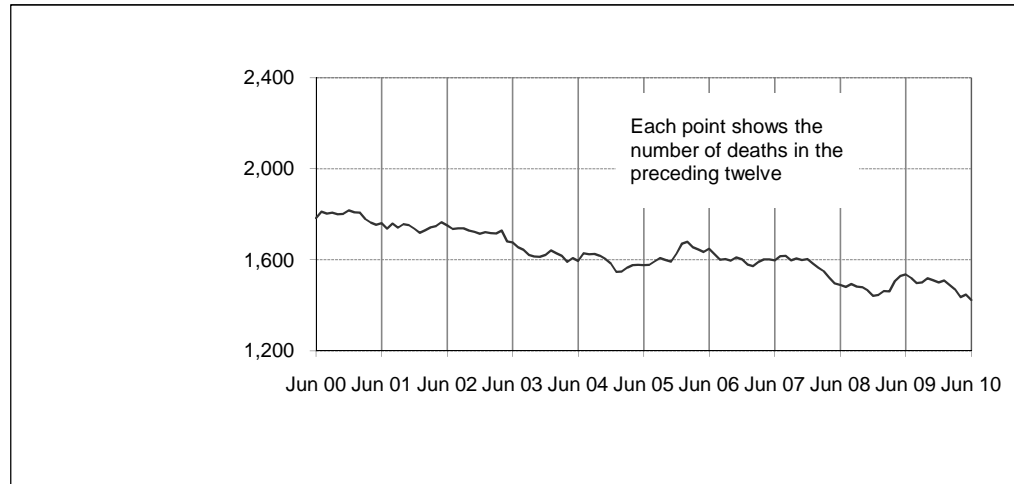




## Australian road deaths for 12 months to date

— last 10 years

**Inquiries**

For further information about data in this bulletin, contact:

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Internet: [www.infrastructure.gov.au](http://www.infrastructure.gov.au)

**Data Sources**

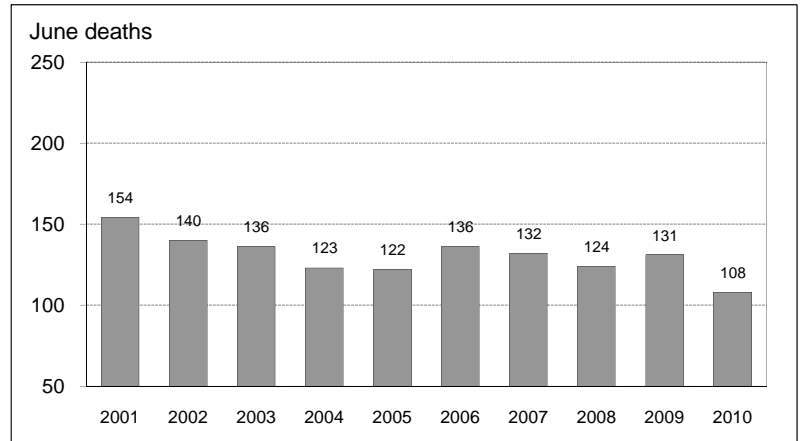
The data presented here are obtained from the following sources:

- Roads and Traffic Authority, NSW
- Vicroads
- Queensland Transport
- Department for Transport, Energy and Infrastructure, South Australia
- Western Australia Police
- Department of Infrastructure, Energy and Resources, Tasmania
- Department of Planning and Infrastructure, Northern Territory
- Territory and Municipal Services, ACT

- Road deaths from recent months are preliminary and subject to revision.

## Australian road deaths for June

— last 10 years

**This month's key figures**

There was a total of 108 road deaths in June 2010.

- this is a 17.6 per cent decrease from the June 2009 figure.

There have been 708 road deaths in 2010 to the end of June.

- this is a 9.7 per cent decrease from the same 6 month period in 2009.

# NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

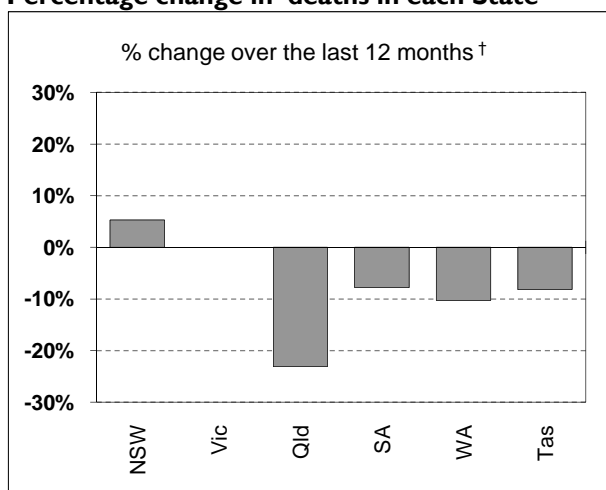
## Road deaths by State/Territory

for current month, year to date, 12 months ended June, and five year trend

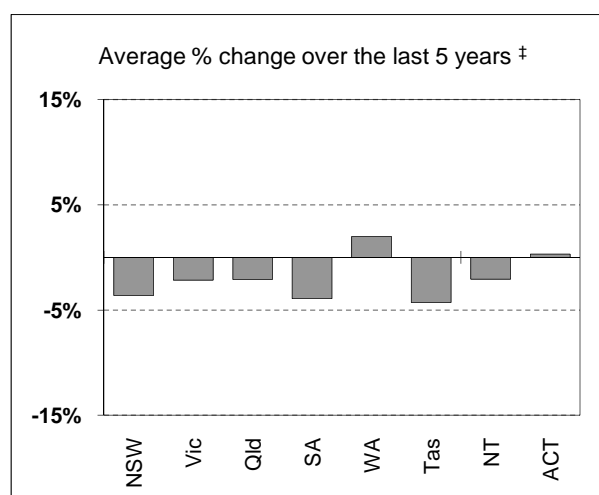
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Jun 2010	33	26	26	8	13	1	0	1	108
Jun 2009	35	30	34	9	14	3	4	2	131
% change	-5.7	-13.3	-23.5	-11.1	-7.1	-66.7	-100.0	-50.0	-17.6
<b>Year to date</b>									
Jan 2010 - Jun 2010	225	164	120	69	85	18	12	15	708
Jan 2009 - Jun 2009	225	153	181	70	98	37	13	7	784
% change	0.0	7.2	-33.7	-1.4	-13.3	-51.4	-7.7	114.3	-9.7
<b>12-months to date</b>									
Jul 2009 - Jun 2010	456	301	270	118	184	45	30	20	1,424
Jul 2008 - Jun 2009	433	301	351	128	205	49	56	13	1,536
Difference	23	0	-81	-10	-21	-4	-26	7	-112
% change	5.3	0.0	-23.1	-7.8	-10.2	-8.2	-46.4	53.8	-7.3
<b>Average annual % change over 5 years <sup>a</sup></b>									
YE June 2005 to YE June 2010	-3.6	-2.2	-2.1	-3.9	2.0	-4.3	-2.1	0.3	-2.2

<sup>a</sup> Average annual percentage change based on the exponential trend for the last five 12-month periods

## Percentage change in deaths in each State



† Percentage change between the two 12-month periods ending June 2010 and June 2009.  
NT and ACT not shown.



‡ Average annual percentage change based on the exponential trend from the year ending June 2005 to year ending June 2010.

# NUMBER OF DEATHS IN EACH ROAD USER GROUP

Road deaths by road user group and gender  
for 12 months ended June 2010, June 2009 and five year trend

	Drivers	Passengers	Pedestrians	Motor-cyclists <sup>a</sup>	Cyclists	All road users <sup>b</sup>
<b>Males</b>						
Jul 2009 - Jun 2010	521	157	121	210	36	1,045
Jul 2008 - Jun 2009	497	186	147	243	27	1,102
% change	4.8	-15.6	-17.7	-13.6	33.3	-5.2
<b>Females</b>						
Jul 2009 - Jun 2010	174	125	57	12	3	373
Jul 2008 - Jun 2009	196	152	63	15	6	432
% change	-11.2	-17.8	-9.5	-20.0	-50.0	-13.7
<b>Persons<sup>c</sup></b>						
Jul 2009 - Jun 2010	696	286	179	222	39	1,424
Jul 2008 - Jun 2009	693	340	210	258	33	1,536
% change	0.4	-15.9	-14.8	-14.0	18.2	-7.3
<b>Average annual % change over 5 years<sup>d</sup></b>						
YE June 2005 to YE June 2010	-2.4	-3.8	-3.1	1.6	-2.6	-2.2

