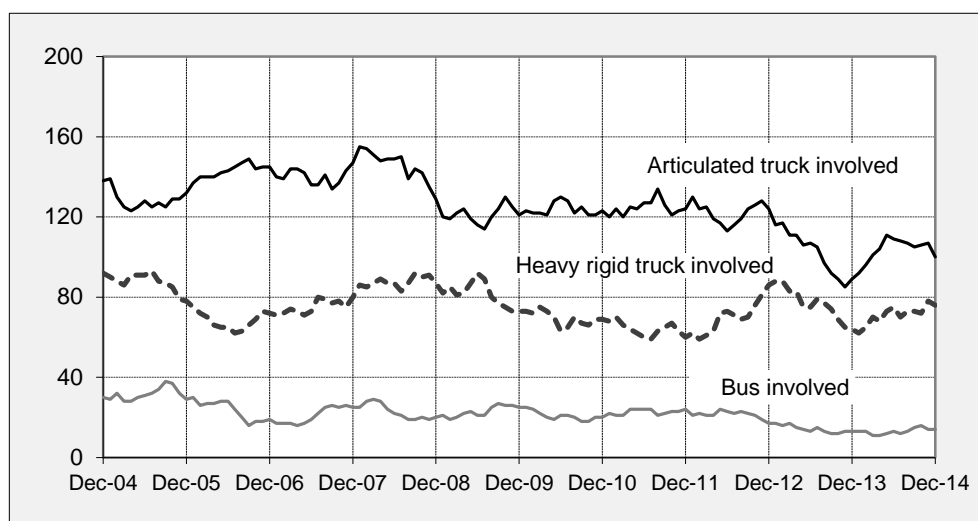




## Fatal crashes involving heavy vehicles, Australia — moving annual total

(Each point shows the number of fatal crashes during the preceding 12 months)



### Key features

- During the 12 months to the end of December 2014, 220 people died from 190 fatal crashes involving heavy trucks or buses. These included:
  - 114 deaths from 100 crashes involving articulated trucks,
  - 88 deaths from 76 crashes involving heavy rigid trucks,
  - 20 deaths from 16 crashes involving buses<sup>a</sup>.
- Fatal crashes involving articulated trucks:
  - increased by 12.4 per cent compared with the corresponding period one year earlier,
  - decreased by an average of 9.3 per cent per year over the three years to December 2014.
- Fatal crashes involving heavy rigid trucks:
  - increased by 18.8 per cent compared with the corresponding period one year earlier,
  - increased by an average of 4.2 per cent per year over the three years to December 2014.

<sup>a</sup> Figures sum to more than the total because some crashes involved more than one type of heavy vehicle.

