



Australian Government

Department of Infrastructure and Transport

Bureau of Infrastructure, Transport and Regional Economics

STATISTICAL REPORT



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Road

**Road Deaths Australia
2011 Statistical Summary**

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ISBN: 978-1-921769-74-0

May 2012/INFRA 1421

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An appropriate citation for this report is:

Bureau of Infrastructure, Transport and Regional Economics (BITRE), 2012, *Road deaths Australia*, 2011 Statistical Summary BITRE, Canberra ACT.

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Bureau of Infrastructure, Transport and Regional Economics

Road Deaths Australia 2011 Statistical Summary

Department of Infrastructure and Transport
Canberra, Australia

At a glance

This report presents annual counts and rates for fatal road crashes and fatalities. The focus is on the last ten years of data including calendar year 2011.

Over the last decade, national annual fatalities decreased by 25 per cent, fatalities per population decreased by 35 per cent, and counts of fatal crashes decreased by 24 per cent. The decline was weaker during the middle of the decade but has accelerated significantly over the last four years.

The 17–25 age group has the largest rate of fatalities per population. It accounts for 13 per cent of the population but 22 per cent of deaths. Over the decade however, the rate for this group has declined faster than the total.

Across jurisdictions the rate of deaths per population are varied, with the three largest jurisdictions achieving some of the lowest rates. The trends are not linear, and, as with deaths, all jurisdictions (apart from South Australia) have seen rates fall significantly over the last three years.

All types of fatal crash are decreasing. Single vehicle crashes (no pedestrian involved) currently account for 44 per cent of the total. Ten years ago the proportion was the same.

Acknowledgements

The Department of Infrastructure and Transport gratefully acknowledges the provision of police road crash data from the following government agencies:

New South Wales Roads and Maritime Services;
VicRoads;
Queensland Department of Transport and Main Roads;
Department of Planning, Transport and Infrastructure South Australia;
Western Australian Police Service;
Department of Infrastructure, Energy and Resources Tasmania;
Northern Territory Department of Lands and Planning;
Territory and Municipal Services Australian Capital Territory.

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CHAPTER I

Annual Road Deaths — 2002 to 2011

- This section presents annual counts of deaths classified by jurisdiction, road user group, age group, gender and crash type. Percentage changes for the last year and over the decade are given. The tables are:

Table 1	Jurisdiction by road user
Table 2	Jurisdiction by age-group
Table 3	Road user by age-group
Table 4	Gender by road user
Table 5	Crash type
Table 6	Involvement of a heavy vehicle
Table 7	Involvement of a heavy vehicle by jurisdiction

- Over the last decade, total annual deaths decreased by 24.7 per cent. The estimated trend is an average annual fall of 2.7 per cent.
- Across jurisdictions, the strongest downward trends were achieved in New South Wales, Victoria and South Australia. For the other jurisdictions, the trends are weaker, (see Table 1, and Figures 1 and 2) . Over the decade Western Australia showed a marginal increase.
- Passenger and pedestrian deaths have decreased at the fastest rates, with driver deaths also falling. In contrast, motorcyclist deaths show a flat trend (see Figure 3).
- Road users aged 16 years or under currently account for around seven per cent of all deaths. This proportion is similar to that at the start of the decade. This group has had the highest rate of decline over the last ten years, however deaths in the 17–25 years, 26–39 years and 70+ groups are also falling. The 40–69 groups show relatively flat trends (see Figure 5).
- Males account for 72 per cent of all deaths. Ten years ago they accounted for the same percentage.
- Crash type are classified crash into single-vehicle crash (no pedestrian killed), multiple vehicle crash (no pedestrian killed) and pedestrian crash. All three types have declined over the decade, however the falls in pedestrian fatal crashes have been strongest.

Table I Deaths by jurisdiction and road user

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
All road users^a									
2002	561	397	322	154	179	37	55	10	1,715
2003	539	330	310	157	180	41	53	11	1,621
2004	510	343	311	139	178	58	35	9	1,583
2005	508	346	330	148	163	51	55	26	1,627
2006	496	337	335	117	200	55	45	13	1,598
2007	435	332	360	124	235	45	58	14	1,603
2008	374	303	328	99	205	39	75	14	1,437
2009	453	290	331	119	190	63	30	12	1,488
2010	405	288	249	118	193	31	49	19	1,352
2011	377	287	269	103	180	25	44	6	1,291
% change 2010-2011	-6.9	-0.3	8.0	-12.7	-6.7	-19.4	-10.2	-68.4	-4.5
Ave. change 2002-2011 ^b	-4.3	-3.1	-1.7	-4.5	1.0	-3.6	-1.3	-0.7	-2.7
Drivers									
2002	276	186	137	71	78	17	15	5	785
2003	239	163	141	77	85	20	18	4	747
2004	229	171	146	80	85	27	17	5	760
2005	235	164	157	73	86	28	24	8	775
2006	249	155	156	58	92	26	15	6	757
2007	215	173	171	60	113	21	24	8	785
2008	194	140	141	46	104	19	24	3	671
2009	210	142	155	60	92	29	16	4	708
2010	185	130	114	57	99	16	24	10	635
2011	190	121	108	40	86	14	17	3	579
% change 2010-2011	2.7	-6.9	-5.3	-29.8	-13.1	-12.5	-29.2	-70.0	-8.8
Ave. change 2002-2011 ^b	-3.8	-4.0	-2.1	-5.9	1.9	-2.6	2.0	-1.2	-2.8
Passengers									
2002	123	90	90	40	47	4	25	3	422
2003	137	82	70	46	53	7	21	4	420
2004	122	77	73	22	42	18	8	0	362
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	61	11	18	2	336
2008	67	52	78	23	43	11	24	4	302
2009	102	54	68	33	42	21	6	4	330
2010	89	62	50	24	39	5	13	2	284
2011	73	60	73	23	36	3	18	0	286
% change 2010-2011	-18.0	-3.2	46.0	-4.2	-7.7	-40.0	38.5	-100.0	0.7
Ave. change 2002-2011 ^b	-5.9	-5.0	-2.4	-5.1	-2.3	-2.7	-3.6	-	-4.2

a Comprises drivers, passengers, pedestrians, motorcyclists, pedal cyclists and those with unstated or unknown road user type.

b All average annual percentage changes are based on an estimated exponential trend over the last ten 12-month periods (using 10 data points). A dash implies that no exponential trend was estimated.

Table I Deaths by jurisdiction and road user (continued)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
<i>Pedestrians</i>									
2002	94	58	37	18	24	6	11	1	249
2003	94	41	50	16	18	3	8	2	232
2004	85	49	34	11	26	4	9	2	220
2005	96	49	38	12	16	2	8	5	226
2006	72	58	46	12	22	3	13	2	228
2007	68	41	42	15	20	4	13	1	204
2008	49	59	30	12	18	1	17	3	189
2009	59	50	40	9	25	3	6	2	194
2010	59	39	28	16	15	6	7	0	170
2011	52	49	33	17	26	5	7	0	189
% change 2010-2011	-11.9	25.6	17.9	6.3	73.3	-16.7	0.0	-	11.2
Ave. change 2002-2011	-7.3	-0.9	-3.0	-0.8	-0.3	0.0	-2.8	-	-3.5
<i>Motorcyclists^c</i>									
2002	55	56	53	22	23	10	4	1	224
2003	59	39	42	13	23	11	0	1	188
2004	58	37	48	21	22	7	0	2	195
2005	64	48	64	19	21	7	2	8	233
2006	66	47	58	22	31	5	6	3	238
2007	61	45	73	8	37	7	3	3	237
2008	55	43	72	17	36	8	10	4	245
2009	69	38	60	15	31	8	1	2	224
2010	61	49	50	16	35	3	5	5	224
2011	52	49	45	20	29	1	2	3	201
% change 2010-2011	-14.8	0.0	-10.0	25.0	-17.1	-66.7	-60.0	-40.0	-10.3
Ave. change 2002-2011	0.0	0.1	0.9	-1.5	5.3	-15.8	-	12.3	0.7
<i>Pedal Cyclists</i>									
2002	13	7	5	3	6	0	0	0	34
2003	9	4	7	5	1	0	0	0	26
2004	16	9	9	3	3	2	1	0	43
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
2010	11	8	7	5	4	1	0	2	38
2011	10	8	9	3	3	2	0	0	35
% change 2010-2011	-9.1	0.0	28.6	-40.0	-25.0	100.0	-	-100.0	-7.9
Ave. change 2002-2011	-1.7	2.4	3.6	-3.0	-	-	-	-	0.1

^c Includes pillion passengers.

Figure I Road deaths by jurisdiction — 2002 to 2011

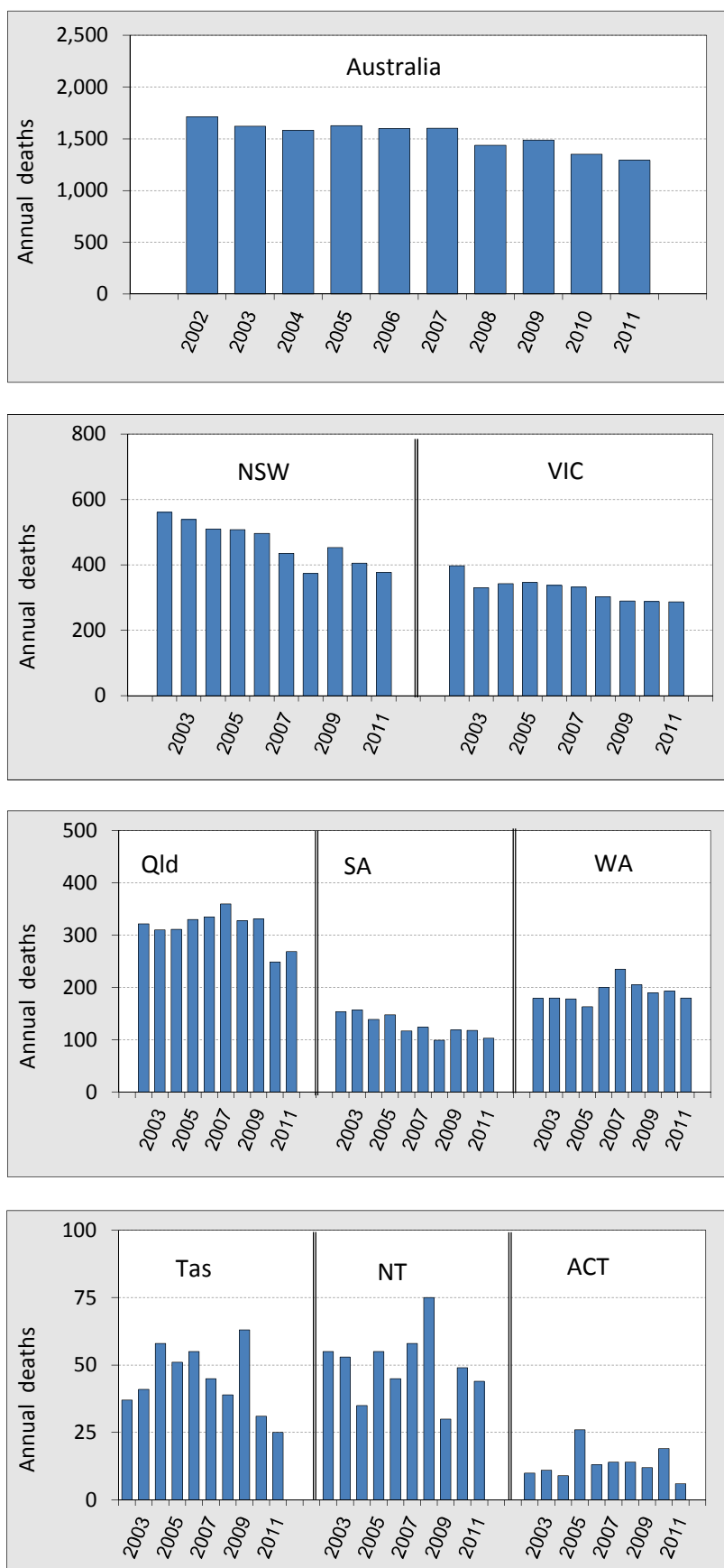


Figure 2 Indices for counts of deaths by jurisdiction — 2002 to 2011

Each point shows the number of deaths in the preceding 12 months expressed as a percentage of the comparable figure at December 2001.

