia |
|-----------------|------|-------|-------|------|-------|-------|-------|-----|-----------|
| November 2012   | 35   | 26    | 23    | 8    | 19    | 1     | 4     | 2   | 118       |
| November 2013   | 33   | 23    | 19    | 9    | 13    | 5     | 2     | 0   | 104       |
| Per cent change | -5.7 | -11.5 | -17.4 | 12.5 | -31.6 | 400.0 | -50.0 | -   | -11.9     |

| Year to date                 | NSW  | Vic   | Qld  | SA   | WA    | Tas  | NT    | ACT   | Australia |
|------------------------------|------|-------|------|------|-------|------|-------|-------|-----------|
| January 2012 - November 2012 | 341  | 258   | 258  | 83   | 171   | 27   | 44    | 11    | 1,193     |
| January 2013 - November 2013 | 311  | 212   | 251  | 92   | 149   | 30   | 35    | 6     | 1,086     |
| Per cent change              | -8.8 | -17.8 | -2.7 | 10.8 | -12.9 | 11.1 | -20.5 | -45.5 | -9.0      |

## 2. Yearly deaths — last five 12 monthly periods

## **Deaths by jurisdiction**

| 12 months<br>ended November              | NSW   | Vic   | Qld  | SA   | WA    | Tas   | NT    | ACT   | Australia |
|--|-------|-------|------|------|-------|-------|-------|-------|-----------|
| 2009                                     | 453   | 281   | 342  | 121  | 194   | 62    | 32    | 13    | 1,498     |
| 2010                                     | 416   | 294   | 243  | 118  | 187   | 34    | 46    | 18    | 1,356     |
| 2011                                     | 349   | 288   | 269  | 104  | 189   | 26    | 43    | 7     | 1,275     |
| 2012                                     | 381   | 285   | 283  | 90   | 186   | 29    | 50    | 11    | 1,315     |
| 2013                                     | 339   | 236   | 273  | 103  | 163   | 36    | 39    | 7     | 1,196     |
| Latest per cent change                   | -11.0 | -17.2 | -3.5 | 14.4 | -12.4 | 24.1  | -22.0 | -36.4 | -9.0      |
| Average trend change per year (per cent) | -6.5  | -3.7  | -2.9 | -5.8 | -3.5  | -11.7 | 4.9   | -15.9 | -4.7      |

## Deaths by road user

| I2 months<br>ended November                 | Driver | Passenger | Pedestrian | Motorcyclist | Cyclist | Total <sup>a</sup> |
|---|--------|-----------|------------|--------------|---------|--------------------|
| 2009  | 714    | 320       | 198        | 232          | 33      | 1,498              |
| 2010  | 633    | 286       | 170        | 228          | 38      | 1,356              |
| 2011  | 583    | 281       | 182        | 196          | 32      | 1,275              |
| 2012  | 598    | 273       | 180        | 226          | 37      | 1,315              |
| 2013  | 592    | 204       | 147        | 200          | 43      | 1,196              |
| Latest per cent change                      | -1.0   | -25.3     | -18.3      | -11.5        | 16.2    | -9.0               |
| Average trend change per year<br>(per cent) | -4.2   | -9.0      | -5.2       | -3.0         | 5.2     | -4.7               |

a Includes deaths where road user type is unknown

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### Deaths by age-group (years)

| 12 months                                | 0 to  | 17    | 26    | 40    | 60    | ≥ 70 | <b>T</b>           |
|--|-------|-------|-------|-------|-------|------|--------------------|
| ended November                           | 16    | to 25 | to 39 | to 59 | to 69 | 2 70 | Total <sup>b</sup> |
| 2009                                     | 98    | 379   | 360   | 383   | 101   | 177  | 1,498              |
| 2010                                     | 75    | 328   | 316   | 365   | 112   | 159  | 1,356              |
| 2011                                     | 89    | 285   | 273   | 338   | 101   | 189  | 1,275              |
| 2012                                     | 82    | 276   | 306   | 314   | 131   | 205  | 1,315              |
| 2013                                     | 65    | 239   | 245   | 310   | 132   | 199  | 1,196              |
| Latest per cent change                   | -20.7 | -13.4 | -19.9 | -1.3  | 0.8   | -2.9 | -9.0               |
| Average trend change per year (per cent) | -7.1  | -10.4 | -7.7  | -5.6  | 7.2   | 5.0  | -4.7               |

b Includes deaths to persons with age not recorded.

