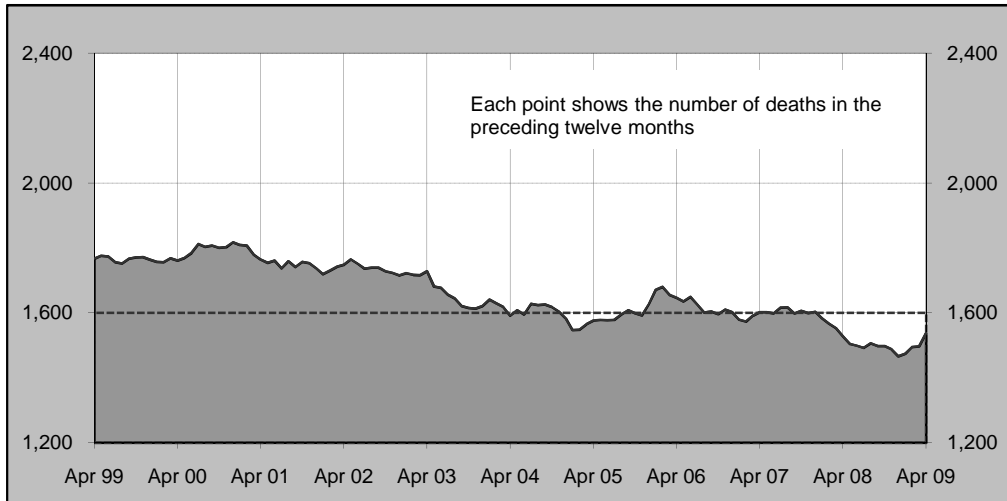




**Australian road deaths for 12 months to date — last 10 years**



**Inquiries**

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 Email: [roadsafety@infrastructure.gov.au](mailto:roadsafety@infrastructure.gov.au)  
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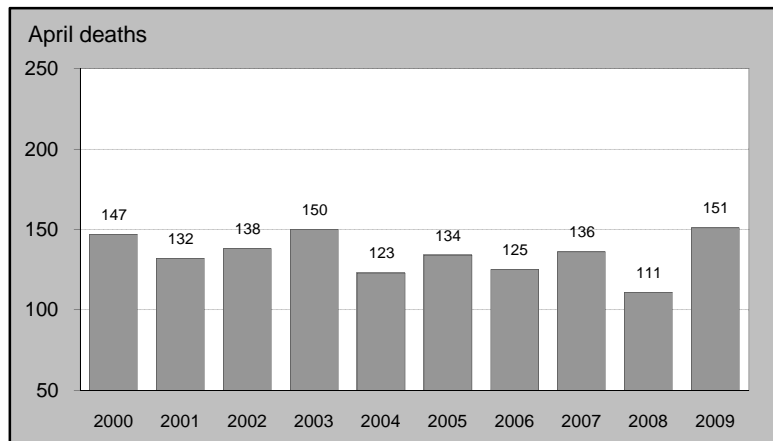
**Data Sources**

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 April — last 10 years**



**This month's key figures**

There was a total of 151 road deaths in April 2009.  
 - this is a 36.0 per cent increase over the April 2008 figure.

There have been 534 road deaths in 2009 to the end of April.  
 - this is a 15.3 per cent increase over the same 4 month period in 2008.

# NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

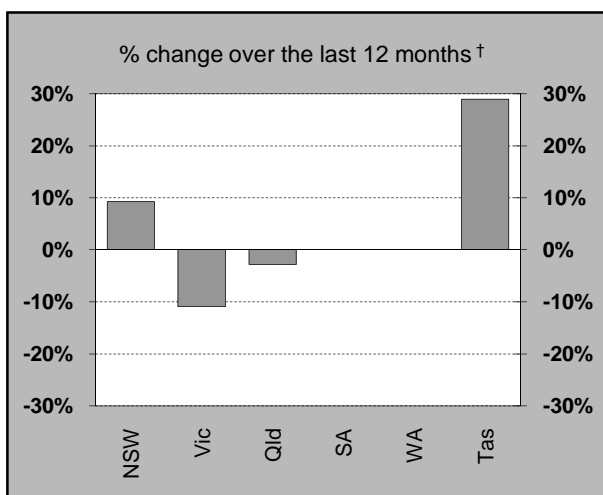
## Road deaths by State/Territory

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

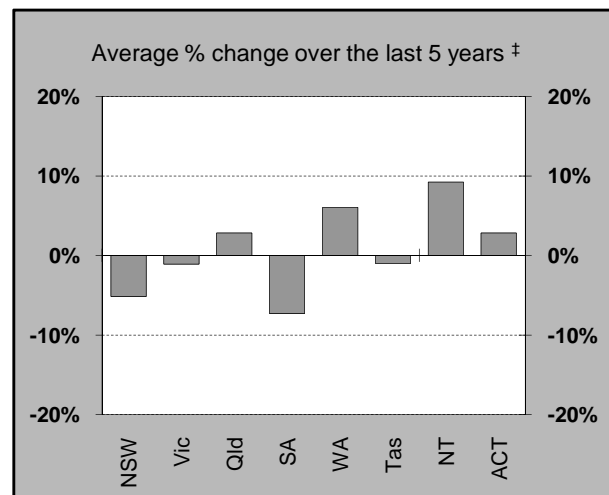
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Apr 2009	53	32	36	7	13	7	2	1	151
Apr 2008	29	25	26	9	14	3	4	1	111
% change	<b>82.8</b>	<b>28.0</b>	<b>38.5</b>	<b>-22.2</b>	<b>-7.1</b>	<b>133.3</b>	<b>-50.0</b>	<b>0.0</b>	<b>36.0</b>
<b>Year to date</b>									
Jan 2009 - Apr 2009	157	109	122	40	68	27	6	5	534
Jan 2008 - Apr 2008	118	110	106	30	63	18	15	3	463
% change	<b>33.1</b>	<b>-0.9</b>	<b>15.1</b>	<b>33.3</b>	<b>7.9</b>	<b>50.0</b>	<b>-60.0</b>	<b>66.7</b>	<b>15.3</b>
<b>12-months to date</b>									
May 2008 - Apr 2009	437	302	344	109	214	49	66	16	1,537
May 2007 - Apr 2008	400	339	354	109	214	38	62	12	1,528
Difference	37	-37	-10	0	0	11	4	4	9
% change	<b>9.3</b>	<b>-10.9</b>	<b>-2.8</b>	<b>0.0</b>	<b>0.0</b>	<b>28.9</b>	<b>6.5</b>	<b>33.3</b>	<b>0.6</b>
<b>Average annual % change over 5 years<sup>a</sup></b>									
YE April 2004 to YE April 2009	<b>-5.1</b>	<b>-1.1</b>	<b>2.8</b>	<b>-7.3</b>	<b>6.1</b>	<b>-1.0</b>	<b>9.2</b>	<b>2.8</b>	<b>-0.8</b>

<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 April 2009 and April 2008. NT and ACT not shown.



‡ Average annual percentage change based on the exponential trend from the year ending April 2004 to year ending April 2009.

# NUMBER OF DEATHS IN EACH ROAD USER GROUP

## Road deaths by road user group and gender

for 12 months ended April 2009, April 2008 and five year trend

	Drivers	Passengers	Pedestrians	Motor-cyclists <sup>a</sup>	Cyclists	All road users <sup>b</sup>
<b>Males</b>						
May 2008 - Apr 2009	521	175	144	235	30	1,108
May 2007 - Apr 2008	588	173	114	209	29	1,113
% change	-11.4	1.2	26.3	12.4	3.4	-0.4
<b>Females</b>						
May 2008 - Apr 2009	198	138	66	19	3	424
May 2007 - Apr 2008	161	153	77	20	3	414
% change	23.0	-9.8	-14.3	-5.0	0.0	2.4
<b>Persons<sup>c</sup></b>						
May 2008 - Apr 2009	720	318	210	254	33	1,537
May 2007 - Apr 2008	750	326	191	229	32	1,528
% change	-4.0	-2.5	9.9	10.9	3.1	0.6
<b>Average annual % change over 5 years<sup>d</sup></b>						
YE April 2004 to YE April 2009	-0.4	-3.9	-2.6	5.4	-2.5	-0.8