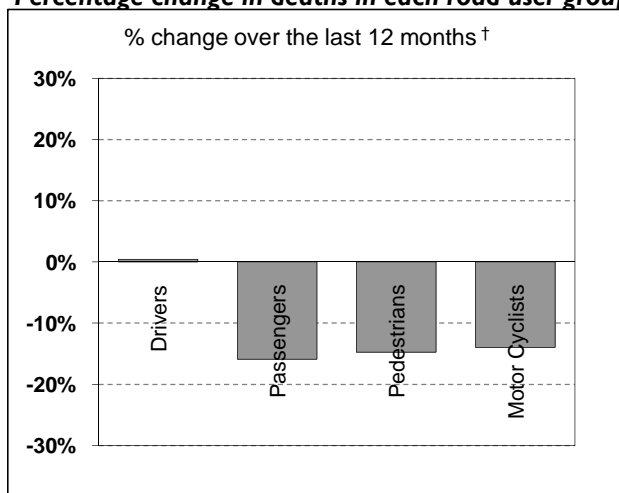
a Includes pillion passengers

b Includes road users not separately specified

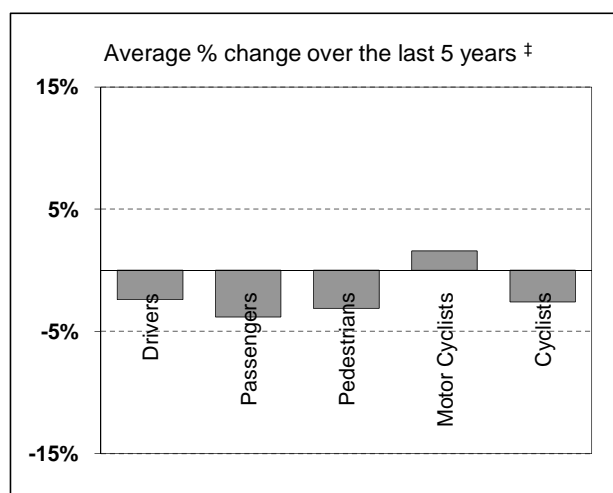
c Includes road users with unstated gender

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

## Percentage change in deaths in each road user group



† Percentage change between the two 12-month periods ending June 2010 and June 2009.  
Cyclists not shown.

