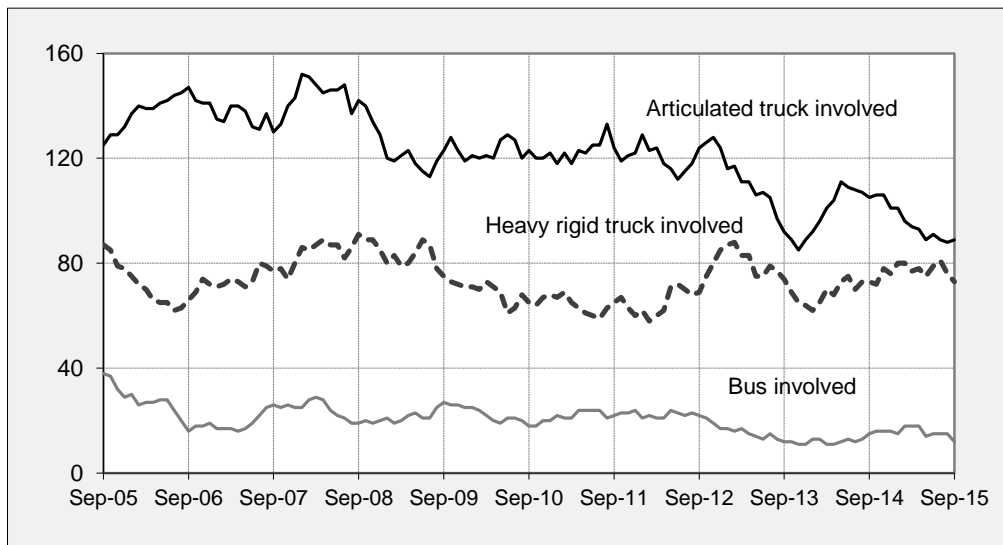




Fatal crashes involving heavy vehicles, Australia — moving annual total

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



Key features

- During the 12 months to the end of September 2015, 197 people died from 171 fatal crashes involving heavy trucks or buses. These included:
 - 102 deaths from 89 crashes involving articulated trucks
 - 82 deaths from 73 crashes involving heavy rigid trucks
 - 16 deaths from 12 crashes involving buses^a.
- Fatal crashes involving articulated trucks:
 - decreased by 15.2 per cent compared with the corresponding period one year earlier
 - decreased by an average of 8.3 per cent per year over the three years to September 2015.
- Fatal crashes involving heavy rigid trucks:
 - remained the same when compared with the corresponding period one year earlier
 - increased by an average of 1.6 per cent per year over the three years to September 2015.

