



Australian Government

**Department of Infrastructure, Transport,
Regional Development and Local Government**

Bureau of Infrastructure, Transport and Regional Economics

STATISTICAL REPORT



Road

**Road Deaths Australia
2009 Statistical Summary**

Bureau of Infrastructure, Transport and Regional Economics

Road Deaths Australia

2009 Statistical Summary

Department of Infrastructure, Transport,
Regional Development and Local Government
Canberra, Australia

© Commonwealth of Australia, 2010

ISSN 1323-3688

ISBN 978-1-921260-47-6

JULY 2010 / INFRASTRUCTURE09216

This publication is available in PDF format from the Bureau of Infrastructure, Transport and Regional Economics website at www.bitre.gov.au—if you require part or all of this publication in a different format, please contact BITRE.

An appropriate citation for this report is:

Bureau of Infrastructure, Transport and Regional Economics (BITRE), 2010, *Road Deaths Australia 2009 Statistical Summary*, Canberra ACT.

Indemnity statement

The Bureau of Infrastructure, Transport and Regional Economics has taken due care in preparing the analyses contained in this report. However, noting that data used for the analyses have been provided by third parties, the Commonwealth gives no warranty to the accuracy, reliability, fitness for purpose, or otherwise of the information.

Published by

Bureau of Infrastructure, Transport and Regional Economics

GPO Box 501, Canberra ACT 2601, Australia

Telephone (international) +61 2 6274 7210

Fax +61 2 6274 6816

Email: bitre@infrastructure.gov.au

Internet: <http://www.bitre.gov.au>

At a glance

Presented are annual summaries of data for Australian road fatalities to the period ended December 2009, including cross-tabulations of deaths by age, sex, road user type and jurisdiction. Fatal crashes are analysed by time of week, posted speed limit and the number of involved vehicles. The focus of the report is on the last five years to 2009, however, longer time series are also included. This report contains no data on crashes that do not result in a fatality. Nor are causal and contributory factors included.

- In 2009, 1507 people lost their lives in road crashes. Despite this figure being a 5 per cent increase over that of the previous year, it continues the shallow long-term downward trend evident over the last few years.
- Recent trends vary by age group: the number of deaths in the 40–59 years age group is increasing with some consistency; in comparison, deaths in the 17–25 years age group are trending down, as are deaths of road users aged above 60 years.
- The number of pedestrian deaths shows a flat trend, with the exception of younger pedestrians (under 17 years), which is declining. Total numbers of motorcyclist deaths are falling, however, deaths of middle-aged riders (40–59 years) are increasing.
- Classifying deaths over time by the number of vehicles involved in the crash shows that single vehicle crashes (excluding pedestrian crashes) account for a slowly increasing proportion of deaths. The average for the last three years is 54 per cent. Six and three years prior to that, the proportions were 50 and 52 per cent respectively.
- When adjusted for population, vehicle registrations or vehicle-kilometres, the annual rates are declining faster than the absolute numbers. The current rate of annual deaths per 100 000 population is 6.9 per cent.

The data used for this report is publicly available via a web-based tool at

http://www.infrastructure.gov.au/roads/safety/road_fatality_statistics/index.aspx .

Acknowledgements

The Department of Infrastructure, Transport, Regional Development and Local Government gratefully acknowledges the provision of police road crash data by the New South Wales Roads and Traffic Authority; VicRoads; Queensland Department of Transport and Main Roads; Department for Transport, Energy and Infrastructure South Australia; Western Australian Police Service; Department of Infrastructure, Energy and Resources Tasmania; Northern Territory Department of Lands and Planning; and Territory and Municipal Services Australian Capital Territory.

Executive summary

This report summarises the latest calendar year data (2009) for fatal road crashes. It is based on the Australian Road Deaths Database, held by the Department of Infrastructure, Transport, Regional Development and Local Government and compiled from data provided by the road safety and police agencies in each jurisdiction.

Analyses are provided for broad categorisations such as demographics, road user type, jurisdiction, speed limit and time of day / day of week.

Latest year on year changes

In 2009 1507 people died in road crashes. In comparison to the previous year, this is an increase of 4.6 per cent.

Jurisdictions

- Decreases were recorded in Victoria (down 4.3 per cent); Northern Territory (down 58.7 per cent); Western Australia (down 5.7 per cent); and the Australian Capital Territory (down 14.3 per cent).
- Increases were recorded in New South Wales (up 23.8 per cent); South Australia (up 20.2 per cent); and Tasmania (64.1 per cent). Queensland data was up 0.9 per cent.

Road user groups

- Driver deaths increased by 6.7 per cent.
- Passenger deaths increased by 9.2 per cent.
- Pedestrian deaths increased by 5.8 per cent.
- Motorcyclist deaths decreased by 8.2 per cent.
- There were three more pedal cyclist deaths (up from 28 to 31).

Five-year trends

In this document average annual changes are calculated by fitting an exponential trend to the data over the last five periods (six data points). Between 2004 and 2009 road deaths decreased at an average rate of 1.7 per cent per year.

Jurisdictions

- The greatest average annual decrease was observed in South Australia (down 5.4 per cent per annum); followed by NSW (down 4.3 per cent); Victoria (down 3.5 per cent); and Tasmania (down 1.5 per cent).
- Average annual increases occurred in Western Australia (up 4.1 per cent per annum); Queensland (up 1.0 per cent), and the Northern Territory (up 1.6 per cent).

Road user groups

- Pedestrian deaths showed the greatest average annual decrease of 3.1 per cent.
- Passenger deaths had an average annual decrease of 2.4 per cent.
- Driver deaths decreased on average by 1.9 per cent per year.
- Motorcyclist deaths increased by an average of 2.5 per cent annually.
- Deaths of pedal cyclists decreased at 7.5 per cent per year.

Age groups

- Deaths in the 0–16 age group declined at an average rate of 2.6 per cent per year.
- The 17–25 age group declined on average by 3.8 per cent per year.
- The 26–39 year group declined at an average rate of 1.2 per cent per year.
- The 40–59 year group increased at a rate of 1.3 per cent per year.
- The 60+ age group declined on average by 3.0 per cent per year.

The five-year trend differed between males and females: females showed an average annual decrease of 2.6 per cent and males had an average annual decrease of 1.5 per cent.

Death rate per 100 000 population

Between 2008 and 2009 the number of people killed per year per 100 000 resident Australian population rose from 6.7 to 6.9. Five years ago, the figure was 7.9.

Crashes involving heavy trucks and buses

There were 121 fatal crashes that involved articulated trucks in 2009, and these resulted in 146 deaths. This compares with 129 fatal crashes and 150 deaths the previous year.

There were 82 fatal crashes involving heavy rigid trucks in the 12 months to September 2009, (the latest available), and these resulted in 85 deaths. This compares with 93 fatal crashes and 100 deaths during the corresponding period one year earlier.

There were 24 fatal crashes involving buses in 2009, and these resulted in 30 deaths. This compares with 21 fatal crashes and 22 deaths recorded the previous year.

Tables

T1.1	Deaths by state/territory and road user—2005 to 2009.....	1
T1.2	Deaths by age and road user—Australia 2005 to 2009.....	4
T1.3	Deaths by gender and road user—Australia 2005 to 2009.....	7
T1.4	Share of deaths by age, gender and road user—Australia 2009 and 2004.....	8
T1.5	Deaths by gender and age, all road users—Australia 1990 to 2009.....	15
T1.6	Deaths by gender and age, drivers—Australia 1990 to 2009.....	16
T1.7	Deaths by gender and age, passengers—Australia 1990 to 2009.....	17
T1.8	Deaths by gender and age, pedestrians—Australia 1990 to 2009.....	18
T1.9	Deaths by gender and age, motorcyclists— Australia 1990 to 2009.....	19
T1.10	Deaths by gender and age, pedal cyclists—Australia 1990 to 2009.....	20
T2.1	Deaths per 100 000 population by state/territory—1980 to 2009.....	23
T2.2	Deaths per 100 million vehicle-kilometre travelled.....	23
T2.3	Deaths per 100 000 population by age group for all road users— Australia 1990 to 2009.....	24
T2.4	Deaths per 100 000 population by age group for drivers— Australia 1990 to 2009.....	25
T2.5	Deaths per 100 000 population by age group for passengers — Australia 1990 to 2009.....	26
T2.6	Deaths per 100 000 population by age group for pedestrians — Australia 1990 to 2009.....	27
T2.7	Deaths per 100 000 population by age group for motorcyclists — Australia 1990 to 2009.....	28
T2.8	Deaths per registered motor vehicle by state/territory — 1990 to 2009.....	30
T2.9	Deaths of motorcyclists per registered motorcycle by state/territory — 1990 to 2009.....	30
T3.1	Fatal crashes by crash type and state/territory—2005 to 2009.....	33
T3.2	Fatal crashes by speed zone and state/territory—2005 to 2009.....	34
T3.3	Fatal crashes by crash type, time of day and day of week — Australia 2005 to 2009.....	36
T3.4	Fatal crashes involving vehicle occupant death by crash type, time of day and day of week—Australia, 2005 to 2009.....	38

T3.5	Fatal crashes involving vehicle occupant death by crash type and speed zone— Australia, 2005 to 2009	40
T3.6	Fatal crashes involving motorcyclist death by crash type, time of day and day of week—2005 to 2009	41
T3.7	Fatal crashes involving motorcyclist death by crash type and speed zone— Australia, 2005 to 2009	43
T3.8	Fatal crashes involving pedestrian death by time of day and day of week— Australia, 2005 to 2009	44
T3.9	Fatal crashes involving pedestrian death by speed zone— Australia, 2005 to 2009	44
T3.10	Fatal crashes by road user time of day and day of week—Australia three years 2007 to 2009 combined.....	46
T3.11	Fatal crashes by state/territory – 1990 to 2009	49
T3.12	Fatal crashes and deaths involving articulated trucks by state/territory — 1990 to 2009	50
T3.13	Fatal crashes involving articulated trucks by state /territory and speed zone at crash site—2000 to 2009	51
T3.14	Summary comparisons of fatal articulated truck crashes— Australia 2005 to 2009.....	51
T3.15	Fatal crashes and deaths involving heavy rigid trucks by state/territory— 2004 to 2008	52
T3.16	Fatal crashes involving heavy rigid trucks by state and speed zone at crash site—2004 to 2008	53
T3.17	Summary comparisons of fatal heavy rigid truck crashes— Australia 2004 to 2008.....	53
T3.18	Fatal crashes and deaths involving buses by state/territory – 1990 to 2009	54
T3.19	Fatal crashes involving buses by state/territory and speed zone at crash site—2000 to 2009	55
T3.20	Summary comparisons of fatal articulated truck crashes— Australia 2005 to 2009.....	55
T3.21	Deaths by month – Australia 1994 to 2009	57

Figures

FI.1	Per cent change by road user for each state/territory—2008, 2009 and five-year trend	2
FI.2	Per cent change by road user for each age group—2008, 2009 and five- year trend.....	5
FI.3	Annual deaths by gender and road user—last five years	9
FI.4	Indices for counts of deaths by road user.....	11
FI.5	Indices for counts of deaths by gender and road user—2004 to 2009	12
FI.6	Indices for counts of deaths by road user, gender and selected age groups —2004 to 2009.....	13
FI.7	Road deaths by state/territory—last five calendar years.....	21
F2.1	Annual deaths per 100 000 population for road user groups—2005 to 2009	29
F2.2	Deaths per registered vehicle by vehicle type—last ten years.....	31
F2.3	Annual road deaths and rate per population	31
F3.1	Fatal crashes by crash type—2005 to 2009.....	35
F3.2	Fatal crashes by speed zone—2005 to 2009	35
F3.3	Proportion of crashes occurring during night-time.....	37
F3.4	Proportion of crashes occurring during weekend.....	37
F3.5	Proportion of crashes involving occupant death occurring during night.....	39
F3.6	Proportion of crashes involving occupant death occurring during weekend.....	39
F3.7	Proportion of crashes involving motorcyclist death occurring during night.....	42
F3.8	Proportion of crashes involving motorcyclist death occurring during weekend ...	42
F3.9	Proportion of crashes involving pedestrian death occurring during night	45
F3.10	Proportion of crashes involving pedestrian death occurring during weekend.....	45
F3.11	Crashes involving death of selected road users by time of day and day of week—three years 2007–2009 combined.....	47
F3.12	Indices for fatal crashes involving articulated trucks—2004 to 2009.....	50
F3.13	Indices for fatal crashes involving heavy rigid trucks by state/territory—2003 to September 2009	52
F3.14	Indices for fatal crashes involving buses—2004 to 2009.....	54
F3.15	Indices for fatal crashes in each state and territory—2004 to 2009.....	56

CHAPTER I

Road crash deaths

TI.1 Deaths by state/territory and road user—2005 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
All road users ^a									
2005	508	346	330	148	163	51	55	26	1 627
2006	496	337	335	117	203	55	46	13	1 602
2007	435	332	360	124	235	45	58	14	1 603
2008	374	303	328	99	209	39	75	14	1 441
2009	463	290	331	119	197	64	31	12	1 507
Per cent change 2008–09	23.8	–4.3	0.9	20.2	–5.7	64.1	–58.7	–14.3	4.6
Average change 2004–09 ^b	–4.3	–3.5	1.0	–5.4	4.1	–1.5	1.6	–1.0	–1.7
Drivers									
2005	235	164	157	73	86	28	24	8	775
2006	249	155	156	58	94	26	15	6	759
2007	215	173	171	60	112	21	24	8	784
2008	194	140	141	46	106	19	24	3	673
2009	217	142	155	60	94	30	16	4	718
Per cent change 2008–09	11.9	1.4	9.9	30.4	–11.3	57.9	–33.3	33.3	6.7
Average change 2004–09	–2.8	–3.6	0.2	–7.7	3.8	–2.4	0.5	–10.2	–1.9
Passengers									
2005	100	78	65	39	35	10	16	4	347
2006	102	63	66	21	52	20	11	1	336
2007	77	67	64	36	62	11	18	2	337
2008	67	52	78	23	44	11	24	4	303
2009	102	54	68	33	43	21	6	4	331
Per cent change 2008–09	52.2	3.8	–12.8	43.5	–2.3	90.9	–75.0	0.0	9.2
Average change 2004–09	–6.6	–8.0	0.5	2.8	2.8	1.3	0.8	–	–2.4
Pedestrians									
2005	96	49	38	12	16	2	8	5	226
2006	72	58	46	12	22	3	14	2	229
2007	68	41	42	15	20	4	13	1	204
2008	49	59	30	12	19	1	17	3	190
2009	63	50	40	9	27	3	7	2	201
Per cent change 2008–09	28.6	–15.3	33.3	–25.0	42.1	200.0	–58.8	–33.3	5.8
Average change 2004–09	–9.7	0.9	0.0	–2.2	1.8	–8.8	2.7	–6.2	–3.1
Motorcyclists ^c									
2005	64	48	64	19	21	7	2	8	233
2006	66	47	58	22	32	5	6	3	239
2007	61	45	73	8	37	7	3	3	237
2008	55	43	72	17	36	8	10	4	245
2009	68	38	60	15	33	8	1	2	225
Per cent change 2008–09	23.6	–11.6	–16.7	–11.8	–8.3	0.0	–90.0	–50.0	–8.2
Average change 2004–09	0.8	–0.7	5.0	–8.3	11.4	4.1	–	–5.8	2.5
Pedal Cyclists									
2005	13	7	5	3	5	4	3	1	41
2006	7	14	9	4	3	1	0	1	39
2007	14	6	10	5	4	2	0	0	41
2008	8	9	7	1	3	0	0	0	28
2009	13	6	8	2	0	2	0	0	31
Per cent change 2008–09	–42.9	50.0	–30.0	–80.0	–25.0	–	–	–	–31.7
Average change 2004–09	–5.0	–5.9	1.5	–13.6	–	–	–	–	–7.5

^a Includes deaths with unstated road user group.

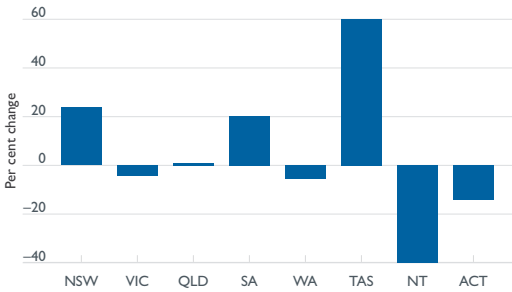
^b All average annual percentage changes are based on an estimated exponential trend for the last five 12-month periods.

^c Includes pillion passengers.

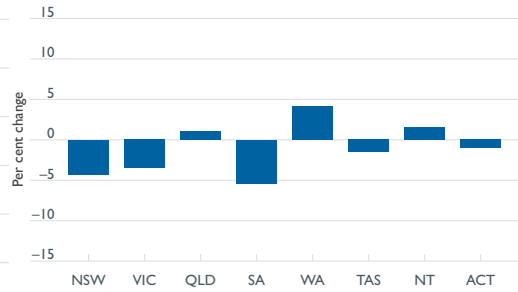
FI.1 Per cent change by road user for each state/territory—2008, 2009 and five-year trend

A All road users

Per cent change for 2009 over 2008

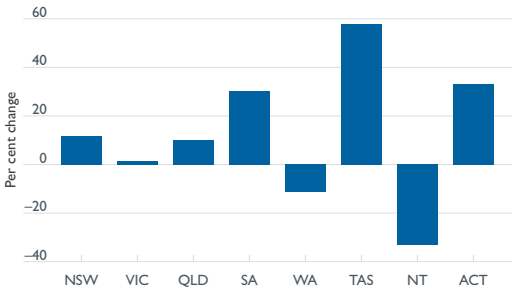


Average annual per cent change 2004 to 2009 ^a

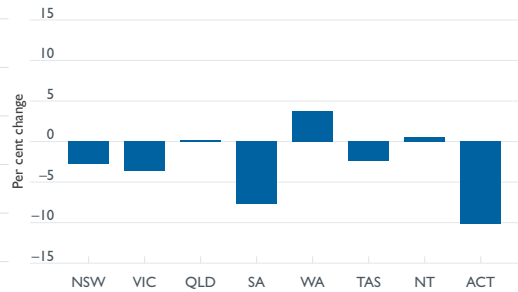


B Drivers

Per cent change for 2009 over 2008

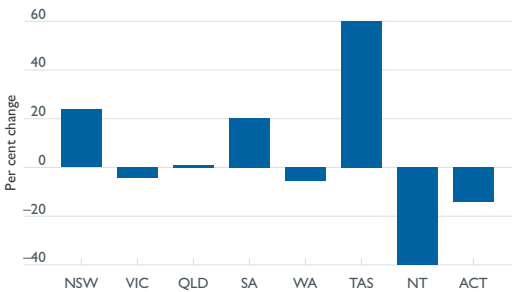


Average annual per cent change 2004 to 2009

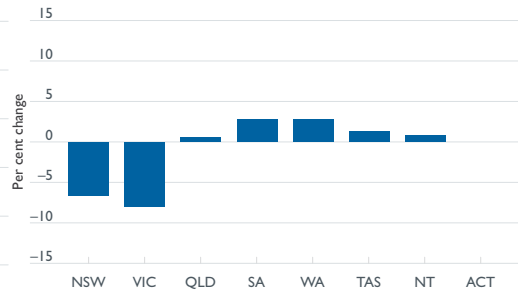


C Passengers

Per cent change for 2009 over 2008



Average annual per cent change 2004 to 2009

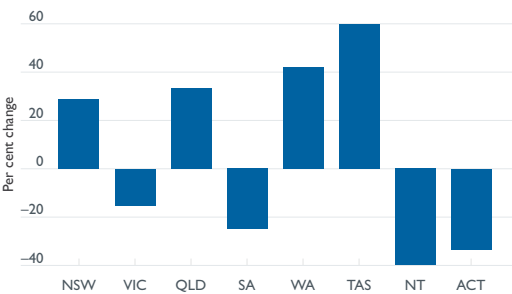


^a Average annual percentage change based on the exponential trend for the last five 12-month periods

