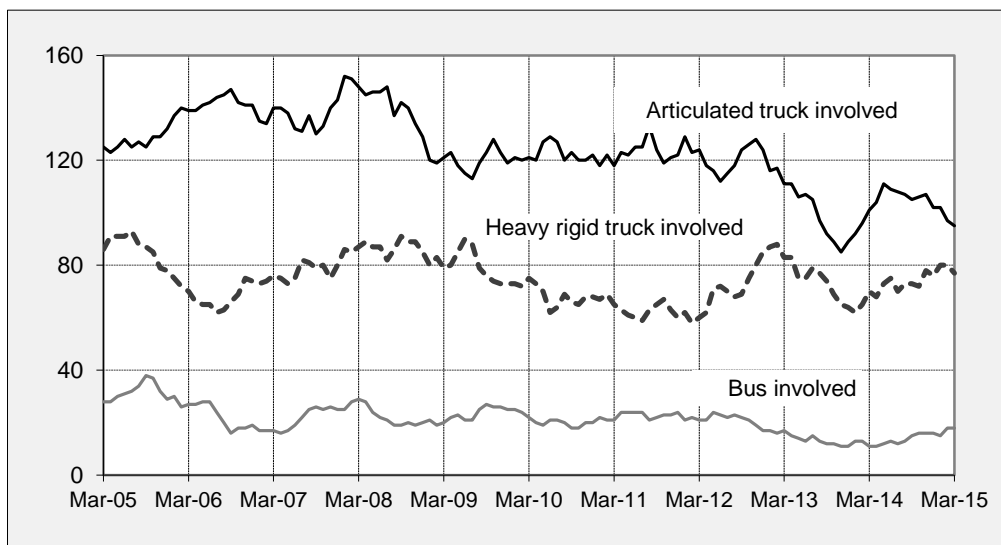




Fatal crashes involving heavy vehicles, Australia — moving annual total

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



Key features

- During the 12 months to the end of March 2015, 220 people died from 188 fatal crashes involving heavy trucks or buses. These included:
 - 113 deaths from 95 crashes involving articulated trucks
 - 87 deaths from 77 crashes involving heavy rigid trucks
 - 22 deaths from 18 crashes involving buses^a.
- Fatal crashes involving articulated trucks:
 - decreased by 5.9 per cent compared with the corresponding period one year earlier
 - decreased by an average of 8.5 per cent per year over the three years to March 2015.
- Fatal crashes involving heavy rigid trucks:
 - increased by 10.0 per cent compared with the corresponding period one year earlier
 - increased by an average of 6.0 per cent per year over the three years to March 2015.

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

ARTICULATED TRUCK INVOLVEMENT

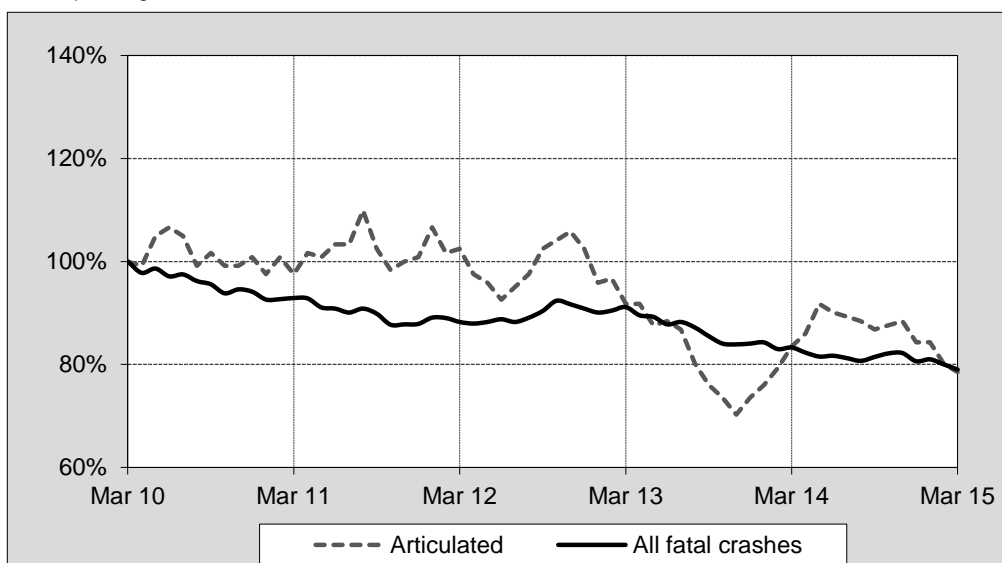
Table I Fatal crashes involving articulated trucks by State/Territory