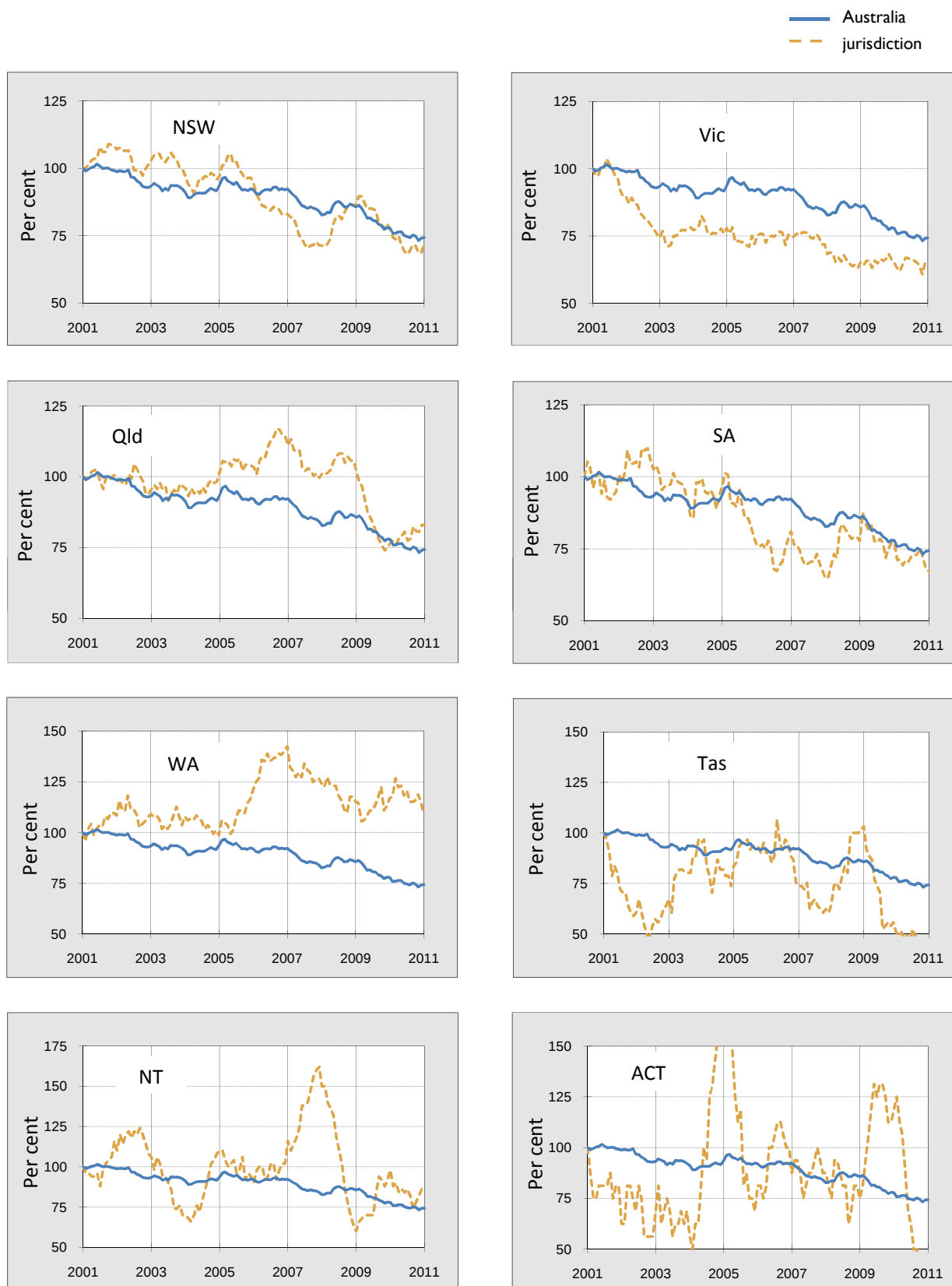


Figure 3 Road deaths by road user group — 2002 to 2011

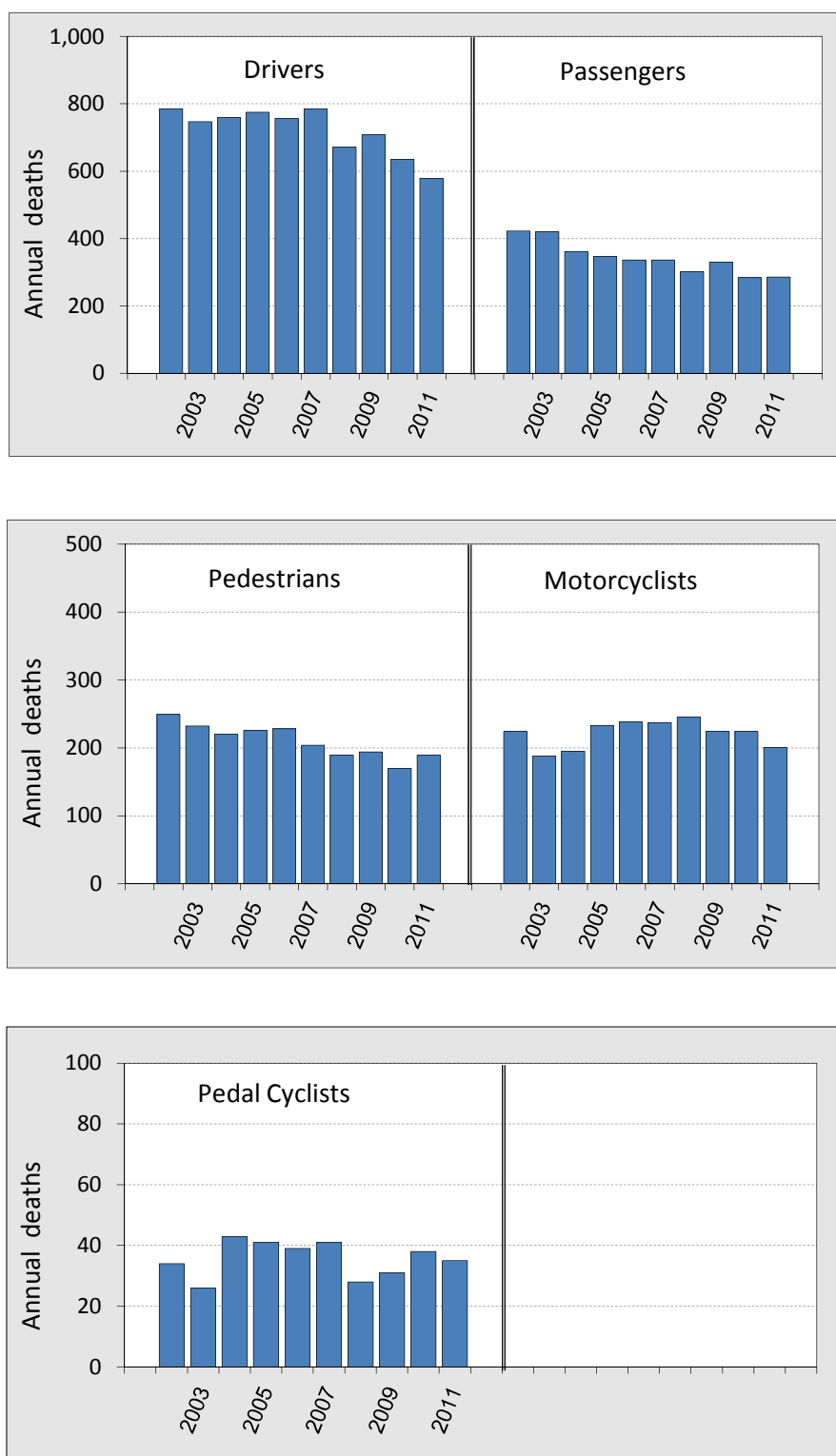


Figure 4 Indices for counts of deaths by road user — 2002 to 2011

Each point shows the number of deaths in the preceding 12 months expressed as a percentage of the comparable figure at December 2001.

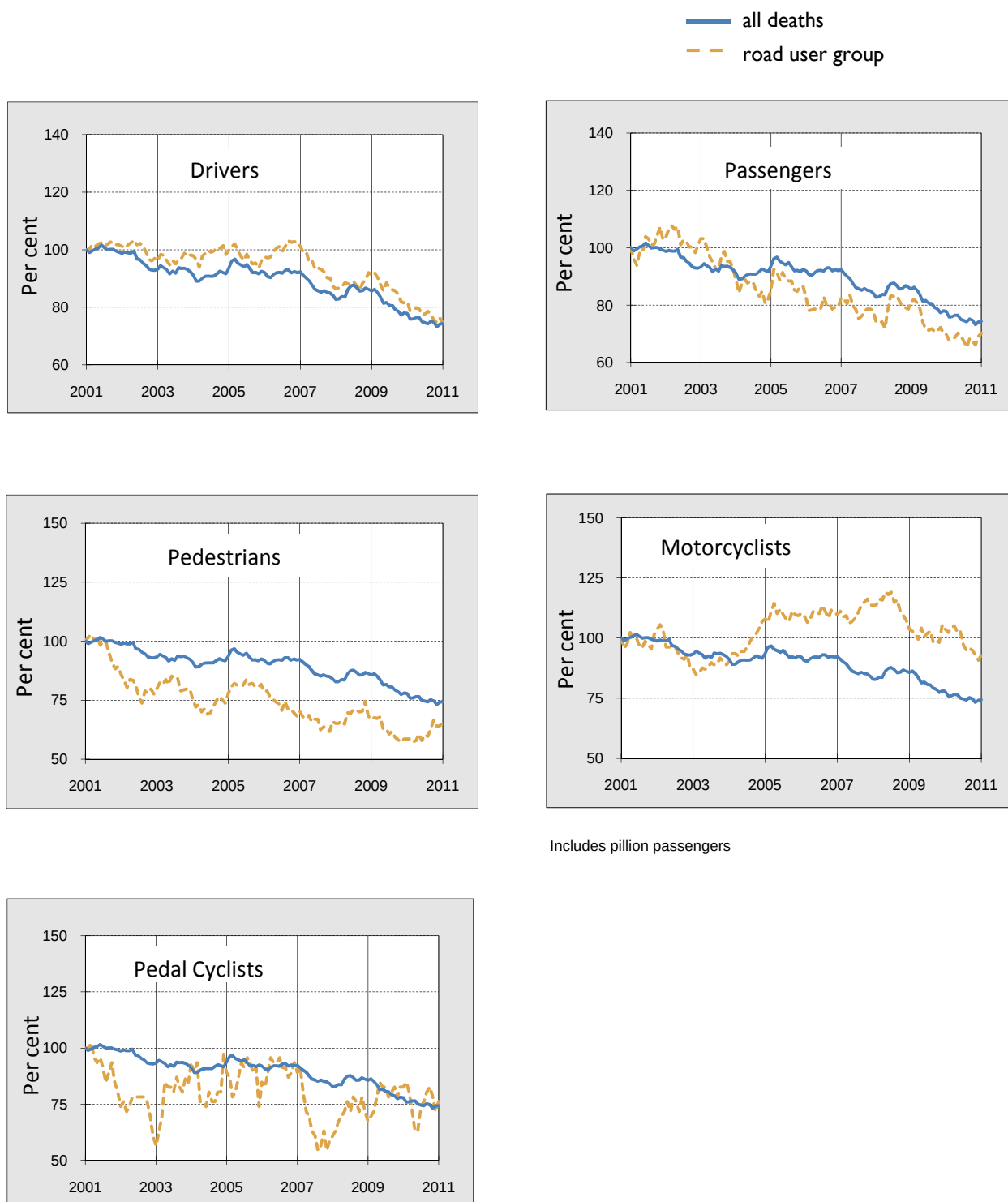


Table 2 Deaths by jurisdiction and age group

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
0-16 years									
2002	30	30	28	20	14	3	3	1	129
2003	42	30	30	15	21	1	7	2	148
2004	35	27	25	7	16	1	1	0	112
2005	29	17	31	10	9	4	8	2	110
2006	41	31	21	6	10	7	2	0	118
2007	23	20	26	7	16	3	6	0	101
2008	17	15	20	7	18	4	6	1	88
2009	33	19	27	7	15	4	0	0	105
2010	17	14	16	6	13	2	5	1	74
2011	19	22	29	5	11	1	6	0	93
% change 2010-2011	11.8	57.1	81.3	-16.7	-15.4	-50.0	20.0	-100.0	25.7
Ave. change 2002-2011	-7.5	-6.3	-2.9	-11.3	-2.0	0.6	-	-	-5.3
17-25 years									
2002	126	118	103	32	46	5	13	2	445
2003	126	80	86	38	56	10	14	2	412
2004	115	89	95	40	57	21	11	1	429
2005	111	104	91	48	50	9	5	8	426
2006	142	71	89	28	68	19	14	4	435
2007	94	85	89	38	54	13	15	4	392
2008	91	80	87	29	58	10	19	2	376
2009	104	66	82	40	43	14	9	2	360
2010	100	74	59	32	48	6	13	4	336
2011	81	72	50	13	48	5	13	1	283
% change 2010-2011	-19.0	-2.7	-15.3	-59.4	0.0	-16.7	0.0	-75.0	-15.8
Ave. change 2002-2011	-4.2	-4.2	-5.9	-6.2	-1.1	-3.4	1.6	-1.3	-4.1
26-39 years									
2002	132	89	89	42	52	14	25	1	444
2003	113	72	76	36	38	14	19	5	373
2004	119	60	64	38	44	10	14	4	353
2005	120	94	85	32	44	11	20	8	414
2006	110	86	97	27	43	12	15	3	393
2007	100	83	93	24	76	12	20	4	412
2008	75	67	86	26	54	13	21	3	345
2009	106	62	84	26	54	9	10	5	356
2010	84	63	59	19	51	7	16	6	305
2011	65	52	76	28	40	5	10	2	278
% change 2010-2011	-22.6	-17.5	28.8	47.4	-21.6	-28.6	-37.5	-66.7	-8.9
Ave. change 2002-2011	-6.2	-4.0	-1.1	-6.3	1.2	-8.2	-6.3	3.7	-3.6

Table 2 Deaths by jurisdiction and age group (continued)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
40-59 years									
2002	141	81	55	35	43	10	10	3	378
2003	129	82	64	38	35	3	8	2	361
2004	119	85	69	34	33	19	7	2	368
2005	116	63	71	30	30	16	18	3	347
2006	100	81	76	36	45	11	9	1	359
2007	116	79	87	22	59	13	13	2	391
2008	100	76	77	22	47	8	20	2	352
2009	114	75	83	32	49	23	7	5	388
2010	107	69	69	39	52	9	8	3	356
2011	111	69	63	34	40	9	13	3	342
% change 2010-2011	3.7	0.0	-8.7	-12.8	-23.1	0.0	62.5	0.0	-3.9
Ave. change 2002-2011	-2.4	-1.6	1.9	-1.1	3.5	3.6	1.9	4.3	-0.4
60-69 years									
2002	44	31	18	5	9	3	2	0	112
2003	30	23	25	9	7	4	2	0	100
2004	40	34	20	11	17	1	2	0	125
2005	46	25	21	11	14	2	2	2	123
2006	39	22	16	10	15	0	2	3	107
2007	28	28	29	5	10	1	3	2	106
2008	32	15	25	4	14	1	4	1	96
2009	33	24	21	2	15	6	3	0	104
2010	35	24	21	8	13	2	7	3	113
2011	39	29	20	4	12	2	1	0	107
% change 2010-2011	11.4	20.8	-4.8	-50.0	-7.7	0.0	-85.7	-100.0	-5.3
Ave. change 2002-2011	-1.4	-2.0	0.7	-8.7	3.6	-	4.4	-	-0.7
≥ 70 years									
2002	87	48	29	20	15	2	2	3	206
2003	98	43	29	20	23	9	1	0	223
2004	81	48	38	9	11	6	0	2	195
2005	83	43	31	17	16	9	2	3	204
2006	64	46	36	10	19	6	2	2	185
2007	74	37	36	28	20	3	0	2	200
2008	59	50	33	11	14	3	5	5	180
2009	63	44	34	12	14	7	1	0	175
2010	61	44	25	14	16	5	0	2	167
2011	62	43	31	19	29	3	1	0	188
% change 2010-2011	1.6	-2.3	24.0	35.7	81.3	-40.0	-	-100.0	12.6
Ave. change 2002-2011	-5.0	-0.6	-0.5	-1.1	2.6	-2.2	-	-	-2.2

Table 3 Deaths by road user and age group

	<i>Drivers</i>	<i>Passengers</i>	<i>Pedestrians</i>	<i>Motor-cyclists</i>	<i>Pedal Cyclists</i>	<i>All Road users^d</i>
0-16 years						
2002	5	80	30	7	7	129
2003	11	99	26	6	6	148
2004	5	67	21	7	12	112
2005	5	74	20	3	8	110
2006	6	69	31	5	7	118
2007	5	61	18	9	8	101
2008	6	63	13	2	4	88
2009	8	74	18	3	2	105
2010	4	52	15	2	1	74
2011	4	67	14	5	2	93
% change 2010-2011	0.0	28.8	-6.7	150.0	100.0	25.7
Ave. change 2002-2011	-3.8	-3.7	-7.8	-9.0	-19.0	-5.3
17-25 years						
2002	212	139	39	51	4	445
2003	206	128	25	49	1	412
2004	213	126	32	54	3	429
2005	208	109	39	66	3	426
2006	224	114	24	69	4	435
2007	200	100	29	59	4	392
2008	181	97	34	60	3	376
2009	177	113	25	43	2	360
2010	169	81	33	49	4	336
2011	133	77	23	46	4	283
% change 2010-2011	-21.3	-4.9	-30.3	-6.1	0.0	-15.8
Ave. change 2002-2011	-4.2	-5.6	-2.6	-1.5	4.8	-4.1
26-39 years						
2002	221	79	38	100	6	444
2003	171	66	48	79	8	373
2004	182	45	42	76	8	353
2005	226	45	41	91	9	414
2006	197	55	45	91	5	393
2007	220	56	39	86	11	412
2008	163	52	34	88	8	345
2009	182	50	42	77	5	356
2010	152	47	31	68	7	305
2011	134	54	32	55	3	278
% change 2010-2011	-11.8	14.9	3.2	-19.1	-57.1	-8.9
Ave. change 2002-2011	-3.7	-2.9	-3.2	-3.9	-5.4	-3.6

^d Comprises drivers, passengers, pedestrians, motorcyclists, pedal cyclists and those with unstated or unknown road user type.