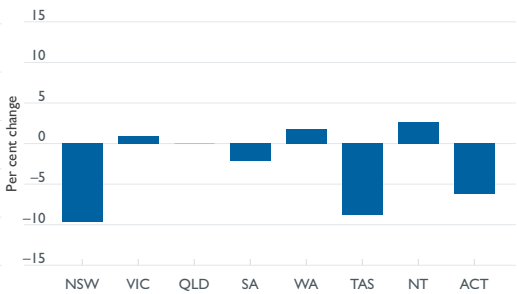
FI.1 Per cent change by road user for each state/territory—2008, 2009 and five-year trend (continued)

D Pedestrians

Per cent change for 2009 over 2008

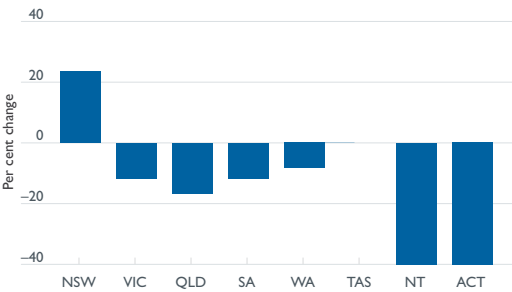


Average annual per cent change 2004 to 2009

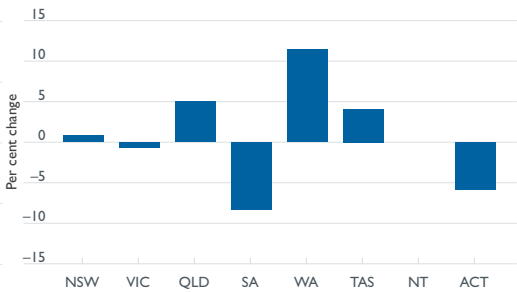


E Motorcyclists

Per cent change for 2009 over 2008



Average annual per cent change 2004 to 2009



T1.2 Deaths by age and road user—Australia 2005 to 2009

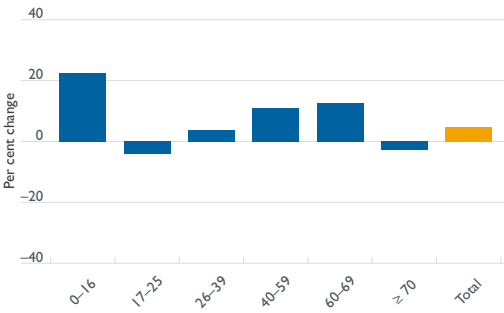
	0–16 years	17–25 years	26–39 years	40–59 years	60–69 years	70+ years	All deaths ^a
All road users ^b							
2005	110	426	414	347	123	204	1,627
2006	118	436	393	360	108	186	1,602
2007	101	392	412	391	106	200	1,603
2008	89	376	346	353	96	181	1,441
2009	109	361	359	392	108	176	1,507
Per cent change 2008–09	22.5	–4.0	3.8	11.0	12.5	–2.8	4.6
Average change 2004–09 ^c	–2.6	–3.8	–1.2	1.3	–4.2	–2.3	–1.7
Drivers							
2005	5	208	226	185	74	77	775
2006	6	225	197	181	58	92	759
2007	5	200	219	212	55	93	784
2008	7	181	164	183	48	90	673
2009	9	178	183	207	54	87	718
Per cent change 2008–09	28.6	–1.7	11.6	13.1	12.5	–3.3	6.7
Average change 2004–09	11.4	–4.0	–2.3	0.6	–5.7	0.3	–1.9
Passengers							
2005	74	109	45	49	19	49	347
2006	69	113	55	53	18	28	336
2007	61	100	57	42	18	58	337
2008	63	97	52	45	15	31	303
2009	74	113	50	39	17	37	331
Per cent change 2008–09	17.5	16.5	–3.8	–13.3	13.3	19.4	9.2
Average change 2004–09	–0.3	–2.9	2.9	–5.6	–9.6	–2.9	–2.4
Pedestrians							
2005	20	39	41	40	18	67	226
2006	31	24	45	47	20	61	229
2007	18	29	39	54	18	46	204
2008	13	34	34	43	16	50	190
2009	21	26	43	41	24	45	201
Per cent change 2008–09	61.5	–23.5	26.5	–4.7	50.0	–10.0	5.8
Average change 2004–09	–5.1	–3.5	–1.7	–0.9	–0.1	–6.2	–3.1
Motorcyclists ^d							
2005	3	66	91	59	9	5	233
2006	5	70	91	64	8	1	239
2007	9	59	86	67	13	3	237
2008	2	60	88	75	15	5	245
2009	3	42	78	93	8	1	225
Per cent change 2008–09	50.0	–30.0	–11.4	24.0	–46.7	–80.0	–8.2
Average change 2004–09	–13.0	–4.8	–0.1	11.7	10.4	–6.5	2.5
Pedal Cyclists							
2005	8	3	9	12	3	6	41
2006	7	4	5	15	4	4	39
2007	8	4	11	16	2	0	41
2008	4	3	8	7	1	5	28
2009	2	2	5	11	5	6	31
Average change 2004–09	–26.8	–5.6	–5.3	–5.5	–10.8	–	–7.5

^a Includes road users of unstated age.^b Includes deaths of unstated road user group.^c Average annual percentage change based on the exponential trend for the last five 12-month periods.^d Includes pillion passengers.

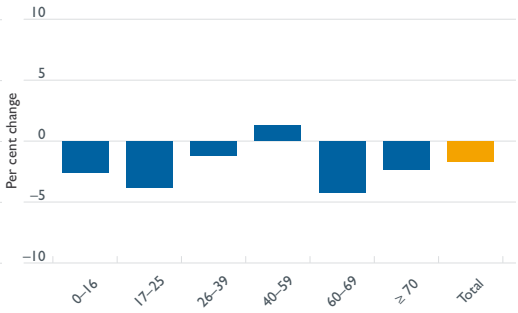
FI.2 Per cent change by road user for each age group—2008, 2009 and five-year trend

A All road users

Per cent change for 2009 over 2008

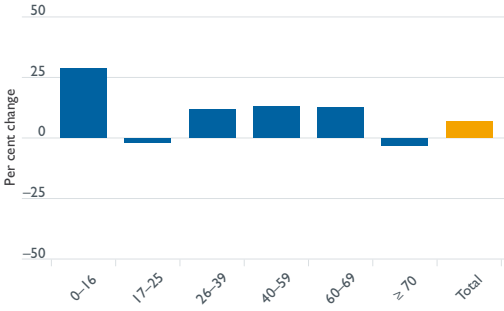


Average annual per cent change 2004 to 2009 ^a

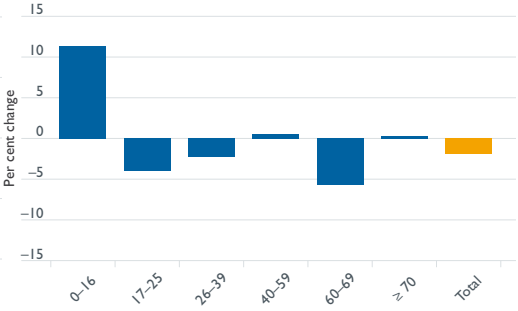


B Drivers

Per cent change for 2009 over 2008

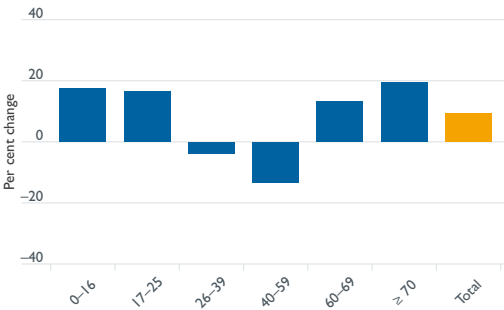


Average annual per cent change 2004 to 2009

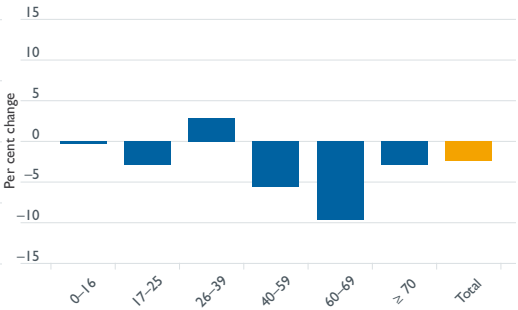


C Passengers

Per cent change for 2009 over 2008



Average annual per cent change 2004 to 2009

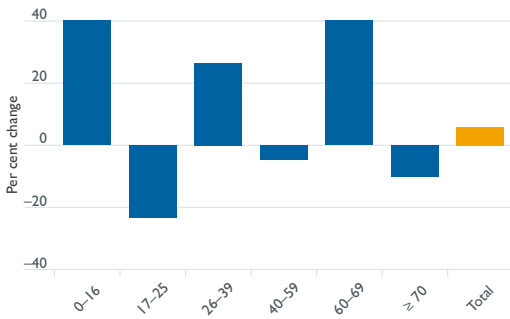


^a Average annual percentage change based on the exponential trend for the last five 12-month periods

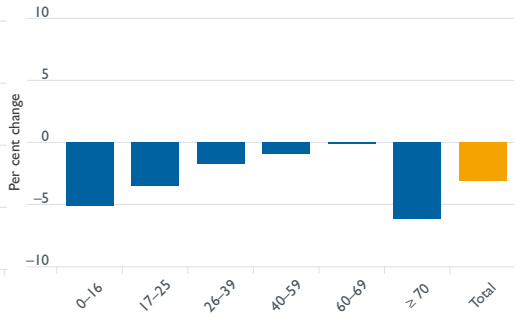
FI.2 Per cent change by road user for each age group—2008, 2009 and five-year trend (continued)

D Pedestrians

Per cent change for 2009 over 2008

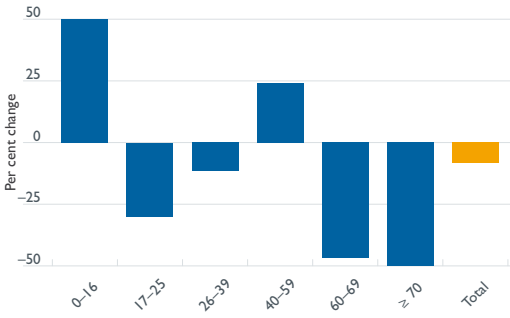


Average annual per cent change 2004 to 2009 ^a

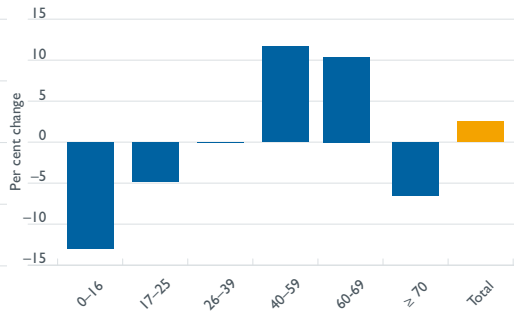


E Motorcyclists ^a

Per cent change for 2009 over 2008



Average annual per cent change 2004 to 2009



^a Includes motorcycle pillion passengers

T1.3 Deaths by gender and road user—Australia 2005 to 2009

	Males	Females	Persons ^b
All road users ^a			
2005	1 182	443	1 627
2006	1 195	405	1 602
2007	1 172	431	1 603
2008	1 057	383	1 441
2009	1 092	410	1 507
Per cent change 2008–09	3.3	7.0	4.6
Average change 2004–09 ^c	–1.5	–2.6	–1.7
Drivers			
2005	597	178	775
2006	585	173	759
2007	616	168	784
2008	498	175	673
2009	530	188	718
Per cent change 2008–09	6.4	7.4	6.7
Average change 2004–09	–2.7	0.6	–1.9
Passengers			
2005	179	166	347
2006	196	139	336
2007	178	159	337
2008	171	131	303
2009	180	147	331
Per cent change 2008–09	5.3	12.2	9.2
Average change 2004–09	–1.0	–4.3	–2.4
Pedestrians			
2005	146	80	226
2006	152	77	229
2007	120	84	204
2008	133	57	190
2009	143	57	201
Per cent change 2008–09	7.5	0.0	5.8
Average change 2004–09	–1.5	–6.7	–3.1
Motorcyclists ^d			
2005	224	9	233
2006	227	12	239
2007	221	16	237
2008	227	18	245
2009	213	12	225
Per cent change 2008–09	–6.2	–33.3	–8.2
Average change 2004–09	2.6	2.7	2.5
Pedal Cyclists			
2005	32	9	41
2006	35	4	39
2007	37	4	41
2008	26	2	28
2009	26	5	31
Average change 2004–09	–6.4	–14.4	–7.5

^a Includes deaths of unstated road user group.

^b Includes deaths of unstated gender.

^c Average annual percentage change based on the exponential trend for the last five 12-month periods

^d Includes pillion passengers.

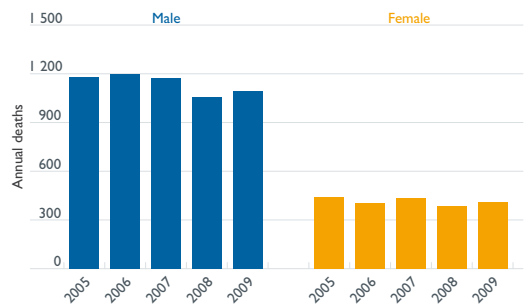
T1.4 Share of deaths by age, gender and road user—Australia 2009 and 2004

		0–16 years	17–25 years	26–39 years	40–59 years	60–69 years	≥ 70 years	All deaths
ALL ROAD USERS (per cent) ^a								
Males	2009	5.3	25.2	26.1	26.4	6.5	10.4	100
	2004	5.7	28.4	25.9	22.5	7.3	10.2	100
Females	2009	11.2	21.0	18.0	25.4	9.0	15.4	100
	2004	10.5	24.0	13.4	25.1	9.5	17.6	100
Persons	2009	7.2	24.0	23.8	26.0	7.2	11.7	100
	2004	7.1	27.1	22.3	23.3	7.9	12.3	100
DRIVERS (per cent)								
Males	2009	1.3	25.7	27.5	27.2	6.8	11.5	100
	2004	0.7	28.2	26.8	24.4	8.1	11.9	100
Females	2009	1.1	22.3	19.7	33.5	9.6	13.8	100
	2004	0.6	27.5	14.6	34.8	8.4	14.0	100
Persons	2009	1.3	24.8	25.5	28.8	7.5	12.1	100
	2004	0.7	28.0	23.9	26.8	8.2	12.4	100
PASSENGERS (per cent)								
Males	2009	19.6	43.0	14.5	12.3	3.4	7.3	100
	2004	18.5	42.4	14.7	11.4	6.5	6.5	100
Females	2009	23.8	24.5	16.3	11.6	7.5	16.3	100
	2004	18.6	27.1	10.2	18.1	10.2	15.8	100
Persons	2009	22.4	34.2	15.2	11.8	5.2	11.2	100
	2004	18.6	34.9	12.5	14.7	8.3	11.1	100
PEDESTRIANS (per cent)								
Males	2009	7.7	14.1	25.4	18.3	12.0	22.5	100
	2004	8.4	14.7	22.4	25.2	8.4	21.0	100
Females	2009	15.8	10.5	12.3	26.3	12.3	22.8	100
	2004	11.7	14.3	13.0	14.3	13.0	33.8	100
Persons	2009	10.5	13.0	21.5	20.5	12.0	22.5	100
	2004	9.5	14.5	19.1	21.4	10.0	25.5	100
MOTORCYCLISTS (per cent) ^b								
Males	2009	1.4	18.8	34.3	41.3	3.8	0.5	100
	2004	2.8	29.6	39.1	24.0	3.4	1.1	100
Females	2009	0.0	16.7	41.7	41.7	0.0	0.0	100
	2004	12.5	6.3	37.5	43.8	0.0	0.0	100
Persons	2009	1.3	18.7	34.7	41.3	3.6	0.4	100
	2004	3.6	27.7	39.0	25.6	3.1	1.0	100
PEDAL CYCLISTS (per cent)								
Males	2009	7.7	7.7	15.4	30.8	15.4	23.1	100
	2004	24.3	8.1	18.9	29.7	13.5	5.4	100
Females	2009	0.0	0.0	20.0	60.0	20.0	0.0	100
	2004	50.0	0.0	16.7	16.7	0.0	16.7	100
Persons	2009	6.5	6.5	16.1	35.5	16.1	19.4	100
	2004	27.9	7.0	18.6	27.9	11.6	7.0	100

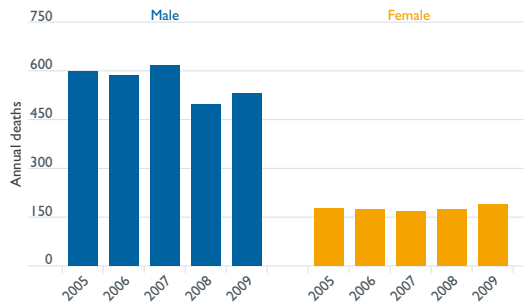
^a Includes deaths of unstated road user group.^b Includes pillion passengers.

FI.3 Annual deaths by gender and road user—last five years

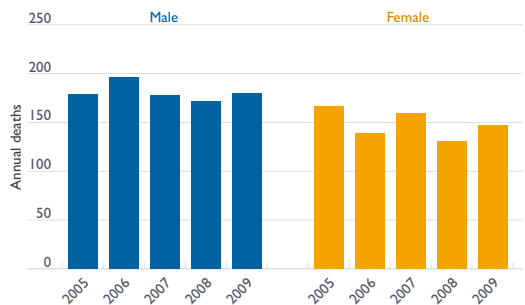
A All road users



B Drivers

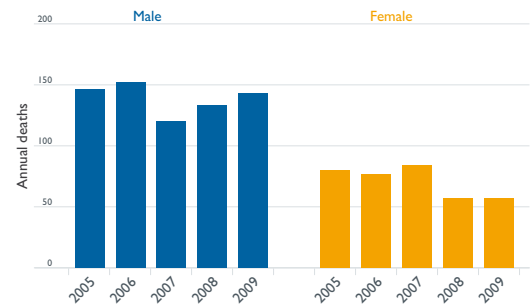


C Passengers

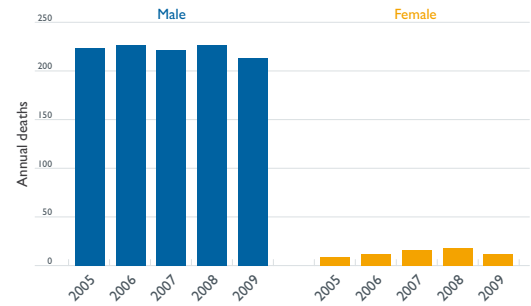


FI.3 Annual deaths by gender and road user—last five years (continued)

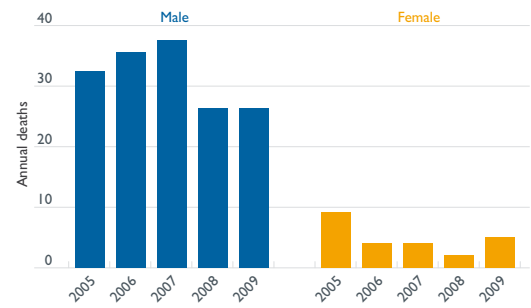
D Pedestrians



E Motorcyclists



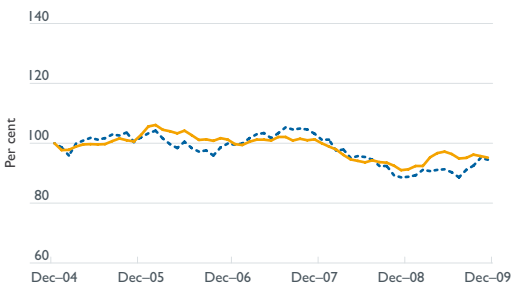
F Pedal Cyclists



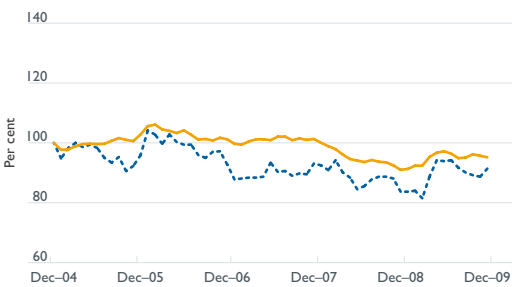
FI.4 Indices for counts of deaths by road user—2004 to 2009

Each point shows the number of deaths in the preceding 12 months expressed as percentage of the comparable figure at December 2004.

