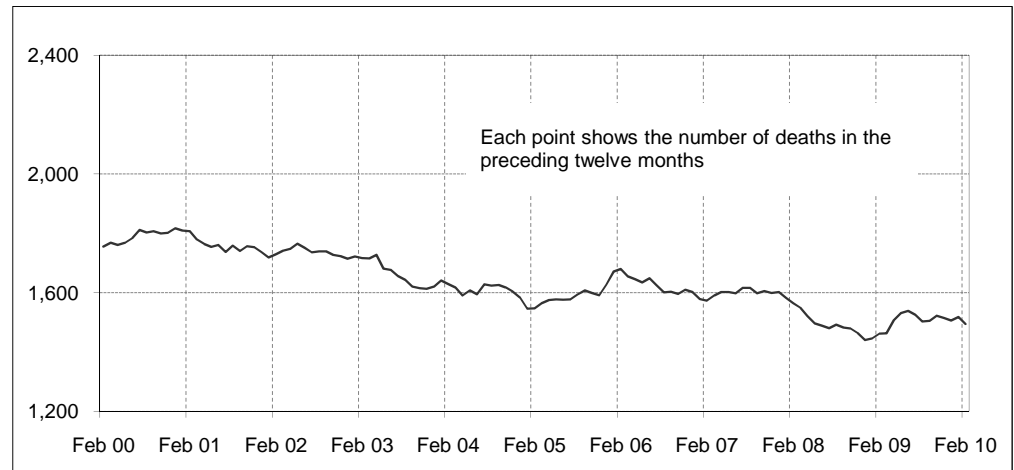



**Australian road deaths for 12 months to date — last 10 years**
**Inquiries**

For further information about data in this bulletin, contact:

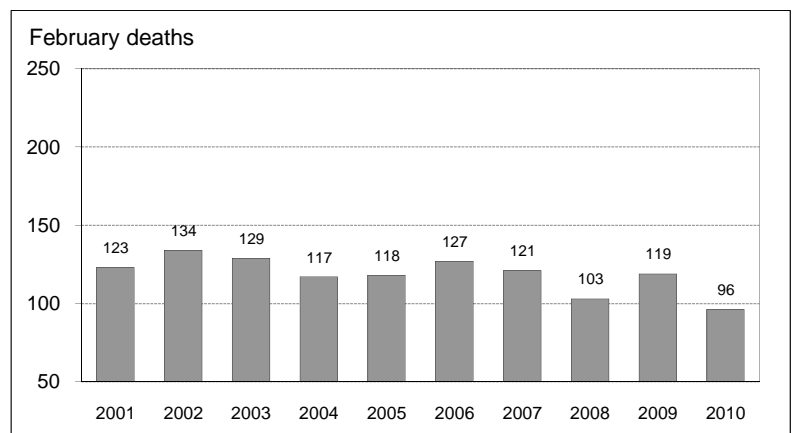
Infrastructure, Surface Transport & Road Safety Statistics  
 Bureau of Infrastructure, Transport and Regional Economics  
 Department of Infrastructure, Transport,  
 Regional Development and Local Government  
 GPO Box 594,  
 Canberra, ACT 2601  
 Email: [roadsafety@infrastructure.gov.au](mailto:roadsafety@infrastructure.gov.au)  
 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 February — last 10 years**
**This month's key figures**

There was a total of 96 road deaths in February 2010.

- this is a 19.3 per cent decrease from the February 2009 figure.

There have been 225 road deaths in 2010 to the end of February.

- this is a 4.7 per cent decrease from the same 2 month period in 2009.

# NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

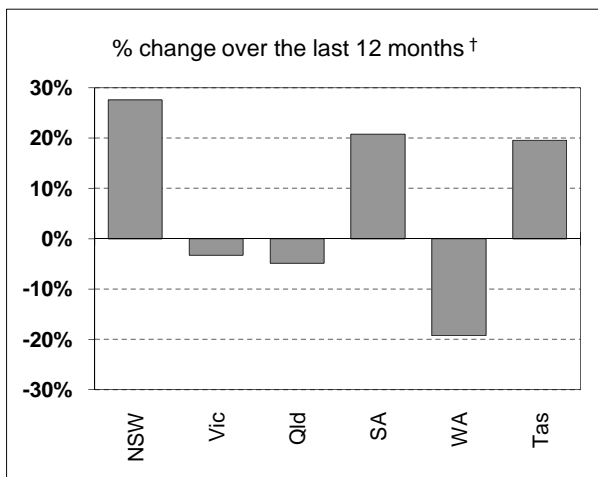
## Road deaths by State/Territory

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

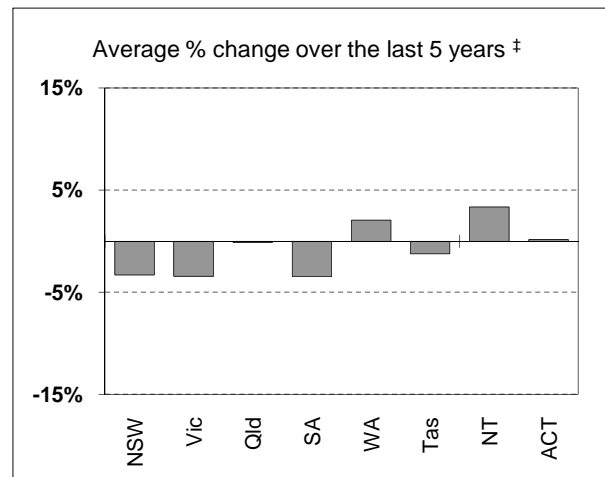
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Feb 2010	33	26	20	9	3	2	1	2	96
Feb 2009	34	18	26	15	22	4	0	0	119
% change	-2.9	44.4	-23.1	-40.0	-86.4	-50.0	-	-	-19.3
<b>Year to date</b>									
Jan 2010 - Feb 2010	78	53	35	30	15	6	5	3	225
Jan 2009 - Feb 2009	60	49	53	21	36	15	2	0	236
% change	30.0	8.2	-34.0	42.9	-58.3	-60.0	150.0	-	-4.7
<b>12-months to date</b>									
Mar 2009 - Feb 2010	481	294	313	128	176	55	34	15	1,496
Mar 2008 - Feb 2009	377	304	329	106	218	46	70	12	1,462
Difference	104	-10	-16	22	-42	9	-36	3	34
% change	27.6	-3.3	-4.9	20.8	-19.3	19.6	-51.4	25.0	2.3
<b>Average annual % change over 5 years<sup>a</sup></b>									
YE February 2005 to YE February 2010	-3.3	-3.4	-0.1	-3.5	2.0	-1.2	3.3	0.1	-1.7

<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 February 2010 and February 2009. NT and ACT not shown.



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

# NUMBER OF DEATHS IN EACH ROAD USER GROUP

## Road deaths by road user group and gender

for 12 months ended February 2010, February 2009 and five year trend

	Drivers	Passengers	Pedestrians	Motor-cyclists <sup>a</sup>	Cyclists	All road users <sup>b</sup>
<b>Males</b>						
Mar 2009 - Feb 2010	529	184	143	210	28	1,095
Mar 2008 - Feb 2009	489	167	134	234	29	1,055
% change	8.2	10.2	6.7	-10.3	-3.4	3.8
<b>Females</b>						
Mar 2009 - Feb 2010	183	141	56	11	5	397
Mar 2008 - Feb 2009	190	135	61	17	2	405
% change	-3.7	4.4	-8.2	-35.3	150.0	-2.0
<b>Persons<sup>c</sup></b>						
Mar 2009 - Feb 2010	712	328	200	221	33	1,496
Mar 2008 - Feb 2009	679	304	195	251	31	1,462
% change	4.9	7.9	2.6	-12.0	6.5	2.3
<b>Average annual % change over 5 years<sup>d</sup></b>						
YE February 2005 to YE February 2010	-1.6	-2.8	-2.9	1.7	-5.2	-1.7