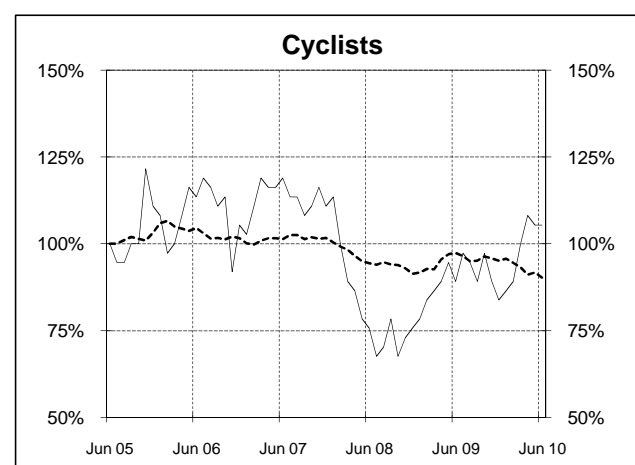
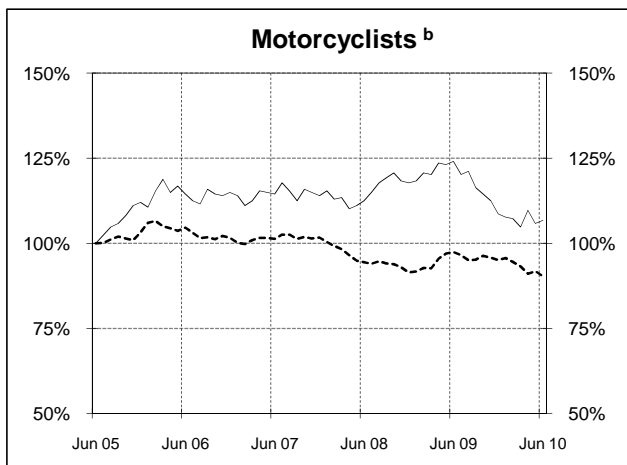
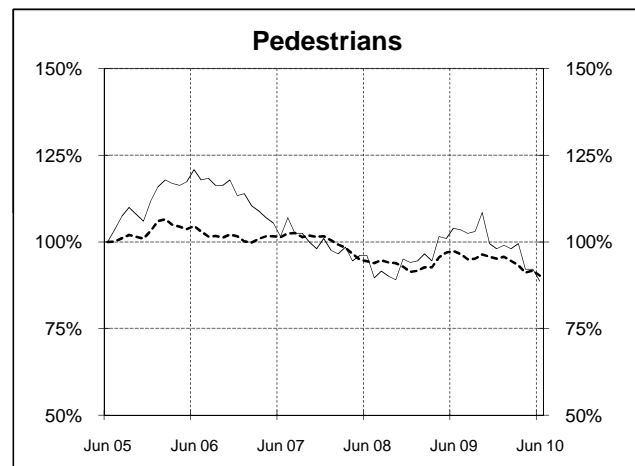
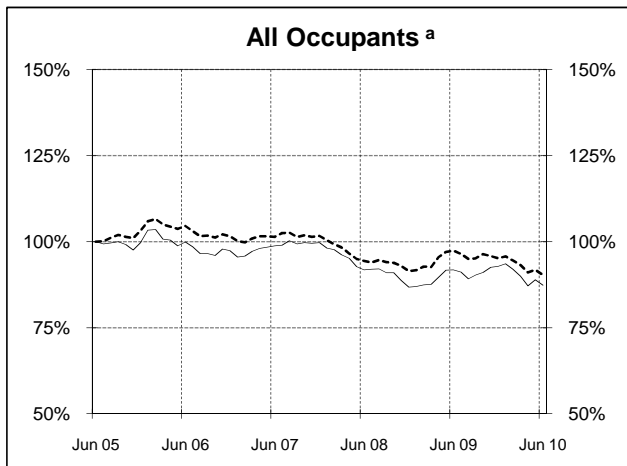
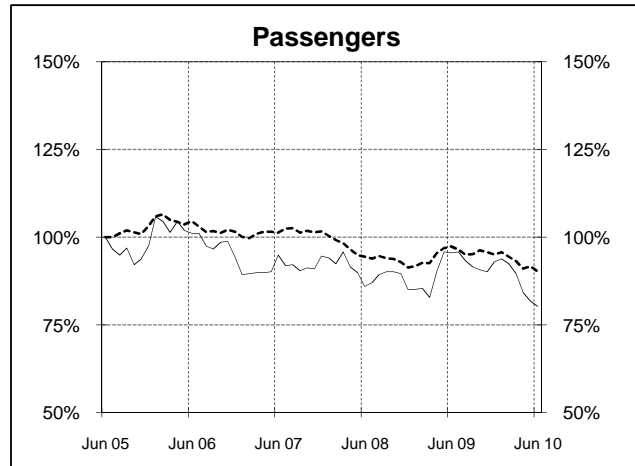
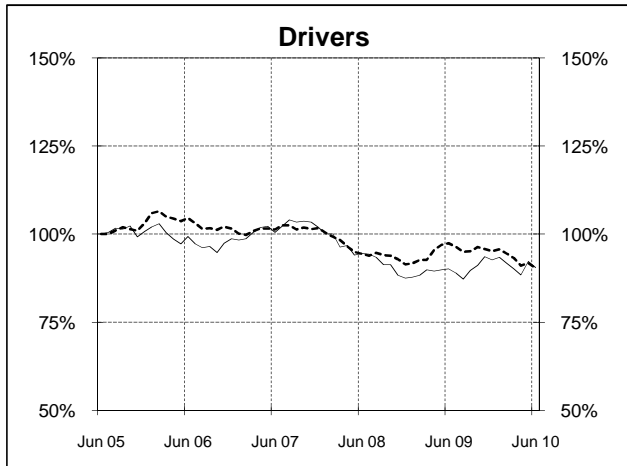
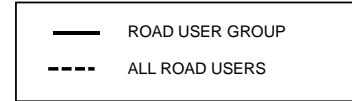


‡ Average annual percentage change based on the exponential trend from the year ending June 2005 to year ending June 2010.

# DEATHS IN EACH ROAD USER GROUP - TRENDS

## Annual deaths in each road user group - last 5 years

The number shown at each month represents the number of deaths in the preceding 12 months expressed as a percentage of the number of deaths in the 12 months to June 2005.



a Comprises drivers and passengers

b Includes pillion passengers

# NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

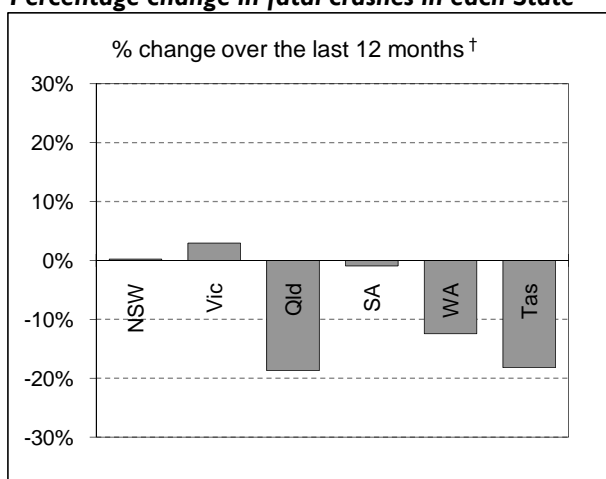
## Fatal crashes by State/Territory

for current month, year to date, 12 months ended June, and five year trend.