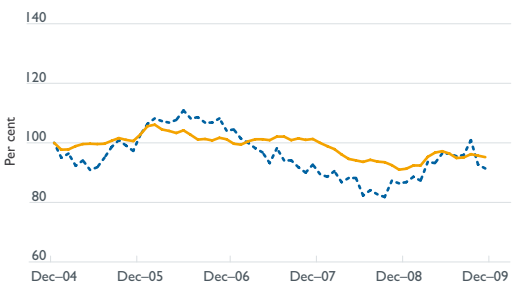
A Drivers



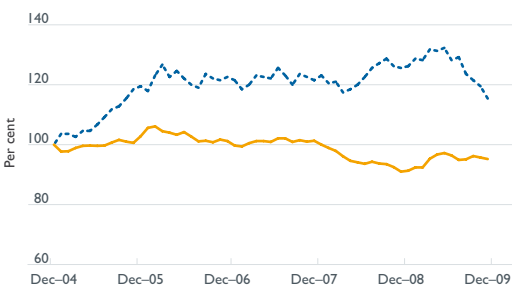
B Passengers



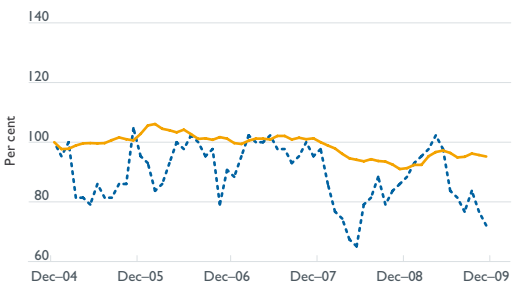
C Pedestrians



D Motorcyclists includes pillion passengers



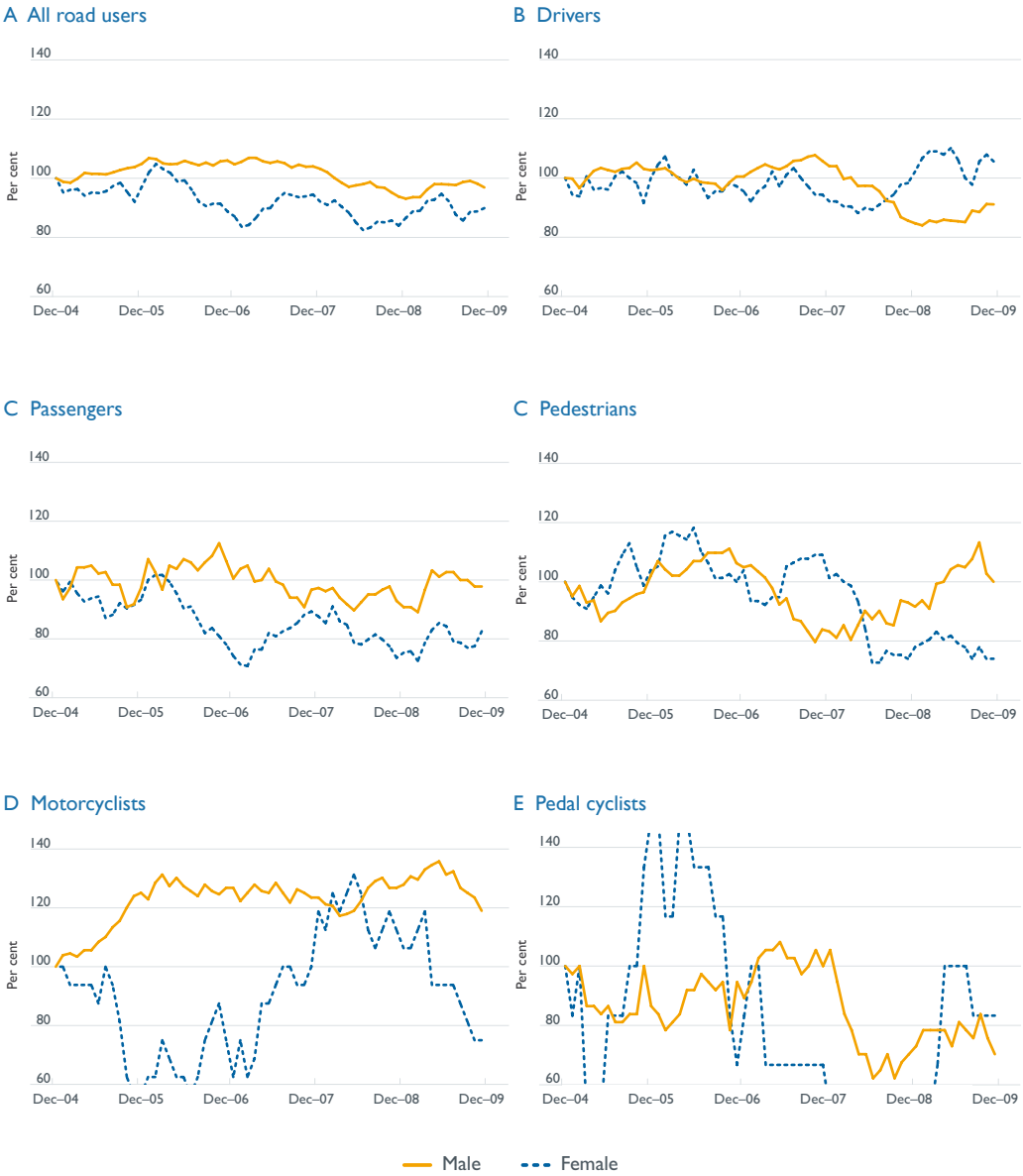
E Pedal cyclists



— All deaths - - - Road user group

FI.5 Indices for counts of deaths by gender and road user—2004 to 2009

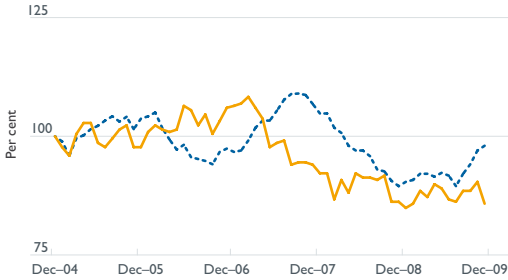
Each point shows the number of deaths in the preceding 12 months expressed as percentage of the comparable figure at December 2004.



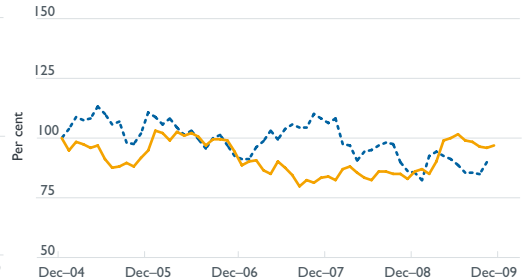
FI.6 Indices for counts of deaths by road user, gender and selected age groups —2004 to 2009

Each point shows the number of deaths in preceding 12 months expressed as percentage of the comparable figure at December 2004.

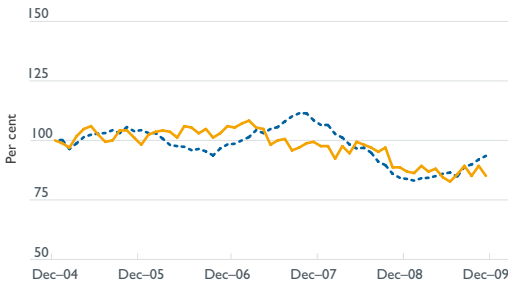
A Driver—persons



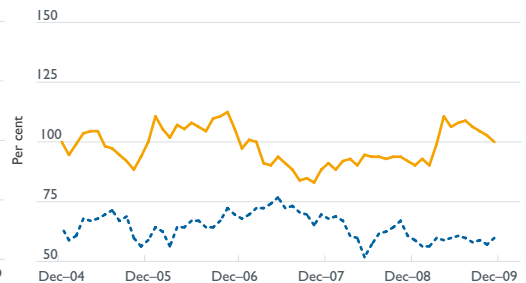
D Passenger—persons



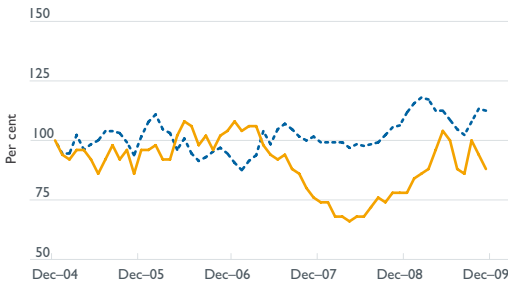
B Driver—males



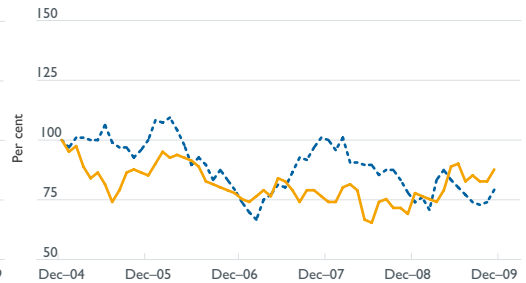
E Passenger—males



C Driver—females



F Passenger—females



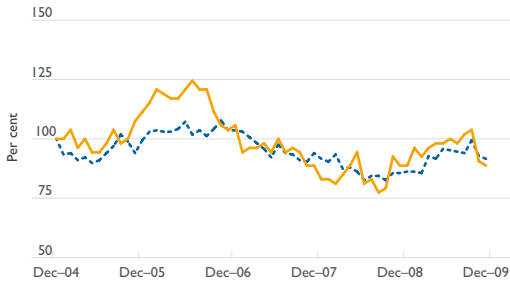
— Age group ≤ 25

- - - Age group > 25

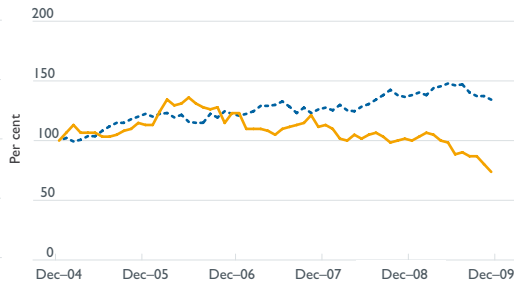
FI.6 Indices for counts of deaths by road user, gender and selected age groups—2004 to 2009 (continued)

Each point shows the number of deaths in the preceding 12 months expressed as percentage of the comparable figure at December 2004.

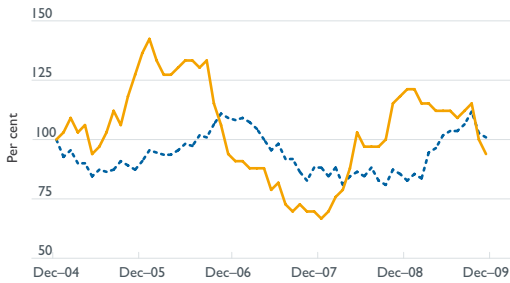
G Pedestrian—persons



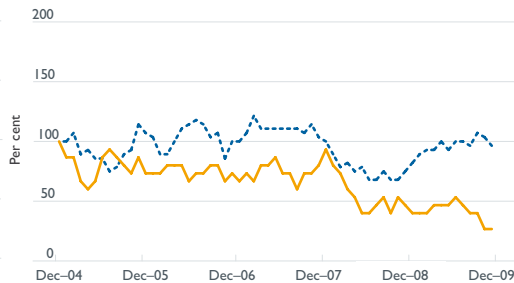
J Motorcyclists—persons



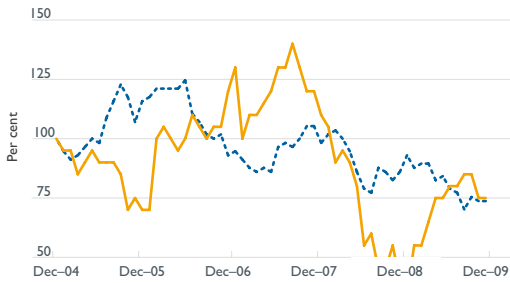
H Pedestrian—males



K Pedal cyclists—persons



I Pedestrian—females



— Age group ≤ 25 - - - Age group > 25

T1.5 Deaths by gender and age, all road users—Australia 1990 to 2009

		0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a	Average age
ALL ROAD USERS^b									
Males	1990	155	561	403	264	97	152	1 634	34
	1991	135	501	360	246	98	143	1 484	35
	1992	132	430	358	217	88	120	1 348	35
	1993	102	467	354	254	81	134	1 393	36
	1994	111	418	325	232	95	157	1 338	37
	1995	104	463	375	224	100	145	1 413	36
	1996	118	446	343	264	91	142	1 406	36
	1997	107	378	307	216	72	118	1 206	36
	1998	104	356	306	262	66	131	1 232	37
	1999	71	361	347	220	85	125	1 216	37
	2000	99	365	360	257	77	138	1 296	37
	2001	91	368	328	247	86	145	1 265	38
	2002	87	336	358	269	81	112	1 244	37
	2003	82	324	293	260	67	121	1 151	37
	2004	64	320	292	254	82	115	1 127	38
	2005	63	333	331	265	75	113	1 182	38
	2006	67	343	332	258	71	123	1 195	38
	2007	56	309	331	294	62	119	1 172	39
	2008	58	297	277	254	65	106	1 057	38
	2009	58	275	285	288	71	113	1 092	39
Females	1990	83	188	119	107	83	116	697	40
	1991	63	145	129	99	71	119	629	42
	1992	59	170	109	106	65	113	625	41
	1993	76	125	125	86	60	86	560	39
	1994	72	125	106	106	66	114	589	42
	1995	73	133	111	124	52	109	604	41
	1996	72	108	106	113	53	111	564	42
	1997	57	134	106	108	49	104	561	41
	1998	62	103	91	100	45	116	522	43
	1999	76	112	96	102	60	100	546	42
	2000	58	122	97	103	42	99	521	41
	2001	44	82	82	127	45	91	471	45
	2002	41	109	86	109	31	94	470	43
	2003	65	88	80	101	33	102	469	43
	2004	48	109	61	114	43	80	456	43
	2005	45	93	83	82	48	91	443	44
	2006	49	93	61	102	37	63	405	41
	2007	45	83	81	97	44	81	431	43
	2008	30	79	69	99	31	75	383	45
	2009	46	86	74	104	37	63	410	42
Persons	1990	238	749	522	371	180	268	2 331	36
	1991	198	646	489	345	169	262	2 113	37
	1992	191	600	467	323	153	233	1 974	37
	1993	178	592	479	340	141	220	1 953	37
	1994	184	543	431	338	161	271	1 928	39
	1995	177	596	486	348	152	254	2 017	38
	1996	190	554	449	377	144	253	1 970	38
	1997	164	512	413	324	121	222	1 767	37
	1998	167	459	397	362	111	247	1 755	39
	1999	147	473	443	322	145	225	1 764	38
	2000	157	487	457	360	119	237	1 817	38
	2001	136	450	410	374	131	236	1 737	40
	2002	129	445	444	378	112	206	1 715	39
	2003	148	412	373	361	100	223	1 621	39
	2004	112	429	353	368	125	195	1 583	40
	2005	110	426	414	347	123	204	1 627	39
	2006	118	436	393	360	108	186	1 602	39
	2007	101	392	412	391	106	200	1 603	40
	2008	89	376	346	353	96	181	1 441	40
	2009	109	361	359	392	108	176	1 507	40

^a Includes deaths of unstated age.

^b Includes deaths of unstated road user group.

T1.6 Deaths by gender and age, drivers—Australia 1990 to 2009

		0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a	Average age
DRIVERS									
Males	1990	5	228	192	147	53	74	699	38
	1991	9	216	184	142	44	72	667	39
	1992	8	182	184	129	44	49	596	38
	1993	6	212	189	152	48	57	664	38
	1994	9	189	155	132	59	76	620	40
	1995	5	216	175	123	65	57	641	39
	1996	12	213	186	150	39	55	656	38
	1997	9	178	144	124	38	56	550	39
	1998	7	161	144	142	40	63	559	40
	1999	3	181	189	122	45	71	613	39
	2000	8	167	207	147	39	75	643	40
	2001	7	183	143	133	51	72	589	41
	2002	4	166	175	138	45	64	592	40
	2003	5	171	139	148	38	67	569	40
	2004	4	165	156	142	47	69	583	41
	2005	3	162	178	143	48	63	597	40
	2006	4	174	165	128	43	71	585	40
	2007	3	164	177	168	35	69	616	41
	2008	4	145	124	130	35	60	498	41
	2009	7	136	146	144	36	61	530	41
Females	1990	2	83	59	52	18	22	236	37
	1991	4	64	68	55	31	21	243	41
	1992	1	76	52	51	11	28	219	39
	1993	1	51	62	37	23	21	195	41
	1994	2	57	45	46	16	23	189	41
	1995	3	66	63	56	18	27	233	40
	1996	5	54	57	56	15	26	213	41
	1997	2	69	65	51	17	22	226	39
	1998	3	42	46	45	12	33	182	44
	1999	3	48	56	56	18	26	207	42
	2000	1	59	57	58	13	21	209	40
	2001	3	34	47	64	18	21	187	44
	2002	1	46	46	54	13	33	193	44
	2003	6	35	32	59	13	33	178	46
	2004	1	49	26	62	15	25	178	44
	2005	2	46	48	42	26	14	178	41
	2006	1	51	32	53	15	21	173	42
	2007	2	36	42	44	20	24	168	44
	2008	3	36	40	53	13	30	175	46
	2009	2	42	37	63	18	26	188	45
Persons	1990	7	311	251	199	71	96	935	38
	1991	13	280	252	197	75	93	910	39
	1992	9	258	236	180	55	77	815	38
	1993	7	263	251	189	71	78	859	39
	1994	11	246	200	178	75	99	809	40
	1995	8	282	238	179	83	84	874	39
	1996	17	267	243	206	54	81	869	38
	1997	11	247	209	175	55	78	776	39
	1998	10	203	190	187	52	96	741	41
	1999	6	229	245	178	63	97	820	40
	2000	9	226	264	205	52	96	852	40
	2001	10	217	190	197	69	93	776	41
	2002	5	212	221	192	58	97	785	41
	2003	11	206	171	207	51	100	747	42
	2004	5	214	182	204	62	94	761	42
	2005	5	208	226	185	74	77	775	41
	2006	6	225	197	181	58	92	759	40
	2007	5	200	219	212	55	93	784	41
	2008	7	181	164	183	48	90	673	42
	2009	9	178	183	207	54	87	718	42

^a Includes deaths of unstated age.

T1.7 Deaths by gender and age, passengers—Australia 1990 to 2009

		0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a	Average age
PASSENGERS									
Males	1990	59	133	59	35	13	13	314	27
	1991	60	124	51	36	14	15	301	28
	1992	62	117	56	32	8	10	288	26
	1993	54	115	53	33	14	15	285	29
	1994	45	88	49	35	9	10	236	29
	1995	45	104	58	30	6	16	259	29
	1996	54	98	49	35	20	21	277	31
	1997	49	93	39	21	10	13	228	27
	1998	48	85	45	40	10	23	254	31
	1999	36	93	36	19	9	11	209	27
	2000	49	100	40	23	14	20	246	30
	2001	42	84	44	20	10	25	225	31
	2002	53	89	52	28	8	13	243	28
	2003	49	84	41	23	12	15	225	29
	2004	34	77	27	21	12	12	183	30
	2005	35	77	26	25	6	9	179	28
	2006	38	80	39	26	5	8	196	27
	2007	32	67	38	17	4	19	178	30
	2008	38	65	33	22	5	8	171	28
	2009	35	77	26	22	6	13	180	29
Females	1990	51	81	37	40	51	59	320	41
	1991	38	59	42	33	24	55	253	40
	1992	37	77	39	43	33	50	281	40
	1993	50	55	35	35	23	28	228	35
	1994	48	46	41	43	32	54	264	42
	1995	50	54	24	45	20	39	232	38
	1996	49	40	22	37	25	48	222	41
	1997	40	43	21	38	19	40	203	40
	1998	44	45	26	33	21	41	213	39
	1999	53	52	23	25	30	34	217	37
	2000	41	44	22	33	19	45	204	41
	2001	30	42	14	41	18	36	181	42
	2002	26	50	27	29	12	34	178	28
	2003	49	44	25	26	13	37	194	29
	2004	33	48	18	32	18	28	178	30
	2005	37	32	19	24	13	40	166	41
	2006	30	33	16	27	13	20	139	38
	2007	29	33	19	25	14	39	159	42
	2008	24	32	19	23	10	23	131	39
	2009	35	36	24	17	11	24	147	36
Persons	1990	110	214	96	75	64	72	634	34
	1991	98	183	93	69	38	70	554	34
	1992	99	194	95	75	41	60	570	33
	1993	104	170	88	68	37	43	513	32
	1994	94	134	90	78	41	64	501	36
	1995	95	158	82	75	26	55	491	33
	1996	103	138	71	72	45	69	499	36
	1997	89	136	60	59	29	53	431	33
	1998	93	130	71	73	31	64	468	35
	1999	89	145	59	44	39	45	428	32
	2000	90	144	62	56	33	65	450	35
	2001	73	126	58	61	28	61	407	36
	2002	80	139	79	57	20	47	422	33
	2003	99	128	66	49	25	52	420	32
	2004	67	125	45	53	30	40	361	34
	2005	74	109	45	49	19	49	347	34
	2006	69	113	55	53	18	28	336	32
	2007	61	100	57	42	18	58	337	36
	2008	63	97	52	45	15	31	303	33
	2009	74	113	50	39	17	37	331	32

^a Includes deaths of unstated age.