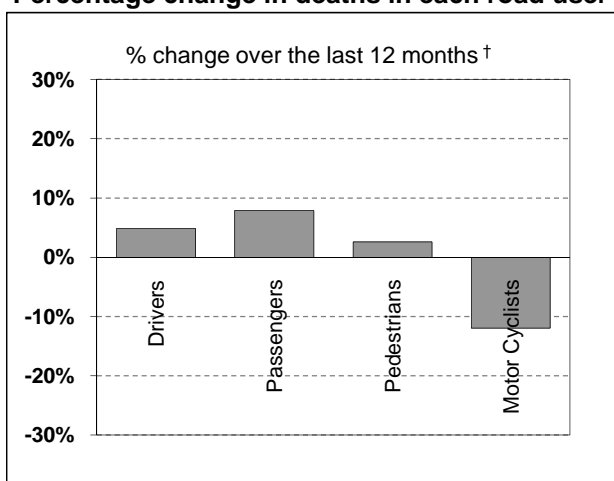
a Includes pillion passengers

b Includes road users not separately specified

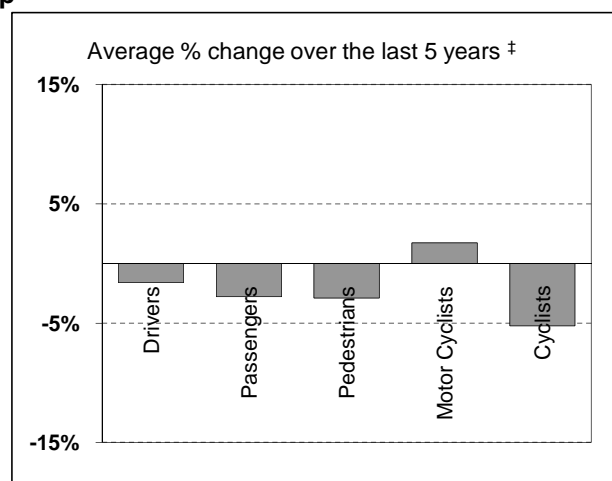
c Includes road users with unstated gender

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 February 2010 and February 2009. Cyclists not shown.

