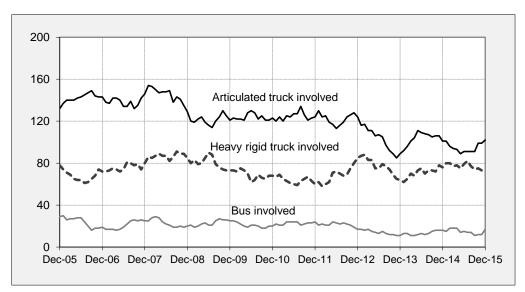
Fatal heavy vehicle crashes Australia quarterly bulletin

Oct – Dec 2015

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 2015, 210 people died from 187 fatal crashes involving heavy trucks or buses. These included:
 - 115 deaths from 102 crashes involving articulated trucks
 - 79 deaths from 72 crashes involving heavy rigid trucks
 - 20 deaths from 17 crashes involving buses^a.
- Fatal crashes involving articulated trucks:
 - increased by 1.0 per cent compared with the corresponding period one year earlier
 - decreased by an average of 4.5 per cent per year over the three years to December 2015.
- Fatal crashes involving heavy rigid trucks:
 - decreased by 5.3 per cent compared with the corresponding period one year earlier
 - decreased by an average of 3.2 per cent per year over the three years to December 2015.

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

ARTICULATED TRUCK INVOLVEMENT

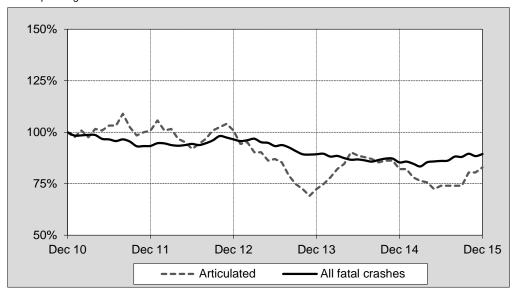
Table I Fatal crashes involving articulated trucks by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
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	28	25	26	10	6	4	0	2	101
2015	31	20	24	12	11	3	0	1	102
Quarters									
2013									
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	4	6	7	1	2	0	0	1	21
2015									
March	7	6	5	3	2	0	0	0	23
June	8	7	6	2	2	1	0	0	26
September	6	2	6	2	2	2	0	1	21
December	10	5	7	5	5	0	0	0	32
12 Months ended									
December 2014	28	25	26	10	6	4	0	2	101
December 2015	31	20	24	12	11	3	0	1	102
% change	10.7	-20.0	-7.7	20.0	83.3	-25.0	-	-50.0	1.0
Average annual % change o	ver 3 years	a							
12 mths end Dec 2013 to 12 mths end Dec 2015	-7.3	-3.7	-10.7	11.5	11.3	7.2	_	_	-4.5

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 2015

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 2010.



ARTICULATED TRUCK INVOLVEMENT

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

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
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	31	27	32	12	6	5	0	2	115
2015	34	20	29	15	12	4	0	1	115
Quarters									
2013									
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	5	6	10	2	2	0	0	1	26
2015									
March	8	6	6	5	2	0	0	0	27
June	9	7	7	2	2	1	0	0	28
September	6	2	7	3	2	3	0	1	24
December	11	5	9	5	6	0	0	0	36
12 Months ended									
December 2014	31	27	32	12	6	5	0	2	115
December 2015	34	20	29	15	12	4	0	1	115
% change	9.7	-25.9	-9.4	25.0	100.0	-20.0	-	-50.0	0.0
Average annual % change o	ver 3 vears	а							
12 mths end Dec 2013	,								
to 12 mths end Dec 2015	-11.2	-5.4	-13.1	13.9	6.3	19.5	-	-	-6.8

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 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^a	22	15	21	9	10	3	0	1	81
Passengers ^a	4	2	6	4	1	1	0	0	18
Pedestrians	5	2	2	0	0	0	0	0	9
Motor cyclists ^b	3	0	0	0	1	0	0	0	4
Pedal cyclists ^b	0	1	0	2	0	0	0	0	3
All road users ^c	34	20	29	15	12	4	0	1	115

a Includes drivers/passengers of light and heavy vehicles.