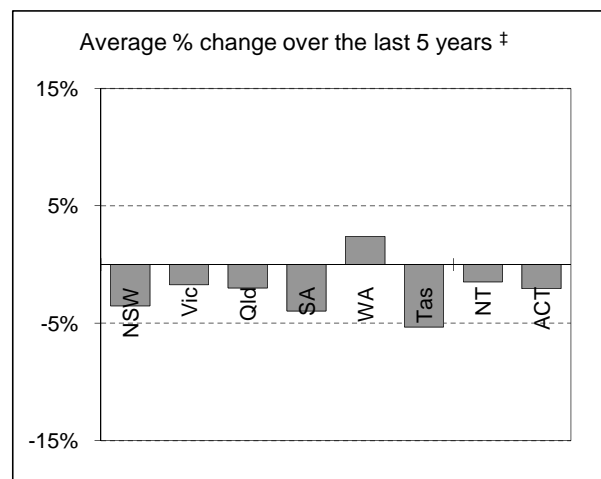
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Jun 2010	29	20	24	8	12	1	0	1	95
Jun 2009	33	24	29	9	14	3	4	2	118
% change	-12.1	-16.7	-17.2	-11.1	-14.3	-66.7	-100.0	-50.0	-19.5
<b>Year to date</b>									
Jan 2010 - Jun 2010	204	144	111	60	79	17	12	12	639
Jan 2009 - Jun 2009	209	133	155	58	92	33	13	6	699
% change	-2.4	8.3	-28.4	3.4	-14.1	-48.5	-7.7	100.0	-8.6
<b>12 months to date</b>									
Jul 2009 - Jun 2010	405	279	252	106	169	36	30	17	1,294
Jul 2008 - Jun 2009	404	271	310	107	193	44	49	12	1,390
% change	0.2	3.0	-18.7	-0.9	-12.4	-18.2	-38.8	41.7	-6.9
<b>Average annual % change over 5 years <sup>a</sup></b>									
YE June 2005 to YE June 2010	-3.5	-1.7	-2.0	-4.0	2.4	-5.3	-1.5	-2.0	-2.1

<sup>a</sup> Average annual percentage change based on the exponential trend for the last five 12-month periods

### Percentage change in fatal crashes in each State



† Percentage change between the two 12-month periods ending June 2010 and June 2009.



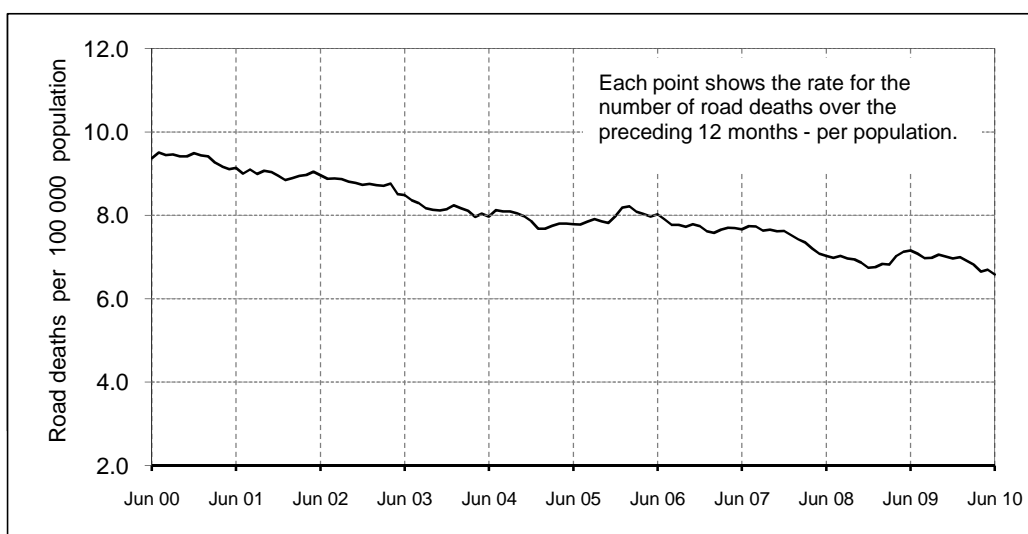
‡ Average annual percentage change based on the exponential trend from the year ending June 2005 to year ending June 2010.