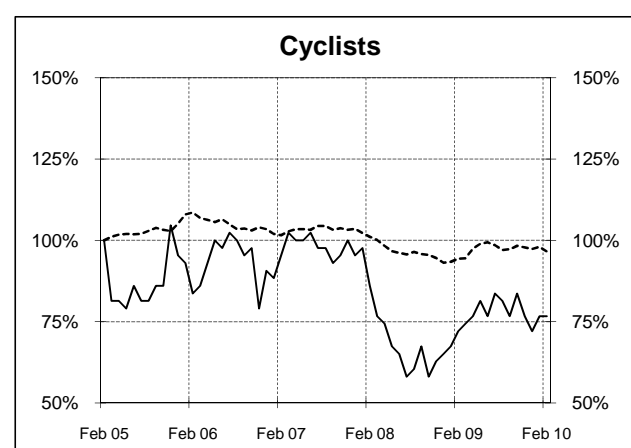
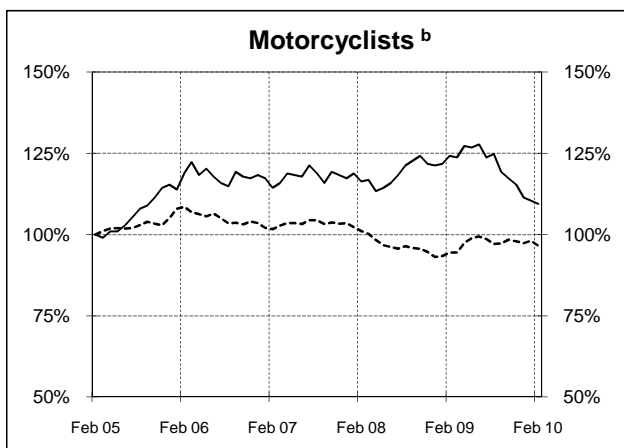
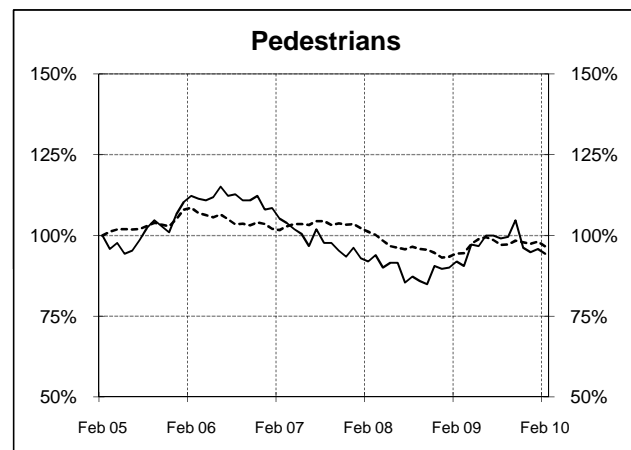
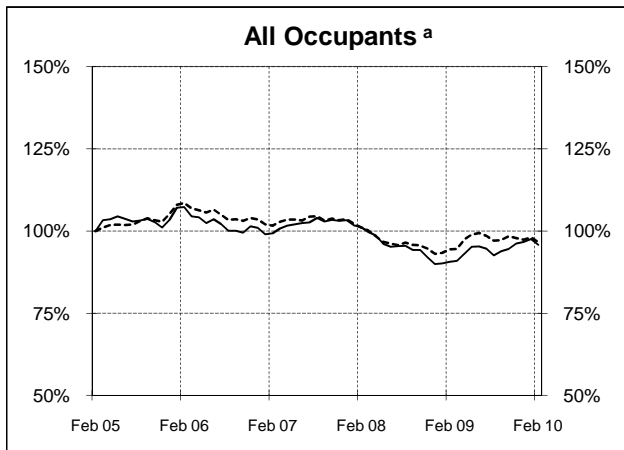
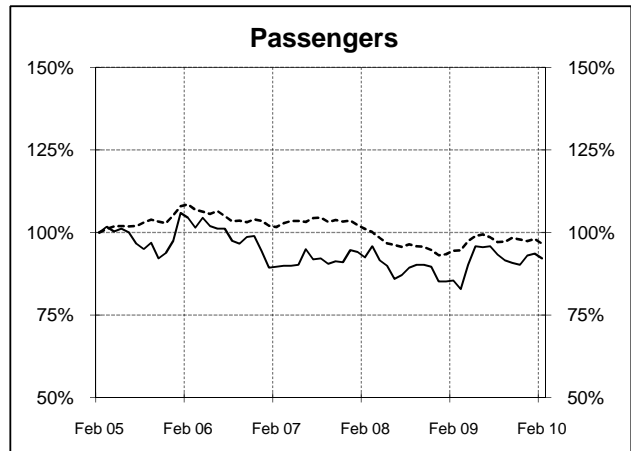
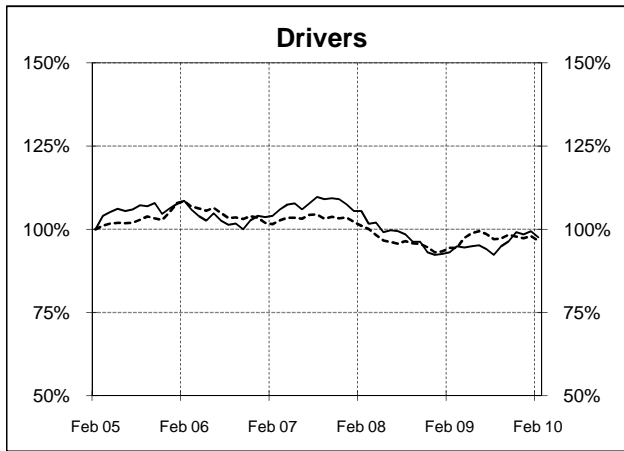
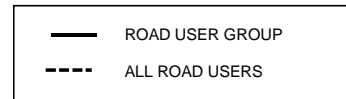


‡ Average annual percentage change based on the exponential trend from the year ending February 2005 to year ending February 2010.