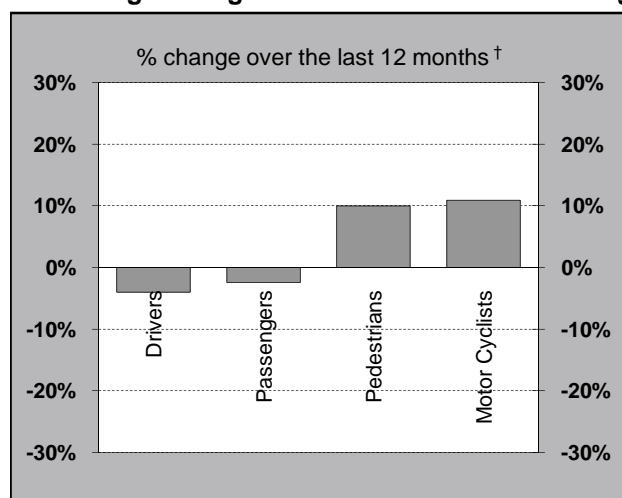
a Includes pillion passengers

b Includes road users not separately specified

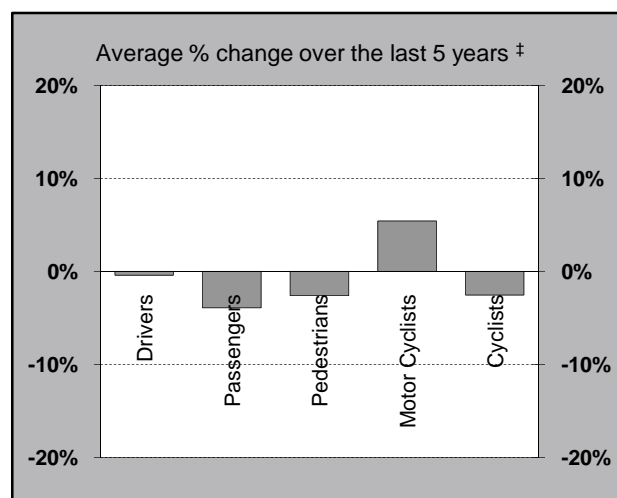
c Includes road users with unstated gender

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 April 2009 and April 2008. Cyclists not shown.