## ROAD DEATH RATES

### Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>12-months to date</b>									
Jul 2009 - Jun 2010	6.3	5.5	6.0	7.2	8.1	8.9	13.2	5.6	6.4
Jul 2008 - Jun 2009	6.1	5.6	8.0	7.9	9.3	9.8	25.1	3.7	7.1
<b>Calendar year</b>									
2009	6.4	5.3	7.5	7.3	8.8	12.7	13.7	3.4	6.8
2004	7.6	6.9	8.0	9.0	9.0	12.0	17.3	2.7	7.9

### Australian road deaths per year per 100 000 population - moving 12-monthly data



## CHARACTERISTICS OF FATAL CRASHES

Proportion (per cent) of fatal crashes by speed limit, crash type, time of day, and day of week.  
Two years ended June 2010 and two years ended June 2005

	Speed limit (km/h) <sup>a</sup>			Time of Day	
	Up to 60	65-95	100+	Day	Night <sup>b</sup>
Jul 2008 - Jun 2010	31.5%	23.1%	45.3%	57.7%	42.3%
Jul 2003 - Jun 2005	32.3%	22.8%	44.9%	54.5%	45.5%
	Crash Type			Day of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end <sup>c</sup>
Jul 2008 - Jun 2010	14.2%	47.1%	38.7%	60.4%	39.6%
Jul 2003 - Jun 2005	15.3%	44.2%	40.4%	58.6%	41.4%

a Excludes ACT

b 6:00 pm to 5:59 am

c 6:00 pm Friday to 5:59 am Monday

# ROAD DEATHS BY AGE, GENDER AND ROAD USER GROUP

## Road deaths by age and gender for 12 months ended June 2010 and June 2009

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths <sup>a</sup>
<b>Males</b>							
Jul 2009 - Jun 2010	47	116	123	254	295	202	1,045
Jul 2008 - Jun 2009	56	145	159	301	270	171	1,102
% change	-16.1	-20.0	-22.6	-15.6	9.3	18.1	-5.2
<b>Females</b>							
Jul 2009 - Jun 2010	33	34	29	66	107	99	373
Jul 2008 - Jun 2009	37	69	36	75	102	113	432
% change	-10.8	-50.7	-19.4	-12.0	4.9	-12.4	-13.7
<b>Persons<sup>b</sup></b>							
Jul 2009 - Jun 2010	86	150	152	320	402	301	1,424
Jul 2008 - Jun 2009	95	214	195	376	372	284	1,536
% change	-9.5	-29.9	-22.1	-14.9	8.1	6.0	-7.3

a Includes road users with unstated age

b Includes road users with unstated gender

## Road deaths by age for each main road user group

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths <sup>a</sup>
<b>Occupants<sup>b</sup></b>							
Jul 2009 - Jun 2010	65	120	115	220	243	209	982
Jul 2008 - Jun 2009	75	167	144	228	229	190	1,033
% change	-13.3	-28.1	-20.1	-3.5	6.1	10.0	-4.9
<b>Motorcyclists<sup>c</sup></b>							
Jul 2009 - Jun 2010	2	15	23	66	104	10	222
Jul 2008 - Jun 2009	3	23	34	95	84	19	258
% change	-33.3	-34.8	-32.4	-30.5	23.8	-47.4	-14.0
<b>Pedestrians</b>							
Jul 2009 - Jun 2010	18	15	11	29	40	65	179
Jul 2008 - Jun 2009	14	22	14	43	50	67	210
% change	28.6	-31.8	-21.4	-32.6	-20.0	-3.0	-14.8

a Includes road users with unstated age

b Comprises drivers and passengers

c Includes pillion passengers

## TIME SERIES - QUARTERLY SUPPLEMENT

### Road deaths by road user group, 1995 to 2009

	<i>Drivers</i>	<i>Passengers</i>	<i>Pedestrians</i>	<i>Motor-cyclists<sup>a</sup></i>	<i>Cyclists</i>	<i>All road users<sup>b</sup></i>
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
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	759	336	229	239	39	1,602
2007	784	337	204	237	41	1,603
2008	673	303	190	245	28	1,441
2009	713	331	198	226	31	1,500

*a Includes pillion passengers*

*b Includes road users not separately specified*

### Road deaths by State/Territory, 1995 to 2009

	<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>
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
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	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	456	290	331	119	197	64	31	12	1,500