T1.8 Deaths by gender and age, pedestrians—Australia 1990 to 2009

		0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a	Average age
PEDESTRIANS									
Males	1990	50	55	56	55	26	63	305	41
	1991	37	37	40	33	35	51	233	44
	1992	35	47	39	32	30	58	241	44
	1993	27	41	42	38	15	58	221	44
	1994	32	51	42	43	21	63	252	44
	1995	36	51	57	43	21	66	276	43
	1996	29	43	39	44	27	59	242	44
	1997	27	45	54	35	20	41	224	41
	1998	30	42	43	41	12	41	211	40
	1999	19	39	43	35	22	40	198	44
	2000	30	37	33	39	20	40	199	42
	2001	26	33	41	41	18	42	201	43
	2002	18	29	29	45	21	26	168	44
	2003	17	21	32	36	13	36	155	45
	2004	12	21	32	36	12	30	143	45
	2005	16	29	29	28	12	31	146	43
	2006	13	18	35	34	12	39	152	47
	2007	5	18	23	36	10	28	120	48
	2008	10	29	28	29	9	28	133	44
	2009	11	20	36	26	17	32	143	46
Females	1990	26	14	15	12	13	35	115	45
	1991	14	12	13	11	16	43	110	52
	1992	18	11	15	9	21	34	109	49
	1993	20	13	15	12	13	37	110	48
	1994	16	18	14	13	17	37	115	49
	1995	18	7	16	22	14	43	122	50
	1996	16	9	21	14	12	37	109	49
	1997	10	13	12	15	13	40	104	52
	1998	12	7	16	19	11	42	107	54
	1999	16	8	10	17	11	39	101	53
	2000	15	7	13	11	9	33	88	50
	2001	10	5	16	16	9	33	89	54
	2002	12	10	9	19	4	27	81	49
	2003	9	4	16	9	7	32	77	54
	2004	9	11	10	11	10	26	77	51
	2005	4	10	12	12	6	36	80	56
	2006	18	6	10	13	8	22	77	46
	2007	13	11	16	18	8	18	84	44
	2008	3	5	6	14	7	22	57	58
	2009	9	6	7	15	7	13	57	45
Persons	1990	76	69	71	67	39	98	420	42
	1991	51	49	53	44	51	94	343	47
	1992	53	58	54	41	51	92	350	46
	1993	47	54	57	50	28	95	331	45
	1994	48	69	56	56	38	100	367	46
	1995	54	58	73	65	35	109	398	45
	1996	45	52	60	58	39	96	351	46
	1997	37	58	66	50	33	81	328	44
	1998	42	49	59	60	23	83	318	45
	1999	35	47	53	52	33	79	299	47
	2000	45	44	46	50	29	73	287	45
	2001	36	38	57	57	27	75	290	46
	2002	30	39	38	64	25	53	249	46
	2003	26	25	48	45	20	68	232	48
	2004	21	32	42	47	22	56	220	47
	2005	20	39	41	40	18	67	226	48
	2006	31	24	45	47	20	61	229	47
	2007	18	29	39	54	18	46	204	47
	2008	13	34	34	43	16	50	190	48
	2009	21	26	43	41	24	45	201	46

^a Includes deaths of unstated age.

T1.9 Deaths by gender and age, motorcyclists—Australia 1990 to 2009

		0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a	Average age
MOTORCYCLISTS									
Males	1990	11	129	86	16	2	0	244	26
	1991	10	112	80	27	2	3	234	28
	1992	12	77	76	17	3	1	186	28
	1993	5	97	63	23	1	0	189	28
	1994	7	79	74	14	3	1	178	29
	1995	7	85	74	24	4	1	195	29
	1996	4	85	65	24	3	0	181	29
	1997	6	57	61	28	2	1	157	30
	1998	5	64	67	30	2	1	169	30
	1999	6	45	74	35	4	0	164	32
	2000	4	56	74	39	3	2	178	32
	2001	4	61	91	47	5	2	210	33
	2002	5	48	96	52	3	5	209	34
	2003	6	44	73	45	3	1	172	34
	2004	5	53	70	43	6	2	179	33
	2005	2	63	88	58	8	5	224	35
	2006	5	67	89	58	7	1	227	34
	2007	8	57	84	58	11	3	221	35
	2008	2	54	86	66	14	5	227	37
	2009	3	40	73	88	8	1	213	38
Females	1990	1	9	6	2	0	0	18	26
	1991	3	9	2	0	0	0	14	21
	1992	1	4	3	3	0	0	11	32
	1993	0	6	8	0	0	0	14	27
	1994	0	3	5	3	1	0	12	37
	1995	1	4	3	1	0	0	9	25
	1996	1	3	3	4	1	0	12	34
	1997	1	9	7	2	0	1	20	30
	1998	0	6	2	2	1	0	12	28
	1999	1	4	5	2	0	0	12	28
	2000	0	6	5	1	1	0	13	31
	2001	0	0	3	3	0	0	6	40
	2002	2	3	4	5	1	0	15	33
	2003	0	5	6	5	0	0	16	34
	2004	2	1	6	7	0	0	16	35
	2005	1	3	3	1	1	0	9	35
	2006	0	3	2	6	1	0	12	39
	2007	1	2	2	9	2	0	16	44
	2008	0	6	2	9	1	0	18	40
	2009	0	2	5	5	0	0	12	37
Persons	1990	12	138	92	18	2	0	262	26
	1991	13	121	82	27	2	3	248	28
	1992	13	81	79	20	3	1	197	28
	1993	5	103	71	23	1	0	203	28
	1994	7	82	79	17	4	1	190	29
	1995	8	89	77	25	4	1	204	29
	1996	5	88	68	28	4	0	193	30
	1997	7	66	68	30	2	2	177	30
	1998	5	70	69	32	3	1	181	30
	1999	7	49	79	37	4	0	176	32
	2000	4	62	79	40	4	2	191	32
	2001	4	61	94	50	5	2	216	33
	2002	7	51	100	57	4	5	224	34
	2003	6	49	79	50	3	1	188	34
	2004	7	54	76	50	6	2	195	33
	2005	3	66	91	59	9	5	233	35
	2006	5	70	91	64	8	1	239	34
	2007	9	59	86	67	13	3	237	36
	2008	2	60	88	75	15	5	245	37
	2009	3	42	78	93	8	1	225	38

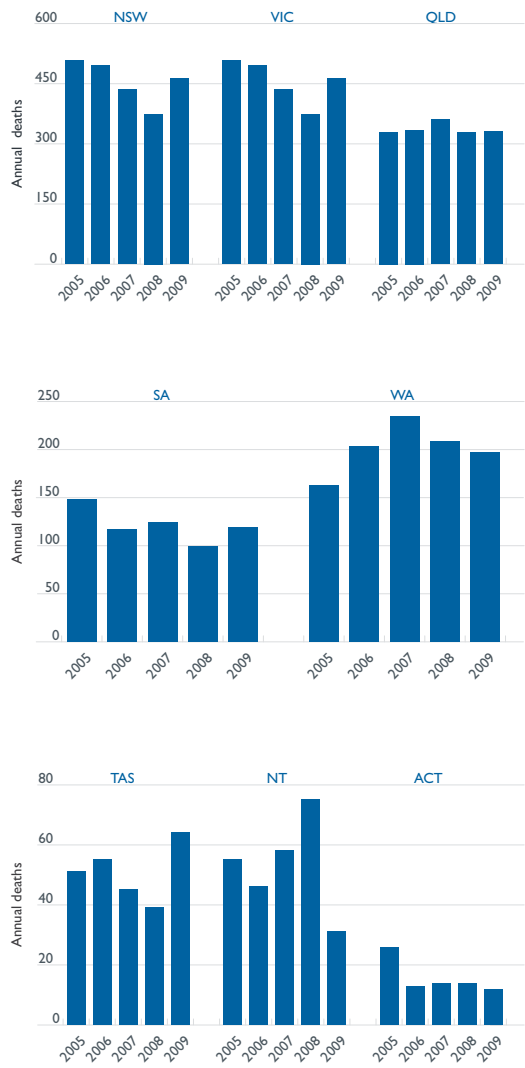
^a Includes deaths of unstated age.

T1.10 Deaths by gender and age, pedal cyclists—Australia 1990 to 2009

		0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a	Average age
CYCLISTS									
Males	1990	30	16	10	11	3	2	72	26
	1991	19	12	5	8	3	2	49	27
	1992	15	7	3	7	2	2	36	29
	1993	10	2	7	8	3	4	34	39
	1994	16	11	5	8	3	7	50	34
	1995	11	7	10	4	4	5	41	36
	1996	19	6	4	11	2	7	49	35
	1997	16	4	9	8	2	6	45	34
	1998	14	3	7	9	2	3	38	34
	1999	7	3	5	8	5	3	31	41
	2000	8	4	5	9	1	1	28	33
	2001	12	7	9	6	2	4	40	32
	2002	7	4	6	6	3	4	31	37
	2003	5	1	7	7	1	2	23	38
	2004	9	3	7	11	5	2	37	39
	2005	7	2	8	9	1	5	32	40
	2006	7	4	4	12	4	4	35	41
	2007	8	3	9	15	2	0	37	35
	2008	4	3	6	7	1	5	26	43
	2009	2	2	4	8	4	6	26	50
Females	1990	3	1	2	1	1	0	8	29
	1991	4	1	4	0	0	0	9	22
	1992	2	2	0	0	0	1	5	27
	1993	5	0	3	2	1	0	11	30
	1994	6	1	1	1	0	0	9	18
	1995	1	2	4	0	0	0	7	26
	1996	1	2	3	2	0	0	8	30
	1997	3	0	1	2	0	1	7	31
	1998	3	1	1	1	0	0	6	23
	1999	3	0	2	2	1	1	9	37
	2000	1	2	0	0	0	0	3	17
	2001	0	1	1	3	0	1	6	45
	2002	0	0	0	2	1	0	3	54
	2003	1	0	1	1	0	0	3	31
	2004	3	0	1	1	0	1	6	35
	2005	1	1	1	3	2	1	9	47
	2006	0	0	1	3	0	0	4	42
	2007	0	1	2	1	0	0	4	31
	2008	0	0	2	0	0	0	2	35
	2009	0	0	1	3	1	0	5	50
Persons	1990	33	17	12	12	4	2	80	26
	1991	23	13	9	8	3	2	58	26
	1992	17	9	3	7	2	3	41	29
	1993	15	2	10	10	4	4	45	37
	1994	22	12	6	9	3	7	59	32
	1995	12	9	14	4	4	5	48	34
	1996	20	8	7	13	2	7	57	34
	1997	19	4	10	10	2	7	52	34
	1998	17	4	8	10	2	3	44	32
	1999	10	3	7	10	6	4	40	40
	2000	9	6	5	9	1	1	31	31
	2001	12	8	10	9	2	5	46	34
	2002	7	4	6	8	4	4	34	38
	2003	6	1	8	8	1	2	26	37
	2004	12	3	8	12	5	3	43	39
	2005	8	3	9	12	3	6	41	41
	2006	7	4	5	15	4	4	39	41
	2007	8	4	11	16	2	0	41	35
	2008	4	3	8	7	1	5	28	43
	2009	2	2	5	11	5	6	31	50

^a Includes deaths of unstated age.

FI.7 Road deaths by state/territory—last five calendar years



CHAPTER 2

Death rates

T2.1 Deaths per 100 000 population by state/territory—1980 to 2009 ^a

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
1980	25.20	16.78	24.58	20.56	23.09	23.61	53.28	13.38	22.27
1985	19.53	16.58	19.52	19.54	17.13	17.61	45.11	13.13	18.63
1990	13.66	12.52	13.76	15.78	12.15	15.36	41.53	9.21	13.66
1992	10.88	8.89	13.73	11.33	12.06	15.75	32.13	6.79	11.28
1993	9.68	9.73	12.73	14.92	12.46	12.30	25.77	4.01	11.05
1994	10.66	8.40	13.12	10.84	12.39	12.48	23.65	5.64	10.80
1995	10.12	9.25	13.97	12.32	12.05	12.03	34.36	4.92	11.16
1996	9.36	9.14	11.53	12.28	13.99	13.49	39.59	7.46	10.76
1997	9.18	8.20	10.60	9.99	10.97	6.76	32.10	5.50	9.54
1998	8.77	8.41	8.09	11.28	12.23	10.17	36.34	7.10	9.38
1999	9.00	8.17	8.97	10.08	11.79	11.24	25.42	6.08	9.32
2000	9.30	8.58	8.90	11.03	11.31	9.12	26.08	5.71	9.49
2001	7.97	9.24	8.93	10.12	8.68	12.93	25.28	5.01	8.95
2002	8.46	8.16	8.67	10.12	9.29	7.83	27.58	3.10	8.73
2003	8.08	6.70	8.14	10.25	9.22	8.58	26.49	3.38	8.15
2004	7.60	6.89	7.97	9.02	8.98	12.01	17.32	2.75	7.86
2005	7.52	6.85	8.26	9.53	8.08	10.49	26.65	7.87	7.98
2006	7.28	6.57	8.19	7.46	9.86	11.23	19.94	3.89	7.72
2007	6.30	6.36	8.58	7.82	11.12	9.12	27.00	4.10	7.61
2008	5.35	5.70	7.64	6.17	9.63	7.84	34.12	4.05	6.72
2009	6.52	5.34	7.51	7.33	8.81	12.73	13.79	3.42	6.89
Per cent change 2008–09	21.78	–6.30	–1.67	18.77	–8.51	62.44	–59.59	–15.66	2.46
Average change 2004–09	–5.37	–5.16	–1.38	–6.34	1.58	–2.23	–0.28	–2.40	–3.34

^a Population data are from Australian Bureau of Statistics Population by Sex and Age: States and Territories (ABS Catalogue No. 3201.0). The population estimates are as at June 30 of each year. Only preliminary data are available for 2009.

T2.2 Deaths per 100 million vehicle-kilometre travelled ^a

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
1979	3.50	2.82	3.55	2.98	2.44	3.11	7.45	1.35	3.15
1982	2.92	2.19	2.78	2.45	1.91	2.66	6.16	1.35	2.56
1985	2.33	1.78	2.21	2.19	1.73	1.99	5.40	1.63	2.09
1988	2.06	1.63	2.16	1.72	1.49	1.87	4.75	1.35	1.88
1991	1.44	1.23	1.49	1.43	1.29	2.00	4.60	0.61	1.41
1995	1.27	0.97	1.32	1.33	1.18	1.32	4.23	0.50	1.21
1998	1.06	0.87	0.94	1.20	1.25	1.15	4.65	0.70	1.05
2000	0.98	0.79	0.81	1.09	1.00	0.90	2.83	0.56	0.91
2001	0.85	0.87	0.83	1.01	0.79	1.31	2.85	0.50	0.88
2002	0.89	0.75	0.79	0.99	0.83	0.77	3.08	0.31	0.84
2003	0.84	0.61	0.74	0.98	0.81	0.83	2.92	0.33	0.78
2004	0.76	0.61	0.70	0.85	0.77	1.12	1.87	0.26	0.73
2005	0.76	0.61	0.73	0.92	0.69	0.99	2.95	0.74	0.74
2006	0.74	0.59	0.73	0.73	0.86	1.06	2.44	0.37	0.73
2007	0.64	0.58	0.76	0.76	0.97	0.85	2.99	0.39	0.72
2008	0.55	0.53	0.68	0.61	0.85	0.74	3.79	0.39	0.64
2009	0.68	0.51	0.69	0.74	0.80	1.21	1.57	0.34	0.67
Per cent change 2008–09	24.12	–4.04	1.18	20.52	–5.49	64.53	–58.56	–14.06	4.86
Average change 2004–09	–4.60	–3.72	–0.49	–5.35	2.79	–1.97	0.25	–1.29	–2.35

^a VKT estimates prior to 2000 are from Australian Bureau of Statistics SMVU (9208.0). From 2000 onwards they are BITRE unpublished estimates, and refer to the period of 12 months ended June.

T2.3 Deaths per 100 000 population by age group for all road users— Australia 1990 to 2009

	0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a
Males							
1990	7.1	44.2	20.8	13.7	14.2	30.7	19.2
1995	4.6	36.7	18.8	10.2	14.5	24.2	15.7
1996	5.2	35.6	17.1	11.6	13.2	22.8	15.4
1997	4.7	30.8	15.2	9.3	10.3	18.3	13.1
1998	4.5	29.5	15.0	11.0	9.3	19.6	13.3
1999	3.1	30.2	17.0	9.0	11.8	18.1	12.9
2000	4.3	30.5	17.6	10.2	10.5	19.3	13.6
2001	3.9	30.5	16.1	9.6	11.5	19.6	13.1
2002	3.7	27.4	17.6	10.2	10.5	14.7	12.8
2003	3.5	25.9	14.4	9.6	8.5	15.6	11.7
2004	2.7	25.1	14.4	9.3	10.0	14.6	11.3
2005	2.7	25.6	16.2	9.5	8.8	14.0	11.7
2006	2.8	25.8	16.1	9.2	8.0	14.9	11.6
2007	2.3	22.5	15.8	10.4	6.6	14.0	11.2
2008	2.4	21.2	13.0	8.9	6.7	12.1	9.9
2009	2.4	19.0	13.0	9.9	7.0	12.6	10.0
Per cent change 2008–09	–1.3	–10.1	0.5	11.9	5.1	3.5	1.2
Average change 2004–09 ^b	–3.5	–5.8	–3.3	0.8	–7.8	–3.5	–3.1
Females							
1990	4.0	15.3	6.2	5.8	11.5	15.8	8.1
1995	3.4	10.9	5.6	5.8	7.3	12.6	6.7
1996	3.3	8.9	5.3	5.1	7.5	12.5	6.1
1997	2.6	11.3	5.2	4.7	6.8	11.4	6.0
1998	2.9	8.8	4.4	4.2	6.2	12.4	5.5
1999	3.5	9.7	4.7	4.2	8.2	10.4	5.7
2000	2.6	10.5	4.7	4.1	5.7	10.0	5.4
2001	2.0	7.0	4.0	4.9	6.0	9.0	4.8
2002	1.9	9.2	4.2	4.1	4.0	9.1	4.8
2003	2.9	7.3	3.9	3.7	4.2	9.8	4.7
2004	2.2	8.9	3.0	4.1	5.2	7.6	4.5
2005	2.0	7.4	4.0	2.9	5.6	8.5	4.3
2006	2.2	7.3	2.9	3.6	4.2	5.8	3.9
2007	2.0	6.3	3.9	3.4	4.7	7.3	4.1
2008	1.3	5.9	3.2	3.4	3.2	6.7	3.6
2009	2.0	6.3	3.4	3.5	3.6	5.5	3.7
Per cent change 2008–09	51.3	5.8	5.2	3.6	14.6	–17.7	4.9
Average change 2004–09	–5.1	–7.1	0.8	–1.1	–9.4	–5.9	–4.1
Persons ^c							
1990	5.6	29.9	13.5	9.8	12.8	21.8	13.7
1995	4.0	24.0	12.2	8.0	10.9	17.4	11.2
1996	4.3	22.4	11.2	8.4	10.3	16.7	10.8
1997	3.7	21.2	10.2	7.0	8.6	14.2	9.5
1998	3.7	19.3	9.7	7.6	7.8	15.4	9.4
1999	3.3	20.1	10.8	6.6	10.0	13.6	9.3
2000	3.5	20.7	11.1	7.2	8.1	13.9	9.5
2001	3.0	18.9	10.0	7.3	8.7	13.5	8.9
2002	2.9	18.5	10.9	7.2	7.2	11.5	8.7
2003	3.3	16.7	9.1	6.7	6.3	12.3	8.1
2004	2.5	17.1	8.7	6.7	7.6	10.6	7.9
2005	2.4	16.7	10.1	6.2	7.2	10.9	8.0
2006	2.6	16.7	9.5	6.4	6.1	9.7	7.7
2007	2.2	14.6	9.8	6.9	5.7	10.2	7.6
2008	1.9	13.7	8.1	6.1	4.9	9.1	6.7
2009	2.3	12.8	8.2	6.7	5.3	8.6	6.9
Per cent change 2008–09	20.9	–6.7	1.5	9.5	8.1	–5.1	2.5
Average change 2004–09	–3.5	–6.0	–2.5	0.1	–8.3	–4.3	–3.3

^a Includes deaths of unknown age.