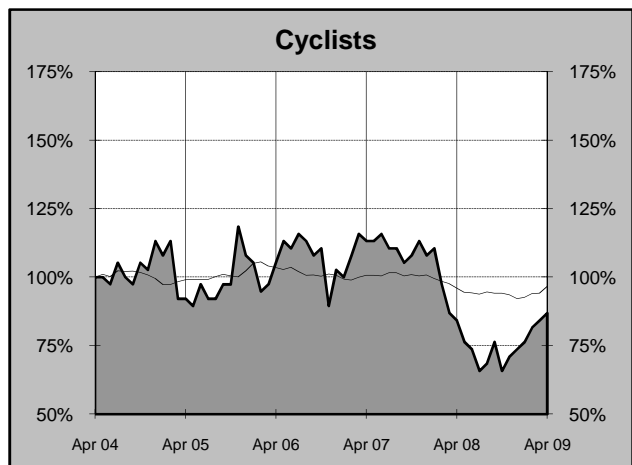
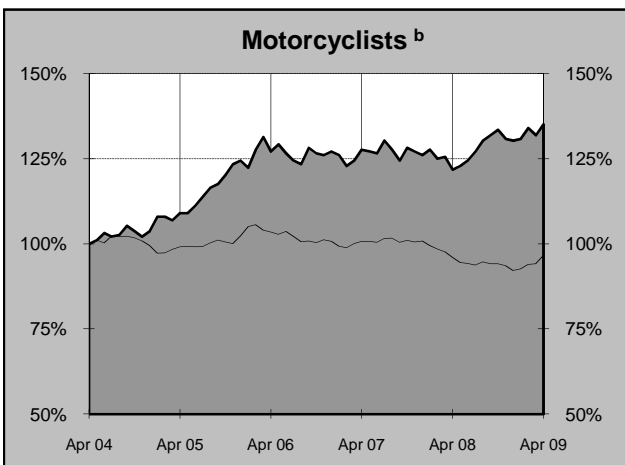
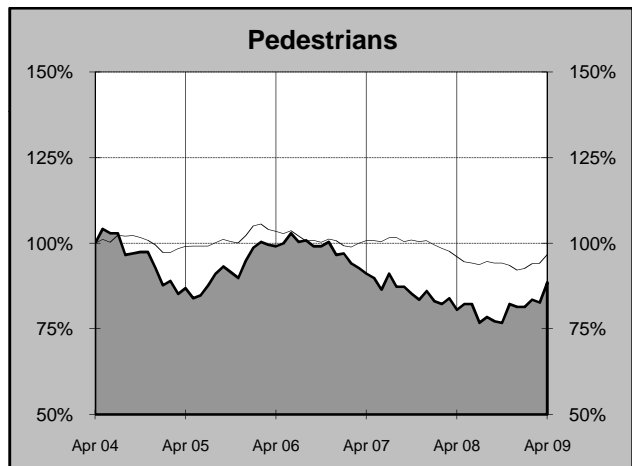
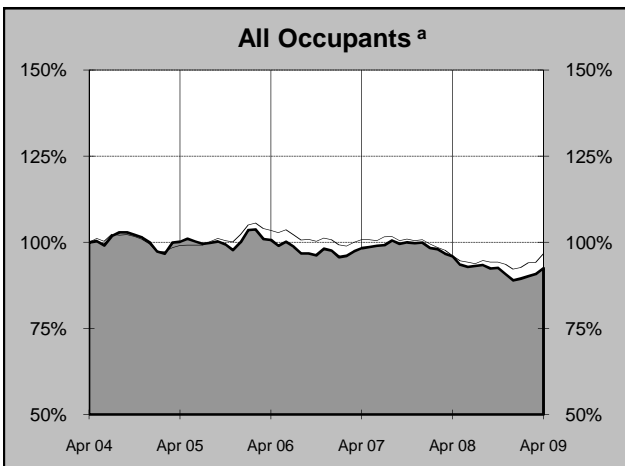
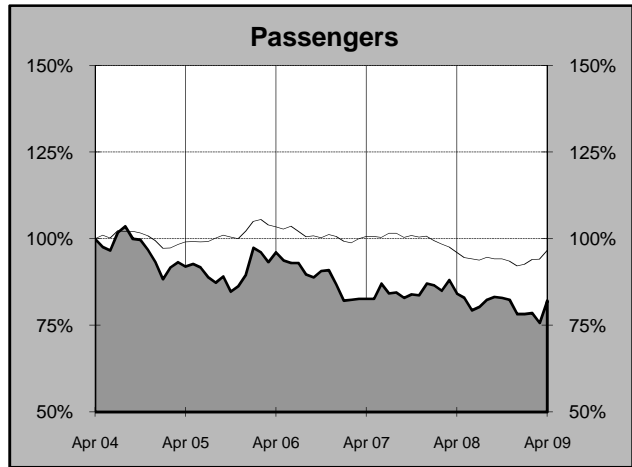
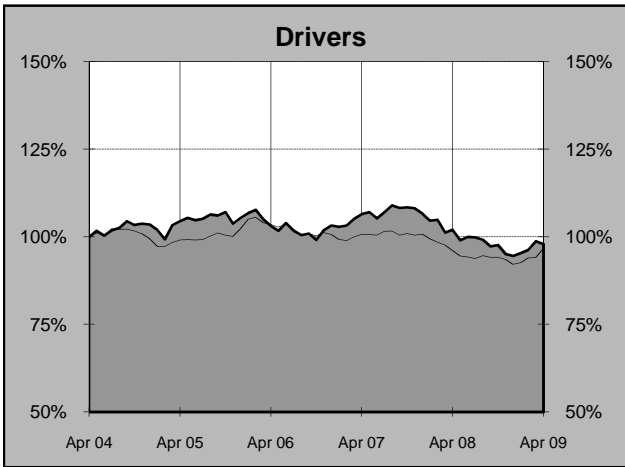
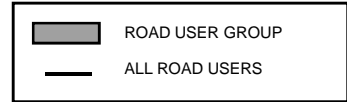


‡ Average annual percentage change based on the exponential trend from the year ending April 2004 to year ending April 2009.