Table 3 Deaths by road user and age group (continued)

	<i>Drivers</i>	<i>Passengers</i>	<i>Pedestrians</i>	<i>Motor-cyclists</i>	<i>Pedal cyclists</i>	<i>All road users</i>
40-59 years						
2002	192	57	64	57	8	378
2003	207	49	45	50	8	361
2004	204	53	47	50	12	368
2005	185	49	40	59	12	347
2006	181	53	46	64	15	359
2007	212	42	54	67	16	391
2008	183	45	42	75	7	352
2009	205	39	40	92	11	388
2010	177	33	42	89	15	356
2011	169	34	48	75	16	342
% change 2010-2011	-4.5	3.0	14.3	-15.7	6.7	-3.9
Ave. change 2002-2011	-1.3	-5.6	-2.1	6.5	5.4	-0.4
60-69 years						
2002	58	20	25	4	4	112
2003	51	25	20	3	1	100
2004	62	30	22	6	5	125
2005	74	19	18	9	3	123
2006	58	17	20	8	4	107
2007	55	18	18	13	2	106
2008	48	15	16	15	1	96
2009	51	17	23	8	5	104
2010	62	22	9	13	7	113
2011	56	13	18	14	6	107
% change 2010-2011	-9.7	-40.9	100.0	7.7	-14.3	-5.3
Ave. change 2002-2011	-0.8	-4.9	-5.2	16.4	8.4	-0.7
≥ 70 years						
2002	97	47	53	5	4	206
2003	100	52	68	1	2	223
2004	94	40	56	2	3	195
2005	77	49	67	5	6	204
2006	91	28	61	1	4	185
2007	93	58	46	3	0	200
2008	90	30	50	5	5	180
2009	85	37	46	1	6	175
2010	71	48	40	3	4	167
2011	83	41	54	6	4	188
% change 2010-2011	16.9	-14.6	35.0	100.0	0.0	12.6
Ave. change 2002-2011	-2.3	-1.8	-3.4	4.3	-	-2.2

Figure 5 Road deaths by age group — Australia, 2002 to 2011

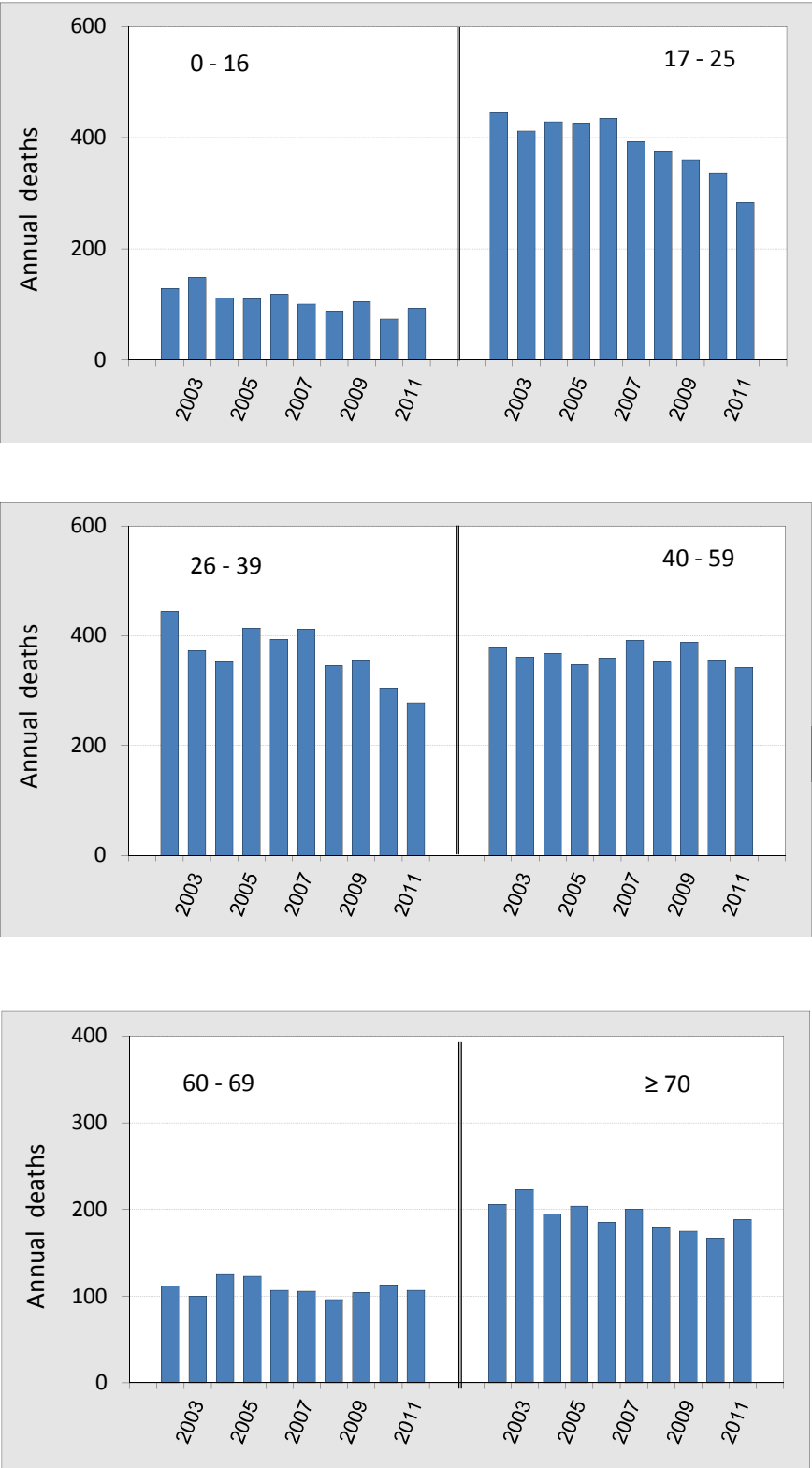


Figure 6 Indices for counts of deaths by age group
— Australia 2002 to 2011

Each point shows the number of deaths in the preceding 12 months expressed as a percentage of the comparable figure at December 2001.

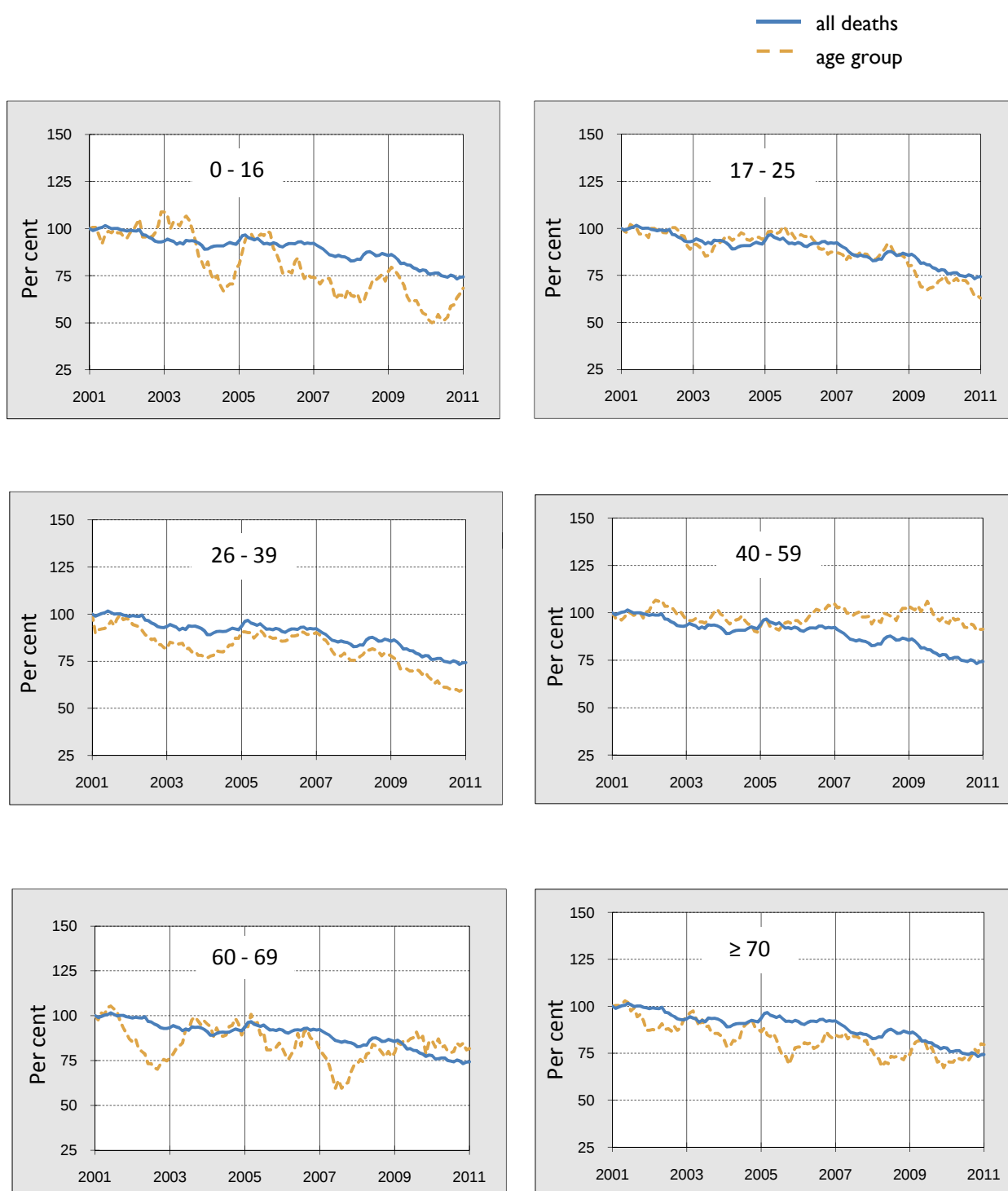


Table 4 Deaths by gender and road user group

	<i>Drivers</i>	<i>Passengers</i>	<i>Pedestrians</i>	<i>Motor-cyclists</i>	<i>Pedal cyclists</i>	<i>All Road users^e</i>
Males						
2002	592	243	168	209	31	1,244
2003	569	225	155	172	23	1,151
2004	582	184	143	179	37	1,127
2005	597	179	146	224	32	1,182
2006	583	196	151	226	35	1,191
2007	616	178	120	221	37	1,172
2008	496	173	133	227	26	1,057
2009	522	179	136	212	26	1,075
2010	469	154	117	206	34	980
2011	432	156	128	187	29	932
% change 2010-2011	-7.9	1.3	9.4	-9.2	-14.7	-4.9
Ave. change 2002-2011	-3.1	-4.1	-3.1	0.7	-0.1	-2.6
Females						
2002	193	178	81	15	3	470
2003	178	194	77	16	3	469
2004	178	178	77	16	6	456
2005	178	166	80	9	9	443
2006	173	139	77	12	4	405
2007	169	158	84	16	4	431
2008	175	128	56	18	2	379
2009	186	147	58	12	5	409
2010	166	129	53	18	4	371
2011	147	127	61	14	6	356
% change 2010-2011	-11.4	-1.6	15.1	-22.2	50.0	-4.0
Ave. change 2002-2011	-1.7	-4.4	-4.5	0.7	1.7	-3.0

^e Includes deaths with unstated or unknown road user type.

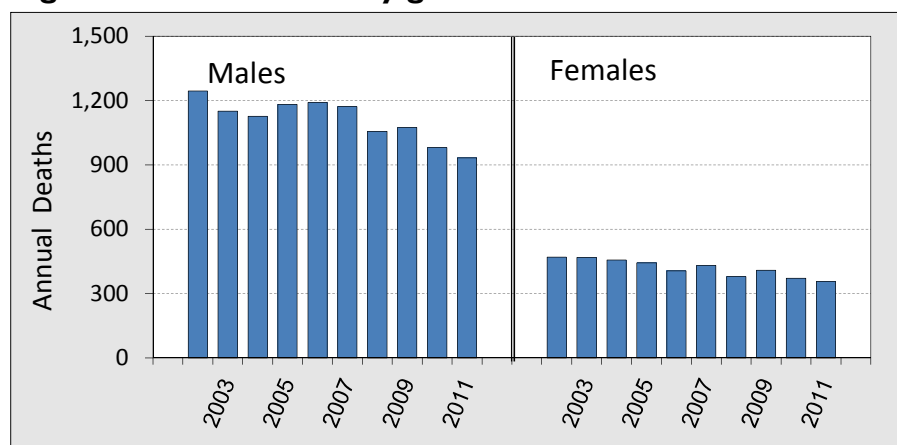
Figure 7 Road deaths by gender — Australia

Table 5 Deaths by crash type

A crash in which a pedestrian dies is classified as a *pedestrian* crash. All other crashes are classified by whether there are one or more moving vehicles involved.

	<i>Single vehicle crash</i>	<i>Multiple vehicle crash</i>	<i>Pedestrian crash</i>	<i>Total</i>
2002	761	704	250	1,715
2003	706	682	233	1,621
2004	692	671	220	1,583
2005	704	695	228	1,627
2006	736	632	230	1,598
2007	741	658	204	1,603
2008	685	563	189	1,437
2009	700	594	194	1,488
2010	587	594	171	1,352
2011	564	538	189	1,291
% change 2010-2011	-3.9	-9.4	10.5	-4.5
Ave. change 2002-2011	-2.4	-2.7	-3.6	-2.7

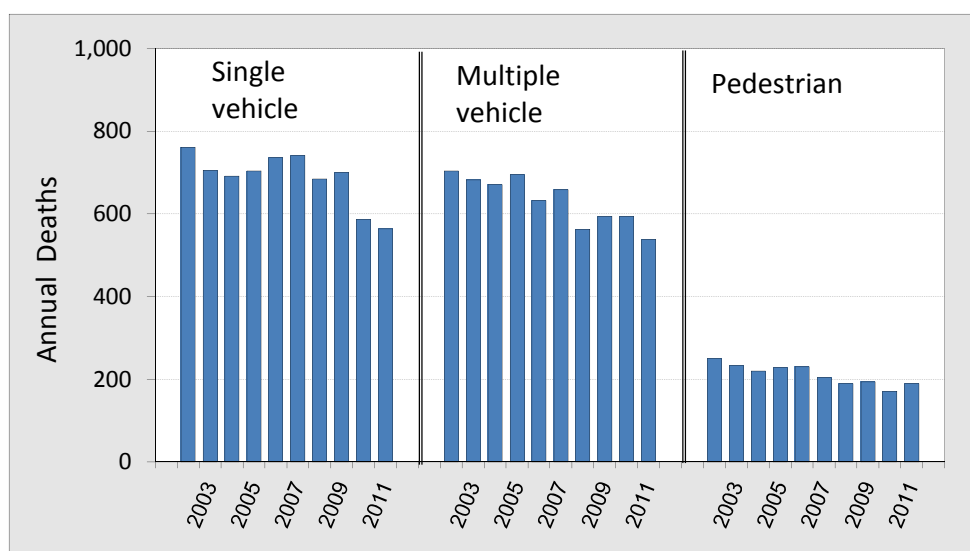
Figure 8 Deaths by crash type

Table 6 Deaths in crashes involving a heavy vehicle^f
— 12 months ended September

	<i>Articulated truck involved</i>	<i>Heavy rigid truck involved</i>	<i>Bus involved</i>	<i>No heavy vehicle involved</i>	<i>Total^g</i>
12 months ended September					
2005	138	97	46	1,331	1,608
2006	181	73	17	1,334	1,601
2007	162	84	26	1,330	1,597
2008	174	98	21	1,193	1,480
2009	140	82	33	1,244	1,490
2010	152	84	19	1,117	1,366
2011	147	67	23	1,068	1,298
% change 2010-2011	-3.3	-20.2	21.1	-4.4	-5.0
Ave. change 2005-2011	-1.1	-3.0	-5.6	-3.8	-3.6

f Heavy rigid truck data is available to September 2011 only. Heavy trucks are those weighing over 4.5 t. GVM.

g Total is all deaths, including those where more than one type of heavy vehicle was involved.

Figure 9 Deaths in crashes involving heavy vehicles

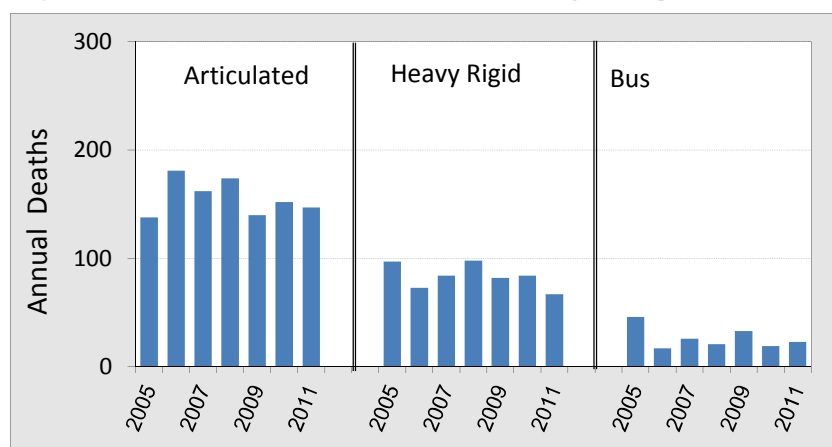


Figure 10 Deaths in crashes not involving heavy vehicles

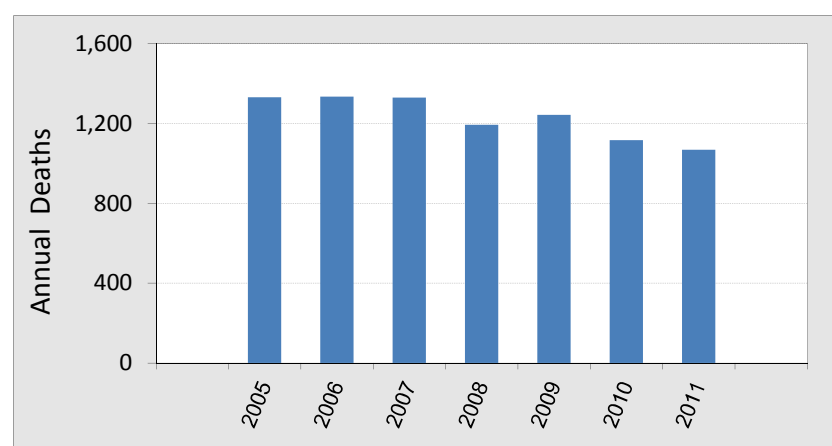


Table 7 Deaths in crashes involving a heavy vehicle by jurisdiction
— year ending September

Articulated truck involved

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2005	54	29	23	16	13	3	0	0	138
2006	66	36	44	9	14	9	3	0	181
2007	55	43	36	9	15	2	2	0	162
2008	61	27	48	12	17	8	1	0	174
2009	46	24	40	8	6	10	4	2	140
2010	56	33	31	8	18	4	1	1	152
2011	50	25	38	14	17	3	0	0	147
% change 2010-2011	-10.7	-24.2	22.6	75.0	-5.6	-25.0	-100.0	-100.0	-3.3
Ave. change 2005-2011	-2.6	-4.2	3.3	-2.7	1.4	0.0	-	-	-1.1