# 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 February 2005.



a Comprises drivers and passengers

b Includes pillion passengers

# NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

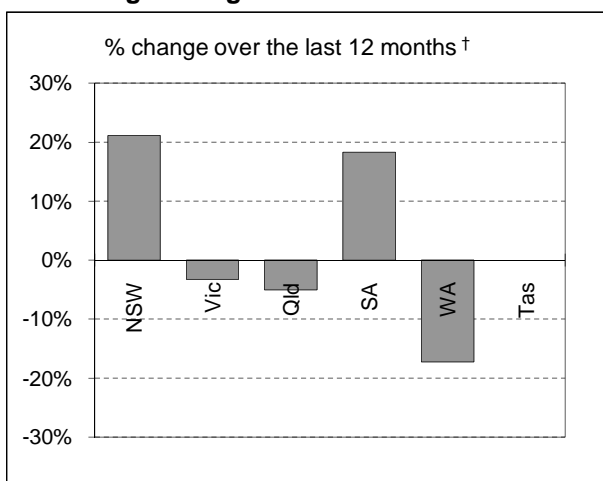
## Fatal crashes by State/Territory

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

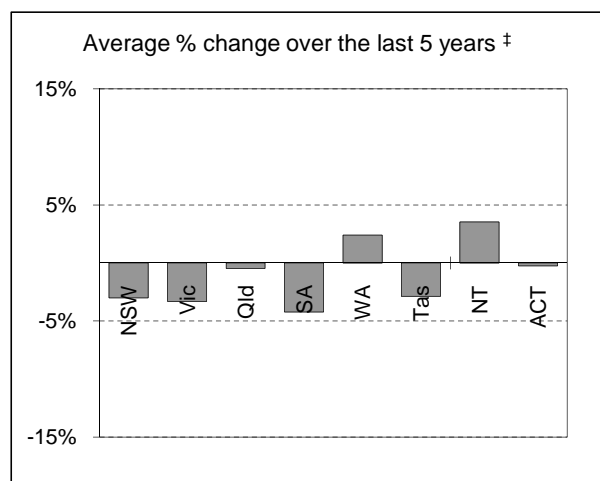
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Feb 2010	30	25	18	9	3	2	1	2	90
Feb 2009	31	18	22	11	20	4	0	0	106
% change	-3.2	38.9	-18.2	-18.2	-85.0	-50.0	-	-	-15.1
<b>Year to date</b>									
Jan 2010 - Feb 2010	68	45	32	23	14	5	5	3	195
Jan 2009 - Feb 2009	55	44	46	17	33	14	2	0	211
% change	23.6	2.3	-30.4	35.3	-57.6	-64.3	150.0	-	-7.6
<b>12 months to date</b>									
Mar 2009 - Feb 2010	430	269	282	110	163	43	34	14	1,345
Mar 2008 - Feb 2009	355	278	297	93	197	43	62	12	1,337
% change	21.1	-3.2	-5.1	18.3	-17.3	0.0	-45.2	16.7	0.6
<b>Average annual % change over 5 years<sup>a</sup></b>									
YE February 2005 to YE February 2010	-3.0	-3.3	-0.5	-4.2	2.4	-2.9	3.5	-0.2	-1.7

<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 February 2010 and February 2009.



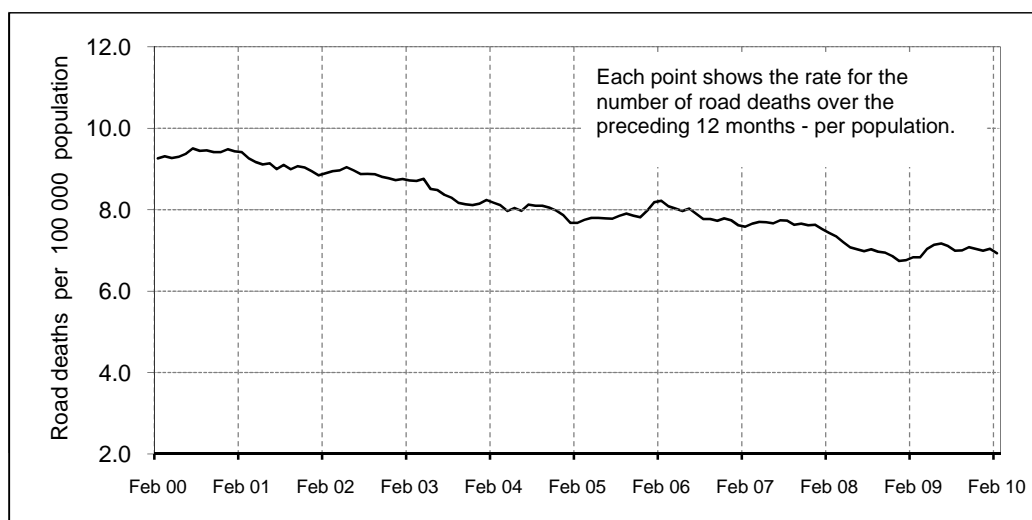
‡ Average annual percentage change based on the exponential trend from the year ending February 2005 to year ending February 2010.