^b Average annual percentage change based on the exponential trend for the last five 12-month periods.

^c Includes deaths of unstated gender.

T2.4 Deaths per 100 000 population by age group for drivers— Australia 1990 to 2009

	0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a
Males							
1990	0.2	18.0	9.9	7.6	7.8	15.0	8.2
1995	0.2	17.1	8.8	5.6	9.4	9.5	7.1
1996	0.5	17.0	9.3	6.6	5.6	8.8	7.2
1997	0.4	14.5	7.1	5.3	5.4	8.7	6.0
1998	0.3	13.3	7.1	5.9	5.7	9.4	6.0
1999	0.1	15.1	9.3	5.0	6.3	10.3	6.5
2000	0.3	14.0	10.1	5.9	5.3	10.5	6.8
2001	0.3	15.2	7.0	5.2	6.8	9.7	6.1
2002	0.2	13.5	8.6	5.2	5.8	8.4	6.1
2003	0.2	13.6	6.8	5.5	4.8	8.7	5.8
2004	0.2	12.9	7.7	5.2	5.7	8.7	5.8
2005	0.1	12.5	8.7	5.1	5.6	7.8	5.9
2006	0.2	13.1	8.0	4.5	4.9	8.6	5.7
2007	0.1	11.9	8.4	5.9	3.8	8.1	5.9
2008	0.2	10.3	5.8	4.5	3.6	6.9	4.7
2009	0.3	9.4	6.7	5.0	3.5	6.8	4.9
Per cent change 2008–09	72.7	–8.9	15.0	9.3	–1.1	–1.3	4.2
Average change 2004–09 ^b	9.1	–6.1	–5.2	–0.9	–10.9	–4.8	–4.4
Females							
1990	0.1	6.7	3.1	2.8	2.5	3.0	2.8
1995	0.1	5.4	3.2	2.6	2.5	3.1	2.6
1996	0.2	4.5	2.8	2.5	2.1	2.9	2.3
1997	0.1	5.8	3.2	2.2	2.4	2.4	2.4
1998	0.1	3.6	2.2	1.9	1.7	3.5	1.9
1999	0.1	4.1	2.7	2.3	2.5	2.7	2.2
2000	0.0	5.1	2.8	2.3	1.8	2.1	2.2
2001	0.1	2.9	2.3	2.5	2.4	2.1	1.9
2002	0.0	3.9	2.2	2.0	1.7	3.2	2.0
2003	0.3	2.9	1.6	2.2	1.6	3.2	1.8
2004	0.0	4.0	1.3	2.2	1.8	2.4	1.8
2005	0.1	3.7	2.3	1.5	3.0	1.3	1.7
2006	0.0	4.0	1.5	1.9	1.7	1.9	1.7
2007	0.1	2.8	2.0	1.5	2.1	2.2	1.6
2008	0.1	2.7	1.9	1.8	1.3	2.7	1.6
2009	0.1	3.1	1.7	2.1	1.8	2.3	1.7
Per cent change 2008–09	–34.2	13.4	–9.3	17.2	33.0	–15.1	5.3
Average change 2004–09	15.6	–7.2	3.1	0.5	–6.7	5.9	–1.1
Persons ^c							
1990	0.2	12.4	6.5	5.3	5.1	7.8	5.5
1995	0.2	11.4	6.0	4.1	5.9	5.7	4.8
1996	0.4	10.8	6.1	4.6	3.8	5.4	4.7
1997	0.2	10.2	5.1	3.8	3.9	5.0	4.2
1998	0.2	8.6	4.6	3.9	3.6	6.0	4.0
1999	0.1	9.7	6.0	3.6	4.3	5.9	4.3
2000	0.2	9.6	6.4	4.1	3.5	5.6	4.4
2001	0.2	9.1	4.6	3.8	4.6	5.3	4.0
2002	0.1	8.8	5.4	3.6	3.7	5.4	4.0
2003	0.2	8.4	4.2	3.8	3.2	5.5	3.8
2004	0.1	8.5	4.5	3.7	3.8	5.1	3.8
2005	0.1	8.2	5.5	3.3	4.3	4.1	3.8
2006	0.1	8.6	4.8	3.2	3.3	4.8	3.7
2007	0.1	7.5	5.2	3.7	2.9	4.8	3.7
2008	0.1	6.6	3.8	3.2	2.4	4.5	3.1
2009	0.2	6.3	4.2	3.5	2.6	4.2	3.3
Per cent change 2008–09	26.9	–4.5	9.2	11.6	8.1	–5.6	4.5
Average change 2004–09	10.4	–6.3	–3.7	–0.6	–9.8	–1.9	–3.5

^a Includes deaths of unknown age.

^b Average annual percentage change based on the exponential trend for the last five 12-month periods.

^c Includes deaths of unstated gender.

T2.5 Deaths per 100 000 population by age group for passengers— Australia 1990 to 2009

	0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a
Males							
1990	2.7	10.5	3.0	1.8	1.9	2.6	3.7
1995	2.0	8.2	2.9	1.4	0.9	2.7	2.9
1996	2.4	7.8	2.4	1.5	2.9	3.4	3.0
1997	2.2	7.6	1.9	0.9	1.4	2.0	2.5
1998	2.1	7.0	2.2	1.7	1.4	3.4	2.7
1999	1.6	7.8	1.8	0.8	1.3	1.6	2.2
2000	2.1	8.4	2.0	0.9	1.9	2.8	2.6
2001	1.8	7.0	2.2	0.8	1.3	3.4	2.3
2002	2.3	7.2	2.6	1.1	1.0	1.7	2.5
2003	2.1	6.7	2.0	0.9	1.5	1.9	2.3
2004	1.5	6.1	1.3	0.8	1.5	1.5	1.8
2005	1.5	5.9	1.3	0.9	0.7	1.1	1.8
2006	1.6	6.0	1.9	0.9	0.6	1.0	1.9
2007	1.3	4.9	1.8	0.6	0.4	2.2	1.7
2008	1.6	4.6	1.5	0.8	0.5	0.9	1.6
2009	1.4	5.3	1.2	0.8	0.6	1.4	1.7
Per cent change 2008–09	–9.1	15.1	–23.1	–1.3	15.4	57.8	3.1
Average change 2004–09 ^b	–0.3	–4.6	–0.1	–2.7	–15.2	0.0	–2.7
Females							
1990	2.4	6.6	1.9	2.2	7.1	8.0	3.7
1995	2.3	4.4	1.2	2.1	2.8	4.5	2.6
1996	2.3	3.3	1.1	1.7	3.5	5.4	2.4
1997	1.8	3.6	1.0	1.7	2.7	4.4	2.2
1998	2.0	3.9	1.3	1.4	2.9	4.4	2.3
1999	2.4	4.5	1.1	1.0	4.1	3.5	2.3
2000	1.9	3.8	1.1	1.3	2.6	4.6	2.1
2001	1.4	3.6	0.7	1.6	2.4	3.6	1.9
2002	1.2	4.2	1.3	1.1	1.5	3.3	1.8
2003	2.2	3.6	1.2	1.0	1.6	3.6	1.9
2004	1.5	3.9	0.9	1.2	2.2	2.7	1.8
2005	1.7	2.6	0.9	0.9	1.5	3.7	1.6
2006	1.3	2.6	0.8	0.9	1.5	1.8	1.3
2007	1.3	2.5	0.9	0.9	1.5	3.5	1.5
2008	1.0	2.4	0.9	0.8	1.0	2.0	1.2
2009	1.5	2.6	1.1	0.6	1.1	2.1	1.3
Per cent change 2008–09	43.9	9.3	23.9	–27.1	5.6	2.3	10.0
Average change 2004–09	–3.8	–6.1	3.4	–10.3	–12.7	–6.6	–5.8
Persons ^c							
1990	2.6	8.6	2.5	2.0	4.6	5.8	3.7
1995	2.2	6.4	2.1	1.7	1.9	3.8	2.7
1996	2.3	5.6	1.8	1.6	3.2	4.6	2.7
1997	2.0	5.6	1.5	1.3	2.0	3.4	2.3
1998	2.1	5.5	1.7	1.5	2.2	4.0	2.5
1999	2.0	6.2	1.4	0.9	2.7	2.7	2.3
2000	2.0	6.1	1.5	1.1	2.2	3.8	2.3
2001	1.6	5.3	1.4	1.2	1.9	3.5	2.1
2002	1.8	5.8	1.9	1.1	1.3	2.6	2.1
2003	2.2	5.2	1.6	0.9	1.6	2.9	2.1
2004	1.5	5.0	1.1	1.0	1.8	2.2	1.8
2005	1.6	4.3	1.1	0.9	1.1	2.6	1.7
2006	1.5	4.3	1.3	0.9	1.0	1.5	1.6
2007	1.3	3.7	1.4	0.7	1.0	3.0	1.6
2008	1.3	3.5	1.2	0.8	0.8	1.6	1.4
2009	1.6	4.0	1.1	0.7	0.8	1.8	1.5
Per cent change 2008–09	15.9	13.2	–5.9	–14.5	8.9	16.5	7.0
Average change 2004–09	–1.2	–5.1	1.5	–6.7	–13.6	–5.0	–4.0

^a Includes deaths of unknown age.

^b Average annual percentage change based on the exponential trend for the last five 12-month periods.

^c Includes deaths of unstated gender.

T2.6 Deaths per 100 000 population by age group for pedestrians— Australia 1990 to 2009

	0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a
Males							
1990	2.3	4.3	2.9	2.8	3.8	12.7	3.6
1995	1.6	4.0	2.9	2.0	3.0	11.0	3.1
1996	1.3	3.4	1.9	1.9	3.9	9.5	2.7
1997	1.2	3.7	2.7	1.5	2.9	6.4	2.4
1998	1.3	3.5	2.1	1.7	1.7	6.1	2.3
1999	0.8	3.3	2.1	1.4	3.1	5.8	2.1
2000	1.3	3.1	1.6	1.6	2.7	5.6	2.1
2001	1.1	2.7	2.0	1.6	2.4	5.7	2.1
2002	0.8	2.4	1.4	1.7	2.7	3.4	1.7
2003	0.7	1.7	1.6	1.3	1.6	4.6	1.6
2004	0.5	1.6	1.6	1.3	1.5	3.8	1.4
2005	0.7	2.2	1.4	1.0	1.4	3.8	1.4
2006	0.5	1.4	1.7	1.2	1.4	4.7	1.5
2007	0.2	1.3	1.1	1.3	1.1	3.3	1.1
2008	0.4	2.1	1.3	1.0	0.9	3.2	1.2
2009	0.4	1.4	1.6	0.9	1.7	3.6	1.3
Per cent change 2008–09	8.6	–33.0	25.5	–11.5	81.7	11.0	5.3
Average change 2004–09 ^b	–8.5	–3.2	–1.3	–5.1	–2.4	–3.5	–3.1
Females							
1990	1.2	1.1	0.8	0.6	1.8	4.8	1.3
1995	0.8	0.6	0.8	1.0	2.0	5.0	1.3
1996	0.7	0.7	1.0	0.6	1.7	4.2	1.2
1997	0.5	1.1	0.6	0.7	1.8	4.4	1.1
1998	0.6	0.6	0.8	0.8	1.5	4.5	1.1
1999	0.7	0.7	0.5	0.7	1.5	4.0	1.1
2000	0.7	0.6	0.6	0.4	1.2	3.3	0.9
2001	0.5	0.4	0.8	0.6	1.2	3.3	0.9
2002	0.5	0.8	0.4	0.7	0.5	2.6	0.8
2003	0.4	0.3	0.8	0.3	0.9	3.1	0.8
2004	0.4	0.9	0.5	0.4	1.2	2.5	0.8
2005	0.2	0.8	0.6	0.4	0.7	3.4	0.8
2006	0.8	0.5	0.5	0.5	0.9	2.0	0.7
2007	0.6	0.8	0.8	0.6	0.9	1.6	0.8
2008	0.1	0.4	0.3	0.5	0.7	2.0	0.5
2009	0.4	0.4	0.3	0.5	0.7	1.1	0.5
Per cent change 2008–09	196.0	16.6	14.4	5.7	–4.0	–42.1	–2.0
Average change 2004–09	–4.2	–14.0	–10.4	5.6	–7.9	–15.2	–8.2
Persons ^c							
1990	1.8	2.8	1.8	1.8	2.8	8.0	2.5
1995	1.2	2.3	1.8	1.5	2.5	7.5	2.2
1996	1.0	2.1	1.5	1.3	2.8	6.4	1.9
1997	0.8	2.4	1.6	1.1	2.3	5.2	1.8
1998	0.9	2.1	1.4	1.3	1.6	5.2	1.7
1999	0.8	2.0	1.3	1.1	2.3	4.8	1.6
2000	1.0	1.9	1.1	1.0	2.0	4.3	1.5
2001	0.8	1.6	1.4	1.1	1.8	4.3	1.5
2002	0.7	1.6	0.9	1.2	1.6	3.0	1.3
2003	0.6	1.0	1.2	0.8	1.3	3.7	1.2
2004	0.5	1.3	1.0	0.9	1.3	3.0	1.1
2005	0.4	1.5	1.0	0.7	1.1	3.6	1.1
2006	0.7	0.9	1.1	0.8	1.1	3.2	1.1
2007	0.4	1.1	0.9	0.9	1.0	2.4	1.0
2008	0.3	1.2	0.8	0.7	0.8	2.5	0.9
2009	0.4	0.9	1.0	0.7	1.2	2.2	0.9
Per cent change 2008–09	59.4	–25.7	23.8	–5.9	44.2	–12.1	3.6
Average change 2004–09	–5.9	–5.8	–3.0	–2.1	–4.4	–8.2	–4.7

^a Includes deaths of unknown age.

^b Average annual percentage change based on the exponential trend for the last five 12-month periods.

^c Includes deaths of unstated gender.

T2.7 Deaths per 100 000 population by age group for motorcyclists— Australia 1990 to 2009

	0–16 yrs	17–25 yrs	26–39 yrs	40–59 yrs	60–69 yrs	≥ 70 yrs	All deaths ^a
Males							
1990	0.5	10.2	4.4	0.8	0.3	0.0	2.9
1995	0.3	3.0	3.7	1.1	0.6	0.2	2.2
1996	0.2	3.0	3.2	1.1	0.4	0.0	2.0
1997	0.3	2.0	3.0	1.2	0.3	0.2	1.7
1998	0.2	2.3	3.3	1.3	0.3	0.1	1.8
1999	0.3	1.6	3.6	1.4	0.6	0.0	1.7
2000	0.2	4.7	3.6	1.6	0.4	0.3	1.9
2001	0.2	5.1	4.5	1.8	0.7	0.3	2.2
2002	0.2	3.9	4.7	2.0	0.4	0.7	2.1
2003	0.3	3.5	3.6	1.7	0.4	0.1	1.7
2004	0.2	4.2	3.4	1.6	0.7	0.3	1.8
2005	0.1	4.8	4.3	2.1	0.9	0.6	2.2
2006	0.2	5.0	4.3	2.1	0.8	0.1	2.2
2007	0.3	4.2	4.0	2.0	1.2	0.4	2.1
2008	0.1	3.8	4.0	2.3	1.4	0.6	2.1
2009	0.1	2.8	3.3	3.0	0.8	0.1	2.0
Per cent change 2008–09	48.1	–28.0	–17.1	31.6	–45.0	–80.6	–8.1
Average change 2004–09 ^b	–6.6	–8.0	–1.3	10.8	6.0	–9.0	0.8
Females							
1990	0.0	0.7	0.3	0.1	0.0	0.0	0.2
1995	0.0	0.3	0.2	0.0	0.0	0.0	0.1
1996	0.0	0.2	0.1	0.2	0.1	0.0	0.1
1997	0.0	0.8	0.3	0.1	0.0	0.1	0.2
1998	0.0	0.5	0.1	0.1	0.1	0.0	0.1
1999	0.0	0.3	0.2	0.1	0.0	0.0	0.1
2000	0.0	0.5	0.2	0.0	0.1	0.0	0.1
2001	0.0	0.0	0.1	0.1	0.0	0.0	0.1
2002	0.1	0.3	0.2	0.2	0.1	1.5	0.2
2003	0.0	0.4	0.3	0.2	0.0	0.0	0.2
2004	0.1	0.1	0.3	0.3	0.0	0.0	0.2
2005	0.0	0.2	0.1	0.0	0.1	0.0	0.1
2006	0.0	0.2	0.1	0.2	0.1	0.0	0.1
2007	0.0	0.2	0.1	0.3	0.2	0.0	0.2
2008	0.0	0.4	0.1	0.3	0.1	0.0	0.2
2009	0.0	0.1	0.2	0.2	0.0	0.0	0.1
Per cent change 2008–09	–	–67.6	145.2	–45.2	–100.0	–	–34.6
Average change 2004–09	–	13.3	–7.1	15.0	–	–	1.0
Persons ^c							
1990	0.3	5.5	2.4	0.5	0.1	0.0	1.5
1995	0.2	3.6	1.9	0.6	0.3	0.1	1.1
1996	0.1	3.6	1.7	0.6	0.3	0.0	1.1
1997	0.2	2.7	1.7	0.6	0.1	0.1	1.0
1998	0.1	2.9	1.7	0.7	0.2	0.1	1.0
1999	0.2	2.1	1.9	0.8	0.3	0.0	0.9
2000	0.1	2.6	1.9	0.8	0.3	0.1	1.0
2001	0.1	2.6	2.3	1.0	0.3	0.1	1.1
2002	0.2	2.1	2.4	1.1	0.3	0.3	1.1
2003	0.1	2.0	1.9	0.9	0.2	0.1	0.9
2004	0.2	2.2	1.9	0.9	0.4	0.1	1.0
2005	0.1	2.6	2.2	1.1	0.5	0.3	1.1
2006	0.1	2.7	2.2	1.1	0.5	0.1	1.2
2007	0.2	2.2	2.0	1.2	0.7	0.2	1.1
2008	0.0	2.2	2.1	1.3	0.8	0.3	1.1
2009	0.1	1.5	1.8	1.6	0.4	0.0	1.0
Per cent change 2008–09	48.0	–32.0	–13.3	22.3	–48.7	–80.5	–10.0
Average change 2004–09	–13.7	–7.0	–1.4	10.4	5.6	–8.5	0.8

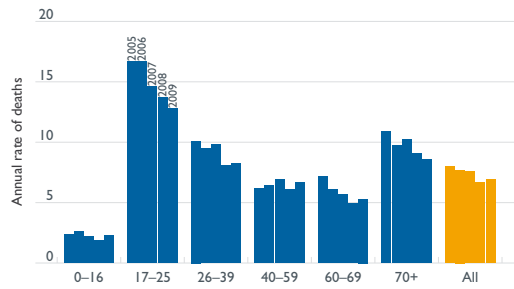
^a Includes deaths of unknown age.

^b Average annual percentage change based on the exponential trend for the last five 12-month periods.