### Deaths by gender

| 12 months ended November                 | Males | Females | Total <sup>c</sup> |
|--|-------|---------|--------------------|
| 2009                                     | 1,092 | 403     | 1,498              |
| 2010                                     | 980   | 374     | 1,356              |
| 2011                                     | 919   | 354     | 1,275              |
| 2012                                     | 941   | 374     | 1,315              |
| 2013                                     | 856   | 338     | 1,196              |
| Latest per cent change                   | -9.0  | -9.6    | -9.0               |
| Average trend change per year (per cent) | -5.1  | -3.5    | -4.7               |

c Includes deaths to persons with gender not recorded.

# 3. Annual deaths per 100,000 population

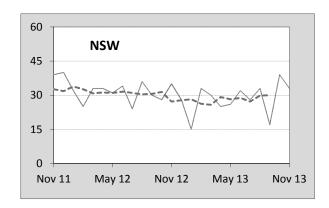
## By jurisdiction

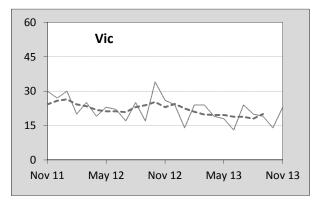
| 12 months              | NSW   | Vic   | Qld  | SA       | WA                                    | Tas   | NT    | ACT   | Australia |
|------------------------|-------|-------|------|----------|---------------------------------------|-------|-------|-------|-----------|
| ended November         | 71077 | V/C   | QIG  | <u> </u> | , , , , , , , , , , , , , , , , , , , | 1 43  | 111   | 701   | Australia |
| 2009                   | 6.43  | 5.24  | 7.92 | 7.53     | 8.68                                  | 12.30 | 14.19 | 3.67  | 6.92      |
| 2010                   | 5.83  | 5.39  | 5.52 | 7.26     | 8.18                                  | 6.69  | 20.05 | 4.98  | 6.16      |
| 2011                   | 4.84  | 5.21  | 6.02 | 6.35     | 8.05                                  | 5.08  | 18.62 | 1.90  | 5.71      |
| 2012                   | 5.22  | 5.07  | 6.20 | 5.44     | 7.66                                  | 5.66  | 21.30 | 2.94  | 5.79      |
| 2013                   | 4.59  | 4.13  | 5.88 | 6.17     | 6.52                                  | 6.99  | 16.26 | 1.82  | 5.19      |
| Latest per cent change | -12.0 | -18.5 | -5.2 | 13.5     | -14.9                                 | 23.5  | -23.7 | -37.9 | -10.4     |
| Average trend change   | -7.5  | -5.2  | -4.7 | -6.6     | -6.2                                  | -12.2 | 3.4   | -17.5 | -6.2      |
| per year (per cent)    |       |       |      |          |                                       |       |       |       |           |
| Calendar year          | NSW   | Vic   | Qld  | SA       | WA                                    | Tas   | NT    | ACT   | Australia |
| 2008                   | 5.39  | 5.76  | 7.77 | 6.23     | 9.44                                  | 7.82  | 34.11 | 4.02  | 6.76      |
| 2009                   | 6.42  | 5.40  | 7.65 | 7.40     | 8.48                                  | 12.49 | 13.27 | 3.38  | 6.86      |
| 2010                   | 5.67  | 5.27  | 5.65 | 7.25     | 8.42                                  | 6.09  | 21.32 | 5.25  | 6.14      |
| 2011                   | 5.04  | 5.18  | 6.01 | 6.28     | 7.65                                  | 4.69  | 19.02 | 1.63  | 5.72      |
| 2012                   | 5.05  | 5.01  | 6.13 | 5.67     | 7.60                                  | 6.44  | 20.41 | 3.20  | 5.73      |
| Latest per cent change | 0.2   | -3.4  | 2.0  | -9.7     | -0.7                                  | 37.3  | 7.3   | 96.2  | 0.3       |