## ROAD DEATH RATES

### Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>12-months to date</b>									
Mar 2009 - Feb 2010	6.8	5.4	7.1	7.9	7.9	10.9	15.1	4.3	6.8
Mar 2008 - Feb 2009	5.4	5.7	7.6	6.6	10.0	9.2	31.8	3.5	6.8
<b>Calendar year</b>									
2009	6.5	5.3	7.5	7.3	8.8	12.7	13.8	3.4	6.9
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 February 2010 and two years ended February 2005

	Speed limit (km/h) <sup>a</sup>			Time of Day	
	Up to 60	65-95	100+	Day	Night <sup>b</sup>
Mar 2008 - Feb 2010	31.6%	23.6%	44.8%	56.9%	43.1%
Mar 2003 - Feb 2005	32.9%	22.6%	44.6%	55.2%	44.8%
	Crash Type			Day of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end <sup>c</sup>
Mar 2008 - Feb 2010	14.4%	48.3%	37.2%	59.7%	40.3%
Mar 2003 - Feb 2005	15.4%	44.2%	40.5%	58.5%	41.5%

<sup>a</sup> Excludes ACT

<sup>b</sup> 6:00 pm to 5:59 am

<sup>c</sup> 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 February 2010 and February 2009

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	<b>All deaths<sup>a</sup></b>
<b>Males</b>							
Mar 2009 - Feb 2010	59	128	135	273	283	210	1,095
Mar 2008 - Feb 2009	54	138	161	286	253	163	1,055
% change	<b>9.3</b>	<b>-7.2</b>	<b>-16.1</b>	<b>-4.5</b>	<b>11.9</b>	<b>28.8</b>	<b>3.8</b>
<b>Females</b>							
Mar 2009 - Feb 2010	44	47	33	72	101	99	397
Mar 2008 - Feb 2009	35	57	29	71	108	105	405
% change	<b>25.7</b>	<b>-17.5</b>	<b>13.8</b>	<b>1.4</b>	<b>-6.5</b>	<b>-5.7</b>	<b>-2.0</b>
<b>Persons<sup>b</sup></b>							
Mar 2009 - Feb 2010	107	175	168	345	384	309	1,496
Mar 2008 - Feb 2009	91	195	190	357	361	268	1,462
% change	<b>17.6</b>	<b>-10.3</b>	<b>-11.6</b>	<b>-3.4</b>	<b>6.4</b>	<b>15.3</b>	<b>2.3</b>

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	<b>All deaths<sup>a</sup></b>
<b>Occupants<sup>b</sup></b>							
Mar 2009 - Feb 2010	83	142	136	223	246	205	1040
Mar 2008 - Feb 2009	73	149	133	219	228	181	983
% change	<b>13.7</b>	<b>-4.7</b>	<b>2.3</b>	<b>1.8</b>	<b>7.9</b>	<b>13.3</b>	<b>5.8</b>
<b>Motorcyclists<sup>c</sup></b>							
Mar 2009 - Feb 2010	3	16	21	79	90	12	221
Mar 2008 - Feb 2009	2	25	36	90	79	19	251
% change	<b>50.0</b>	<b>-36.0</b>	<b>-41.7</b>	<b>-12.2</b>	<b>13.9</b>	<b>-36.8</b>	<b>-12.0</b>
<b>Pedestrians</b>							
Mar 2009 - Feb 2010	19	17	10	39	38	75	200
Mar 2008 - Feb 2009	14	19	18	38	45	61	195
% change	<b>35.7</b>	<b>-10.5</b>	<b>-44.4</b>	<b>2.6</b>	<b>-15.6</b>	<b>23.0</b>	<b>2.6</b>

a Includes road users with unstated age

b Comprises drivers and passengers

c Includes pillion passengers

# 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)

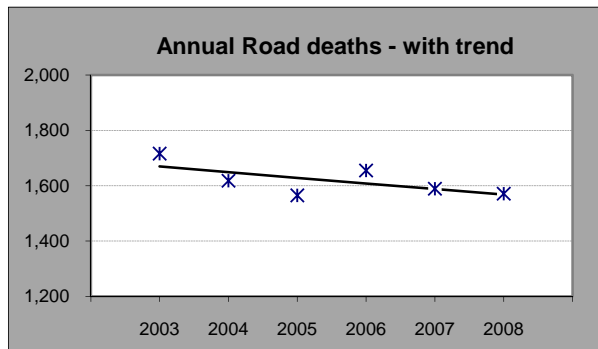
## 3. Estimation of five year trends

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%



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