Table 4 Deaths from crashes involving articulated trucks by State/Territory and crash type — 12 months ended December 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	5	2	10	1	1	0	0	0	19
Multiple vehicle crashes	24	16	17	14	11	4	0	1	87
Pedestrian crashes	5	2	2	0	0	0	0	0	9
All crash types	34	20	29	15	12	4	0	1	115

b Includes pillion passengers.

c Includes road users not separately specified.

HEAVY RIGID TRUCK INVOLVEMENT

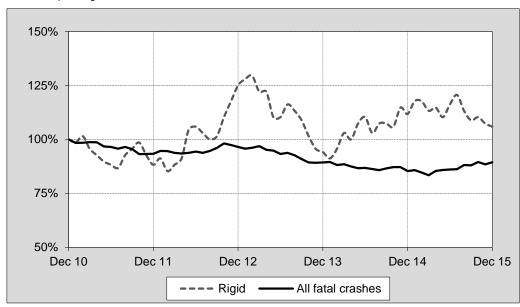
Table 5 Fatal crashes involving heavy rigid trucks by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
2011	15	14	13	6	8	2	2	0	60
2012	22	14	23	6	16	2	1	1	85
2013	22	12	11	4	15	0	0	0	64
2014	21	23	9	10	10	3	0	0	76
2015	22	18	14	2	10	5	1	0	72
Quarters									
2013									
December	6	2	3	0	6	0	0	0	17
2014									
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
2015									
March	5	6	3	1	5	1	0	0	21
June	7	4	5	1	3	1	1	0	22
September	5	2	3	0	0	1	0	0	11
December	5	6	3	0	2	2	0	0	18
12 Months ended									
December 2014	21	23	9	10	10	3	0	0	76
December 2015	22	18	14	2	10	5	1	0	72
% change	4.8	-21.7	55.6	-80.0	0.0	66.7	-	-	-5.3
Average annual % change of	ver 3 years	a							
12 mths end Dec 2013	-								
to 12 mths end Dec 2015	-0.5	15.1	-15.5	-21.2	-16.6	-	-	-	-3.2

a 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 2015

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 2010.



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
Calendar Years									_
2011	17	20	14	6	9	2	4	0	72
2012	23	15	27	7	19	4	1	1	97
2013	24	13	13	4	15	0	0	0	69
2014	21	29	9	15	11	3	0	0	88
2015	24	20	15	3	11	5	1	0	79
Quarters									
2013									
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
2015									
March	6	7	3	2	6	1	0	0	25
June	7	5	5	1	3	1	1	0	23
September	5	2	3	0	0	1	0	0	11
December	6	6	4	0	2	2	0	0	20
12 Months ended									
December 2014	21	29	9	15	11	3	0	0	88
December 2015	24	20	15	3	11	5	1	0	79
% change	14.3	-31.0	66.7	-80.0	0.0	66.7	-	-	-10.2
Average annual % change of	over 3 vears	a							
12 mths end Dec 2013									
to 12 mths end Dec 2015	-0.1	18.1	-19.2	-11.5	-17.7	-	-	-	-3.7

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 and road user — 12 months ended December 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^a	16	10	9	2	5	4	0	0	46
Passengers ^a	2	4	3	1	1	0	0	0	11
Pedestrians	1	4	0	0	2	1	1	0	9
Motor cyclists ^b	4	0	1	0	2	0	0	0	7
Pedal cyclists b	1	2	2	0	1	0	0	0	6
All road users ^c	24	20	15	3	11	5	1	0	79

a Includes drivers/passengers of light vehicles.