Heavy rigid truck involved

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2005	31	35	16	4	7	2	1	1	97
2006	25	18	14	5	7	2	1	1	73
2007	30	18	15	5	11	2	2	1	84
2008	21	29	21	7	18	1	1	0	98
2009	23	20	16	5	14	2	2	0	82
2010	25	22	13	1	19	3	0	1	84
2011	13	17	14	7	8	4	4	0	67
% change 2010-2011	-48.0	-22.7	7.7	600.0	-57.9	33.3	-	-100.0	-20.2
Ave. change 2005-2011	-9.8	-5.8	-1.7	-5.4	9.9	10.9	-	-	-3.0

Bus involved

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2005	28	5	10	1	2	0	0	0	46
2006	6	4	4	1	0	1	1	0	17
2007	10	5	7	1	3	0	0	0	26
2008	7	4	8	0	2	0	0	0	21
2009	8	9	12	3	1	0	0	0	33
2010	9	2	3	1	0	2	1	1	19
2011	8	3	9	2	1	0	0	0	23
% change 2010-2011	-11.1	50.0	200.0	100.0	-	-100.0	-100.0	-100.0	21.1
Ave. change 2005-2011	-10.7	-8.0	-1.3	-	-	-	-	-	-5.6

CHAPTER 2

Annual road death rates — 2002 to 2011

- This section presents annual rates for deaths standardised by population, vehicle-kilometres-travelled (VKT) and vehicle registrations. The tables are:

Table 8	Rates per population by jurisdiction
Table 9	Rates per population by gender and age-group
Table 10	Rates per VKT by jurisdiction
Table 11	Rates per registration for deaths of vehicle occupants
Table 12	Rates per registration for deaths of motorcyclists

- Over the last decade, the rate of annual deaths per population decreased by 34.6 per cent. The estimated trend over the decade is an average annual fall of 4.3 per cent.
- Across jurisdictions, the strongest downward trends were achieved in New South Wales, and South Australia.
- On the basis of deaths per population, males are 2.6 time more likely to be killed in a road crash than females.
- Rates of deaths per population in the age-group 17–25 years are almost twice as high as the total average. The age-group 70+ years is also significantly higher than the average.
- Per VKT, the rate has over the decade, decreased by 31.1 per cent.
- Per registered vehicle, the rate for vehicle occupant deaths has, over the decade, decreased by 43.1 per cent. The corresponding decline in deaths of motorcyclists per registered motorcycle is 51.0 per cent.

Table 8 Deaths per 100 000 population by jurisdiction

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
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	9.71	11.23	21.36	3.89	7.72
2007	6.30	6.36	8.58	7.82	11.12	9.12	27.00	4.10	7.61
2008	5.33	5.69	7.61	6.17	9.42	7.83	34.01	4.04	6.68
2009	6.36	5.32	7.48	7.33	8.47	12.52	13.26	3.41	6.78
2010	5.61	5.20	5.53	7.18	8.43	6.11	21.37	5.30	6.06
2011	5.16	5.10	5.87	6.22	7.67	4.90	19.12	1.64	5.71
% change 2010-2011	-8.0	-1.8	6.3	-13.4	-9.0	-19.9	-10.6	-69.0	-5.9
Ave. change 2002-2011	-5.4	-4.7	-4.0	-5.4	-1.2	-4.4	-3.1	-2.1	-4.3

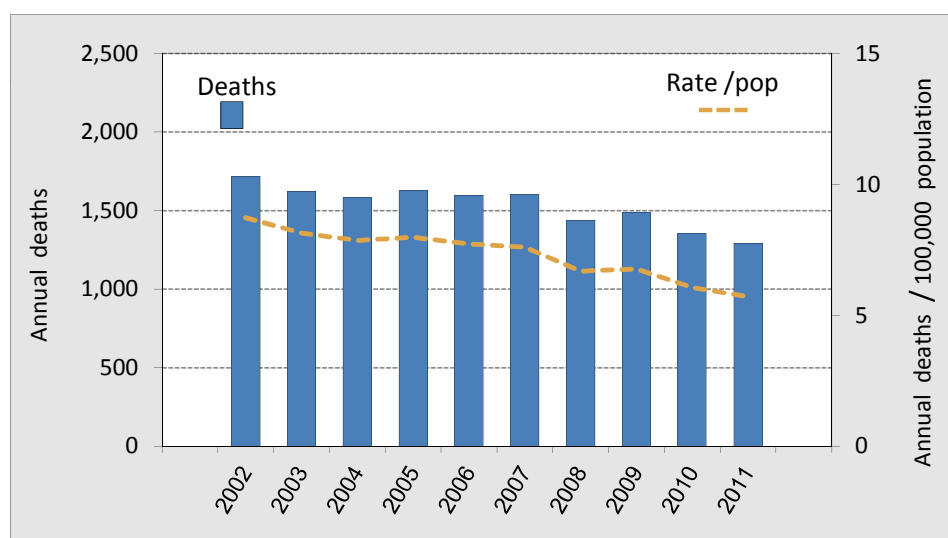
Figure 11 Annual deaths and deaths per 100,000 population —Australia

Figure 12 Deaths per population by jurisdiction —2002 to 2011

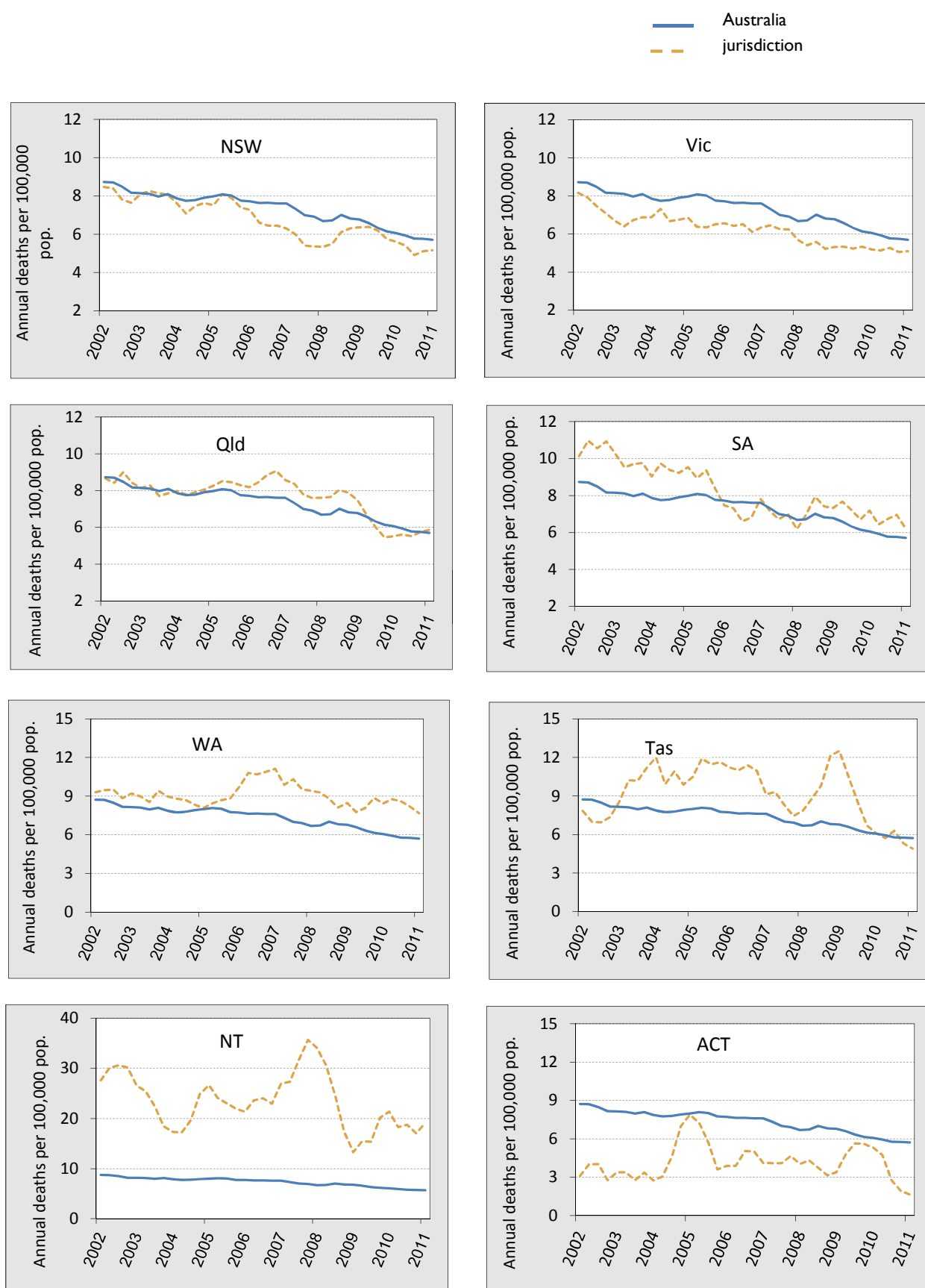


Table 9 Deaths per 100 000 population by gender and age group

	0-16 years	17-25 years	26-39 years	40-59 years	60-69 years	≥ 70 years	All deaths
<i>Males</i>							
2002	3.7	27.4	17.6	10.2	10.5	14.8	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	9.1	7.9	14.8	11.6
2007	2.3	22.5	15.8	10.4	6.6	14.0	11.2
2008	2.4	20.8	13.0	8.9	6.7	12.1	9.9
2009	2.3	18.6	12.9	9.8	6.6	12.4	9.8
2010	2.0	17.3	10.4	9.0	7.6	10.4	8.8
2011	2.2	14.0	9.6	8.6	7.1	12.1	8.3
% change 2010-2011	9.1	-18.8	-7.5	-3.7	-7.1	16.2	-6.2
Ave. change 2002-2011	-5.9	-6.5	-5.3	-1.1	-4.4	-3.6	-4.2
<i>Females</i>							
2002	1.9	9.2	4.2	4.1	4.0	9.2	4.7
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	3.1	3.4	3.2	6.6	3.5
2009	1.9	6.2	3.3	3.5	3.6	5.6	3.7
2010	1.0	5.6	3.2	3.1	3.1	6.1	3.3
2011	1.5	5.1	2.7	2.8	2.7	6.1	3.1
% change 2010-2011	55.2	-8.2	-17.4	-10.0	-12.6	0.7	-5.4
Ave. change 2002-2011	-6.6	-5.8	-3.2	-3.1	-5.3	-5.4	-4.6
<i>Persons^h</i>							
2002	2.8	18.4	10.8	7.2	7.3	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	6.3	6.0	9.7	7.7
2007	2.2	14.6	9.8	6.9	5.7	10.2	7.6
2008	1.9	13.6	8.0	6.1	4.9	9.0	6.7
2009	2.2	12.6	8.1	6.6	5.1	8.6	6.8
2010	1.5	11.6	6.8	6.0	5.3	8.0	6.1
2011	1.9	9.7	6.2	5.7	4.9	8.7	5.7
% change 2010-2011	24.6	-16.1	-9.8	-5.4	-8.8	9.8	-5.8
Ave. change 2002-2011	-6.0	-6.2	-4.8	-1.7	-4.7	-4.2	-4.2

^h Includes those with unknown or unstated gender

Table 10 Deaths per 100 million vehicle-kilometre travelled (VKT)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
2002	0.92	0.73	0.78	0.98	0.82	0.76	2.98	0.30	0.84
2003	0.87	0.59	0.70	0.98	0.79	0.80	2.88	0.32	0.77
2004	0.80	0.59	0.70	0.89	0.79	1.12	1.90	0.26	0.74
2005	0.81	0.60	0.73	0.96	0.71	1.00	2.89	0.75	0.76
2006	0.78	0.58	0.72	0.75	0.83	1.05	2.39	0.37	0.73
2007	0.67	0.57	0.75	0.80	0.97	0.84	2.91	0.39	0.72
2008	0.59	0.53	0.68	0.63	0.82	0.73	3.60	0.39	0.65
2009	0.70	0.51	0.70	0.75	0.75	1.17	1.48	0.33	0.67
2010	0.62	0.50	0.53	0.75	0.76	0.59	2.39	0.52	0.61
2011	0.58	0.50	0.58	0.65	0.69	0.49	2.20	0.17	0.58
% change 2010-2011	-6.9	-1.3	8.5	-13.4	-9.3	-17.9	-8.2	-68.5	-5.0
Ave. change 2002-2011	-4.9	-3.5	-2.8	-4.6	-0.9	-4.2	-2.7	-1.5	-3.5

Figure 13 Annual deaths and deaths per 100 million VKT
— Australia

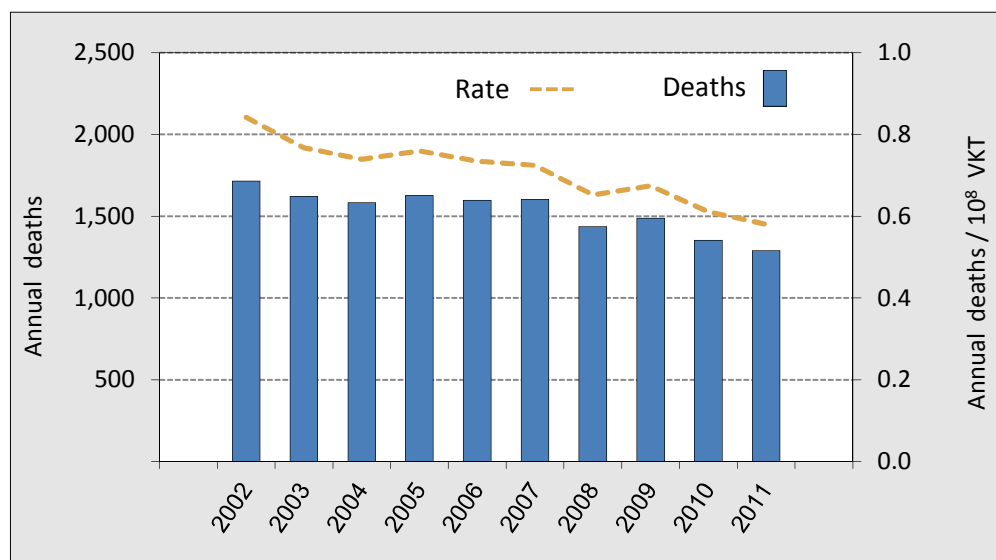


Table 11 Vehicle occupant deaths per 10,000 registered motor vehicle by jurisdictionⁱ

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<i>Deaths of a vehicle occupant per 10 000 registered motor vehicles^j</i>									
2002	1.07	0.84	0.96	1.08	0.92	0.65	3.99	0.40	0.97
2003	0.98	0.72	0.86	1.18	1.00	0.83	3.87	0.39	0.92
2004	0.89	0.72	0.86	0.96	0.89	1.33	2.44	0.24	0.86
2005	0.83	0.68	0.83	1.04	0.82	1.09	3.76	0.57	0.83
2006	0.85	0.60	0.80	0.72	0.94	1.27	2.37	0.32	0.79
2007	0.69	0.65	0.81	0.86	1.09	0.87	3.70	0.44	0.79
2008	0.60	0.51	0.72	0.61	0.88	0.80	4.07	0.30	0.66
2009	0.71	0.51	0.71	0.80	0.77	1.30	1.79	0.34	0.69
2010	0.61	0.49	0.51	0.68	0.78	0.54	2.88	0.50	0.60
2011	0.57	0.45	0.56	0.52	0.68	0.43	2.67	0.12	0.55
% change 2010-2011	-5.9	-7.6	8.9	-23.6	-13.4	-20.6	-7.2	-75.5	-7.6
Ave. change 2002-2011	-6.6	-6.4	-5.7	-7.4	-2.9	-4.9	-3.9	-5.2	-5.8

i Counts of registered motor vehicles are obtained from the Australian Bureau of Statistics *Motor Vehicle Census Australia* (ABS Cat. No. 9309.0) Note that the census is taken at March 31 for 2001-2010 and January 31 for 2011.

j Includes cars, trucks, LCVs and buses

Table 12 Deaths of motorcyclists per 10,000 registered motorcycle by jurisdiction