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

ARTICULATED TRUCK INVOLVEMENT

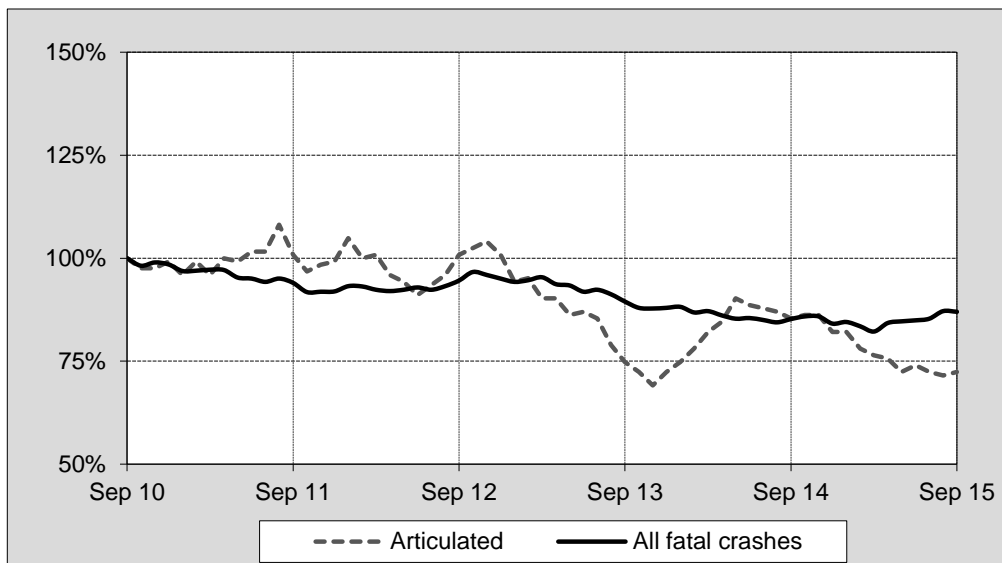
Table I Fatal crashes involving articulated trucks by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
2010	41	30	25	7	14	3	1	1	122
2011	43	19	32	12	11	2	3	0	122
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
Quarters									
2013									
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	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	7	1	5	2	2	1	0	1	19
12 Months ended									
September 2014	31	23	26	12	6	5	1	1	105
September 2015	26	20	23	8	8	2	0	2	89
% change	-16.1	-13.0	-11.5	-33.3	33.3	-60.0	-100.0	100.0	-15.2
Average annual % change over 3 years^a									
<i>12 mths end Sep 2013</i>									
<i>to 12 mths end Sep 2015</i>	-12.4	-0.9	-14.6	5.5	2.5	4.0	-	-	-8.3

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 September 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 September 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									
2010	51	35	29	7	15	3	1	1	142
2011	47	21	39	13	13	2	3	0	138
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
Quarters									
2013									
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	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	7	1	6	3	2	1	0	1	21
12 Months ended									
September 2014	34	27	29	13	6	6	1	1	117
September 2015	29	20	29	12	8	2	0	2	102
% change	-14.7	-25.9	0.0	-7.7	33.3	-66.7	-100.0	100.0	-12.8
Average annual % change over 3 years^a									
12 mths end Sep 2013									
to 12 mths end Sep 2015	-14.4	-1.9	-15.6	14.8	-2.0	5.9	-	-	-9.3

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 September 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^a	19	13	19	6	7	2	0	1	67
Passengers ^a	5	3	7	5	0	0	0	0	20
Pedestrians	3	2	2	0	0	0	0	0	7
Motor cyclists ^b	2	1	1	0	1	0	0	1	6
Pedal cyclists ^b	0	1	0	1	0	0	0	0	2
All road users ^c	29	20	29	12	8	2	0	2	102

a Includes drivers/passengers of light and heavy vehicles.

b Includes pillion passengers.

c Includes road users not separately specified.

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

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	5	2	10	1	8	0	0	0	26
Multiple vehicle crashes	21	16	17	11	0	2	0	2	69
Pedestrian crashes	3	2	2	0	0	0	0	0	7
All crash types	29	20	29	12	8	2	0	2	102