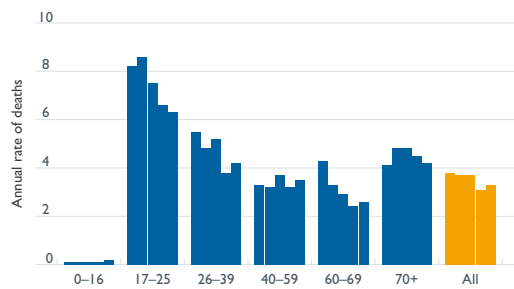
^c Includes deaths of unstated gender.

F2.1 Annual deaths per 100 000 population for road user groups—2005 to 2009

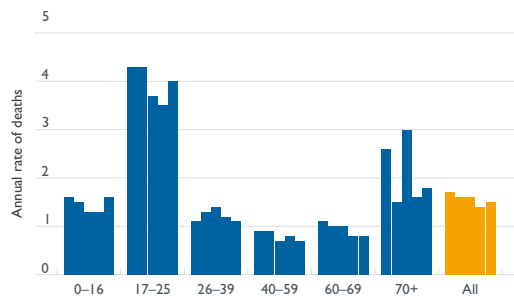
A All road users



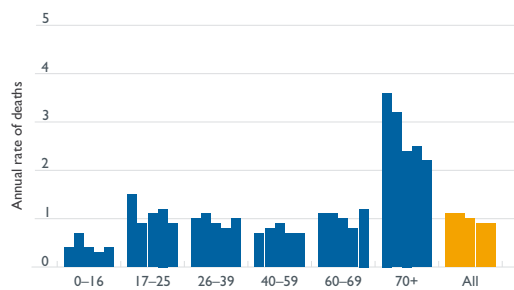
B Drivers



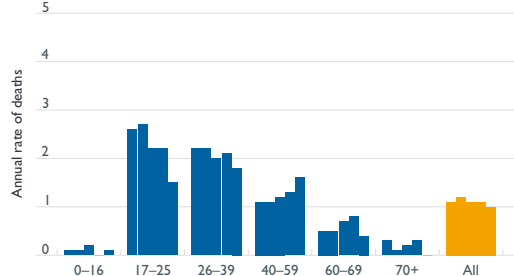
C Passengers



D Pedestrians



E Motorcyclists



T2.8 Deaths per registered motor vehicle by state/territory — 1990 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Deaths per 10 000 registered motor vehicles a									
1990	2.47	2.07	2.28	2.56	1.89	2.41	8.55	1.64	2.31
1995	1.86	1.46	2.27	1.88	1.78	1.78	6.75	0.82	1.84
1996	1.68	1.37	1.85	1.84	2.02	1.97	7.49	1.22	1.73
1997	1.63	1.21	1.69	1.49	1.55	0.98	6.05	0.86	1.51
1998	1.51	1.23	1.25	1.63	1.68	1.49	6.75	1.13	1.45
1999	1.57	1.17	1.36	1.46	1.62	1.61	4.75	0.96	1.44
2000	1.62	1.23	1.35	1.59	1.56	1.30	4.95	0.89	1.46
2001	1.40	1.34	1.38	1.46	1.20	1.84	4.86	0.79	1.39
2002	1.46	1.16	1.32	1.45	1.27	1.10	5.30	0.48	1.34
2003	1.37	0.94	1.21	1.46	1.25	1.21	5.08	0.52	1.23
2004	1.26	0.96	1.17	1.27	1.20	1.66	3.30	0.42	1.17
2005	1.22	0.95	1.19	1.33	1.07	1.41	5.01	1.18	1.17
2006	1.16	0.90	1.16	1.03	1.27	1.47	4.03	0.58	1.12
2007	1.00	0.87	1.19	1.07	1.40	1.18	4.91	0.60	1.08
2008	0.83	0.77	1.03	0.84	1.20	1.00	6.10	0.58	0.94
2009	1.01	0.72	1.01	0.98	1.08	1.60	2.41	0.49	0.96
Per cent change 2008–09	22.5	–6.4	–2.5	17.2	–10.0	60.3	–60.5	–16.1	2.1
Average change 2004–09 b	–6.6	–5.8	–3.2	–7.2	–0.3	–4.0	–2.2	–3.8	–4.6

a Counts of registered motor vehicles obtained for years prior to 1995 are from the Australian Bureau of Statistics *Motor Vehicle Registrations Australia* (ABS Cat. No. 9303.0) and for years 1995 and thereafter from the Australian Bureau of Statistics *Motor Vehicle Census Australia* (ABS Cat. No. 9309.0) except for year 2000 registrations which are linearly interpolated from 1999 and 2001 figures. Note that the census is taken at 30 June for 1980–94, at 31 May for 1995, at 31 October for 1996–99 and at 31 March for 2001–09.

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

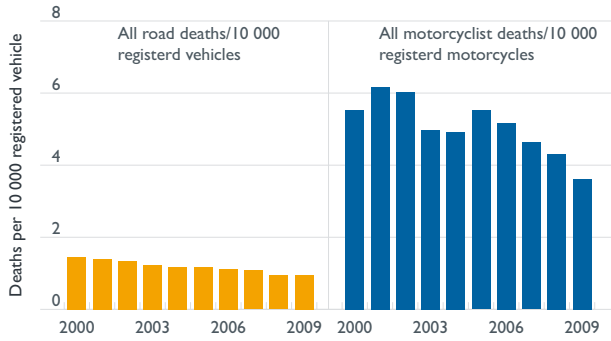
T19 Deaths of motorcyclists per registered motorcycle by state/territory—
1990 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Deaths of motorcyclists per 10 000 registered motorcycles a									
1990	10.02	8.10	7.75	8.42	7.49	9.68	12.20	6.82	8.62
1995	7.79	6.09	7.90	4.19	4.56	9.72	15.27	12.04	6.88
1996	7.44	5.06	6.17	6.48	9.00	2.70	2.52	0.00	6.35
1997	5.46	5.11	6.45	4.87	4.83	5.28	17.73	8.33	5.65
1998	5.88	5.83	3.56	4.66	6.68	8.52	12.92	5.13	5.50
1999	6.43	4.32	5.60	5.74	4.44	2.33	13.72	1.70	5.27
2000	6.97	4.97	4.46	5.85	5.21	5.90	13.85	1.60	5.53
2001	7.71	6.76	3.90	5.01	6.26	8.31	8.35	1.55	6.16
2002	5.75	5.45	6.74	7.75	4.94	11.35	11.72	1.48	6.04
2003	5.90	3.94	5.01	4.57	4.89	12.82	0.00	1.43	4.98
2004	5.46	3.61	5.38	7.14	4.44	7.78	0.00	2.82	4.92
2005	5.66	4.46	6.57	6.19	3.96	7.40	5.89	10.83	5.52
2006	5.40	4.11	5.25	6.51	5.36	4.77	15.19	3.74	5.16
2007	4.57	3.63	5.81	2.17	5.44	6.26	6.87	3.28	4.63
2008	3.71	3.16	5.17	4.30	4.67	6.51	20.28	3.94	4.32
2009	4.18	2.57	3.96	3.36	3.79	5.96	1.82	1.76	3.61
Per cent change 2008–09	12.6	–18.6	–23.5	–21.9	–18.9	–8.4	–91.0	–55.4	–16.5
Average change 2004–09 b	–7.6	–7.8	–6.0	–15.7	–0.8	–4.0	–	–14.6	–6.6

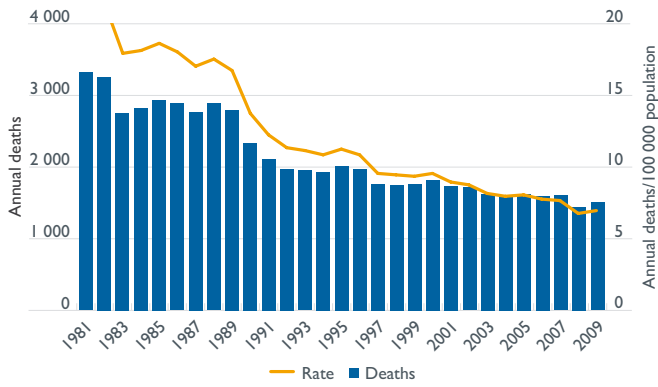
a Counts of registered motor vehicles obtained for years prior to 1995 are from the Australian Bureau of Statistics *Motor Vehicle Registrations Australia* (ABS Cat. No. 9303.0) and for years 1995 and thereafter from the Australian Bureau of Statistics *Motor Vehicle Census Australia* (ABS Cat. No. 9309.0) except for year 2000 registrations which are linearly interpolated from 1999 and 2001 figures. Note that the census is taken at 30 June for 1980–94, at 31 May for 1995, at 31 October for 1996–99 and at 31 March for 2001–09.

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

F2.2 Deaths per registered vehicle by vehicle type—last ten years



F2.3 Annual road deaths and rate per population



CHAPTER 3

Fatal road crashes

T3.1 Fatal crashes by crash type and state/territory—2005 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
All crashes									
2005	459	314	296	127	151	49	51	25	1 472
2006	449	309	313	104	184	43	41	12	1 455
2007	405	289	338	107	214	39	47	14	1 453
2008	353	278	294	87	189	37	67	14	1 319
2009	417	268	296	104	182	52	31	11	1 361
Per cent change 2008–09	18.1	–3.6	0.7	19.5	–3.7	40.5	–53.7	–21.4	3.2
Average change 2004–09 ^a	–3.8	–3.3	0.5	–5.9	4.1	–2.7	1.4	–1.6	–1.8
Single vehicle crashes									
2005	178	129	142	61	73	27	34	10	654
2006	206	136	149	49	101	17	17	5	680
2007	163	137	155	52	127	14	27	8	683
2008	163	115	143	40	103	22	42	6	634
2009	197	109	140	60	102	26	18	7	659
Per cent change 2008–09	20.9	–5.2	–2.1	50.0	–1.0	18.2	–57.1	16.7	3.9
Average change 2004–09	–0.4	–2.1	0.3	–4.5	7.5	–3.3	1.6	9.5	0.3
Multiple vehicle crashes									
2005	185	137	117	54	62	20	9	10	594
2006	172	121	118	43	61	23	11	5	554
2007	174	111	141	40	67	21	8	5	567
2008	141	104	122	35	67	14	8	5	496
2009	157	109	119	36	57	23	6	2	509
Per cent change 2008–09	11.3	4.8	–2.5	2.9	–14.9	64.3	–25.0	–60.0	2.6
Average change 2004–09	–4.9	–6.5	1.1	–8.8	0.9	–1.3	0.7	–14.7	–3.5
Pedestrian crashes									
2005	96	48	37	12	16	2	8	5	224
2006	71	52	46	12	22	3	13	2	221
2007	68	41	42	15	20	4	12	1	203
2008	49	59	29	12	19	1	17	3	189
2009	63	50	37	8	23	3	7	2	193
Per cent change 2008–09	28.6	–15.3	27.6	–33.3	21.1	200.0	–58.8	–33.3	2.1
Average change 2004–09	–9.5	1.4	–0.7	–3.8	–0.5	–8.8	2.7	–6.2	–3.4

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

T3.2 Fatal crashes by speed zone and state/territory—2005 to 2009

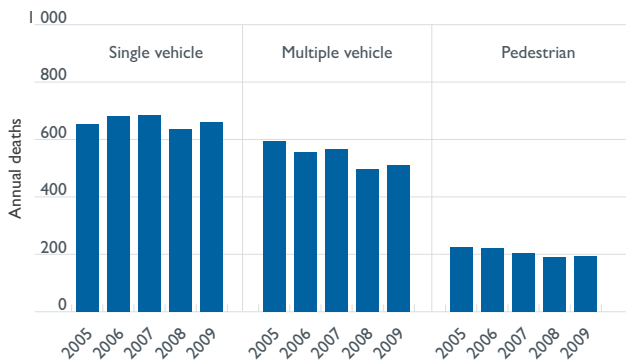
	NSW	VIC	QLD	SA	WA	TAS	NT	ACT ^a	Australia
All crashes ^b									
2005	459	314	296	127	151	49	51	25	1 472
2006	449	309	313	104	184	43	41	12	1 455
2007	405	289	338	107	214	39	47	14	1 453
2008	353	278	294	87	189	37	67	14	1 319
2009	417	268	296	104	182	52	31	11	1 361
Per cent change 2008–09	18.1	–3.6	0.7	19.5	–3.7	40.5	–53.7	–21.4	3.2
Average change 2004–09 ^c	–3.8	–3.3	0.5	–5.9	4.1	–2.7	1.4	–1.6	–1.8
Low-speed zones^d									
2005	171	83	92	49	40	9	9	–	453
2006	143	88	127	36	49	10	9	–	462
2007	153	71	117	35	46	5	9	–	436
2008	125	81	109	25	47	8	19	–	414
2009	143	73	106	28	42	11	3	–	406
Per cent change 2008–09	14.4	–9.9	–2.8	12.0	–10.6	37.5	–84.2	–	–1.9
Average change 2004–09	–3.8	–3.3	–0.2	–12.7	–0.1	–4.1	2.3	–	–3.0
Mid-speed zones									
2005	104	83	48	16	42	12	7	–	312
2006	117	68	56	23	51	5	9	–	329
2007	92	68	76	11	53	5	7	–	312
2008	92	71	57	18	56	6	14	–	314
2009	92	56	68	24	43	7	9	–	299
Per cent change 2008–2009	0.0	–21.1	19.3	33.3	–23.2	16.7	–35.7	–	–4.8
Average change 2004–09	–5.3	–2.5	6.7	–1.1	3.7	–5.8	5.4	–	–0.7
High-speed zones									
2005	184	140	156	62	66	28	35	–	671
2006	189	153	130	45	71	28	22	–	638
2007	160	150	145	61	94	29	29	–	668
2008	136	124	126	41	78	23	30	–	558
2009	178	128	122	51	84	34	19	–	616
Per cent change 2008–09	30.9	3.2	–3.2	24.4	7.7	47.8	–36.7	–	10.4
Average change 2004–09	–3.3	–4.3	–1.4	–3.7	5.8	–1.2	–1.9	–	–2.0

^a Speed zone is not coded for ACT crashes.^b Includes crashes with unstated speed limit.^c Average annual percentage change based on the exponential trend for the last five 12-month periods.^d 'Low-speed' zones refer to posted speed limits less than or equal to 60 km/h.

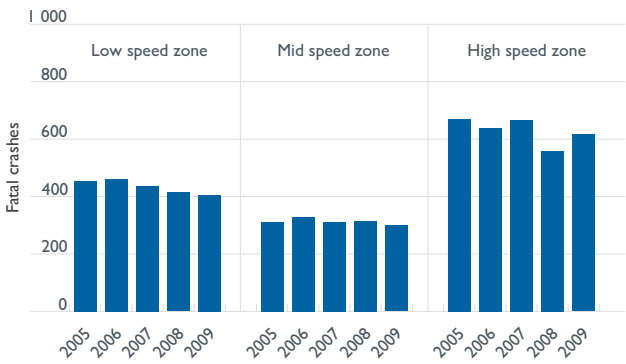
'Mid-speed' zones refer to speed limits above 60 km/h but less than or equal to 90 km/h.

'High-speed' zones refer to speed limits greater than 90 km/h.

F3.1 Fatal crashes by crash type—2005 to 2009



F3.2 Fatal crashes by speed zone—2005 to 2009



T3.3 Fatal crashes by crash type, time of day and day of week— Australia 2005 to 2009

	Day	Night ^a	Weekday	Weekend ^b	All fatal crashes ^c
All crashes					
2005	817	655	858	614	1 472
2006	799	656	824	631	1 455
2007	833	620	884	569	1 453
2008	722	597	763	556	1 319
2009	789	572	841	520	1 361
Per cent change 2008–09	9.3	–4.2	10.2	–6.5	3.2
Average change 2004–09 ^d	–0.8	–3.0	–0.8	–3.2	–1.8
Single vehicle crashes					
2005	299	355	335	319	654
2006	309	371	338	342	680
2007	324	359	359	324	683
2008	287	347	309	325	634
2009	322	337	351	308	659
Per cent change 2008–09	12.2	–2.9	13.6	–5.2	3.9
Average change 2004–09	2.2	–1.4	0.6	–0.2	0.3
Multiple vehicle crashes					
2005	413	181	377	217	594
2006	385	169	346	208	554
2007	407	160	386	181	567
2008	352	144	337	159	496
2009	377	132	358	151	509
Per cent change 2008–09	7.1	–8.3	6.2	–5.0	2.6
Average change 2004–09	–2.5	–6.1	–1.9	–6.8	–3.5
Pedestrian crashes					
2005	105	119	146	78	224
2006	105	116	140	81	221
2007	102	101	139	64	203
2008	83	106	117	72	189
2009	90	103	132	61	193
Per cent change 2008–09	8.4	–2.8	12.8	–15.3	2.1
Average change 2004–09	–3.1	–3.6	–1.2	–7.0	–3.4

^a 6.00 pm to 5.59 am all days.

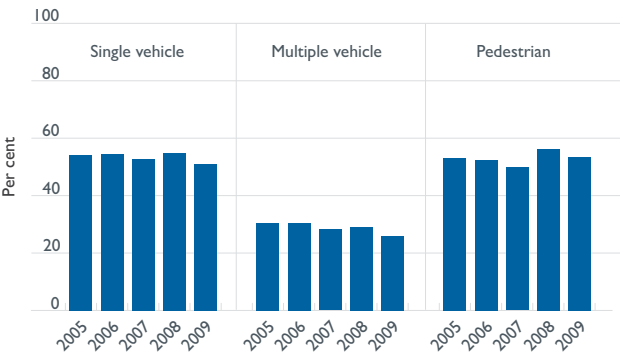
^b 6.00 pm Friday to 5.59 am Monday.

^c Includes crashes of unstated day of week or time of day.

^d Average annual percentage change based on the exponential trend for the last five 12-month periods.

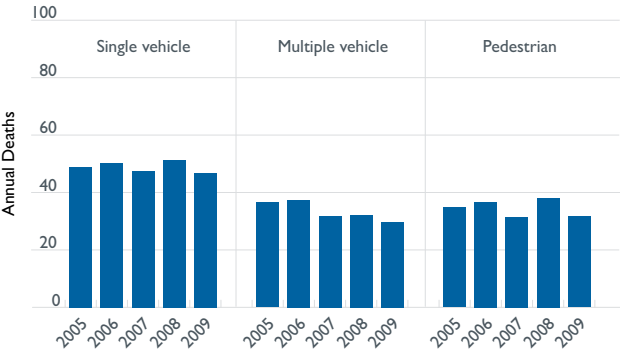
F3.3 Proportion of crashes occurring at night

Each crash type shown separately



F3.4 Proportion of crashes occurring during weekend

Each crash type shown separately



T3.4 Fatal crashes involving vehicle occupant death by crash type, time of day and day of week—Australia, 2005 to 2009

	Day	Night ^a	Weekday	Weekend ^b	All fatal crashes ^c
All crashes					
2005	528	451	580		979
2006	512	450	552	410	962
2007	547	433	605	375	980
2008	462	397	505	354	859
2009	528	390	569	349	918
Per cent change 2008–09	14.3	–1.8	12.7	–1.4	6.9
Average change 2004–09 ^d	–1.1	–3.4	–1.3	–3.3	–2.1
Single vehicle crashes					
2005	235	311	289	257	546
2006	244	320	288	276	564
2007	263	316	318	261	579
2008	221	296	265	252	517
2009	262	300	308	254	562
Per cent change 2008–09	18.6	1.4	16.2	0.8	8.7
Average change 2004–09	1.9	–1.3	0.7	–0.6	0.1
Multiple vehicle crashes					
2005	293	139	291	141	432
2006	268	129	263	134	397
2007	284	117	287	114	401
2008	241	101	240	102	342
2009	266	90	261	95	356
Per cent change 2008–09	10.4	–10.9	8.8	–6.9	4.1
Average change 2004–09	–3.5	–8.8	–3.3	–9.0	–5.1

^a 6.00 pm to 5.59 am all days.