# ARTICULATED TRUCK INVOLVEMENT

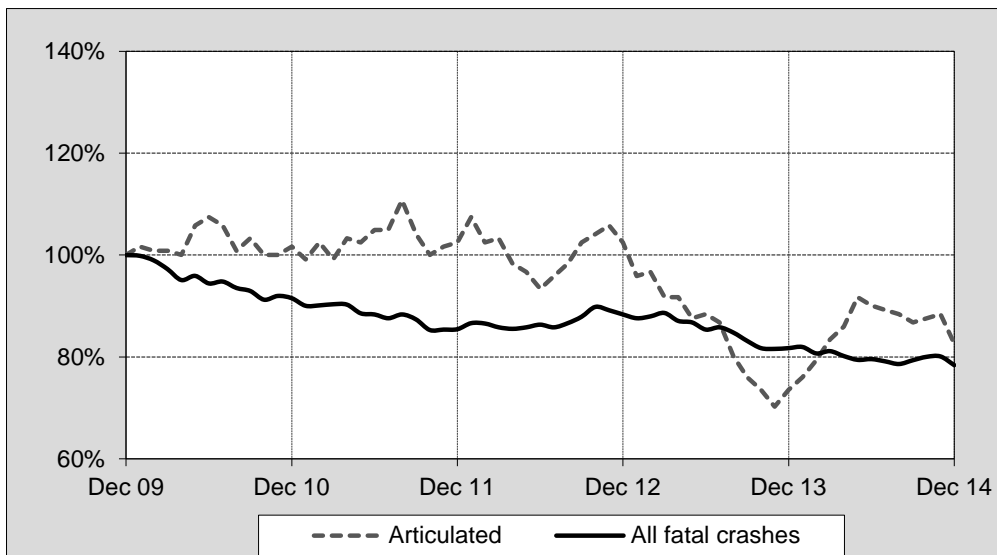
**Table I Fatal crashes involving articulated trucks by State/Territory**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Calendar Years</b>									
2009	33	17	38	9	10	10	2	2	121
2010	41	31	25	7	14	3	1	1	123
2011	43	21	32	12	11	2	3	0	124
2012	39	29	35	9	7	3	2	0	124
2013	30	12	26	8	8	2	3	0	89
2014	29	24	26	10	5	4	0	2	100
<b>Quarters</b>									
2012									
December	9	11	5	2	1	0	0	0	28
2013									
March	5	4	5	3	0	1	0	0	18
June	11	1	4	2	2	0	1	0	21
September	7	3	10	0	4	0	1	0	25
December	7	4	7	3	2	1	1	0	25
2014									
March	11	6	10	3	0	0	0	0	30
June	8	9	6	4	1	0	0	1	29
September	5	4	3	2	3	4	0	0	21
December	5	5	7	1	1	0	0	1	20
<b>12 Months ended</b>									
Dec-13	30	12	26	8	8	2	3	0	89
Dec-14	29	24	26	10	5	4	0	2	100
% change	-3.3	100.0	0.0	25.0	-37.5	100.0	-100.0	-	12.4
<b>Average annual % change over 3 years<sup>a</sup></b>									
12 mths end Dec 2011									
to 12 mths end Dec 2014	-13.4	-4.7	-8.8	-6.4	-20.0	18.2	-	-	-9.3

a Average annual percentage change based on the exponential trend for the last three 12-month periods.

## Index of fatal crashes involving articulated trucks in Australia — five years ended December 2014

Each point shows the number of fatal crashes in the preceding 12 months expressed as a percentage of the corresponding number of fatal crashes in the 12 months to the end of December 2009.



## ARTICULATED TRUCK INVOLVEMENT

**Table 2 Deaths from crashes involving articulated trucks by State/Territory**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Calendar Years</b>									
2009	47	20	40	11	12	11	2	2	145
2010	51	36	29	7	15	3	1	1	143
2011	47	23	39	13	13	2	3	0	140
2012	50	30	45	10	8	3	2	0	148
2013	32	14	35	11	11	2	4	0	109
2014	32	26	32	12	5	5	0	2	114
<b>Quarters</b>									
2012									
December	14	11	7	3	2	0	0	0	37
2013									
March	5	4	8	4	0	1	0	0	22
June	12	1	7	4	3	0	2	0	29
September	7	3	13	0	6	0	1	0	30
December	8	6	7	3	2	1	1	0	28
2014									
March	11	6	10	3	0	0	0	0	30
June	9	9	7	5	1	0	0	1	32
September	6	6	5	2	3	5	0	0	27
December	6	5	10	2	1	0	0	1	25
<b>12 Months ended</b>									
Dec-13	32	14	35	11	11	2	4	0	109
Dec-14	32	26	32	12	5	5	0	2	114
% change	0.0	85.7	-8.6	9.1	-54.5	150.0	-100.0	-	4.6
<b>Average annual % change over 3 years<sup>a</sup></b>									
12 mths end Dec 2011									
to 12 mths end Dec 2014	-14.8	-3.9	-8.1	-1.4	-22.5	26.4	-	-	-8.8

a Average annual percentage change based on the exponential trend for the last three 12-month periods.

