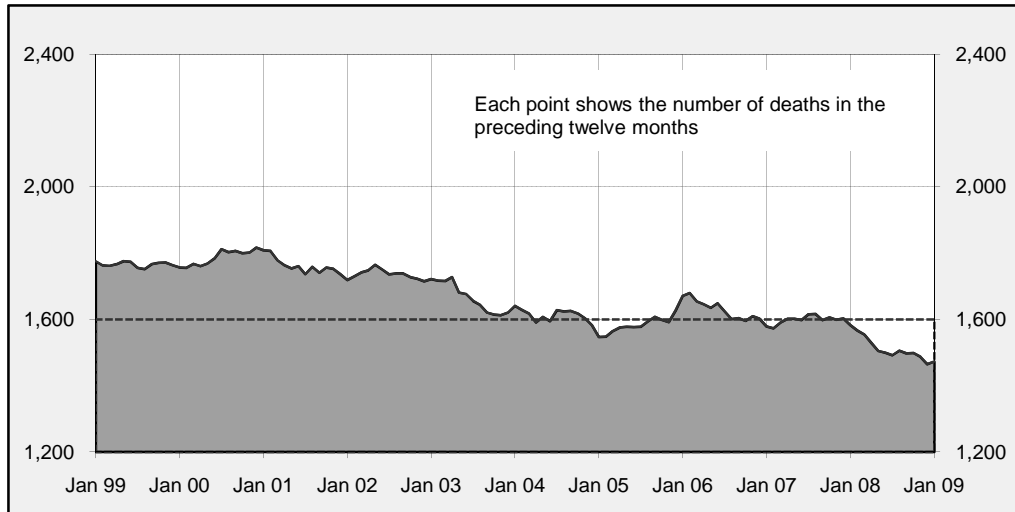




### Australian road deaths for 12 months to date — last 10 years



#### Inquiries

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 Canberra, ACT 2601  
 Email: [roadsafety@infrastructure.gov.au](mailto:roadsafety@infrastructure.gov.au)  
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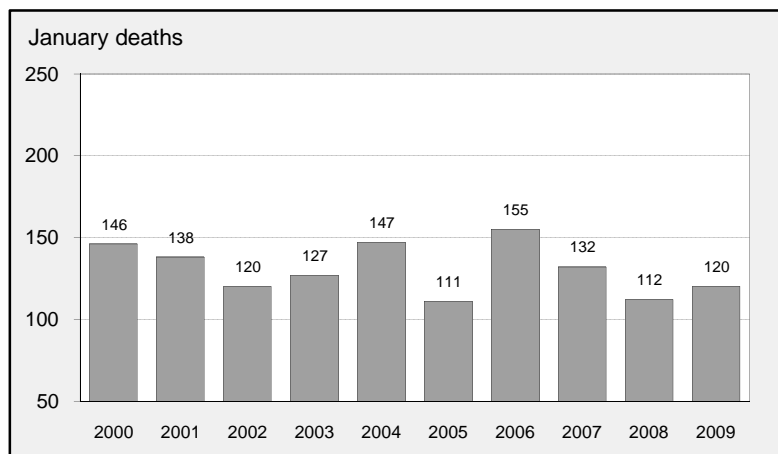
#### Data Sources

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 January — last 10 years



### This month's key figures

There was a total of 120 road deaths in January 2009.  
 - this is a 7.1 per cent increase over the January 2008 figure.

During the 12 months ended January 2009, there was a total of 1,473 deaths.  
 - this is a 6.9 per cent decrease from the 12 month period ended January 2008.

# NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

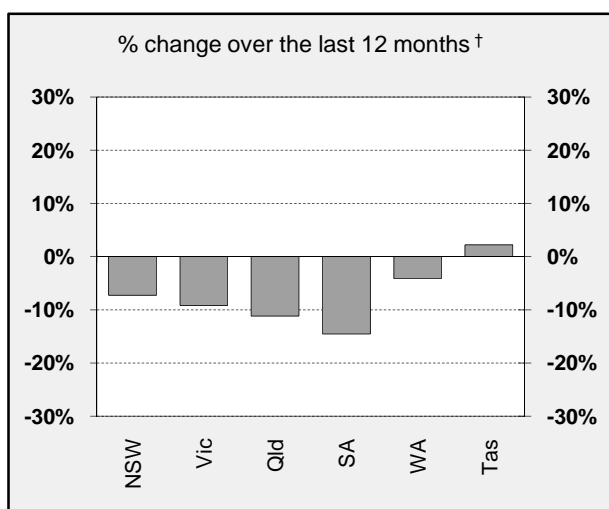
## Road deaths by State/Territory

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

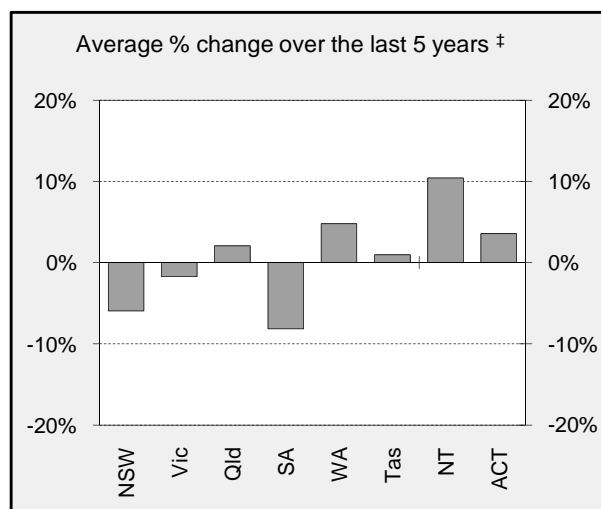
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Jan 2009	28	31	27	6	15	11	2	0	120
Jan 2008	28	28	28	5	15	5	2	1	112
% change	0.0	10.7	-3.6	20.0	0.0	120.0	0.0	-100.0	7.1
<b>Year to date</b>									
Jan 2009 - Jan 2009	28	31	27	6	15	11	2	0	120
Jan 2008 - Jan 2008	28	28	28	5	15	5	2	1	112
% change	0.0	10.7	-3.6	20.0	0.0	120.0	0.0	-100.0	7.1
<b>12-months to date</b>									
Feb 2008 - Jan 2009	398	306	326	100	209	46	75	13	1,473
Feb 2007 - Jan 2008	429	337	367	117	218	45	55	15	1,583
Difference	-31	-31	-41	-17	-9	1	20	-2	-110
% change	-7.2	-9.2	-11.2	-14.5	-4.1	2.2	36.4	-13.3	-6.9
<b>Average annual % change over 5 years<sup>a</sup></b>									
YE January 2004 to YE January 2009	-5.9	-1.7	2.1	-8.1	4.8	1.0	10.4	3.6	-1.5

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



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

# NUMBER OF DEATHS IN EACH ROAD USER GROUP

## Road deaths by road user group and gender

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

	Drivers	Passengers	Pedestrians	Motor-cyclists <sup>a</sup>	Cyclists	All road users <sup>b</sup>
<b>Males</b>						
Feb 2008 - Jan 2009	515	167	132	231	26	1,073
Feb 2007 - Jan 2008	604	179	119	220	39	1,161
% change	-14.7	-6.7	10.9	5.0	-33.3	-7.6
<b>Females</b>						
Feb 2008 - Jan 2009	184	134	61	17	2	398
Feb 2007 - Jan 2008	164	156	78	20	3	421
% change	12.2	-14.1	-21.8	-15.0	-33.3	-5.5
<b>Persons<sup>c</sup></b>						
Feb 2008 - Jan 2009	699	303	193	248	28	1,473
Feb 2007 - Jan 2008	769	335	197	240	42	1,583
% change	-9.1	-9.6	-2.0	3.3	-33.3	-6.9
<b>Average annual % change over 5 years<sup>d</sup></b>						
YE January 2004 to YE January 2009	-1.1	-5.2	-3.5	6.0	-0.4	-1.5

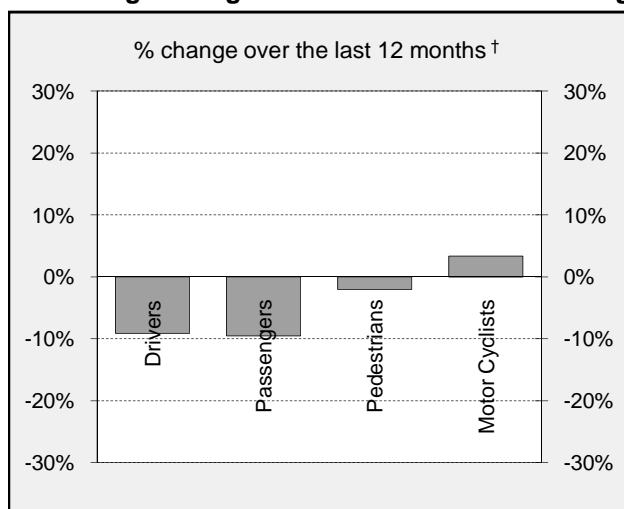
<sup>a</sup> Includes pillion passengers