HEAVY RIGID TRUCK INVOLVEMENT

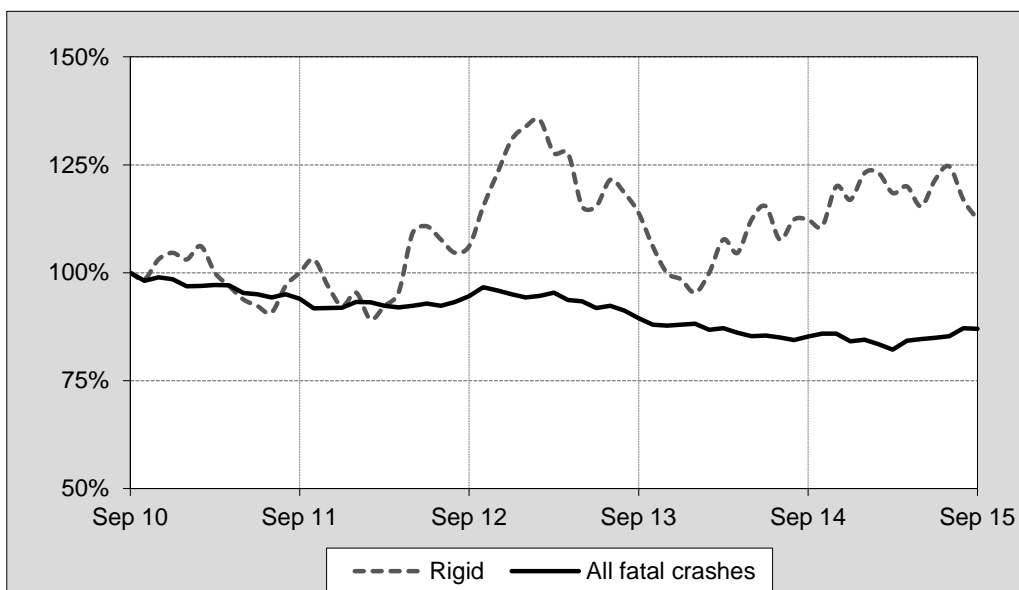
Table 5 Fatal crashes involving heavy rigid trucks by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
2010	20	18	12	2	11	4	0	1	68
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
Quarters									
2013									
September	7	4	4	0	3	0	0	0	18
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	2	0	0	1	0	0	10
12 Months ended									
September 2014	23	16	11	6	14	3	0	0	73
September 2015	21	21	11	6	10	3	1	0	73
% change	-8.7	31.3	0.0	0.0	-28.6	0.0	-	-	0.0
Average annual % change over 3 years^a									
<i>12 mths end Sep 2013</i>									
to 12 mths end Sep 2015	-0.5	19.0	-15.5	21.2	-5.3	-	-	-	1.6

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 September 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 September 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									
2010	24	21	15	2	13	5	0	1	81
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
Quarters									
2013									
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
2015									
March	6	7	3	2	6	1	0	0	25
June	7	5	5	1	3	1	1	0	23
September	5	2	2	0	0	1	0	0	10
12 Months ended									
September 2014	23	21	12	8	15	3	0	0	82
September 2015	22	24	11	10	11	3	1	0	82
% change	-4.3	14.3	-8.3	25.0	-26.7	0.0	-	-	0.0
Average annual % change over 3 years^a									
12 mths end Sep 2013									
to 12 mths end Sep 2015	-2.6	11.3	-20.5	33.4	-5.5	-	-	-	-1.0

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 September 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^a	12	10	8	5	6	2	0	0	43
Passengers ^a	1	4	1	4	1	0	0	0	11
Pedestrians	3	4	0	1	1	1	1	0	11
Motor cyclists ^b	5	4	1	0	2	0	0	0	12
Pedal cyclists ^b	1	2	1	0	1	0	0	0	5
All road users ^c	22	24	11	10	11	3	1	0	82

a Includes drivers/passengers of light vehicles.

b Includes pillion passengers.

c Includes road users not separately specified.

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

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	0	0	2	0	9	1	0	0	12
Multiple vehicle crashes	19	20	9	9	1	1	0	0	59
Pedestrian crashes	3	4	0	1	1	1	1	0	11
All crash types	22	24	11	10	11	3	1	0	82