**Table 3 Deaths from crashes involving articulated trucks by State/Territory and road user — 12 months ended December 2014**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers <sup>b</sup>	19	15	21	9	4	4	0	1	73
Passengers <sup>b</sup>	7	4	5	3	0	1	0	0	20
Pedestrians	4	6	1	0	0	0	0	0	11
Motor cyclists <sup>c</sup>	2	1	3	0	0	0	0	1	7
Pedal cyclists <sup>c</sup>	0	0	2	0	1	0	0	0	3
All road users <sup>d</sup>	32	26	32	12	5	5	0	2	114

b Includes drivers/passengers of light and heavy vehicles.

c Includes pillion passengers.

d Includes road users not separately specified.

**Table 4 Deaths from crashes involving articulated trucks by State/Territory and crash type — 12 months ended December 2014**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	5	2	6	1	1	1	0	0	16
Multiple vehicle crashes	23	18	25	11	4	4	0	2	87
Pedestrian crashes	4	6	1	0	0	0	0	0	11
All crash types	32	26	32	12	5	5	0	2	114

# HEAVY RIGID TRUCK INVOLVEMENT

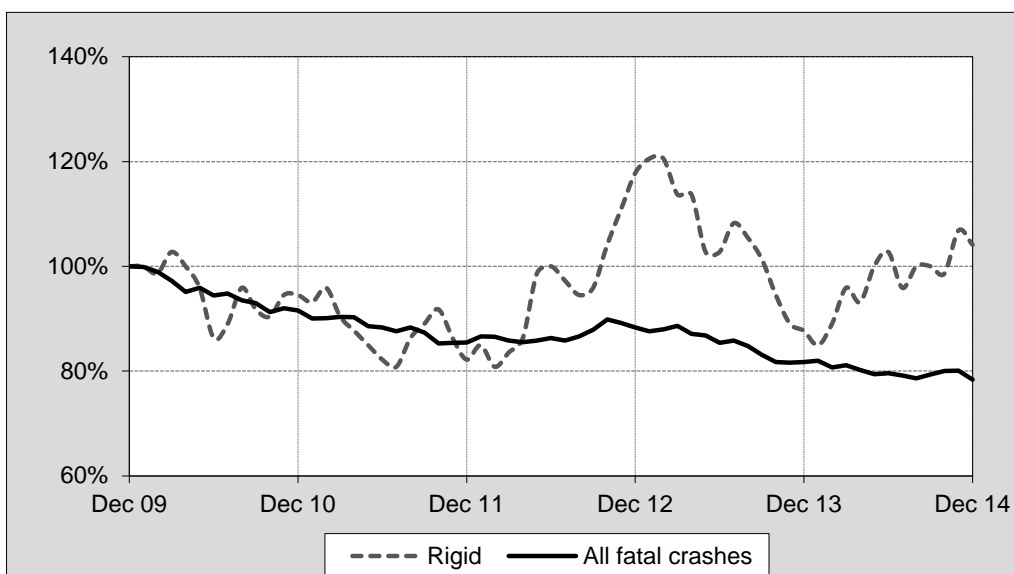
**Table 5 Fatal crashes involving heavy rigid trucks by State/Territory**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Calendar Years</b>									
2009	23	18	13	2	16	1	0	0	73
2010	20	19	12	2	11	4	0	1	69
2011	15	14	13	6	8	2	2	0	60
2012	22	15	23	6	16	2	1	1	86
2013	22	12	11	4	15	0	0	0	64
2014	21	23	9	10	10	3	0	0	76
<b>Quarters</b>									
<b>2012</b>									
December	5	5	8	3	5	0	0	1	27
<b>2013</b>									
March	3	3	2	2	4	0	0	0	14
June	6	3	2	2	2	0	0	0	15
September	7	4	4	0	3	0	0	0	18
December	6	2	3	0	6	0	0	0	17
<b>2014</b>									
March	8	5	1	3	2	1	0	0	20
June	5	6	3	2	2	2	0	0	20
September	4	3	4	1	4	0	0	0	16
December	4	9	1	4	2	0	0	0	20
<b>12 Months ended</b>									
Dec-13	22	12	11	4	15	0	0	0	64
Dec-14	21	23	9	10	10	3	0	0	76
% change	-4.5	91.7	-18.2	150.0	-33.3	-	-	-	18.8
<b>Average annual % change over 3 years<sup>a</sup></b>									
<i>12 mths end Dec 2011</i>									
to 12 mths end Dec 2014	10.6	13.5	-16.8	11.9	6.2	-	-	-	4.2