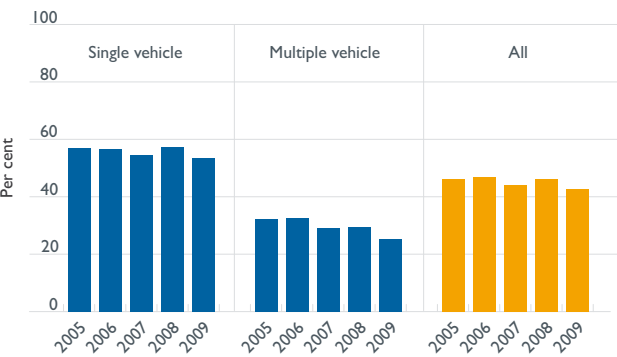
^b 6.00 pm Friday to 5.59 am Monday.

^c Includes crashes of unstated day of week or time of day.

^d Average annual percentage change based on the exponential trend for the last five 12-month periods.

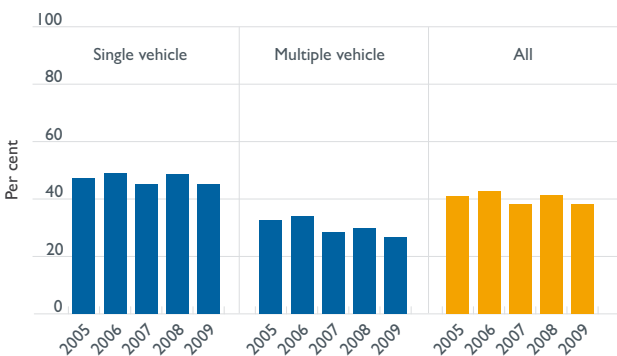
F3.5 Proportion of crashes involving occupant death occurring at night

Calculated within each crash type separately



F3.6 Proportion of crashes involving occupant death occurring during weekend

Calculated within each crash type separately



T3.5 Fatal crashes involving vehicle occupant death by crash type and speed zone—Australia, 2005 to 2009

	Low-speed ^a	Mid-speed	High-speed	All fatal crashes ^b
Total ^c				
2005	207	214	541	979
2006	191	213	540	962
2007	193	196	563	980
2008	193	196	449	859
2009	183	197	514	918
Per cent change 2008–09	–5.2	0.5	14.5	6.9
Average change 2004–09 ^d	–3.8	–2.5	–1.8	–2.1
Single vehicle crashes				
2005	117	95	324	546
2006	108	115	329	564
2007	110	100	346	579
2008	114	103	287	517
2009	116	104	329	562
Per cent change 2008–09	1.8	1.0	14.6	8.7
Average change 2004–09	–1.2	–0.8	0.6	0.1
Multiple vehicle crashes				
2005	90	118	217	432
2006	83	98	210	397
2007	83	96	217	401
2008	79	93	162	342
2009	67	93	185	356
Per cent change 2008–09	–15.2	0.0	14.2	4.1
Average change 2004–09	–7.3	–4.1	–5.3	–5.1

^a 'Low-speed' zones refer to posted speed limits less than or equal to 60 km/h.

'Mid-speed' zones refer to speed limits above 60 km/h but less than or equal to 90 km/h.

'High-speed' zones refer to speed limits greater than 90 km/h.

^b Includes crashes with unstated speed limit.

^c Includes crashes where a pedestrian may have also died.

^d Average annual percentage change based on the exponential trend for the last five 12-month periods.

T3.6 Fatal crashes involving motorcyclist death by crash type, time of day and day of week—2005 to 2009

	Day	Night ^a	Weekday	Weekend ^b	All fatal crashes ^c
Total ^d					
2005	151	76	106	121	227
2006	156	80	110	126	236
2007	156	76	119	113	232
2008	158	83	122	119	241
2009	149	71	121	99	220
Per cent change 2008–09	–5.7	–14.5	–1	–17	–8.7
Average change 2004–09 ^e	3.4	0.8	4.5	0.4	2.5
Single vehicle crashes					
2005	55	38	39	54	93
2006	62	50	47	65	112
2007	58	42	41	59	100
2008	62	47	39	70	109
2009	55	35	39	51	90
Per cent change 2008–09	–11.3	–25.5	0.0	–27.1	–17.4
Average change 2004–09	5.5	–0.6	2.5	2.9	2.8
Multiple vehicle crashes					
2005	96	37	66	67	133
2006	94	29	63	60	123
2007	98	34	78	54	132
2008	96	36	83	49	132
2009	94	36	82	48	130
Per cent change 2008–09	–2.1	0.0	–1.2	–2.0	–1.5
Average change 2004–09 ^a	2.3	2.9	5.8	–2.0	2.4

^a 6.00 pm to 5.59 am all days.

^b 6.00 pm Friday to 5.59 am Monday.

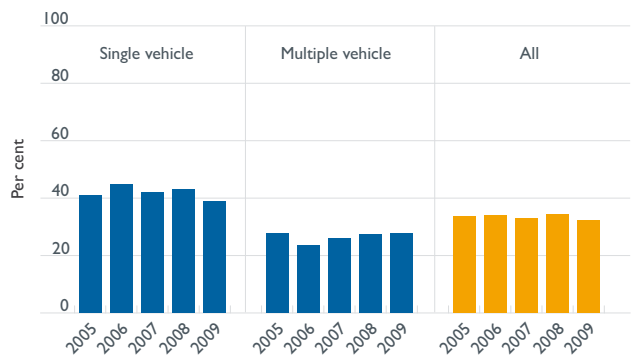
^c Includes crashes of unstated day of week or time of day.

^d Includes crashes where a pedestrian may have also died.

^e Average annual percentage change based on the exponential trend for the last five 12-month periods.

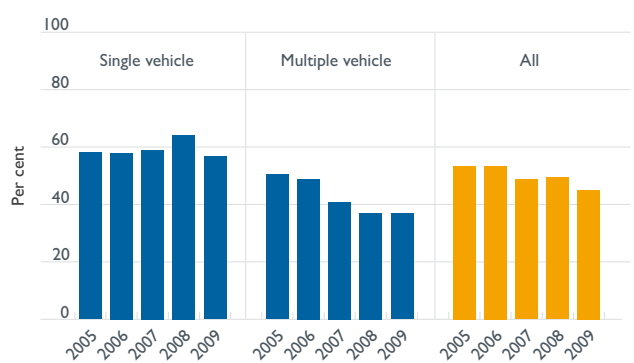
F3.7 Proportion of crashes involving motorcyclist death occurring at night

Calculated within each crash type separately



F3.8 Proportion of crashes involving motorcyclist death occurring during weekend

Calculated within each crash type separately



T3.7 Fatal crashes involving motorcyclist death by crash type and speed zone— Australia, 2005 to 2009

	Low-speed ^a	Mid-speed	High-speed	All fatal crashes ^b
Total ^c				
2005	87	60	72	227
2006	109	62	60	236
2007	82	75	70	232
2008	100	66	69	241
2009	99	50	63	220
Per cent change 2008–09	–1.0	–24.2	–8.7	–8.7
Average change 2004–09 ^d	2.3	5.4	0.5	2.5
Single vehicle crashes				
2005	30	23	35	93
2006	48	26	34	112
2007	37	29	32	100
2008	42	27	37	109
2009	40	22	23	90
Per cent change 2008–09	–4.8	–18.5	–37.8	–17.4
Average change 2004–09	4.1	3.1	0.3	2.8
Multiple vehicle crashes				
2005	57	36	37	133
2006	61	35	26	123
2007	45	46	38	132
2008	58	39	32	132
2009	59	28	40	130
Per cent change 2008–09	1.7	–28.2	25.0	–1.5
Average change 2004–09	1.1	8.1	0.6	2.4

^a 'Low-speed' zones refer to posted speed limits less than or equal to 60 km/h.

'Mid-speed' zones refer to speed limits above 60 km/h but less than or equal to 90 km/h.

'High-speed' zones refer to speed limits greater than 90 km/h.

^b Includes crashes with unstated speed limit.

^c Includes crashes where a pedestrian may have also died.

^d Average annual percentage change based on the exponential trend for the last five 12-month periods.

T3.8 Fatal crashes involving pedestrian death by time of day and day of week— Australia, 2005 to 2009

	Daytime	Night-time a	Weekday	Weekend b	All fatal crashes c
2005	105	119	146	78	224
2006	105	116	140	81	221
2007	102	101	139	64	203
2008	83	106	117	72	189
2009	90	103	132	61	193
Per cent change 2008–09	8.4	–2.8	12.8	–15.3	2.1
Average change 2004–09 d	–3.1	–3.6	–1.2	–7.0	–3.4

a 6.00 pm to 5.59 am all days.

b 6.00 pm Friday to 5.59 am Monday.

c Includes crashes of unstated day of week or time of day.

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

T3.9 Fatal crashes involving pedestrian death by speed zone— Australia, 2005 to 2009

	Low-speed a	Mid-speed	High-speed	All fatal crashes b
2005	136	35	45	224
2006	142	47	30	221
2007	140	31	29	203
2008	105	44	35	189
2009	113	45	27	193
Per cent change 2008–09	7.6	2.3	–22.9	2.1
Average change 2004–09 c	–4.1	–0.1	–6.5	–3.4

a 'Low-speed' zones refer to posted speed limits less than or equal to 60 km/h.

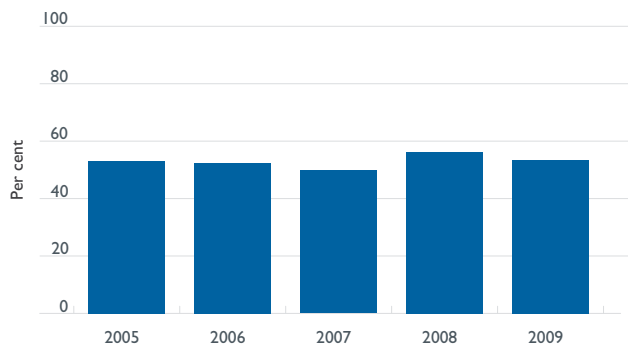
'Mid-speed' zones refer to speed limits above 60 km/h but less than or equal to 90 km/h.

'High-speed' zones refer to speed limits greater than 90 km/h.

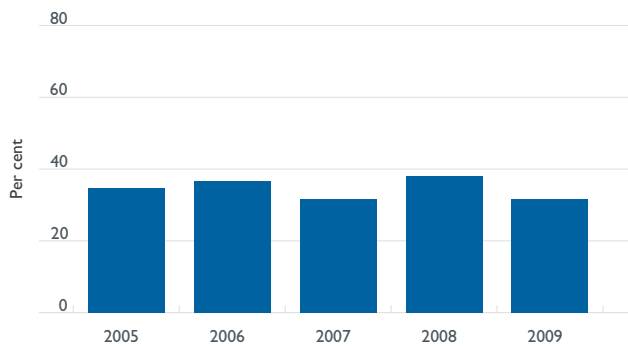
b Includes crashes with unstated speed limit.

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

F3.9 Proportion of crashes involving pedestrian death occurring at night



F3.10 Proportion of crashes involving pedestrian death occurring during weekend



T3.10 Fatal crashes by road user time of day and day of week—Australia three years, 2007 to 2009 combined

Time of day of crash	Day of week of crash							Total crashes
	Mon	Tue	Wed	Thur	Fri	Sat	Sun	
All road users ^a								
Early morning	52	58	78	74	86	196	181	725
Morning	119	121	144	146	157	137	136	960
Afternoon	182	210	158	214	210	202	208	1 384
Evening	110	117	134	170	207	185	141	1 064
Total crashes ^b	463	506	514	604	660	720	666	4 133
Occupants aged less than 26								
Early morning	12	23	24	22	35	76	91	283
Morning	23	20	22	25	28	28	32	178
Afternoon	29	27	27	28	41	32	44	228
Evening	32	19	32	50	55	55	33	276
Total crashes	96	89	105	125	159	191	200	965
Occupants aged 26 and over								
Early morning	25	25	40	35	27	71	53	276
Morning	60	61	81	74	84	66	65	491
Afternoon	104	110	80	131	100	97	69	691
Evening	45	52	50	61	78	72	66	424
Total crashes	234	248	251	301	289	306	253	1 882
Pedestrians aged less than 70								
Early morning	3	3	6	12	15	31	21	91
Morning	5	15	12	12	12	10	1	67
Afternoon	10	24	15	16	21	8	10	104
Evening	17	20	32	32	31	29	21	182
Total crashes	35	62	65	72	79	78	53	444
Pedestrians aged 70 and over								
Early morning	0	1	1	1	0	0	1	4
Morning	9	7	8	7	11	8	2	52
Afternoon	12	14	4	4	11	6	1	52
Evening	3	7	2	7	11	1	2	33
Total crashes	24	29	15	19	33	15	6	141
Motorcyclists								
Early morning	9	5	7	6	12	21	16	76
Morning	17	15	17	24	20	23	39	155
Afternoon	27	32	32	37	39	60	81	308
Evening	12	17	19	24	37	25	20	154
Total crashes	65	69	75	91	108	129	156	693
Cyclists								
Early morning	3	2	3	0	0	2	1	11
Morning	5	3	6	6	4	7	5	36
Afternoon	5	6	2	3	7	4	9	36
Evening	2	3	2	0	2	5	3	17
Total crashes	15	14	13	9	13	18	18	100

a Includes crashes with unstated road user type.

b Includes crashes with unstated time of day.

Note: Early morning: Midnight to 5.59 am.

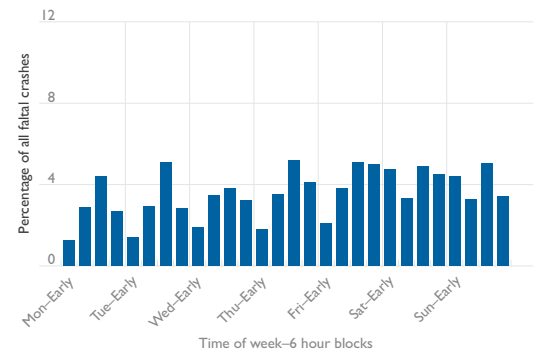
Morning: 6.00 am to 11.59 am.

Afternoon: Noon to 5.59 pm.

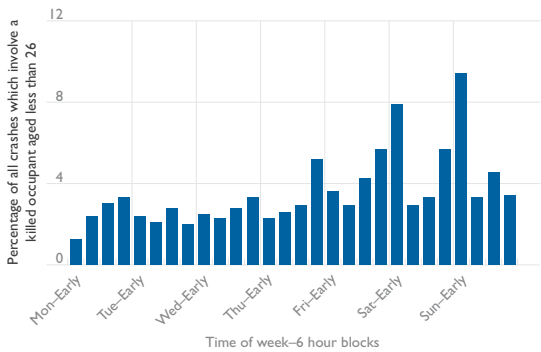
Evening: 6.00 pm to 11.59 pm.

F3.11 Crashes involving death of selected road users by time of day and day of week—Australia three years 2007–09 combined

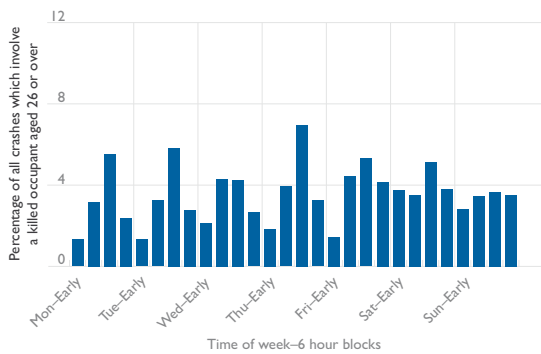
A All fatal road crashes



B Crashes involving death of a occupant aged less than 26

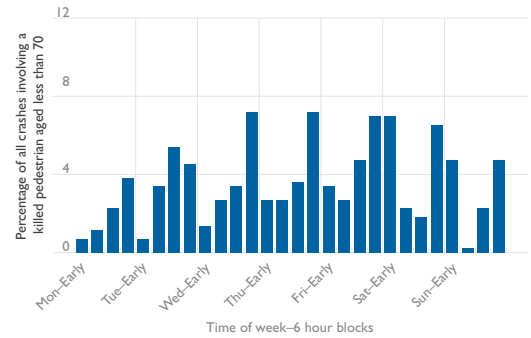


C Crashes involving death of a occupant aged 26 or over

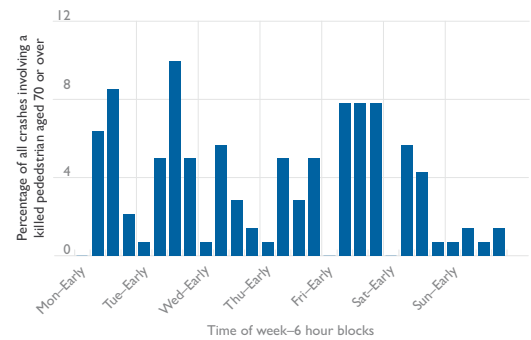


F3.11 Crashes involving death of selected road users by time of day and day of week, (continued)

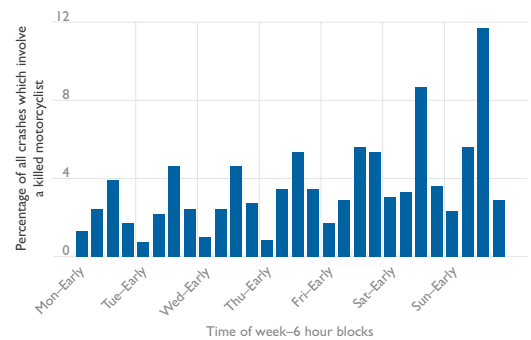
D Crashes involving death of a pedestrian aged less than 70



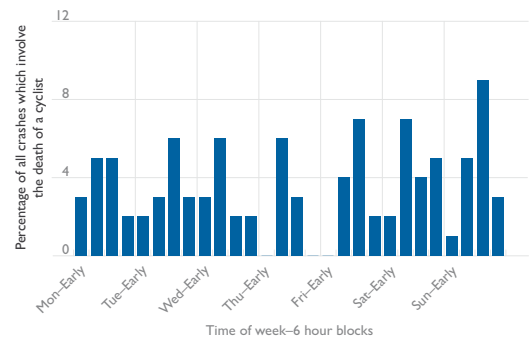
E Crashes involving death of a pedestrian aged 70 or over



F Crashes involving death of a motorcyclist



G Crashes involving death of a pedal cyclist



T3.11 Fatal crashes by state/territory—1990 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
1990	702	492	347	187	181	63	54	24	2 050
1991	585	435	359	166	187	66	60	16	1 874
1992	576	365	363	142	171	59	42	18	1 736
1993	518	381	357	191	191	47	41	11	1 737
1994	552	345	364	143	195	52	36	15	1 702
1995	563	371	408	163	194	53	56	14	1 822
1996	538	382	338	162	220	53	58	17	1 768
1997	525	346	321	123	184	29	56	17	1 601
1998	491	348	257	152	199	47	59	20	1 573
1999	506	345	273	132	189	47	44	17	1 553
2000	543	373	275	151	184	38	48	16	1 628
2001	486	404	296	137	151	52	43	15	1 584
2002	501	361	283	138	159	35	40	8	1 525
2003	483	294	284	136	155	39	44	10	1 445
2004	458	312	289	128	162	52	34	9	1 444
2005	459	314	296	127	151	49	51	25	1 472
2006	449	309	313	104	184	43	41	12	1 455
2007	405	289	338	107	214	39	47	14	1 453
2008	353	278	294	87	189	37	67	14	1 319
2009	417	268	296	104	182	52	31	11	1 361
Per cent change 2008–09	18.1	–3.6	0.7	19.5	–3.7	40.5	–53.7	–21.4	3.2
Average change 2004–09 ^a	–3.8	–3.3	0.5	–5.9	4.1	–2.7	1.4	–1.6	–1.8

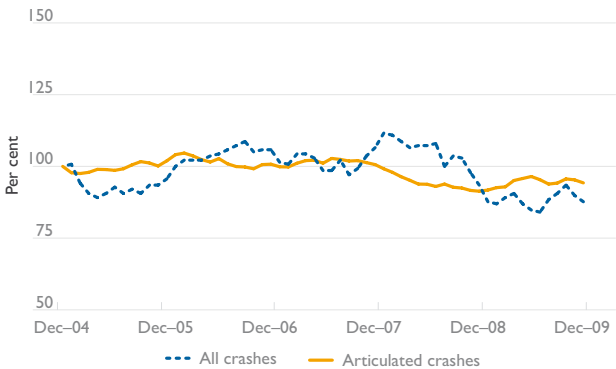
^a Average annual percentage change based on the exponential trend for the last five 12-month periods.