# 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 April 2004.



a Comprises drivers and passengers

b Includes pillion passengers

# NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

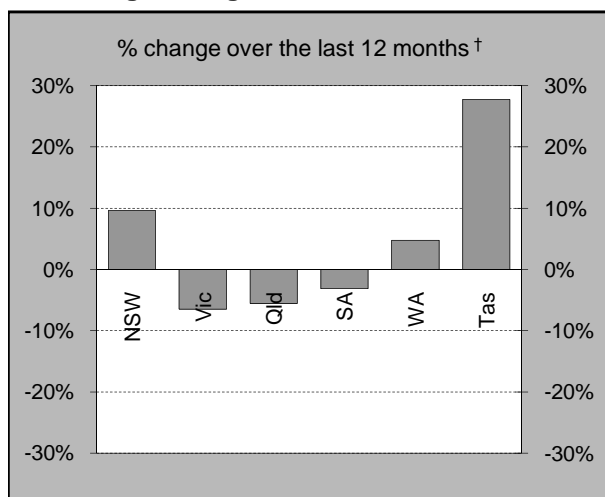
## Fatal crashes by State/Territory

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

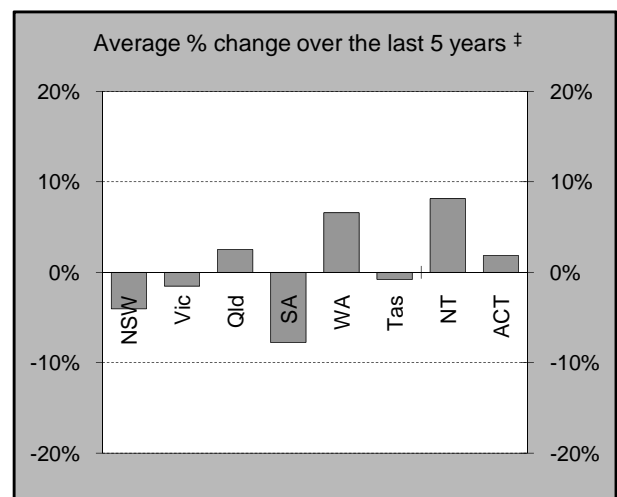
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Apr 2009	50	28	30	5	11	6	2	1	133
Apr 2008	28	23	25	9	13	2	4	1	105
% change	78.6	21.7	20.0	-44.4	-15.4	200.0	-50.0	0.0	26.7
<b>Year to date</b>									
Jan 2009 - Apr 2009	146	97	106	33	64	25	6	4	481
Jan 2008 - Apr 2008	112	100	92	27	55	17	15	3	421
% change	30.4	-3.0	15.2	22.2	16.4	47.1	-60.0	33.3	14.3
<b>12 months to date</b>									
May 2008 - Apr 2009	411	275	308	93	198	46	58	15	1,404
May 2007 - Apr 2008	375	294	326	96	189	36	52	12	1,380
% change	9.6	-6.5	-5.5	-3.1	4.8	27.8	11.5	25.0	1.7
<b>Average annual % change over 5 years<sup>a</sup></b>									
YE April 2004 to YE April 2009	-4.0	-1.5	2.5	-7.7	6.6	-0.8	8.2	1.8	-0.6

<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 April 2009 and April 2008.  
NT and ACT not shown.



‡ Average annual percentage change based on the exponential trend from the year ending April 2004 to year ending April 2009.

## FATAL CRASHES INVOLVING TRUCKS OR BUSES

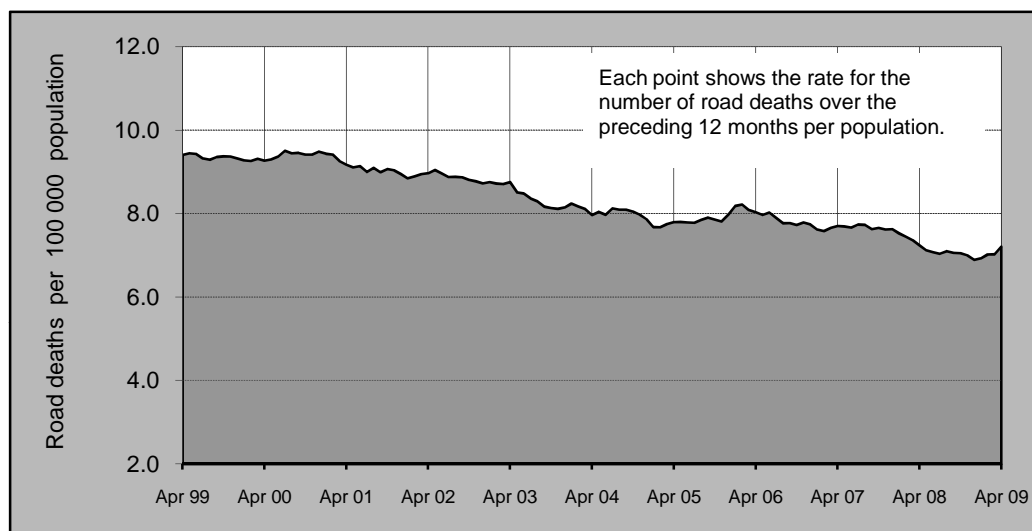
Analysis of fatal crashes involving heavy vehicles is now published in a separate quarterly bulletin.