<sup>a</sup> Average annual percentage change based on the exponential trend for the last three 12-month periods.

## Index of fatal crashes involving heavy rigid trucks in Australia — five years ended December 2014

Each point shows the number of fatal crashes in the preceding 12 months expressed as a percentage of the corresponding number of fatal crashes in the 12 months to the end of December 2009.



## HEAVY RIGID TRUCK INVOLVEMENT

**Table 6 Deaths from crashes involving heavy rigid trucks by State/Territory**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Calendar Years</b>									
2009	24	19	13	2	18	1	0	0	77
2010	24	24	15	2	13	5	0	1	84
2011	17	20	14	6	9	2	4	0	72
2012	23	16	27	7	19	4	1	1	98
2013	24	13	13	4	15	0	0	0	69
2014	21	29	9	15	11	3	0	0	88
<b>Quarters</b>									
2012									
December	5	6	8	3	7	0	0	1	30
2013									
March	3	3	2	2	4	0	0	0	14
June	7	3	2	2	2	0	0	0	16
September	8	5	5	0	3	0	0	0	21
December	6	2	4	0	6	0	0	0	18
2014									
March	8	9	1	4	3	1	0	0	26
June	5	7	3	2	2	2	0	0	21
September	4	3	4	2	4	0	0	0	17
December	4	10	1	7	2	0	0	0	24
<b>12 Months ended</b>									
Dec-13	24	13	13	4	15	0	0	0	69
Dec-14	21	29	9	15	11	3	0	0	88
% change	-12.5	123.1	-30.8	275.0	-26.7	-	-	-	27.5
<b>Average annual % change over 3 years<sup>a</sup></b>									
12 mths end Dec 2011									
to 12 mths end Dec 2014	7.0	9.5	-18.6	24.5	3.7	-	-	-	2.5

a Average annual percentage change based on the exponential trend for the last three 12-month periods.

**Table 7 Deaths from crashes involving heavy rigid trucks by State/Territory by road user — 12 months ended December 2014**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers <sup>b</sup>	10	12	6	9	8	2	0	0	47
Passengers <sup>b</sup>	1	8	1	4	1	0	0	0	15
Pedestrians	6	3	0	1	0	0	0	0	10
Motor cyclists <sup>c</sup>	4	4	1	0	2	1	0	0	12
Pedal cyclists <sup>c</sup>	0	2	1	1	0	0	0	0	4
All road users <sup>d</sup>	21	29	9	15	11	3	0	0	88

b Includes drivers/passengers of light vehicles.

c Includes pillion passengers.

d Includes road users not separately specified.

**Table 8 Deaths from crashes involving heavy rigid trucks by State/Territory by crash type — 12 months ended December 2014**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	0	0	2	2	3	0	0	0	7
Multiple vehicle crashes	15	26	7	12	8	3	0	0	71
Pedestrian crashes	6	3	0	1	0	0	0	0	10
All crash types	21	29	9	15	11	3	0	0	88