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<i>Deaths of motorcyclists per 10 000 registered motorcycles</i>									
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	5.19	4.77	15.19	3.74	5.14
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	4.24	2.57	3.96	3.36	3.56	5.96	1.82	1.76	3.59
2010	3.48	3.13	3.22	3.42	3.73	2.09	8.42	4.13	3.39
2011	2.87	3.05	2.87	4.19	2.92	0.66	3.41	2.47	2.96
% change 2010-2011	-17.5	-2.6	-10.8	22.4	-21.7	-68.3	-59.5	-40.4	-12.7
Ave. change 2002-2011	-7.4	-5.7	-7.5	-7.9	-4.3	-21.4	-	4.0	-6.7

CHAPTER 3

Fatal Crashes — 2002 to 2011

- This section analyses counts of annual fatal crashes. There are ten sets of tables :

Table 13	Jurisdiction and crash type
Table 14	Crash type and time of day
Table 15	Crash type and day of week
Table 16	Crash type and weekly time-block
Tables 17	Monthly distribution
Table 18	Jurisdiction and posted speed zone
Tables 19–20	Involvement of articulated trucks
Tables 21–22	Involvement of heavy rigid trucks
Tables 23–24	Involvement of buses
Table 25	Number of persons killed per fatal crash

- Over the last decade, total annual fatal crashes decreased by 23.6 per cent. The estimated trend is an average annual fall of 2.5 per cent. These reductions are similar to those for counts of deaths.
- Pedestrian crashes decreased fastest, averaging at a 3.5 per cent reduction per year. Single vehicle crashes were flat throughout most of the decade, but during the latest two years declined by a total of 21 per cent.
- Around 39 per cent of fatal crashes occur between 6pm and 6am. Of the total, this proportion has, over the decade been slowly declining. It was 44 per cent ten years ago.
- Around 40 per cent of all fatal crashes occur during the weekend (6pm Friday to 6am Monday). This proportion has not changed over the decade.
- Fatal crashes occurring in low-speed zones (≤ 60 km/h) account for around 30 per cent of the total. Crashes where the posted limit is between 70km/h to 90 km/h account for 22 per cent, and crashes where the limit is above 90 km/h account for 48 per cent. These proportions have not changed significantly over the decade.
- Numbers of fatal crashes involving an articulated truck declined over the decade by an average of 2.7 per cent per year. Most (60 per cent) occur in zones posted at 100km/h or above.
- Numbers of fatal crashes involving heavy rigid truck crashes have also declined over the last few years (available data is post 2005). Around 45 per cent occur in zones posted at 100km/h or above. Around 30 per cent at at zones posted at 60 km/h or below.
- Fatal crashes involving a bus number 25 to 30 per year. Most (55 – 60 per cent) occur in zones posted at 60km/h or under.
- The average number of persons killed per fatal crash is approximately 1.10. In low speed zones it is around 1.05, and in high speed zones it is 1.15.

Table 13 Fatal crashes by jurisdiction and crash type

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
All crashes									
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	181	43	41	12	1,452
2007	405	289	338	107	214	39	47	14	1,453
2008	353	278	294	87	185	37	67	14	1,315
2009	408	268	296	104	176	52	30	11	1,345
2010	365	260	236	105	176	29	46	16	1,233
2011	349	259	227	95	168	24	37	6	1,165
% change 2010-2011	-4.4	-0.4	-3.8	-9.5	-4.5	-17.2	-19.6	-62.5	-5.5
Ave. change 2002-2011	-4.0	-3.0	-1.9	-4.3	1.6	-3.8	0.0	0.1	-2.5
Pedestrian crashes									
2002	93	58	37	18	23	6	10	1	246
2003	94	40	46	16	18	3	8	2	227
2004	84	49	33	11	26	4	9	2	218
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	18	1	17	3	188
2009	59	50	37	8	22	3	6	2	187
2010	58	39	28	16	15	6	7	0	169
2011	52	48	33	17	25	5	7	0	187
% change 2010-2011	-10.3	23.1	17.9	6.3	66.7	-16.7	0.0	-	10.7
Ave. change 2002-2011	-7.3	-0.8	-2.8	-1.1	-0.7	0.0	-2.4	-	-3.5
Single vehicle crashes									
2002	213	152	127	74	77	18	21	3	685
2003	180	125	126	71	79	18	30	5	634
2004	184	118	139	65	80	28	20	3	637
2005	178	129	142	61	73	27	34	10	654
2006	206	136	149	49	100	17	17	5	679
2007	163	137	155	52	127	14	27	8	683
2008	163	115	143	40	100	22	42	6	631
2009	191	109	140	60	99	26	18	7	650
2010	145	101	110	47	96	11	32	4	546
2011	150	109	91	38	94	8	20	4	514
% change 2010-2011	3.4	7.9	-17.3	-19.1	-2.1	-27.3	-37.5	0.0	-5.9
Ave. change 2002-2011	-3.0	-3.1	-2.3	-6.2	3.3	-7.0	0.4	2.6	-2.2

Table 13 Fatal crashes by jurisdiction and crash type (continued)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Multiple vehicle crashes									
2002	195	151	119	46	59	11	9	4	594
2003	209	129	112	49	58	18	6	3	584
2004	190	145	117	52	56	20	5	4	589
2005	185	137	117	54	62	20	9	10	594
2006	172	121	118	43	59	23	11	5	552
2007	174	111	141	40	67	21	8	5	567
2008	141	104	122	35	67	14	8	5	496
2009	158	109	119	36	55	23	6	2	508
2010	162	120	98	42	65	12	7	12	518
2011	147	102	103	40	49	11	10	2	464
% change 2010-2011	-9.3	-15.0	5.1	-4.8	-24.6	-8.3	42.9	-83.3	-10.4
Ave. change 2002-2011	-3.6	-3.8	-1.1	-3.3	-0.4	-2.0	1.4	-1.3	-2.6

Figure 14 Counts of fatal crashes by crash type

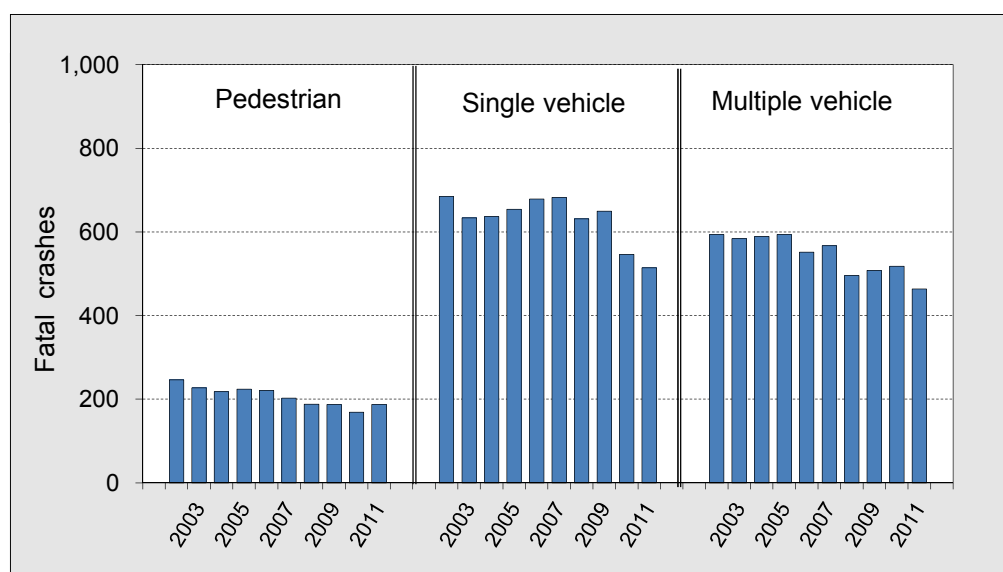


Table I4 Fatal crashes by crash type and time of day

	Pedestrian		Single		Multiple		All	
	Day-time ^k	Night-time	Day-time	Night-time	Day-time	Night-time	Day-time	Night-time
2002	117	129	313	371	425	169	855	669
2003	119	108	299	334	392	192	810	634
2004	97	121	273	363	412	177	782	661
2005	105	118	299	352	413	181	817	651
2006	105	116	308	371	383	169	796	656
2007	102	101	322	360	407	160	831	621
2008	83	105	285	344	352	144	720	593
2009	86	101	314	336	376	132	776	569
2010	67	102	286	260	376	142	729	504
2011	105	82	272	242	335	129	712	453
% change 2010-2011	56.7	-19.6	-4.9	-6.9	-10.9	-9.2	-2.3	-10.1
Ave. change 2002-2011	-3.8	-3.5	-0.6	-3.6	-2.0	-4.0	-1.7	-3.7

k 'Daytime' refers to 6am to 5:59 pm each day

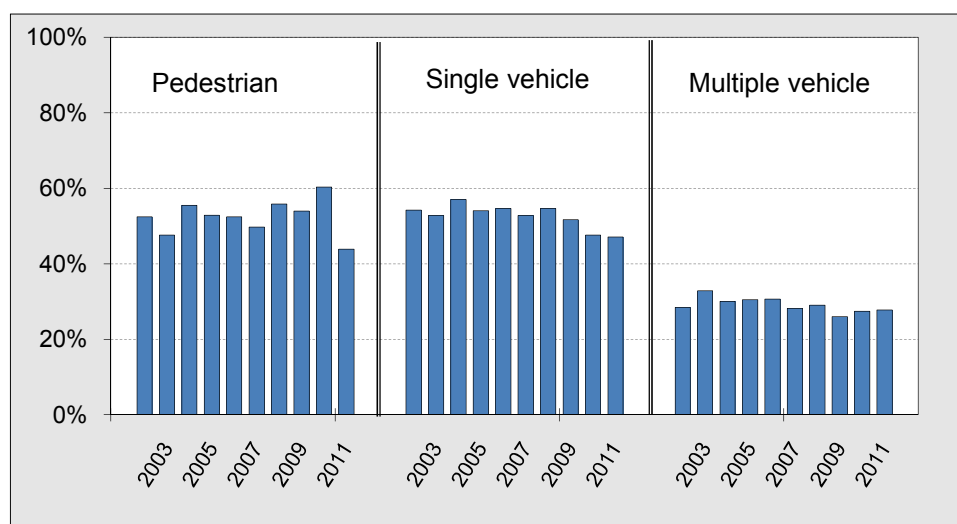
Figure I5 Proportion of crashes occurring during night-time
Each crash type shown separately

Table 15 Fatal crashes by crash type and day of week

	Pedestrian		Single		Multiple		All	
	Week-end ¹	Week-day	Week-end	Week-day	Week-end	Week-day	Week-end	Week-day
2002	78	168	314	371	210	384	602	923
2003	72	155	306	327	199	385	577	867
2004	92	126	312	325	200	389	604	840
2005	78	145	319	335	217	377	614	857
2006	80	141	342	337	208	344	630	822
2007	64	139	325	358	181	386	570	883
2008	72	116	323	308	159	337	554	761
2009	59	128	307	343	151	357	517	828
2010	70	99	275	271	173	345	518	715
2011	68	119	259	255	154	310	481	684
% change 2010-2011	-2.9	20.2	-5.8	-5.9	-11.0	-10.1	-7.1	-4.3
Ave. change 2002-2011	-2.5	-4.1	-1.5	-2.8	-3.7	-2.0	-2.4	-2.6

¹ "Weekend" refers to the period 6pm Friday to 5:59am Monday.

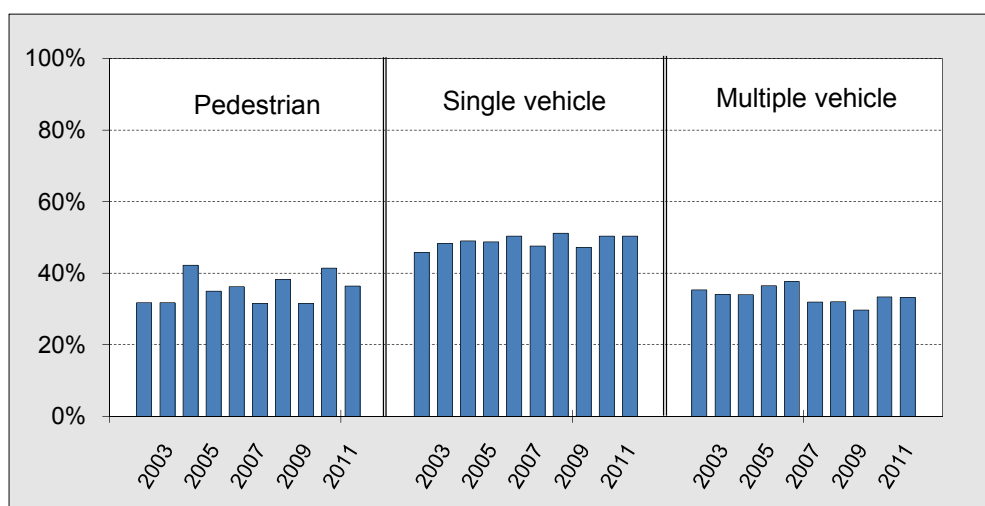
Figure 16 Proportion of crashes occurring during weekend
Each crash type shown separately

Table 16 **Fatal crashes by crash type and weekly time-block^m**
— three years 2009 to 2011

<i>Crash time of week</i>	Pedestrian	Single	Multiple	All
Monday Morning	8	39	31	78
Monday Midday	9	47	72	128
Monday Evening	30	59	63	152
Monday Night	15	44	16	75
Tues Morning	15	31	39	85
Tues Midday	16	52	73	141
Tues Evening	24	58	73	155
Tues Night	9	37	17	63
Wed Morning	16	32	49	97
Wed Midday	13	39	71	123
Wed Evening	27	48	67	142
Wed Night	17	58	12	87
Thur Morning	12	35	59	106
Thur Midday	25	49	74	148
Thur Evening	48	71	94	213
Thur Night	14	54	19	87
Fri Morning	17	43	47	107
Fri Midday	19	49	85	153
Fri Evening	30	81	83	194
Fri Night	26	71	29	126
Sat Morning	17	60	32	109
Sat Midday	15	91	102	208
Sat Evening	13	101	71	185
Sat Night	40	109	30	179
Sun Morning	17	79	25	121
Sun Midday	10	91	74	175
Sun Evening	17	93	58	168
Sun Night	24	89	25	138

^m excludes crashes with unrecorded time.

Morning 3am to 8:59am **Evening** 3pm to 8:59pm
Midday 9am to 2:59pm **Night** 9pm to 2:59am

Figure 17 **Proportion of fatal crashes by time-block**

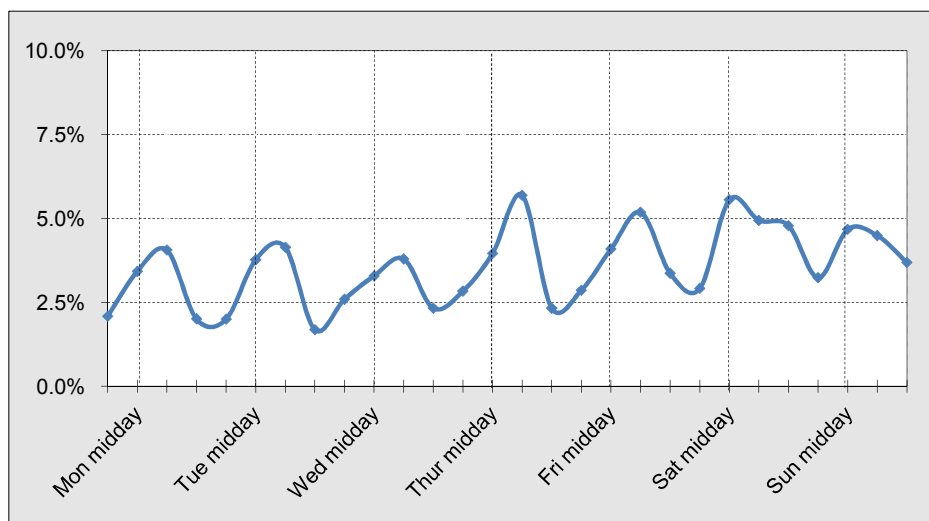


Table 17 Monthly distribution of fatal crashes (per cent) — 2002 to 2011

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
January	7.4	7.8	9.3	6.9	9.2	8.3	7.5	7.7	8.3	7.2	8.0
February	8.0	7.6	7.5	7.1	7.8	7.7	7.1	7.7	7.5	8.1	7.6
March	9.0	9.4	9.1	9.3	8.5	9.8	9.1	9.0	7.9	8.7	9.0
April	8.3	9.3	7.7	8.6	7.3	8.3	7.8	10.0	8.5	8.9	8.5
May	9.8	8.0	9.3	9.0	8.3	8.5	7.9	8.4	10.1	8.7	8.8
June	8.2	8.6	7.8	7.3	8.6	7.6	8.3	8.6	8.0	8.2	8.1
July	7.7	6.6	8.4	8.8	7.0	8.7	8.7	7.2	8.3	7.9	7.9
August	8.9	8.9	7.9	9.1	8.3	7.9	9.6	7.8	7.1	8.5	8.4
September	7.9	7.3	7.5	8.4	8.4	7.8	7.5	7.7	7.7	7.6	7.8
October	8.3	8.9	9.1	8.4	7.9	8.1	8.5	9.8	8.8	7.2	8.5
November	8.7	8.9	8.5	7.3	8.8	8.2	8.1	7.6	9.1	9.7	8.5
December	7.9	8.8	8.0	9.6	9.9	9.2	9.9	8.4	8.7	9.4	9.0
Total	100	100	100	100	100	100	100	100	100	100	100