	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	29	25	26	10	6	4	0	2	102
Quarters									
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	6	7	1	2	0	0	1	22
2015									
March	7	6	5	3	2	0	0	0	23
12 Months ended									
March 2014	36	14	31	8	8	1	3	0	101
March 2015	25	25	21	10	8	4	0	2	95
% change	-30.6	78.6	-32.3	25.0	0.0	300.0	-100.0	-	-5.9
Average annual % change over 3 years^a									
<i>12 mths end Mar 2013</i>									
to 12 mths end Mar 2015	-15.7	4.0	-11.9	-4.1	-4.7	-6.7	-	-	-8.5

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 March 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 March 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	32	27	32	12	6	5	0	2	116
Quarters									
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	6	10	2	2	0	0	1	27
2015									
March	8	6	6	5	2	0	0	0	27
12 Months ended									
March 2014	38	16	37	10	11	1	4	0	117
March 2015	29	27	28	14	8	5	0	2	113
% change	-23.7	68.8	-24.3	40.0	-27.3	400.0	-100.0	-	-3.4
Average annual % change over 3 years^a									
12 mths end Mar 2013									
to 12 mths end Mar 2015	-17.2	2.8	-8.9	3.3	-5.9	-0.2	-	-	-7.7

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 March 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^b	17	16	19	9	6	4	0	1	72
Passengers ^b	7	4	6	4	0	1	0	0	22
Pedestrians	4	6	1	0	0	0	0	0	11
Motor cyclists ^c	1	1	1	0	1	0	0	1	5
Pedal cyclists ^c	0	0	1	1	1	0	0	0	3
All road users ^d	29	27	28	14	8	5	0	2	113

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 March 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	6	2	5	1	4	1	0	0	19
Multiple vehicle crashes	19	19	22	13	4	4	0	2	83
Pedestrian crashes	4	6	1	0	0	0	0	0	11
All crash types	29	27	28	14	8	5	0	2	113

HEAVY RIGID TRUCK INVOLVEMENT

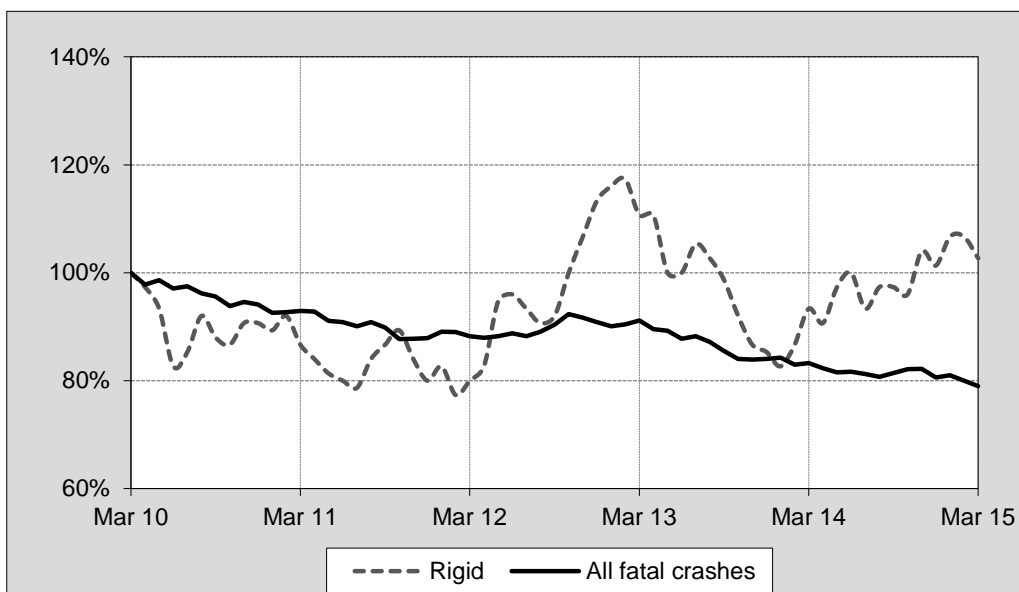
Table 5 Fatal crashes involving heavy rigid trucks by State/Territory

	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									
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
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
12 Months ended									
March 2014	27	14	10	5	13	1	0	0	70
March 2015	18	24	11	8	13	3	0	0	77
% change	-33.3	71.4	10.0	60.0	0.0	200.0	-	-	10.0
Average annual % change over 3 years^a									
<i>12 mths end Mar 2013</i>									
to 12 mths end Mar 2015	8.8	17.6	-17.0	5.4	17.2	-	-	-	6.0

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 March 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 March 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									
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
2015									
March	6	7	3	2	6	1	0	0	25
12 Months ended									
March 2014	29	19	12	6	14	1	0	0	81
March 2015	19	27	11	13	14	3	0	0	87
% change	-34.5	42.1	-8.3	116.7	0.0	200.0	-	-	7.4
Average annual % change over 3 years^a									
12 mths end Jun 2013									
to 12 mths end Jun 2015	5.5	12.0	-18.5	22.5	14.1	-	-	-	3.8