T3.12 Fatal crashes and deaths involving articulated trucks by state/territory—
1990 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Fatal crashes									
1990	77	51	31	18	15	10	3	0	205
1991	64	35	23	18	11	4	1	0	156
1992	73	27	34	8	10	1	1	0	154
1993	60	34	38	17	18	3	1	0	171
1994	52	36	34	14	13	1	1	0	151
1995	49	31	47	17	12	4	4	1	165
1996	48	33	34	19	23	2	1	1	161
1997	60	26	29	12	13	4	2	0	146
1998	58	30	28	18	12	2	2	1	151
1999	55	35	30	17	20	2	3	1	163
2000	69	32	28	15	12	6	3	0	165
2001	48	32	31	17	11	4	0	3	146
2002	76	41	24	12	12	3	3	0	171
2003	50	33	31	13	13	1	1	0	142
2004	57	35	13	10	17	4	2	0	138
2005	45	28	27	15	11	5	1	0	132
2006	57	26	34	9	12	6	2	0	146
2007	53	30	38	6	14	4	2	0	147
2008	47	20	35	9	9	6	3	0	129
2009	37	16	38	9	10	10	1	0	121
Deaths									
1990	94	68	37	26	17	13	8	0	263
1991	78	40	26	22	12	4	1	0	183
1992	84	32	38	14	10	1	2	0	181
1993	69	50	42	18	21	3	1	0	204
1994	67	38	41	15	16	1	1	0	179
1995	63	38	55	19	14	5	4	1	199
1996	56	39	42	25	26	2	2	2	194
1997	71	27	35	18	14	4	2	0	171
1998	71	32	33	24	13	2	2	2	179
1999	64	39	38	21	23	2	3	1	191
2000	84	40	40	19	13	6	6	0	208
2001	60	45	33	18	14	5	0	3	178
2002	86	49	28	13	14	3	7	0	200
2003	63	41	35	13	17	1	1	0	171
2004	64	37	13	13	18	4	2	0	151
2005	52	32	35	17	13	5	1	0	155
2006	69	31	37	10	14	8	2	0	171
2007	59	48	41	7	20	5	2	0	182
2008	53	21	46	10	11	6	3	0	150
2009	51	19	40	11	12	12	1	0	146

F3.12 Indices for fatal crashes involving articulated trucks—2004 to 2009

Each point shows number of fatal crashes in preceding 12 months expressed as percentage of comparable figure at December 2004.



T3.13 Fatal crashes involving articulated trucks by state/territory and speed zone at crash site—2000 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Low speed zones									
2000	11	2	4	3	2	3	0	—	25
2001	9	6	5	5	3	0	0	—	28
2002	16	4	3	1	0	0	0	—	24
2003	9	2	6	3	0	0	0	—	20
2004	8	3	2	2	0	2	0	—	17
2005	5	3	4	6	0	0	0	—	18
2006	6	4	5	4	2	0	1	—	22
2007	13	3	8	1	1	0	0	—	26
2008	10	5	7	1	1	0	1	—	25
2009	4	2	3	1	3	1	0	—	14
Mid speed zones									
2000	11	7	1	0	3	0	0	—	22
2001	5	6	3	1	3	1	0	—	19
2002	16	6	3	2	6	2	0	—	35
2003	13	7	11	2	5	1	0	—	39
2004	16	6	5	3	5	0	0	—	35
2005	15	7	1	2	3	2	1	—	31
2006	12	5	3	2	3	1	0	—	26
2007	9	5	5	2	2	0	1	—	24
2008	8	5	10	0	2	1	1	—	27
2009	7	1	9	0	1	1	0	—	19
High speed zones									
2000	47	23	23	12	7	3	3	—	118
2001	33	20	23	11	5	3	0	—	95
2002	44	31	18	9	6	1	3	—	112
2003	28	24	14	8	8	0	1	—	83
2004	33	26	6	5	11	2	2	—	85
2005	25	18	22	7	8	3	0	—	83
2006	39	17	26	3	7	5	1	—	98
2007	31	22	25	3	10	4	1	—	96
2008	29	10	18	8	4	5	1	—	75
2009	26	13	26	8	6	8	1	—	88

a 'Low-speed' zones refer to speed limits less than or equal to 60 km/h.
'Mid-speed' zones refer to speed limits above 60 km/h but less than or equal to 90 km/h.
'High-speed' zones refer to speed limits greater than 90 km/h.

T3.4 Summary comparisons of fatal articulated truck crashes—Australia 2005 to 2009 c

	Speed limit at crash site (km/h)			Time of day	
	≤ 60	65–90	> 90	Day	Night a
2005 (per cent)	14	23	63	58	42
2006 (per cent)	15	18	67	61	39
2007 (per cent)	18	16	66	65	35
2008 (per cent)	20	21	59	60	40
2009 (per cent)	12	16	73	70	30
	Crash type			Day of week	
	Pedestrian crash	Other single vehicle crash	Multiple vehicle crash	Weekday	Weekend b
2005 (per cent)	8	20	72	75	25
2006 (per cent)	14	15	71	75	25
2007 (per cent)	13	21	66	77	23
2008 (per cent)	14	16	70	78	22
2009 (per cent)	18	23	59	83	17

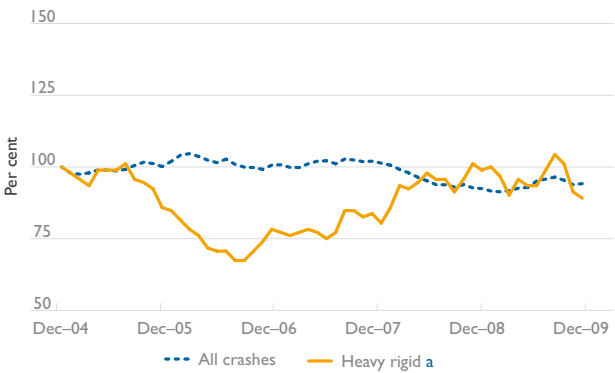
a 6.00 pm to 5.59 am all days.
b 6.00 pm Friday to 5.59 am Monday.
c Percentages are rounded. Totals may not add to 100.

T3.15 Fatal crashes and deaths involving heavy rigid trucks by state/territory—
2004 to 2008

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Fatal crashes									
2004	30	25	19	7	7	4	0	0	92
2005	26	28	10	3	7	2	1	1	78
2006	24	15	15	5	8	3	1	0	71
2007	28	24	10	5	10	1	1	0	79
2008	12	26	21	9	17	2	2	0	89
Deaths									
2004	38	30	22	7	7	4	0	0	108
2005	28	33	13	3	7	2	1	1	88
2006	30	15	16	5	9	3	1	0	79
2007	29	26	11	5	10	1	2	0	84
2008	12	27	24	10	18	2	2	0	95

F3.13 Indices for fatal crashes involving heavy rigid trucks—2003 to September 2009

Each point shows number of fatal crashes in preceding 12 months expressed as percentage of comparable figure at December 2004.



a Coding of heavy rigid truck involvement is current to September 2009.

T3.16 Fatal crashes involving heavy rigid trucks by state and speed zone at crash site—2004 to 2008

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Low-speed zones ^a									
2004	5	4	11	3	1	0	0	—	24
2005	7	9	4	1	3	1	0	—	25
2006	9	6	3	4	1	0	0	—	23
2007	14	5	2	2	2	0	0	—	25
2008	2	9	5	1	2	1	0	—	20
Mid-speed zones									
2004	13	3	2	1	2	1	0	—	22
2005	8	8	2	1	3	1	0	—	23
2006	8	5	4	0	3	0	0	—	20
2007	4	11	0	0	2	0	0	—	17
2008	4	9	7	4	7	0	0	—	31
High-speed zones									
2004	12	17	6	3	4	3	0	—	45
2005	11	11	4	1	1	0	1	—	29
2006	7	4	8	1	4	3	1	—	28
2007	10	8	8	3	6	1	1	—	37
2008	6	8	8	3	8	1	2	—	36

^a 'Low-speed' zones refer to speed limits less than or equal to 60 km/h.

'Mid-speed' zones refer to speed limits above 60 km/h but less than or equal to 90 km/h.

'High-speed' zones refer to speed limits greater than 90 km/h.

T3.17 Summary comparisons of fatal heavy rigid truck crashes—Australia 2004 to 2008

	Speed limit at crash site (km/h)			Time of day	
	≤ 60	65–90	> 90	Day	Night ^a
2004 (per cent)	26	24	49	85	15
2005 (per cent)	32	30	38	73	27
2006 (per cent)	32	28	39	86	14
2007 (per cent)	32	22	47	80	20
2008 (per cent)	23	36	41	76	24
	Crash type			Day of week	
	Pedestrian crash	Other single vehicle crash	Multiple vehicle crash	Weekday	Weekend ^b
2004 (per cent)	16	11	73	75	25
2005 (per cent)	14	9	77	81	19
2006 (per cent)	15	11	73	87	13
2007 (per cent)	15	8	77	82	18
2008 (per cent)	17	12	71	82	18

^a 6.00 pm to 5.59 am all days.

^b 6.00 pm Friday to 5.59 am Monday.

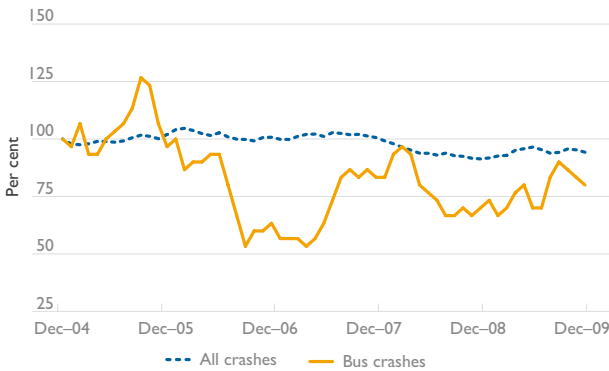
^c Percentages are rounded. Totals may not add to 100.

T3.18 Fatal crashes and deaths involving buses by state/territory—1990 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Fatal crashes									
1990	14	6	4	4	3	0	1	0	32
1991	6	6	12	3	1	1	0	1	30
1992	11	4	4	3	2	3	0	1	28
1993	14	5	7	2	5	1	1	1	36
1994	8	7	7	0	3	1	1	1	28
1995	9	3	6	1	2	1	0	0	22
1996	15	4	6	0	3	1	0	2	31
1997	13	1	2	0	5	1	1	1	24
1998	12	2	7	0	0	1	1	0	23
1999	10	2	12	2	1	1	0	1	29
2000	13	3	5	1	0	1	0	0	23
2001	11	7	4	2	0	2	0	2	28
2002	13	6	6	2	1	0	0	0	28
2003	13	3	4	2	2	1	1	0	26
2004	15	6	6	2	0	0	0	1	30
2005	15	4	7	1	2	0	0	0	29
2006	7	3	5	1	1	1	1	0	19
2007	11	4	7	1	2	0	0	0	25
2008	5	4	8	1	3	0	0	0	21
2009	7	6	8	2	0	1	0	0	24
Deaths									
1990	16	6	15	5	3	0	1	0	46
1991	7	6	13	3	1	1	0	1	32
1992	20	4	4	3	2	5	0	1	39
1993	15	15	8	2	6	1	1	1	49
1994	8	7	19	0	3	1	1	1	40
1995	9	3	6	2	2	1	0	0	23
1996	18	5	9	0	3	1	0	2	38
1997	14	1	3	0	5	2	1	1	27
1998	15	2	10	0	0	1	1	0	29
1999	13	2	12	2	1	1	0	1	32
2000	13	3	6	1	0	1	0	0	24
2001	12	7	4	2	0	5	0	2	32
2002	16	6	7	5	2	0	0	0	36
2003	15	3	4	3	2	1	1	0	26
2004	15	6	6	2	0	0	0	1	30
2005	21	5	9	1	2	0	0	0	38
2006	7	3	5	1	1	1	2	0	20
2007	11	4	7	1	2	0	0	0	25
2008	5	4	9	1	3	0	0	0	22
2009	8	9	10	2	0	1	0	0	30

F3.14 Indices for fatal crashes involving buses—2004 to 2009

Each point shows the number of fatal crashes in preceding 12 months expressed as percentage of the comparable figure at December 2004.



T3.19 Fatal crashes involving buses by state/territory and speed zone at crash site—2000 to 2009

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia
Low-speed zones ^a									
2000	11	1	3	0	0	1	0	—	16
2001	7	3	1	1	0	2	0	—	14
2002	9	5	2	2	0	0	0	—	18
2003	6	3	3	1	0	0	0	—	13
2004	8	2	3	1	0	0	0	—	14
2005	11	2	1	1	0	0	0	—	15
2006	6	1	5	1	0	1	1	—	15
2007	7	0	5	0	1	0	0	—	13
2008	1	3	6	0	1	0	0	—	11
2009	3	0	7	1	0	1	0	—	12
Mid-speed zones									
2000	1	1	2	0	0	0	0	—	4
2001	3	1	1	1	0	0	0	—	6
2002	3	0	4	0	0	0	0	—	7
2003	2	0	1	0	1	1	0	—	5
2004	4	0	1	0	0	0	0	—	5
2005	3	2	3	0	0	0	0	—	8
2006	1	0	0	0	0	0	0	—	1
2007	2	2	1	0	1	0	0	—	6
2008	3	0	1	0	2	0	0	—	6
2009	3	3	1	1	0	0	0	—	8
High-speed zones									
2000	1	1	0	1	0	0	0	—	3
2001	1	3	2	0	0	0	0	—	6
2002	1	0	0	0	1	0	0	—	2
2003	5	0	0	1	1	0	1	—	8
2004	3	4	2	1	0	0	0	—	10
2005	1	0	3	0	2	0	0	—	6
2006	0	2	0	0	1	0	0	—	3
2007	2	2	1	1	0	0	0	—	6
2008	1	0	1	1	0	0	0	—	3
2009	1	3	0	0	0	0	0	—	4

^a 'Low-speed' zones refer to speed limits less than or equal to 60 km/h.

'Mid-speed' zones refer to speed limits above 60 km/h but less than or equal to 90 km/h.

'High-speed' zones refer to speed limits greater than 90 km/h.

T3.20 Summary comparisons of fatal articulated truck crashes—Australia, 2005 to 2009

	Speed limit at crash site (km/h)			Time of day	
	≤ 60	65–90	> 90	Day	Night ^a
2005 (per cent)	52	28	21	72	28
2006 (per cent)	79	5	16	63	37
2007 (per cent)	52	24	24	64	36
2008 (per cent)	55	30	15	86	14
2009 (per cent)	50	33	17	79	21
	Crash type			Day of week	
	Pedestrian crash	Other single vehicle crash	Multiple vehicle crash	Weekday	Weekend ^b
2005 (per cent)	31	17	52	62	38
2006 (per cent)	47	11	42	74	26
2007 (per cent)	28	4	68	80	20
2008 (per cent)	19	24	57	62	38
2009 (per cent)	25	21	54	71	29

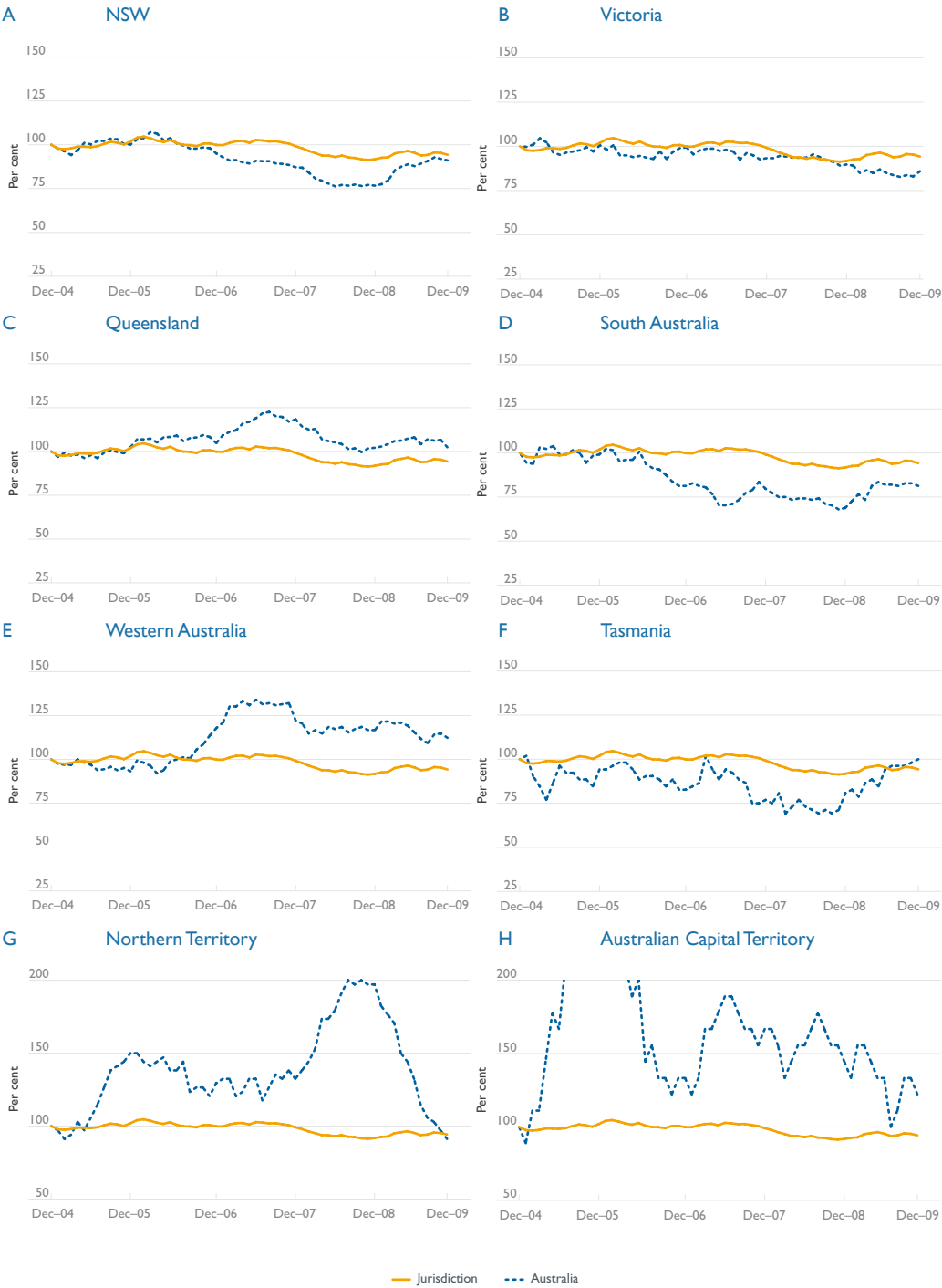
^a 6.00 pm to 5.59 am all days.

^b 6.00 pm Friday to 5.59 am Monday.

^c Percentages are rounded. Totals may not add to 100.

F3.15 Indices for fatal crashes in each state and territory—2004 to 2009

Each point shows the number of fatal crashes in the preceding 12 months expressed as percentage of the comparable figure at December 2004.



T3.2I Deaths by month—Australia 1994 to 2009

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Month																
January	158	160	142	171	133	153	146	138	120	127	147	111	155	132	112	117
February	131	156	170	135	138	126	125	123	134	129	117	118	127	121	103	119
March	185	161	161	140	156	155	167	139	151	150	139	156	131	149	134	135
April	152	150	168	134	149	154	147	132	138	150	123	134	125	136	108	153
May	146	172	154	164	148	157	165	155	172	125	142	144	133	133	108	131
June	158	187	160	114	134	132	147	154	140	136	123	122	136	132	124	132
July	158	155	153	155	156	138	166	142	127	106	139	140	116	134	126	113
August	147	167	199	158	139	135	126	148	151	139	135	151	127	128	140	117
September	141	166	178	127	142	157	161	143	143	120	122	136	139	120	110	112
October	199	187	148	149	150	154	147	163	152	146	138	129	121	129	126	144
November	184	175	171	161	153	154	156	152	147	145	131	124	138	131	116	108
December	169	181	166	159	157	149	164	148	140	148	127	162	154	158	134	126
Total	1 928	2 017	1 970	1 767	1 755	1 764	1 817	1 737	1 715	1 621	1 583	1 627	1 602	1 603	1 441	1 507