Tabel 8 Deaths from crashes involving heavy rigid trucks by State/Territory and crash type — 12 months ended December 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	1	0	2	0	1	1	0	0	5
Multiple vehicle crashes	22	16	13	3	8	3	0	0	65
Pedestrian crashes	1	4	0	0	2	1	1	0	9
All crash types	24	20	15	3	11	5	1	0	79

b Includes pillion passengers.

c Includes road users not separately specified.

BUS INVOLVEMENT

Table 9 Fatal crashes involving buses by State/Territory

		•		•		•			
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
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
2015	5	5	2	0	2	1	1	1	17
Quarters									
2013									
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
2015									
March	2	1	0	0	1	0	0	0	4
June	2	0	0	0	0	0	0	1	3
September	0	1	0	0	0	1	0	0	2
December	1	3	2	0	1	0	1	0	8
12 Months ended									
December 2014	6	3	1	1	4	0	0	1	16
December 2015	5	5	2	0	2	1	1	1	17
% change	-16.7	66.7	100.0	-100.0	-50.0	-	-	0.0	6.3
Average annual % change o	ver 3 years ^a								
12 mths end Dec 2013 to 12 mths end Dec 2015	5.7	16.6	-38.8	-	-	-	-	-	3.8

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 2015

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 2010.

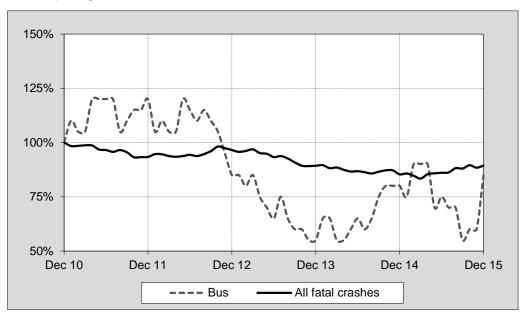


Table 10 Deaths from crashes involving buses by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
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
2015	5	6	2	0	2	1	3	1	20
Quarters									
2013									
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
2015									
March	2	1	0	0	1	0	0	0	4
June	2	0	0	0	0	0	0	1	3
September	0	2	0	0	0	1	0	0	3
December	1	3	2	0	1	0	3	0	10
12 Months ended									
December 2014	6	4	1	1	7	0	0	1	20
December 2015	5	6	2	0	2	1	3	1	20
% change	-16.7	50.0	100.0	-100.0	-71.4	-	-	0.0	0.0
Average annual % change o	over 3 years	а							
12 mths end Dec 2013 to 12 mths end Dec 2015	5.7	26.7	-42.6	-	_	_	_	-	8.6

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

Table II Deaths from crashes involving buses by State/Territory by road user - and road user — 12 months ended December 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^a	3	2	1	0	1	0	1	0	8
Passengers ^a	2	3	0	0	0	0	2	0	7
Pedestrians	0	1	0	0	0	1	0	0	2
Motor cyclists ^b	0	0	1	0	1	0	0	1	3
Pedal cyclists ^b	0	0	0	0	0	0	0	0	0
All road users ^c	5	6	2	0	2	1	3	1	20

a Includes drivers/passengers of light vehicles.

Table 12 Deaths from crashes involving buses by State/Territory by crash type - and crash type — 12 months ended December 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	0	1	0	0	0	0	0	0	1
Multiple vehicle crashes	5	4	2	0	2	0	3	1	17
Pedestrian crashes	0	1	0	0	0	1	0	0	2
All crash types	5	6	2	0	2	1	3	1	20

b Includes pillion passengers.

c Includes road users not Decarately specified.

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 New South Wales
- VicRoads
- Queensland Department of Transport and Main Roads
- Department of Planning, Transport and Infrastructure South Australia
- Western Australian Police
- Department of State Growth, Tasmania
- Department of Transport, Northern Territory
- Territory and Municipal Services Directorate, 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 >

Inquiries For further information about data in this bulletin, contact:

Bureau of Infrastructure, Transport and Regional Economics Department of Infrastructure and Regional Development

GPO Box 501 Canberra ACT 2601 Email: roadsafety@infrastructure.gov.au Internet: < http://www.bitre.gov.au >