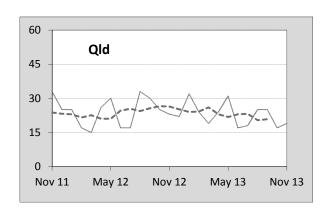
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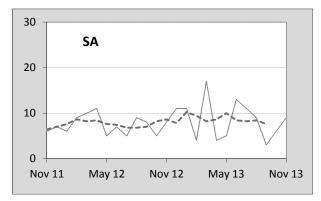
## 4. Monthly deaths by jurisdiction — last 24 months

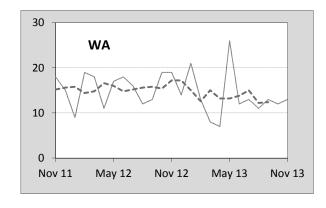
raw
---- smoothed (unweighted
5-point moving average)

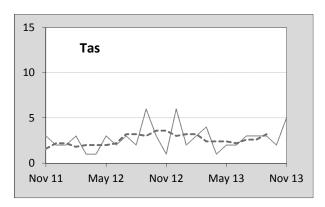


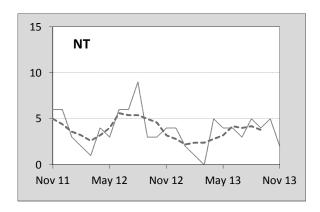


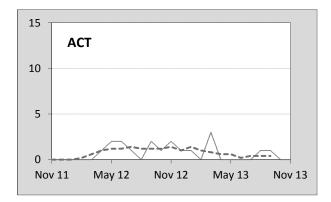












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#### 5. Fatal crashes: counts and characteristics

|  | C      | Crash type | e <sub>q</sub> | Posted speed limit |             |      | it    |                    |  |  |
|--|--------|------------|----------------|--------------------|-------------|------|-------|--------------------|--|--|
| 12 months ended<br>November              | Single | Multiple   | Pedestrian     | 0 to<br>60         | 70 to<br>90 | 100  | ≥ 110 | Total <sup>e</sup> |  |  |
| 2009                                     | 655    | 515        | 192            | 421                | 307         | 431  | 178   | 1,362              |  |  |
| 2010                                     | 553    | 518        | 168            | 350                | 275         | 434  | 157   | 1,239              |  |  |
| 2011                                     | 501    | 469        | 180            | 346                | 241         | 387  | 157   | 1,150              |  |  |
| 2012                                     | 523    | 506        | 177            | 406                | 281         | 370  | 132   | 1,206              |  |  |
| 2013                                     | 530    | 427        | 145            | 335                | 252         | 352  | 132   | 1,102              |  |  |
| Average trend change per year (per cent) | -4.7   | -3.9       | -5.0           | -3.0               | -3.7        | -5.5 | -7.4  | -4.4               |  |  |

| November         Weekday         Weekend         Day         Night           2009         848         514         780         582           2010         714         525         729         510           2011         683         467         702         448           2012         750         456         760         446           2013         652         450         699         403 |                              | Day of  | Day of week <sup>f</sup> |      |       |  |  |
|---|------------------------------|---------|--------------------------|------|-------|--|--|
| 2010       714       525       729       510         2011       683       467       702       448         2012       750       456       760       446         2013       652       450       699       403   | I 2 months ended<br>November | Weekday | Weekend                  | Day  | Night |  |  |
| 2011     683     467     702     448       2012     750     456     760     446       2013     652     450     699     403  | 2009                         | 848     | 514                      | 780  | 582   |  |  |
| 2012     750     456     760     446       2013     652     450     699     403   | 2010                         | 714     | 525                      | 729  | 510   |  |  |
| 2013 652 450 699 403  | 2011                         | 683     | 467                      | 702  | 448   |  |  |
|   | 2012                         | 750     | 456                      | 760  | 446   |  |  |
| Average trend change -4.7 -4.0 -1.8 -8.3  | 2013                         | 652     | 450                      | 699  | 403   |  |  |
|   | Average trend change         | -4.7    | -4.0                     | -1.8 | -8.3  |  |  |

per year (per cent)

#### **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 monthly period, and the population at the midpoint of the period. The population at midpoints are 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 online querying and 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.

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

e Includes crashes where speed limit is unknown

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

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