BUS INVOLVEMENT

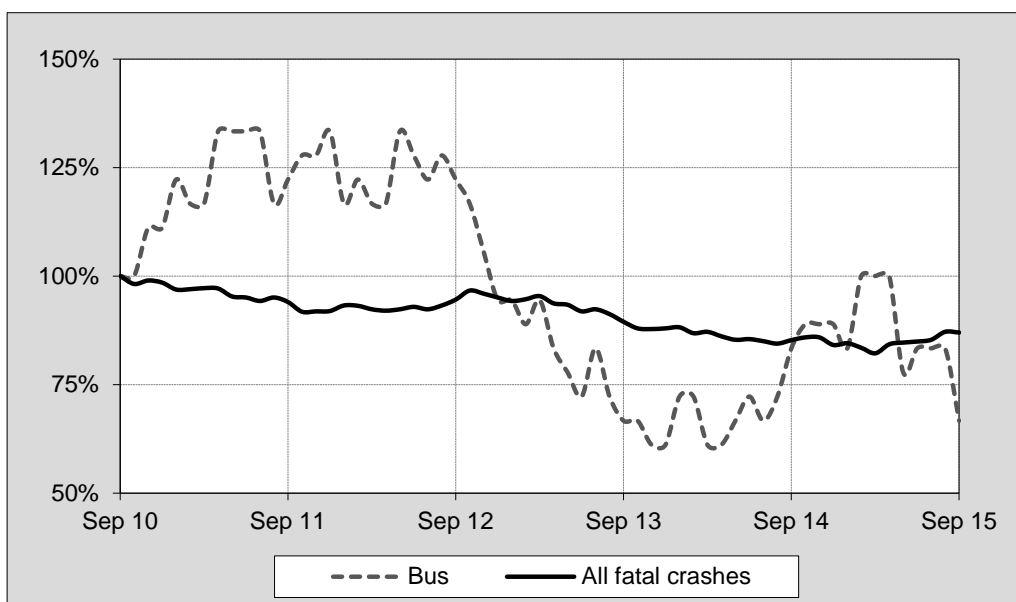
Table 9 Fatal crashes involving buses by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
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
Quarters									
2013									
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
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	1	1	0	0	3
12 Months ended									
September 2014	6	3	1	1	2	0	1	1	15
September 2015	4	2	0	0	4	1	0	1	12
% change	-33.3	-33.3	-100.0	-100.0	100.0	-	-100.0	0.0	-20.0
Average annual % change over 3 years^a									
12 mths end Sep 2013									
to 12 mths end Sep 2015	-17.6	-24.0	-	-	-	-	-	-	-14.7

^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 September 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 September 2010.



BUS INVOLVEMENT

Table 10 Deaths from crashes involving buses by State/Territory

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Calendar Years									
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
Quarters									
2013									
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
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	1	1	0	0	4
12 Months ended									
September 2014	6	4	1	1	2	0	1	1	16
September 2015	4	3	0	0	7	1	0	1	16
% change	-33.3	-25.0	-100.0	-100.0	250.0	-	-100.0	0.0	0.0
Average annual % change over 3 years^a									
12 mths end Sep 2013									
to 12 mths end Sep 2015	-17.6	-11.7	-	-	-	-	-	-	-8.4

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 - and road user — 12 months ended September 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^a	2	0	0	0	3	0	0	0	5
Passengers ^a	2	2	0	0	3	0	0	0	7
Pedestrians	0	1	0	0	0	1	0	0	2
Motor cyclists ^b	0	0	0	0	1	0	0	1	2
Pedal cyclists ^b	0	0	0	0	0	0	0	0	0
All road users ^c	4	3	0	0	7	1	0	1	16

a Includes drivers/passengers of light vehicles.

b Includes pillion passengers.

c Includes road users not separately specified.

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

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	0	0	0	0	3	0	0	0	3
Multiple vehicle crashes	4	2	0	0	4	0	0	1	11
Pedestrian crashes	0	1	0	0	0	1	0	0	2
All crash types	4	3	0	0	7	1	0	1	16

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.

<i>Articulated truck</i>	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.
<i>Heavy rigid truck</i>	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.
<i>Gross Vehicle Mass (GVM)</i>	Tare weight (i.e. unladen weight) of the motor vehicle plus its maximum carrying capacity excluding trailers.
<i>Bus</i>	A motor vehicle constructed for the carriage of passengers which has at least 10 seats, including the driver's seat.
<i>Crash</i>	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.
<i>Road Death or Fatality</i>	A person who dies within 30 days of a crash as a result of injuries received in that crash.
<i>Fatal crash</i>	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 >

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