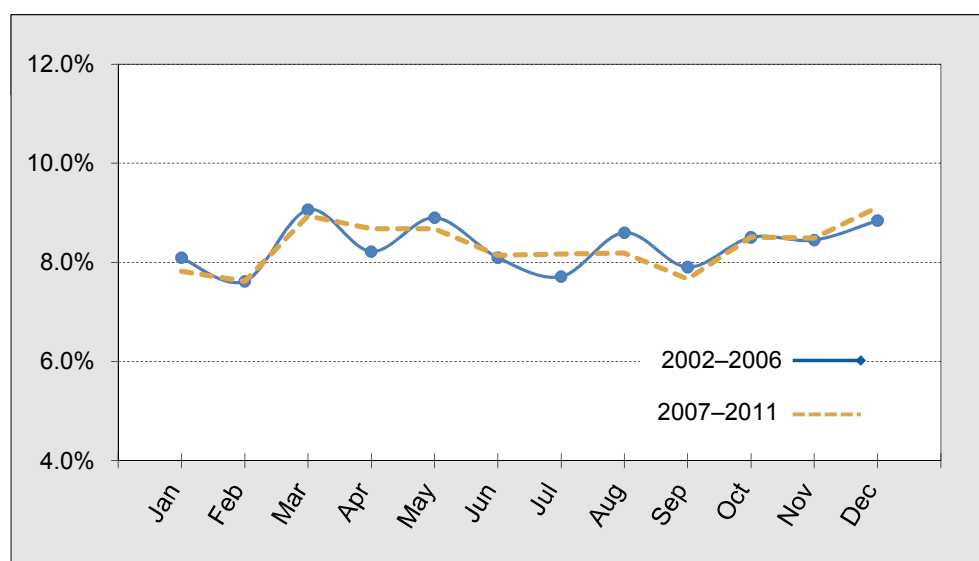
Figure 18 Proportion of fatal crashes by month

Table 18 Fatal crashes by speed zone and jurisdictionⁿ

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT ^o	Australia
Speed zone 0 – 60 km/h									
2002	174	94	83	46	42	8	3	-	450
2003	200	73	96	36	43	7	4	-	459
2004	157	87	117	48	46	12	4	-	471
2005	171	83	92	49	40	9	9	-	453
2006	143	88	127	36	48	10	9	-	461
2007	153	71	117	35	46	5	9	-	436
2008	125	81	109	25	46	8	19	-	413
2009	140	77	106	28	41	11	3	-	406
2010	109	72	74	33	47	4	8	-	347
2011	117	79	69	32	42	5	7	-	351
% change 2010-2011	7.3	9.7	-6.8	-3.0	-10.6	25.0	-12.5	-	1.2
Ave. change 2002-2011	-5.5	-1.5	-2.1	-5.1	0.3	-5.7	8.4	-	-3.1
Speed zone 70 – 90 km/h									
2002	120	88	60	19	46	8	1	-	342
2003	101	70	70	26	39	8	9	-	323
2004	119	61	51	24	40	7	9	-	311
2005	104	83	48	16	42	12	7	-	312
2006	117	68	56	23	51	5	9	-	329
2007	92	68	76	11	54	5	7	-	313
2008	92	71	57	18	55	6	14	-	313
2009	89	59	68	24	43	7	8	-	298
2010	96	57	51	19	34	8	14	-	279
2011	73	58	44	18	34	5	9	-	241
% change 2010-2011	-24.0	1.8	-13.7	-5.3	0.0	-37.5	-35.7	-	-13.6
Ave. change 2002-2011	-4.1	-3.5	-1.7	-1.8	-1.5	-3.8	15.7	-	-2.6
Speed zone 100 km/h									
2002	171	161	132	28	3	16	1	-	512
2003	162	137	114	38	11	20	2	-	484
2004	152	154	111	32	5	29	2	-	485
2005	153	128	149	33	7	23	8	-	501
2006	148	140	117	34	8	21	6	-	474
2007	135	141	132	39	14	18	5	-	484
2008	114	116	121	22	14	15	11	-	413
2009	144	124	106	21	12	27	4	-	438
2010	146	119	98	28	14	14	6	-	425
2011	138	109	111	19	13	10	2	-	402
% change 2010-2011	-5.5	-8.4	13.3	-32.1	-7.1	-28.6	-66.7	-	-5.4
Ave. change 2002-2011	-2.3	-3.5	-2.0	-5.2	14.2	-5.0	11.6	-	-2.5

ⁿ Excludes crashes with unrecorded posted speed limit.

^o Speed zone is not coded for ACT crashes.

Table 18 Fatal crashes by speed zone and jurisdiction (continued)

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Speed zone ≥ 110 km/h									
2002	36	10	8	45	66	3	35	-	203
2003	20	11	4	36	58	4	28	-	161
2004	30	7	10	23	61	4	19	-	154
2005	31	12	7	29	59	5	27	-	170
2006	41	13	13	11	61	7	16	-	162
2007	25	9	13	22	80	11	24	-	184
2008	22	8	5	19	64	8	19	-	145
2009	34	7	16	30	68	7	15	-	177
2010	13	11	13	24	79	3	18	-	161
2011	21	9	3	26	70	4	19	-	152
% change 2010-2011	61.5	-18.2	-76.9	8.3	-11.4	33.3	5.6	-	-5.6
Ave. change 2002-2011	-5.2	-1.5	0.5	-4.2	2.3	3.2	-6.1	-	-1.4

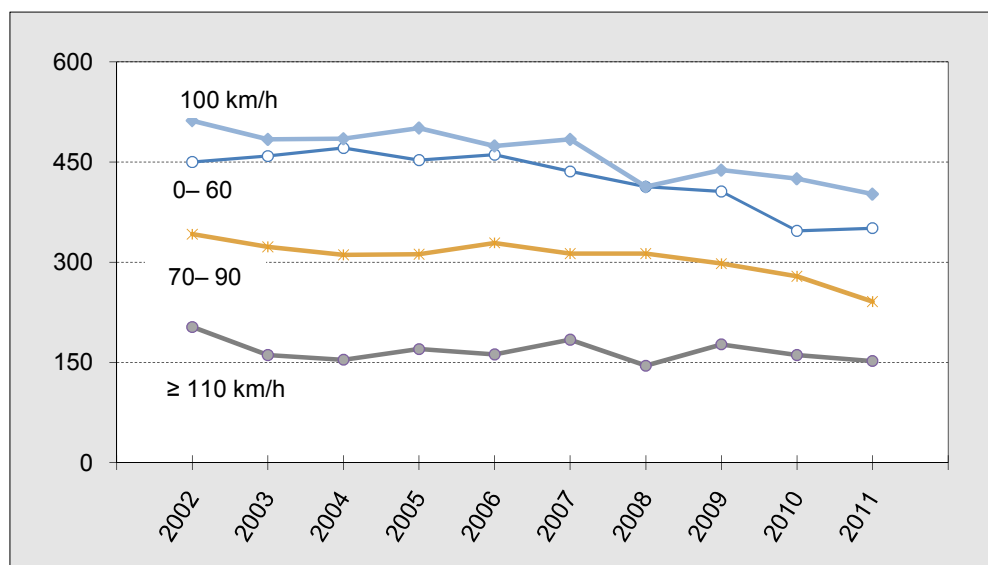
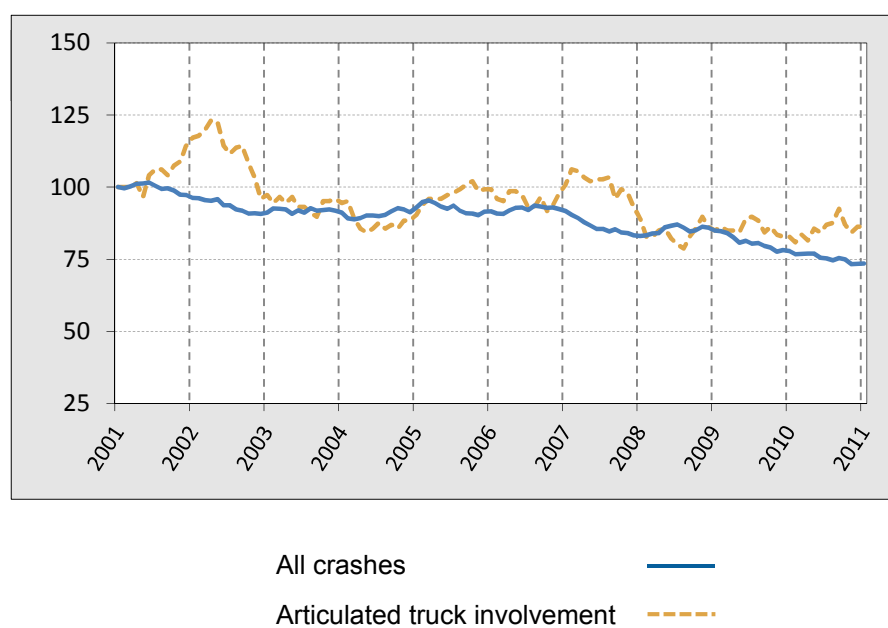
Figure 19 Counts of fatal crashes within speed zone — Australia

Table 19 Fatal crashes involving articulated trucks by jurisdiction

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Fatal crashes									
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	5	2	0	145
2007	53	30	38	6	14	4	2	0	147
2008	47	22	35	9	8	6	3	0	130
2009	33	17	38	9	13	10	2	2	124
2010	41	31	25	7	12	3	1	1	121
2011	47	21	32	12	10	2	2	0	126
% change 2010-2011	14.6	-32.3	28.0	71.4	-16.7	-33.3	100.0	-	4.1
Ave. change 2002-2011	-5.0	-6.3	4.5	-4.0	-2.6	5.6	-	-	-2.7

Figure 20 Indices for fatal crashes involving articulated trucks — 2002 to 2011

Each point shows number of fatal crashes in preceding 12 months expressed as a percentage of the comparable figure at December 2001.

Table 20 Fatal crashes involving articulated trucks by jurisdiction and speed zone

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Speed zone 0 – 60 km/h									
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
2010	7	7	4	1	2	0	0	-	21
2011	8	3	4	1	0	0	1	-	17
% change 2010-2011	14.3	-57.1	0.0	0.0	-100.0	-	-	-	-19.0
Ave. change 2002-2011	-5.1	3.3	2.4	-10.3	-	-	-	-	-1.6
Speed zone 70 – 90 km/h									
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	6	10	0	2	1	1	-	28
2009	6	1	9	0	1	1	1	-	19
2010	9	3	4	1	6	0	1	-	24
2011	14	3	5	6	3	0	1	-	32
% change 2010-2011	55.6	0.0	25.0	-	-50.0	-	-	-	33.3
Ave. change 2002-2011	-6.4	-12.3	4.9	-	-8.5	-	-	-	-4.5
Speed zone 100 km/h									
2002	32	28	16	3	0	1	0	-	80
2003	23	19	14	2	1	0	0	-	59
2004	23	22	5	3	1	2	0	-	56
2005	18	16	21	4	0	1	0	-	60
2006	27	16	24	0	0	1	0	-	68
2007	23	21	21	1	0	2	0	-	68
2008	21	10	18	1	2	2	1	-	55
2009	14	14	22	1	2	7	0	-	60
2010	23	17	14	0	0	3	0	-	57
2011	21	10	21	0	1	0	0	-	53
% change 2010-2011	-8.7	-41.2	50.0	-	-	-100.0	-	-	-7.0
Ave. change 2002-2011	-3.6	-7.8	5.8	-	-	-	-	-	-2.3

Table 20 Fatal crashes involving articulated trucks by jurisdiction and speed zone (continued)

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Speed zone ≥ 110 km/h									
2002	12	3	2	6	6	0	3	-	32
2003	5	5	0	6	7	0	1	-	24
2004	10	4	1	2	10	0	2	-	29
2005	7	2	1	3	8	2	0	-	23
2006	12	1	2	3	7	3	1	-	29
2007	8	1	4	2	10	2	1	-	28
2008	8	1	0	7	2	3	0	-	21
2009	9	0	4	7	7	1	1	-	29
2010	2	4	3	5	4	0	0	-	18
2011	4	4	2	5	6	2	0	-	23
% change 2010-2011	100.0	0.0	-33.3	0.0	50.0	-	-	-	27.8
Ave. change 2002-2011	-9.7	-	-	3.4	-5.6	-	-	-	-3.2

Figure 21 Counts of fatal crashes involving articulated trucks within speed zone — Australia

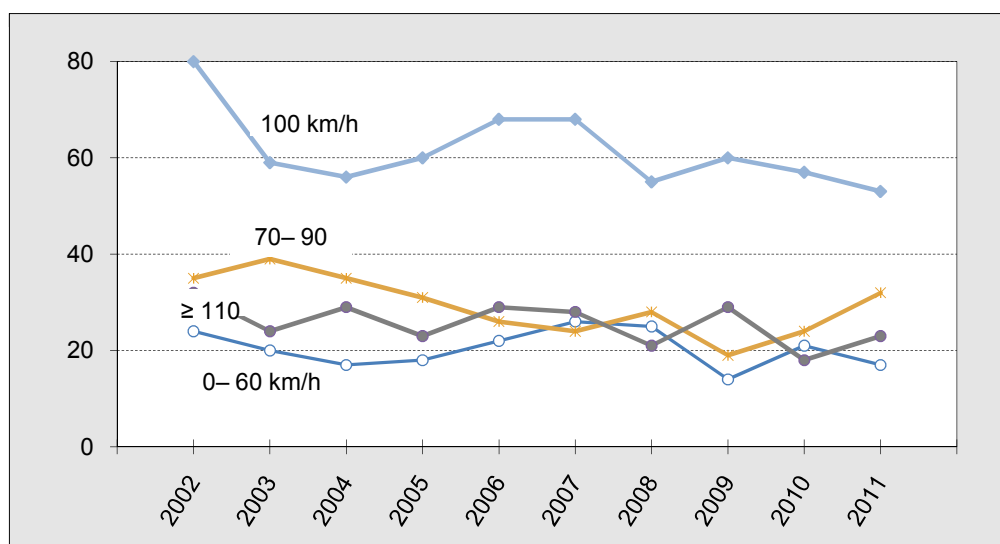
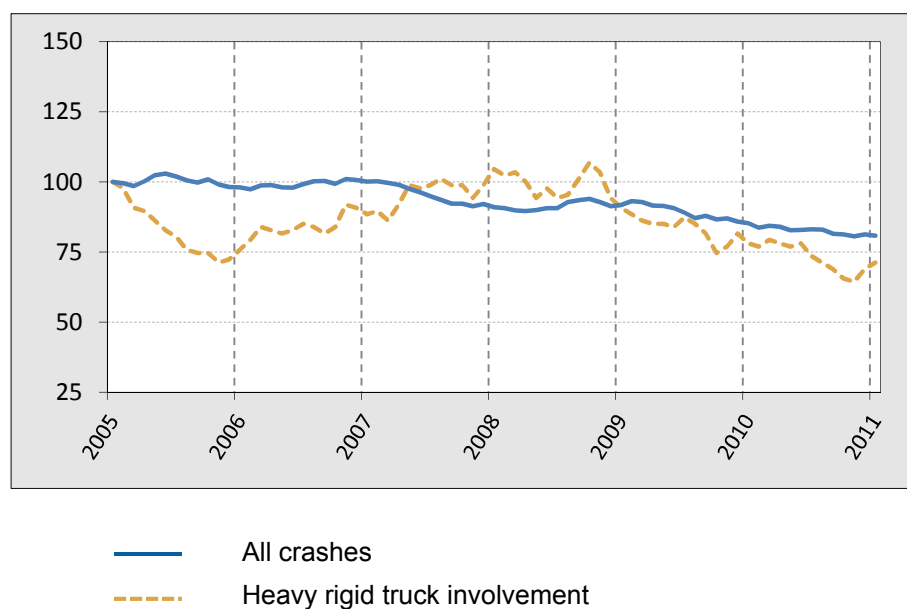


Table 21 **Fatal crashes involving heavy rigid trucks by jurisdiction**
— year ending September 2006 to September 2011

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Fatal crashes									
YE September									
2005	26	28	10	3	7	2	1	1	78
2006	24	15	15	5	8	3	1	1	72
2007	28	24	10	5	10	1	1	1	80
2008	12	24	21	9	17	2	2	0	87
2009	23	18	13	2	16	1	1	0	74
2010	20	19	12	2	10	4	0	1	68
2011	15	11	12	6	8	2	2	0	56
% change Sep 10-Sep 11	-25.0	-42.1	0.0	200.0	-20.0	-50.0	-	-100.0	-17.6
Ave. change 2005-2011	-7.6	-8.9	1.3	-2.4	4.8	2.1	-	-	-4.1

Figure 22 **Indices for fatal crashes involving heavy rigid trucks**
— Sep 2005 to Sep 2011



Each point shows number of fatal crashes in preceding 12 months expressed as a percentage of the comparable figure at September 2005.