## DEATH RATES - QUARTERLY SUPPLEMENT

### Road death – Rates by State/Territory

	<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>
Per capita <sup>a</sup>									
2009	6.39	5.33	7.48	7.33	8.77	12.72	13.72	3.41	6.83
2004	7.60	6.89	7.97	9.02	8.98	12.01	17.32	2.75	7.86
Per registered vehicle <sup>b</sup>									
2009	1.00	0.72	1.01	0.98	1.08	1.60	2.41	0.49	0.96
2004	1.26	0.96	1.17	1.27	1.20	1.66	3.30	0.42	1.17

*a Annual deaths per 100,000 population: 2008 at June 30 (preliminary data); 2003 at June 30 (revised data) taken from ABS catalogue 3201.0*

*b Annual deaths per 10,000 registered motor vehicles at 31 March taken from ABS catalogue 9309.0.*



# DEATHS BY AGE AND ROAD USER GROUP - QUARTERLY SUPPLEMENT

Road deaths by road user group and age  
for 12 months ended June 2010, June 2009 and five year trend

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths <sup>d</sup>
<b>Drivers</b>							
Jul 2009 - Jun 2010	9	77	82	167	207	150	696
Jul 2008 - Jun 2009	6	95	92	177	191	132	693
% change	50.0	-18.9	-10.9	-5.6	8.4	13.6	0.4
Ave annual % change <sup>a</sup>							
YE Jun 2005 to YE Jun 2010	7.8	-5.6	-4.2	-3.2	0.9	-1.7	-2.3
<b>Passengers</b>							
Jul 2009 - Jun 2010	56	43	33	53	36	59	286
Jul 2008 - Jun 2009	69	72	52	51	38	58	340
% change	-18.8	-40.3	-36.5	3.9	-5.3	1.7	-15.9
Ave annual % change <sup>a</sup>							
YE Jun 2005 to YE Jun 2010	-1.6	-6.1	-1.3	2.4	-8.0	-3.9	-3.3
<b>Pedestrians</b>							
Jul 2009 - Jun 2010	18	15	11	29	40	65	179
Jul 2008 - Jun 2009	14	22	14	43	50	67	210
% change	28.6	-31.8	-21.4	-32.6	-20.0	-3.0	-14.8
Ave annual % change <sup>a</sup>							
YE Jun 2005 to YE Jun 2010	-5.9	2.9	-2.9	-3.4	1.5	-3.3	-2.0
<b>Motorcyclists<sup>d</sup></b>							
Jul 2009 - Jun 2010	2	15	23	66	104	10	222
Jul 2008 - Jun 2009	3	23	34	95	84	19	258
% change	-33.3	-34.8	-32.4	-30.5	23.8	-47.4	-14.0
Ave annual % change <sup>a</sup>							
YE Jun 2005 to YE Jun 2010	-15.9	-4.4	-12.7	-1.5	12.7	13.6	1.3
<b>Cyclists</b>							
Jul 2009 - Jun 2010	1	0	3	5	14	16	39
Jul 2008 - Jun 2009	3	1	3	10	9	7	33
<b>All road users<sup>c</sup></b>							
Jul 2009 - Jun 2010	86	150	152	320	402	301	1,424
Jul 2008 - Jun 2009	95	214	195	376	372	284	1,536
% change	-9.5	-29.9	-22.1	-14.9	8.1	6.0	-7.3
Ave annual % change <sup>a</sup>							
YE Jun 2005 to YE Jun 2010	-3.6	-5.1	-4.7	-2.3	1.8	-1.7	-2.0

a This represents the average annual exponential change between the annual count of 5-years ago and the current annual count