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 March 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^b	11	11	8	8	7	2	0	0	47
Passengers ^b	1	5	1	4	2	0	0	0	13
Pedestrians	3	5	0	1	1	0	0	0	10
Motor cyclists ^c	4	4	1	0	3	1	0	0	13
Pedal cyclists ^c	0	2	1	0	1	0	0	0	4
All road users ^d	19	27	11	13	14	3	0	0	87

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 and road user — 12 months ended March 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	0	0	3	1	8	0	0	0	12
Multiple vehicle crashes	16	22	8	11	5	3	0	0	65
Pedestrian crashes	3	5	0	1	1	0	0	0	10
All crash types	19	27	11	13	14	3	0	0	87

BUS INVOLVEMENT

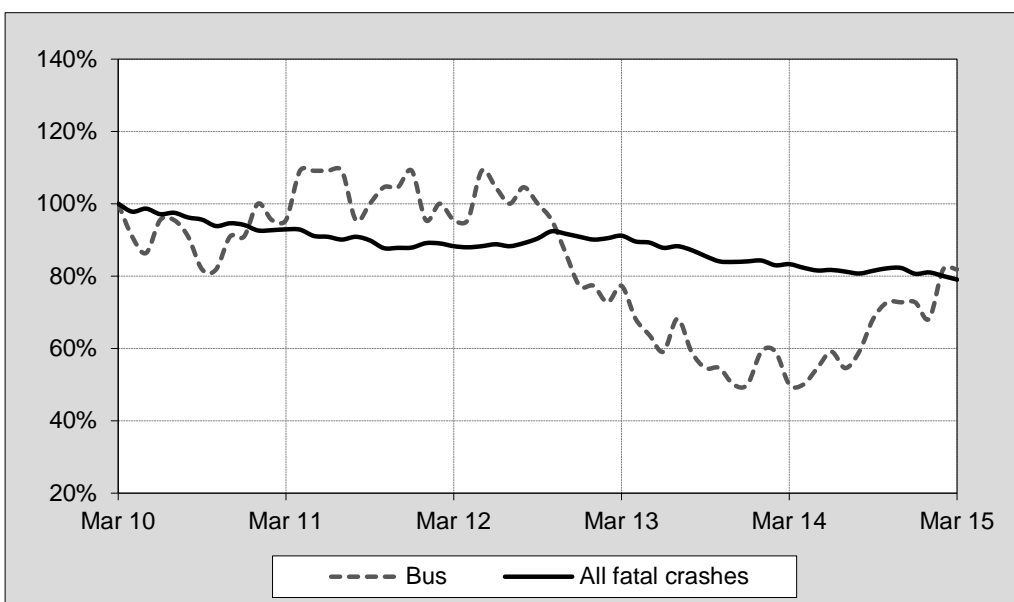
Table 9 Fatal crashes involving buses by State/Territory

	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									
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
2015									
March	2	1	0	0	1	0	0	0	4
12 Months ended									
June 2014	3	2	4	0	1	0	1	0	11
June 2015	7	4	1	1	4	0	0	1	18
% change	133.3	100.0	-75.0	-	300.0	-	-100.0	-	63.6
Average annual % change over 3 years^a									
12 mths end Jun 2013									
to 12 mths end Jun 2015	-14.6	-6.7	-43.9	-	51.6	-	-	-	-8.6

^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 March 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 March 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									
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
2015									
March	2	1	0	0	1	0	0	0	4
12 Months ended									
March 2014	3	2	4	0	1	0	1	0	11
March 2015	7	5	1	1	7	0	0	1	22
% change	133.3	150.0	-75.0	-	600.0	-	-100.0	-	100.0
Average annual % change over 3 years^a									
12 mths end Mar 2013									
to 12 mths end Mar 2015	-14.6	-0.2	-45.5	-	79.3	-	-	-	-4.0

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 June 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers ^b	2	0	0	0	2	0	0	0	4
Passengers ^b	1	2	1	0	3	0	0	0	7
Pedestrians	2	3	0	0	0	0	0	1	6
Motor cyclists ^c	0	0	0	1	1	0	0	0	2
Pedal cyclists ^c	2	0	0	0	1	0	0	0	3
All road users ^d	7	5	1	1	7	0	0	1	22

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 - and road user — 12 months ended June 2015

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Single vehicle crashes	0	2	1	0	2	0	0	0	5
Multiple vehicle crashes	5	0	0	1	5	0	0	0	11
Pedestrian crashes	2	3	0	0	0	0	0	1	6
All crash types	7	5	1	1	7	0	0	1	22

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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