Table 22 Fatal crashes involving heavy rigid trucks by jurisdiction and speed zone — year ending September 2005 to September 2011

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Speed zone 0 – 60 km/h									
2005	8	7	5	1	2	1	0	-	24
2006	5	9	2	4	2	0	0	-	22
2007	16	3	3	2	2	0	0	-	26
2008	5	9	5	1	2	0	0	-	22
2009	7	4	4	1	2	1	0	-	19
2010	7	3	2	0	2	0	0	-	14
2011	4	7	4	3	1	1	0	-	20
% change Sep 2010-Sep 2011	-42.9	133.3	100.0	-	-50.0	-	-	-	42.9
Ave. change Sep 2005 to Sep 2011	-7.7	-6.6	-1.4	-	-7.2	-	-	-	-6.1
Speed zone 70 – 90 km/h									
2005	11	8	2	2	2	1	0	-	26
2006	7	4	5	0	3	0	0	-	19
2007	5	8	0	0	2	0	0	-	15
2008	6	10	4	1	7	0	0	-	28
2009	3	6	7	3	5	0	0	-	24
2010	4	8	1	0	3	2	0	-	18
2011	4	4	2	1	2	2	1	-	16
% change Sep 2010-Sep 2011	0.0	-50.0	100.0	-	-33.3	0.0	-	-	-11.1
Ave. change Sep 2005 to Sep 2011	-15.3	-3.4	-	-	3.3	-	-	-	-3.8
Speed zone 100 km/h									
2005	9	13	6	1	2	0	0	-	31
2006	8	3	6	0	0	1	1	-	19
2007	4	6	9	2	1	1	0	-	23
2008	10	8	9	2	2	1	1	-	33
2009	9	8	4	0	2	0	1	-	24
2010	9	6	6	1	1	0	0	-	23
2011	4	6	7	2	0	1	0	-	20
% change Sep 2010-Sep 2011	-55.6	0.0	16.7	100.0	-100.0	-	-	-	-13.0
Ave. change Sep 2005 to Sep 2011	-4.8	-2.3	-1.2	-	-	-	-	-	-3.1

Table 22 Fatal crashes involving heavy rigid trucks by jurisdiction and speed zone (continued)

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Speed zone ≥ 110 km/h									
2005	2	0	0	0	1	0	1	-	4
2006	0	2	0	1	1	1	0	-	5
2007	2	0	1	1	6	1	1	-	12
2008	0	0	0	1	6	0	0	-	7
2009	3	1	0	1	4	1	1	-	11
2010	1	0	1	0	9	0	0	-	11
2011	0	0	0	1	4	0	1	-	6
% change 2010-2011	-100.0	-	-	-	-55.6	-	-	-	-45.5
Ave. change 2002-2011	-	-	-	-	-	-	-	-	-

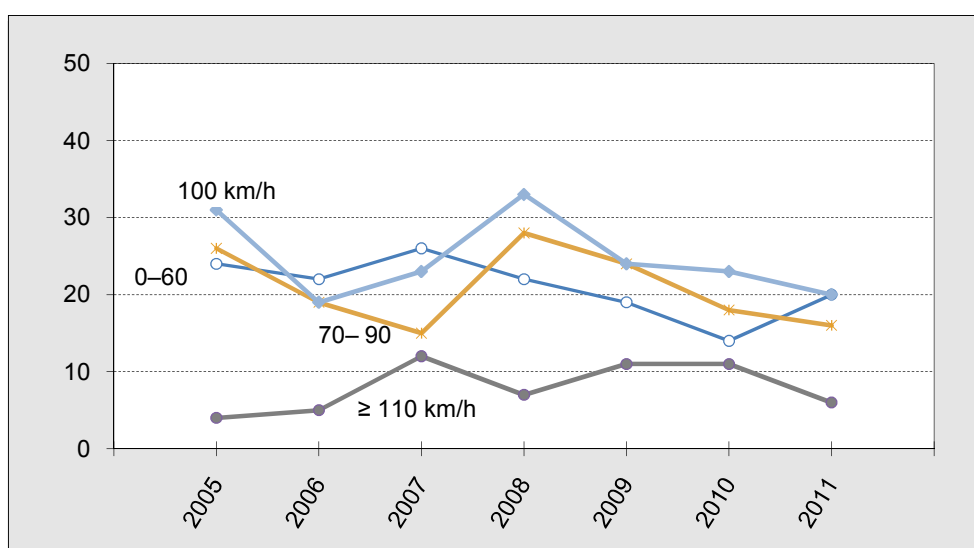
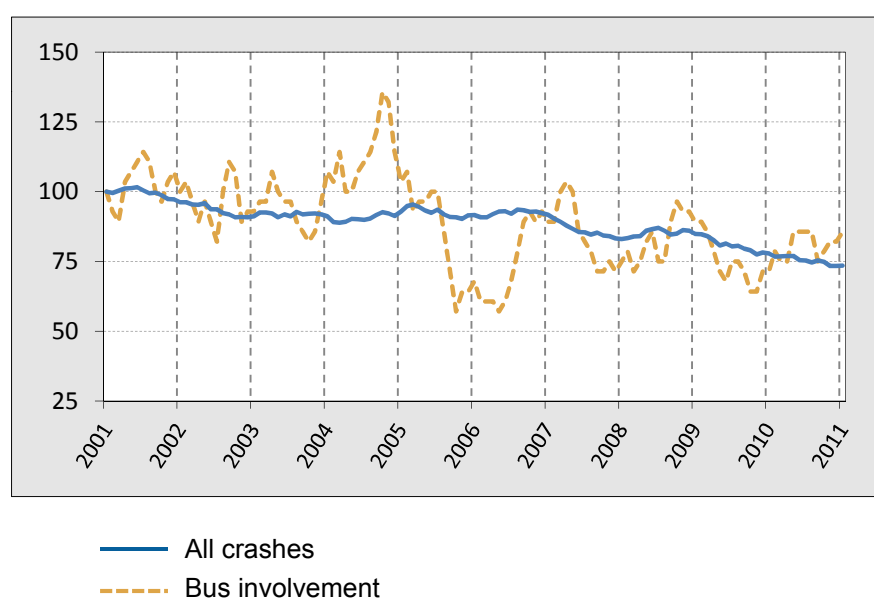
Figure 23 Counts of fatal crashes involving heavy rigid trucks within speed zone — Australia

Table 23 Fatal crashes and deaths involving buses by jurisdiction
— 2002 to 2011

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Fatal crashes									
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	8	6	8	2	0	1	0	0	25
2010	9	2	3	3	0	1	1	1	20
2011	11	5	7	0	1	0	0	0	24
% change 2010-2011	22.2	150.0	133.3	-100.0	-	-100.0	-100.0	-100.0	20.0
Ave. change 2002-2011	-5.9	-2.5	0.9	-	-	-	-	-	-2.9

Figure 24 Indices for fatal crashes involving buses — 2001 to 2011



Each point shows number of fatal crashes in preceding 12 months expressed as a percentage of the comparable figure at December 2000.

Table 24 Fatal crashes involving buses by jurisdiction and speed zone — 2001 to 2010

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Speed zone 0 – 60 km/h									
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	4	0	7	1	0	1	0	-	13
2010	7	0	2	2	0	0	0	-	11
2011	10	2	6	0	1	0	0	-	19
% change 2010-2011	42.9	-	200.0	-100.0	-	-	-	-	72.7
Ave. change 2002-2011	-5.0	-	10.6	-	-	-	-	-	-1.3
Speed zone 70 – 90 km/h									
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
2010	2	0	1	1	0	0	1	-	5
2011	0	1	0	0	0	0	0	-	1
% change 2010-2011	-100.0	-	-100.0	-100.0	-	-	-	-	-80.0
Ave. change 2002-2011	-	-	-	-	-	-	-	-	-8.3
Speed zone 100 km/h									
2002	1	0	0	0	0	0	0	-	1
2003	4	0	0	1	0	0	0	-	5
2004	2	3	2	0	0	0	0	-	7
2005	0	0	3	0	1	0	0	-	4
2006	0	1	0	0	0	0	0	-	1
2007	2	2	1	0	0	0	0	-	5
2008	1	0	1	0	0	0	0	-	2
2009	0	3	0	0	0	0	0	-	3
2010	0	2	0	0	0	1	0	-	3
2011	1	2	1	0	0	0	0	-	4
% change 2010-2011	-	0.0	-	-	-	-	-	-	33.3
Ave. change 2002-2011	-	-	-	-	-	-	-	-	2.6

Table 24 Fatal crashes involving buses by jurisdiction and speed zone (continued)

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Speed zone ≥ 110 km/h									
2002	0	0	0	0	1	0	0	-	1
2003	1	0	0	0	1	0	1	-	3
2004	1	1	0	1	0	0	0	-	3
2005	1	0	0	0	1	0	0	-	2
2006	0	1	0	0	1	0	0	-	2
2007	0	0	0	1	0	0	0	-	1
2008	0	0	0	1	0	0	0	-	1
2009	1	0	0	0	0	0	0	-	1
2010	0	0	0	0	0	0	0	-	0
2011	0	0	0	0	0	0	0	-	0
% change 2010-2011	-	-	-	-	-	-	-	-	-
Ave. change 2002-2011	-	-	-	-	-	-	-	-	-

Figure 25 Counts of fatal crashes involving buses within speed zone — Australia

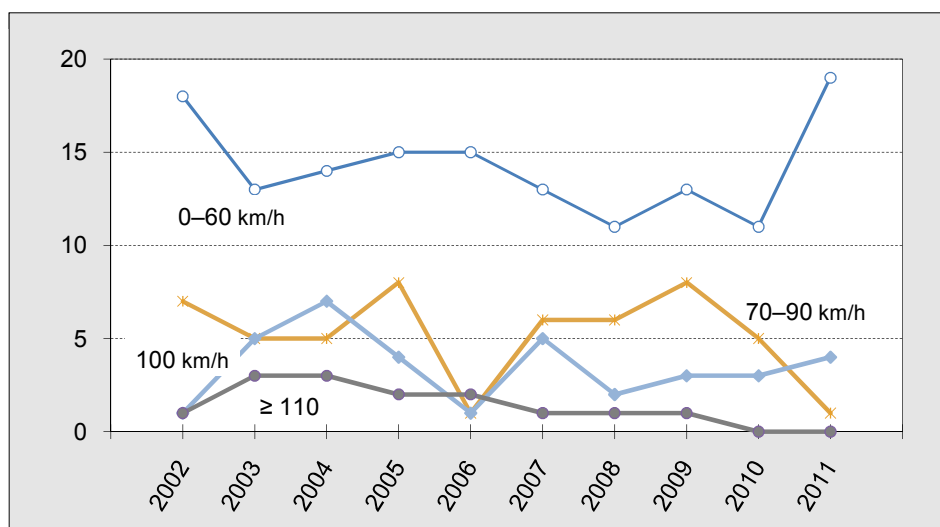
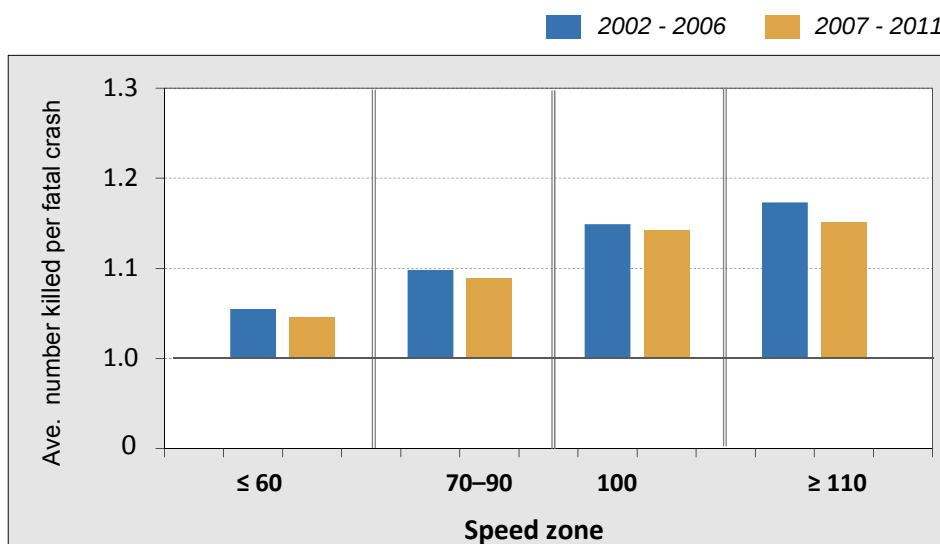


Table 25 **Average number of persons killed per fatal crash**
— 2002 to 2011

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
Speed zone 0 – 60 km/h									
<i>2002 - 2006</i>	1.06	1.06	1.05	1.07	1.04	1.02	1.00	-	1.05
<i>2007 - 2011</i>	1.04	1.05	1.05	1.05	1.02	1.15	1.07	-	1.05
Speed zone 70 – 90 km/h									
<i>2002 - 2006</i>	1.11	1.08	1.08	1.10	1.11	1.13	1.09	-	1.10
<i>2007 - 2011</i>	1.09	1.08	1.08	1.13	1.08	1.16	1.08	-	1.09
Speed zone 100 km/h									
<i>2002 - 2006</i>	1.16	1.14	1.15	1.16	1.18	1.11	1.11	-	1.15
<i>2007 - 2011</i>	1.12	1.16	1.16	1.15	1.19	1.05	1.07	-	1.14
Speed zone ≥ 110 km/h									
<i>2002 - 2006</i>	1.18	1.09	1.02	1.21	1.16	1.26	1.22	-	1.17
<i>2007 - 2011</i>	1.14	1.11	1.14	1.20	1.12	1.24	1.21	-	1.15

Figure 26 **Average number of persons killed per fatal crash by speed zone**
— Australia



CHAPTER 4

Historical series

- This section presents longer time series of deaths, rates and fatal crashes. Average annual per cent changes over each of three decades are given. There are seven tables :

Table 26	Deaths by jurisdiction 1982–2011
Table 27	Deaths by road user 1982–2011
Table 28	Deaths by age group 1982–2011
Table 29	Rates per population by jurisdiction 1982–2011
Table 30	Fatal crashes 1982–2011
Table 31	Population by jurisdiction 1982–2011
Table 32	Population by age group 1982–2011

- Each decade annual deaths have fallen. On an average annual basis, the fall over the last 30 years has been approximately 2.8 per cent per year.
- The three largest jurisdictions (New South Wales, Victoria and Queensland) have, over this period, achieved falls of 70 per cent, 60 per cent and 55 per cent respectively. South Australia, Tasmania and the Australian Capital Territory have also achieved significant reductions. The reductions in Western Australia and the Northern Territory have been more modest.
- Regarding the type of road use, passenger and pedestrian deaths have decreased over 30 years by 60–70 per cent, the fastest rates. Deaths of all other road user groups have also decreased significantly.
- Road users aged 16 years or under currently account for around seven per cent of all deaths. Thirty years ago they accounted for 13 per cent. In contrast, the 40–59 age group now accounts for 27 per cent of all road deaths, compared to 15 per cent 30 years ago.
- Over thirty years, as well as over the latest decade, Queensland's and Western Australia's populations have been growing the fastest. The other states have been growing at around 1 per cent per year.