## BUS INVOLVEMENT

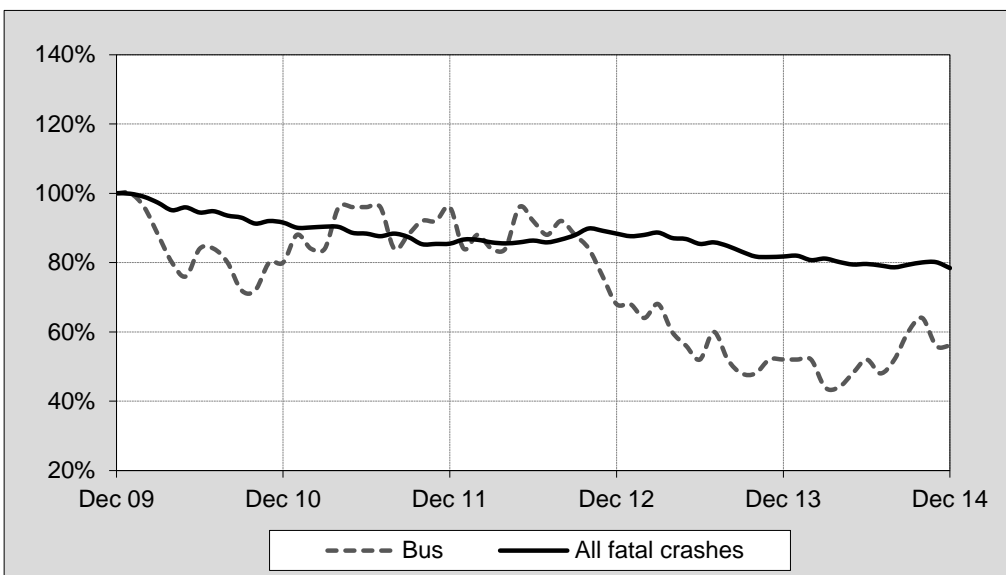
**Table 9 Fatal crashes involving buses by State/Territory**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Calendar Years</b>									
2009	8	6	8	2	0	1	0	0	25
2010	9	2	3	3	0	1	1	1	20
2011	11	5	7	0	1	0	0	0	24
2012	6	3	6	1	1	0	0	0	17
2013	2	3	5	0	0	0	1	0	11
2014	6	3	1	1	4	0	0	1	16
<b>Quarters</b>									
2012									
December	0	0	2	0	0	0	0	0	2
2013									
March	0	1	1	0	0	0	0	0	2
June	1	1	2	0	0	0	0	0	4
September	1	1	2	0	0	0	0	0	4
December	0	0	0	0	0	0	1	0	1
2014									
March	1	0	0	0	1	0	0	0	2
June	3	2	0	0	1	0	0	0	6
September	2	1	1	1	0	0	0	1	6
December	0	0	0	0	2	0	0	0	2
<b>12 Months ended</b>									
Dec-13	2	3	5	0	0	0	1	0	11
Dec-14	6	3	1	1	4	0	0	1	16
% change	200.0	0.0	-80.0	-	-	-	-100.0	-	45.5
<b>Average annual % change over 3 years<sup>a</sup></b>									
12 mths end Dec 2011									
to 12 mths end Dec 2014	-25.3	-14.2	-45.2	-	-	-	-	-	-15.2

a Average annual percentage change based on the exponential trend for the last three 12-month periods.

### Index of fatal crashes involving buses in Australia — five years ended December 2014

Each point shows the number of fatal crashes in the preceding 12 months expressed as a percentage of the corresponding number of fatal crashes in the 12 months to the end of December 2009.



## BUS INVOLVEMENT

**Table 10 Deaths from crashes involving buses by State/Territory**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Calendar Years</b>									
2009	9	9	10	2	0	1	0	0	31
2010	9	2	4	3	0	1	1	1	21
2011	11	5	8	0	1	0	0	0	25
2012	6	3	7	1	1	0	0	0	18
2013	2	3	6	0	0	0	1	0	12
2014	6	4	1	1	7	0	0	1	20
<b>Quarters</b>									
2012									
December	0	0	2	0	0	0	0	0	2
2013									
March	0	1	2	0	0	0	0	0	3
June	1	1	2	0	0	0	0	0	4
September	1	1	2	0	0	0	0	0	4
December	0	0	0	0	0	0	1	0	1
2014									
March	1	0	0	0	1	0	0	0	2
June	3	2	0	0	1	0	0	0	6
September	2	2	1	1	0	0	0	1	7
December	0	0	0	0	5	0	0	0	5
<b>12 Months ended</b>									
Dec-13	2	3	6	0	0	0	1	0	12
Dec-14	6	4	1	1	7	0	0	1	20
% change	200.0	33.3	-83.3	-	-	-	-	-	66.7
<b>Average annual % change over 3 years<sup>a</sup></b>									
12 mths end Dec 2011									
to 12 mths end Dec 2014	-25.3	-6.5	-47.2	-	-	-	-	-	-10.2