## ROAD DEATH RATES

### Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>12-months to date</b>									
May 2008 - Apr 2009	6.3	5.7	8.0	6.8	9.9	9.8	30.0	4.7	7.2
May 2007 - Apr 2008	5.8	6.5	8.4	6.9	10.1	7.7	28.6	3.5	7.2
<b>Calendar year</b>									
2008	5.7	5.7	7.7	6.2	9.7	8.0	34.1	4.1	6.9
2003	8.1	6.7	8.1	10.3	9.2	8.6	26.5	3.4	8.1

### 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 time of week. Two years ended April 2009 and two years ended April 2004

	Speed limit (km/h) <sup>a</sup>			Time of Day	
	Up to 60	65-95	100+	Day	Night <sup>b</sup>
May 2007 - Apr 2009	31.9%	23.7%	44.4%	56.6%	43.4%
May 2002 - Apr 2004	30.7%	22.4%	46.8%	56.2%	43.8%
	Crash Type			Time of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end <sup>c</sup>
May 2007 - Apr 2009	14.3%	48.0%	37.8%	60.3%	39.7%
May 2002 - Apr 2004	15.9%	44.4%	39.7%	60.1%	39.9%

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 April 2009 and April 2008

	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>							
May 2008 - Apr 2009	53	139	164	299	277	169	1,107
May 2007 - Apr 2008	52	150	156	303	274	176	1,113
% change	1.9	-7.3	5.1	-1.3	1.1	-4.0	-0.5
<b>Females</b>							
May 2008 - Apr 2009	30	66	29	74	111	113	424
May 2007 - Apr 2008	48	36	41	78	100	108	414
% change	-37.5	83.3	-29.3	-5.1	11.0	4.6	2.4
<b>Persons<sup>b</sup></b>							
May 2008 - Apr 2009	88	205	193	373	388	282	1,537
May 2007 - Apr 2008	100	186	197	381	374	284	1,528
% change	-12.0	10.2	-2.0	-2.1	3.7	-0.7	0.6

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>							
May 2008 - Apr 2009	67	149	135	222	243	192	1,017
May 2007 - Apr 2008	68	153	136	260	245	219	1,085
% change	-1.5	-2.6	-0.7	-14.6	-0.8	-12.3	-6.3
<b>Motorcyclists<sup>c</sup></b>							
May 2008 - Apr 2009	2	23	38	89	74	20	246
May 2007 - Apr 2008	7	23	32	86	74	14	236
% change	-71.4	0.0	18.8	3.5	0.0	42.9	4.2
<b>Pedestrians</b>							
May 2008 - Apr 2009	15	19	16	39	46	59	195
May 2007 - Apr 2008	16	9	18	41	50	63	199
% change	-6.3	111.1	-11.1	-4.9	-8.0	-6.3	-2.0

a Includes road users with unstated age

b Comprises drivers and passengers

c Includes pillion passengers

## 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)

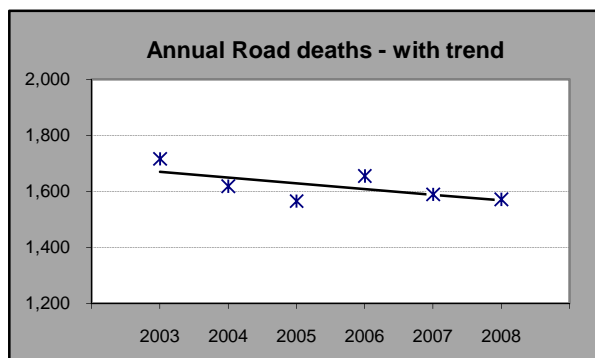
## 3. Estimation of five year trends

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%



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