Table 26 Deaths by jurisdiction 1982 – 2011

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1982	1,253	709	602	270	236	96	60	26	3,252
1983	966	664	510	266	203	70	48	28	2,755
1984	1,037	657	505	232	221	83	50	37	2,822
1985	1,067	683	502	268	243	78	67	33	2,941
1986	1,029	668	481	288	228	91	71	32	2,888
1987	959	705	442	256	213	77	84	36	2,772
1988	1,037	701	539	223	230	75	51	31	2,887
1989	960	776	428	222	242	80	61	32	2,801
1990	797	548	399	226	196	71	68	26	2,331
1991	663	503	395	184	207	77	67	17	2,113
<i>Ave. change 1982-1991</i>	-4.5	-2.1	-3.7	-3.3	-0.7	-1.4	2.3	-3.1	-3.1
1992	649	396	416	165	200	74	54	20	1,974
1993	581	435	396	218	209	58	44	12	1,953
1994	646	377	418	159	211	59	41	17	1,928
1995	620	418	456	181	209	57	61	15	2,017
1996	581	417	385	181	247	64	72	23	1,970
1997	576	377	360	148	197	32	60	17	1,767
1998	556	390	279	168	223	48	69	22	1,755
1999	577	383	314	151	218	53	49	19	1,764
2000	603	407	317	166	212	43	51	18	1,817
2001	524	444	324	153	165	61	50	16	1,737
<i>Ave. change 1992-2001</i>	-1.5	0.2	-4.0	-2.0	-0.9	-3.3	0.9	1.4	-1.6
2002	561	397	322	154	179	37	55	10	1,715
2003	539	330	310	157	180	41	53	11	1,621
2004	510	343	311	139	178	58	35	9	1,583
2005	508	346	330	148	163	51	55	26	1,627
2006	496	337	335	117	200	55	45	13	1,598
2007	435	332	360	124	235	45	58	14	1,603
2008	374	303	328	99	205	39	75	14	1,437
2009	453	290	331	119	190	63	30	12	1,488
2010	405	288	249	118	193	31	49	19	1,352
2011	377	287	269	103	180	25	44	6	1,291
<i>Ave. change 2002-2011</i>	-4.3	-3.1	-1.7	-4.5	1.0	-3.6	-1.3	-0.7	-2.7

Table 27 Deaths by road user 1982 – 2011

	<i>Drivers</i>	<i>Passengers</i>	<i>Pedestrians</i>	<i>Motor-cyclists</i>	<i>Pedal Cyclists</i>	<i>All Road users^p</i>
1982	1,237	850	591	482	88	3,252
1983	1,034	689	512	410	103	2,755
1984	1,036	756	541	390	90	2,822
1985	1,143	763	538	404	83	2,941
1986	1,134	730	537	405	78	2,888
1987	1,095	737	493	359	79	2,772
1988	1,144	776	548	323	87	2,887
1989	1,122	781	501	299	98	2,801
1990	935	634	420	262	80	2,331
1991	910	554	343	248	58	2,113
<i>Ave. change 1982-1991</i>	-1.9	-2.5	-4.0	-6.6	-3.0	-3.1
1992	815	570	350	197	41	1,974
1993	859	513	331	203	45	1,953
1994	809	501	367	190	59	1,928
1995	874	491	398	204	48	2,017
1996	869	499	351	193	57	1,970
1997	776	431	328	177	52	1,767
1998	741	468	318	181	44	1,755
1999	820	428	299	176	40	1,764
2000	852	450	287	191	31	1,817
2001	776	407	290	216	46	1,737
<i>Ave. change 1992-2001</i>	-0.6	-3.0	-2.7	-0.3	-2.3	-1.6
2002	785	422	249	224	34	1,715
2003	747	420	232	188	26	1,621
2004	760	362	220	195	43	1,583
2005	775	347	226	233	41	1,627
2006	757	336	228	238	39	1,598
2007	785	336	204	237	41	1,603
2008	671	302	189	245	28	1,437
2009	708	330	194	224	31	1,488
2010	635	284	170	224	38	1,352
2011	579	286	189	201	35	1,291
<i>Ave. change 2002-2011</i>	-2.8	-4.2	-3.5	0.7	0.1	-2.7

p Comprises drivers, passengers, pedestrians, motorcyclists, pedal cyclists and those with unstated or unknown road user type.

Table 28 Deaths by age group 1982 – 2011

	0-16 years	17-25 years	26-39 years	40-59 years	60-69 years ^q	≥ 70 years	All deaths ^r
1982	410	1,154	688	476	515	-	3,252
1983	335	1,010	550	399	450	-	2,755
1984	357	974	579	416	489	-	2,822
1985	326	1,040	634	453	483	-	2,941
1986	327	988	641	441	484	-	2,888
1987	293	939	624	417	492	-	2,772
1988	293	957	642	447	538	-	2,887
1989	296	912	667	438	208	271	2,801
1990	238	749	522	371	180	268	2,331
1991	198	646	489	345	169	262	2,113
<i>Ave. change 1982-1991</i>	-6.1	-4.7	-1.6	-1.9	-11.6	-	-3.1
1992	191	600	467	323	153	233	1,974
1993	178	592	479	340	141	220	1,953
1994	184	543	431	338	161	271	1,928
1995	177	596	486	348	152	254	2,017
1996	190	554	449	377	144	253	1,970
1997	164	512	413	324	121	222	1,767
1998	167	459	397	362	111	247	1,755
1999	147	473	443	322	145	225	1,764
2000	157	487	457	360	119	237	1,817
2001	136	450	410	374	131	236	1,737
<i>Ave. change 1992-2001</i>	-3.2	-3.3	-1.2	0.9	-2.5	-0.3	-1.6
2002	129	445	444	378	112	206	1,715
2003	148	412	373	361	100	223	1,621
2004	112	429	353	368	125	195	1,583
2005	110	426	414	347	123	204	1,627
2006	118	435	393	359	107	185	1,598
2007	101	392	412	391	106	200	1,603
2008	88	376	345	352	96	180	1,437
2009	105	360	356	388	104	175	1,488
2010	74	336	305	356	113	167	1,352
2011	93	283	278	342	107	188	1,291
<i>Ave. change 2002-2011</i>	-5.3	-4.1	-3.6	-0.4	-0.7	-2.2	-2.7

q 60+ for years 1981-88.

r Includes those with unstated or unknown age

Table 29 Annual deaths per 100,000 population by jurisdiction 1982 – 2011

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1982	23.6	17.8	24.8	20.3	17.6	22.3	46.0	11.2	21.4
1983	18.0	16.5	20.5	19.8	14.8	16.2	35.3	11.7	17.9
1984	19.2	16.1	20.0	17.1	15.9	19.0	35.2	15.1	18.1
1985	19.5	16.6	19.5	19.5	17.1	17.6	45.1	13.1	18.6
1986	18.6	16.1	18.3	20.8	15.6	20.4	46.0	12.4	18.0
1987	17.1	16.7	16.5	18.4	14.2	17.1	53.1	13.6	17.0
1988	18.2	16.4	19.7	15.9	15.0	16.6	32.1	11.4	17.5
1989	16.6	18.0	15.1	15.6	15.3	17.6	37.8	11.6	16.7
1990	13.7	12.5	13.8	15.8	12.2	15.4	41.5	9.2	13.7
1991	11.2	11.4	13.3	12.7	12.7	16.5	40.5	5.9	12.2
<i>Ave. change 1982-1991</i>	-5.7	-3.2	-5.8	-4.1	-3.0	-2.3	-0.3	-5.4	-4.5
1992	10.9	8.9	13.7	11.3	12.1	15.8	32.1	6.8	11.3
1993	9.7	9.7	12.7	14.9	12.5	12.3	25.8	4.0	11.1
1994	10.7	8.4	13.1	10.8	12.4	12.5	23.6	5.6	10.8
1995	10.1	9.3	14.0	12.3	12.1	12.0	34.4	4.9	11.2
1996	9.4	9.1	11.5	12.3	14.0	13.5	39.6	7.5	10.8
1997	9.2	8.2	10.6	10.0	11.0	6.8	32.1	5.5	9.5
1998	8.8	8.4	8.1	11.3	12.2	10.2	36.3	7.1	9.4
1999	9.0	8.2	9.0	10.1	11.8	11.2	25.4	6.1	9.3
2000	9.3	8.6	8.9	11.0	11.3	9.1	26.1	5.7	9.5
2001	8.0	9.2	8.9	10.1	8.7	12.9	25.3	5.0	8.9
<i>Ave. change 1992-2001</i>	-2.6	-0.6	-5.9	-2.4	-2.4	-3.3	-1.1	0.6	-2.7
2002	8.5	8.2	8.7	10.1	9.3	7.8	27.6	3.1	8.7
2003	8.1	6.7	8.1	10.3	9.2	8.6	26.5	3.4	8.1
2004	7.6	6.9	8.0	9.0	9.0	12.0	17.3	2.7	7.9
2005	7.5	6.9	8.3	9.5	8.1	10.5	26.7	7.9	8.0
2006	7.3	6.6	8.2	7.5	9.7	11.2	21.8	3.9	7.7
2007	6.3	6.4	8.6	7.8	11.1	9.1	27.0	4.1	7.6
2008	5.3	5.7	7.6	6.2	9.4	7.8	34.0	4.0	6.7
2009	6.4	5.3	7.5	7.3	8.5	12.5	13.3	3.4	6.8
2010	5.6	5.2	5.5	7.2	8.4	6.1	21.4	5.3	6.1
2011	5.2	5.1	5.9	6.2	7.7	4.9	19.1	1.6	5.7
<i>Ave. change 2002-2011</i>	-5.4	-4.7	-4.0	-5.4	-1.2	-4.4	-3.1	-2.1	-4.3

Table 30 Fatal crashes by jurisdiction 1982–2011

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1982	1,115	631	522	239	203	84	52	26	2,872
1983	877	610	437	235	191	63	45	27	2,485
1984	910	584	448	205	204	77	45	35	2,508
1985	954	605	452	239	219	69	59	30	2,627
1986	908	610	421	259	208	78	63	30	2,577
1987	858	626	400	230	193	67	80	33	2,487
1988	912	627	483	206	199	68	46	31	2,572
1989	784	681	376	201	214	68	57	26	2,407
1990	702	492	347	187	181	63	54	24	2,050
1991	585	435	359	166	187	66	60	16	1,874
<i>Ave. change 1982-1991</i>	-4.9	-2.4	-3.4	-3.3	-0.7	-1.8	2.0	-3.9	-3.3
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
<i>Ave. change 1992-2001</i>	-1.2	0.3	-3.9	-1.7	-1.0	-2.5	1.5	1.6	-1.4
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	181	43	41	12	1,452
2007	405	289	338	107	214	39	47	14	1,453
2008	353	278	294	87	185	37	67	14	1,315
2009	408	268	296	104	176	52	30	11	1,345
2010	365	260	236	105	176	29	46	16	1,233
2011	349	259	227	95	168	24	37	6	1,165
<i>Ave. change 2002-2011</i>	-4.0	-3.0	-1.9	-4.3	1.6	-3.8	0.0	0.1	-2.5

Table 3I **Population (000s) by jurisdiction 1982– 2011 — June**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1982	5,304	3,993	2,425	1,331	1,339	430	130	233	15,184
1983	5,353	4,036	2,482	1,346	1,369	433	136	239	15,393
1984	5,403	4,076	2,524	1,360	1,391	438	142	245	15,579
1985	5,465	4,120	2,571	1,371	1,419	443	149	251	15,788
1986	5,532	4,161	2,625	1,383	1,459	446	154	259	16,018
1987	5,617	4,210	2,675	1,393	1,496	449	158	265	16,264
1988	5,707	4,263	2,740	1,405	1,535	451	159	272	16,532
1989	5,776	4,320	2,828	1,419	1,578	455	161	276	16,814
1990	5,834	4,379	2,899	1,432	1,613	462	164	282	17,065
1991	5,899	4,420	2,961	1,446	1,636	467	165	289	17,284
<i>Ave. change 1982-1991</i>	1.2	1.2	2.2	0.9	2.4	0.9	2.6	2.4	1.5
1992	5,963	4,455	3,030	1,457	1,658	470	168	295	17,495
1993	6,005	4,472	3,110	1,461	1,678	472	171	299	17,667
1994	6,060	4,488	3,187	1,466	1,703	473	173	301	17,855
1995	6,127	4,517	3,265	1,469	1,734	474	178	305	18,072
1996	6,205	4,560	3,339	1,474	1,765	474	182	308	18,311
1997	6,277	4,597	3,395	1,481	1,795	474	187	309	18,518
1998	6,339	4,638	3,448	1,490	1,823	472	190	310	18,711
1999	6,411	4,686	3,501	1,498	1,850	471	193	312	18,926
2000	6,486	4,741	3,562	1,505	1,874	471	196	315	19,153
2001	6,575	4,805	3,629	1,512	1,901	472	198	319	19,413
<i>Ave. change 1992-2001</i>	1.1	0.8	2.0	0.4	1.6	0.0	1.9	0.8	1.2
2002	6,629	4,863	3,715	1,521	1,926	473	199	323	19,651
2003	6,673	4,923	3,809	1,531	1,953	478	200	326	19,895
2004	6,707	4,981	3,901	1,540	1,983	483	202	327	20,127
2005	6,756	5,049	3,995	1,553	2,017	486	206	330	20,395
2006	6,816	5,127	4,091	1,568	2,059	490	211	334	20,698
2007	6,905	5,221	4,196	1,586	2,113	493	215	341	21,072
2008	7,015	5,327	4,309	1,604	2,177	498	221	346	21,499
2009	7,127	5,447	4,425	1,625	2,244	503	226	352	21,952
2010	7,222	5,540	4,506	1,644	2,291	507	229	359	22,300
2011	7,304	5,624	4,581	1,657	2,346	511	230	365	22,621
<i>Ave. change 2002-2011</i>	1.1	1.7	2.4	1.0	2.3	0.9	1.9	1.4	1.6

Source: Australian Bureau of Statistics, Australian Demographic Statistics (3101.0)

Table 32 **Population (000s) by age group 1982–2011 — June**

	<i>0-16 years</i>	<i>17-25 years</i>	<i>26-39 years</i>	<i>40-59 years</i>	<i>60-69 years</i>	<i>≥ 70 years</i>	<i>All</i>
1982	4,247	2,375	3,301	3,126	1,179	956	15,184
1983	4,260	2,381	3,390	3,164	1,206	993	15,393
1984	4,260	2,380	3,455	3,218	1,230	1,036	15,579
1985	4,264	2,384	3,531	3,279	1,255	1,075	15,788
1986	4,263	2,400	3,605	3,349	1,290	1,112	16,018
1987	4,267	2,413	3,654	3,467	1,319	1,144	16,264
1988	4,263	2,448	3,726	3,572	1,353	1,170	16,532
1989	4,269	2,484	3,799	3,681	1,385	1,197	16,814
1990	4,284	2,501	3,859	3,789	1,401	1,231	17,065
1991	4,302	2,512	3,886	3,896	1,408	1,279	17,284
<i>Ave. change 1982-1991</i>	0.1	0.7	1.9	2.6	2.1	3.2	1.5
1992	4,322	2,514	3,921	4,006	1,406	1,326	17,495
1993	4,338	2,505	3,931	4,118	1,403	1,371	17,667
1994	4,360	2,494	3,947	4,236	1,399	1,419	17,855
1995	4,391	2,480	3,980	4,360	1,400	1,462	18,072
1996	4,423	2,468	4,015	4,491	1,403	1,511	18,311
1997	4,444	2,418	4,060	4,622	1,415	1,559	18,518
1998	4,460	2,373	4,089	4,753	1,429	1,607	18,711
1999	4,480	2,353	4,107	4,882	1,449	1,656	18,926
2000	4,500	2,354	4,111	5,011	1,475	1,702	19,153
2001	4,529	2,377	4,102	5,147	1,505	1,753	19,413
<i>Ave. change 1992-2001</i>	0.5	-0.8	0.6	2.8	0.7	3.1	1.2
2002	4,537	2,415	4,094	5,276	1,544	1,786	19,651
2003	4,545	2,464	4,084	5,402	1,586	1,814	19,895
2004	4,557	2,506	4,079	5,500	1,643	1,843	20,127
2005	4,582	2,551	4,094	5,585	1,707	1,875	20,395
2006	4,622	2,605	4,130	5,660	1,771	1,911	20,698
2007	4,660	2,681	4,200	5,703	1,872	1,957	21,072
2008	4,709	2,773	4,292	5,766	1,960	1,999	21,499
2009	4,766	2,862	4,396	5,845	2,038	2,045	21,952
2010	4,803	2,897	4,465	5,918	2,120	2,098	22,300
2011	4,843	2,908	4,510	6,009	2,200	2,151	22,621
<i>Ave. change 2002-2011</i>	0.8	2.3	1.2	1.4	4.2	2.1	1.6

Source: Australian Bureau of Statistics, Population by Sex and Age (3201.0)