b Includes pillion passengers

c Includes road users not separately classified

d Includes deaths with unstated age

# DEATHS BY STATE / TERRITORY AND ROAD USER

## Road deaths by road user group and State/Territory for 12 months ended June 2010, June 2009 and five year trend

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Drivers</b>									
<i>Jul 2009 - Jun 2010</i>	207	150	139	62	92	22	16	8	696
<i>Jul 2008 - Jun 2009</i>	208	140	143	58	98	21	21	4	693
<i>% change</i>	-0.5	7.1	-2.8	6.9	-6.1	4.8	-23.8	-	0.4
<i>Ave annual % change<sup>a</sup></i>									
<i>Jun 2005 to Jun 2010</i>	-3.0	-3.9	-1.1	-5.7	2.0	-2.1	3.2	0.4	-2.3
<b>Passengers</b>									
<i>Jul 2009 - Jun 2010</i>	103	46	52	26	37	12	6	4	286
<i>Jul 2008 - Jun 2009</i>	88	54	80	37	40	16	20	5	340
<i>% change</i>	17.0	-14.8	-35.0	-29.7	-7.5	-25.0	-70.0	-	-15.9
<i>Ave annual % change<sup>a</sup></i>									
<i>Jun 2005 to Jun 2010</i>	-4.4	-9.4	-1.0	-1.1	-2.0	0.4	-1.6	-	-3.3
<b>Pedestrians</b>									
<i>Jul 2009 - Jun 2010</i>	61	44	31	8	26	3	5	1	179
<i>Jul 2008 - Jun 2009</i>	60	59	39	15	21	4	9	3	210
<i>% change</i>	1.7	-25.4	-20.5	-46.7	23.8	-25.0	-44.4	-	-14.8
<i>Ave annual % change<sup>a</sup></i>									
<i>Jun 2005 to Jun 2010</i>	-7.5	1.3	0.6	-5.4	0.9	-0.8	6.6	-4.3	-2.0
<b>Motorcyclists<sup>b</sup></b>									
<i>Jul 2009 - Jun 2010</i>	73	52	41	17	26	6	2	5	222
<i>Jul 2008 - Jun 2009</i>	65	38	81	17	43	7	6	1	258
<i>% change</i>	12.3	36.8	-49.4	0.0	-39.5	-14.3	-66.7	400.0	-14.0
<i>Ave annual % change<sup>a</sup></i>									
<i>Jun 2005 to Jun 2010</i>	1.0	-1.5	0.4	-2.3	10.7	1.2	-	-8.1	1.3
<b>Cyclists</b>									
<i>Jul 2009 - Jun 2010</i>	12	9	7	5	2	2	0	2	39
<i>Jul 2008 - Jun 2009</i>	11	10	8	1	2	1	0	0	33
<b>All road users<sup>c</sup></b>									
<i>Jul 2009 - Jun 2010</i>	456	301	270	118	184	45	30	20	1,424
<i>Jul 2008 - Jun 2009</i>	433	301	351	128	205	49	56	13	1,536
<i>% change</i>	5.3	0.0	-23.1	-7.8	-10.2	-8.2	-46.4	53.8	-7.3
<i>Ave annual % change<sup>a</sup></i>									
<i>Jun 2005 to Jun 2010</i>	-3.3	-3.8	-0.5	-4.4	1.9	-1.1	2.7	3.8	-2.0

<sup>a</sup> This represents the average annual exponential change between the annual count of 5-years ago and the current annual count

<sup>b</sup> Includes pillion passengers

<sup>c</sup> Includes road users not separately classified

# Appendix

## 1. Definition

The road safety agencies in each jurisdiction use detailed criteria to define road crashes and road deaths. Briefly, a death is classified as resulting from a road crash if the crash occurred on a public road, is unintentional and the death occurred within 30 days from injuries sustained in the crash.

Road deaths from recent months are preliminary and subject to revision.

## 2. Other sources for the tables in this bulletin

The underlying database used to produce this bulletin is available for online querying and data extraction at

[http://www.infrastructure.gov.au/roads/safety/road\\_fatality\\_statistics/fatal\\_road\\_crash\\_database.aspx](http://www.infrastructure.gov.au/roads/safety/road_fatality_statistics/fatal_road_crash_database.aspx)

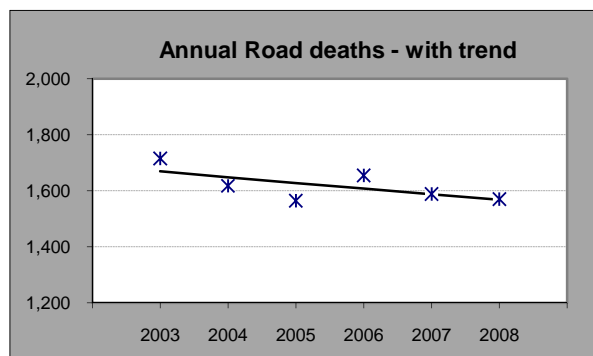
## 3. Estimation of five year trends

In this bulletin, the figures for the 'Average annual per cent change over 5 years' are calculated by fitting an exponential trend line to the last six data points (years 0 to 5).

The Excel function `—logest—` performs the fit. The resulting trend line represents a constant annual percent change over the period. An example is given below :

Example : Average Annual Change in Road Deaths

Road deaths - year ended March			% Change
	A	B	
0	2003	1,716	
1	2004	1,618	-5.7%
2	2005	1,565	-3.3%
3	2006	1,655	5.8%
4	2007	1,589	-4.0%
5	2008	1,571	-1.1%
Average =			-1.2%



$$\text{Average annual growth} = \text{Index}(\text{Logest}(B1:B6, A1:A6), 1) - 1 = -1.2\%$$