a Average annual percentage change based on the exponential trend for the last three 12-month periods.

**Table 11 Deaths from crashes involving buses by State/Territory by road user - 12 months ended December 2014**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers <sup>b</sup>	1	0	0	0	2	0	0	0	3
Passengers <sup>b</sup>	0	2	1	0	3	0	0	0	6
Pedestrians	3	2	0	0	0	0	0	1	6
Motor cyclists <sup>c</sup>	0	0	0	1	1	0	0	0	2
Pedal cyclists <sup>c</sup>	2	0	0	0	1	0	0	0	3
All road users <sup>d</sup>	6	4	1	1	7	0	0	1	20

b Includes drivers/passengers of light vehicles.

c Includes pillion passengers.

d Includes road users not separately specified.

**Table 12 Deaths from crashes involving buses by State/Territory by crash type 12 months ended December 2014**

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	0	2	1	0	1	0	0	0	4
Multiple vehicle crashes	3	0	0	1	6	0	0	0	10
Pedestrian crashes	3	2	0	0	0	0	0	1	6
All crash types	6	4	1	1	7	0	0	1	20

## APPENDIX

**Glossary** Note. The following definitions are general explanations only. The precise definitions vary across the organisations that provide the source data. These differences may result in minor inconsistencies between jurisdictions for some variables.

*Articulated truck* A motor vehicle primarily for load carrying, consisting of a prime mover that has no significant load carrying area but with a turntable device which can be linked to one or more trailers.

*Heavy rigid truck* A motor vehicle of GVM greater than 4.5 tonnes constructed with a load carrying area. Includes a rigid truck with a tow bar, draw bar or other non-articulated coupling on the rear of the vehicle.

*Gross Vehicle Mass (GVM)* Tare weight (i.e. unladen weight) of the motor vehicle plus its maximum carrying capacity excluding trailers.

*Bus* A motor vehicle constructed for the carriage of passengers which has at least 10 seats, including the driver's seat.

*Crash* Any apparently unpremeditated event reported to police, or other relevant authority, and resulting in death, injury or property damage attributable to the movement of a road vehicle on a public road.

*Road Death or Fatality* A person who dies within 30 days of a crash as a result of injuries received in that crash.

*Fatal crash* A crash for which there is at least one death.

**Preliminary data** Data for recent months are preliminary and subject to revision.

**Estimation of three year trends** In this bulletin, the figures for the 'Average annual per cent change over 3 years' are calculated by fitting an exponential trend line to the last four data points (years 0 to 3). The Excel function LOGEST performs the fit. The resulting trend line represents a constant annual percent change over the period. (Note: when fitted to a series containing small numbers, this may not be a reliable indicator of a stable trend.)

**Data Sources** The data presented here are obtained from the following sources:

- Transport for NSW
- Vicroads
- Department of Transport and Main Roads Queensland
- Department for Transport, Energy and Infrastructure, South Australia
- Western Australia Police
- Department of State Growth, Tasmania
- Department of Transport, Northern Territory
- Territory and Municipal Services, Australian Capital Territory

An online version of the database used to produce this bulletin is available from:  
< [http://www.bitre.gov.au/statistics/safety/fatal\\_road\\_crash\\_database.aspx](http://www.bitre.gov.au/statistics/safety/fatal_road_crash_database.aspx) >

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