<sup>b</sup> Includes road users not separately specified

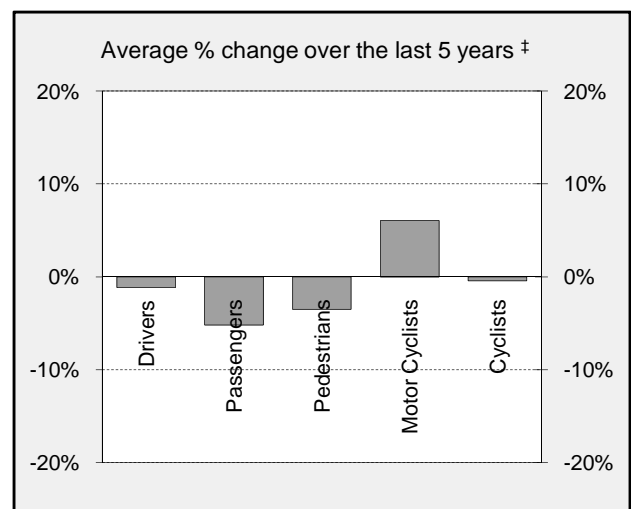
<sup>c</sup> Includes road users with unstated gender

<sup>d</sup> 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 January 2009 and January 2008. Cyclists not shown.

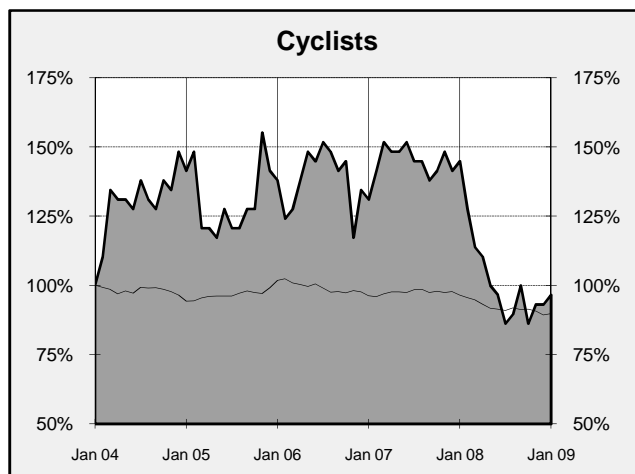
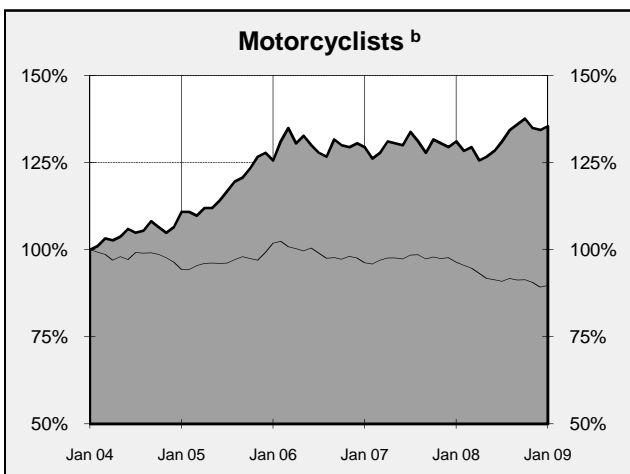
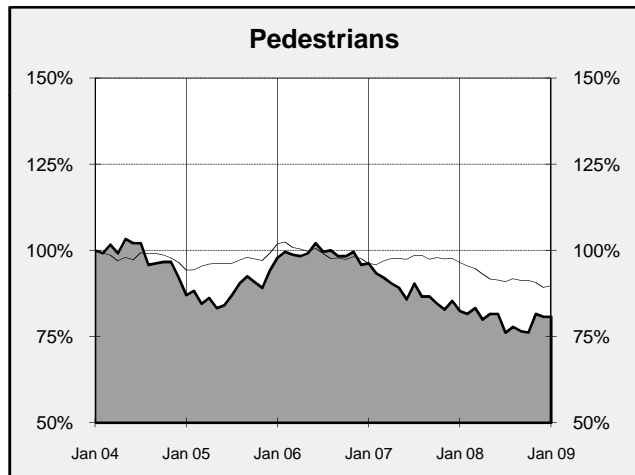
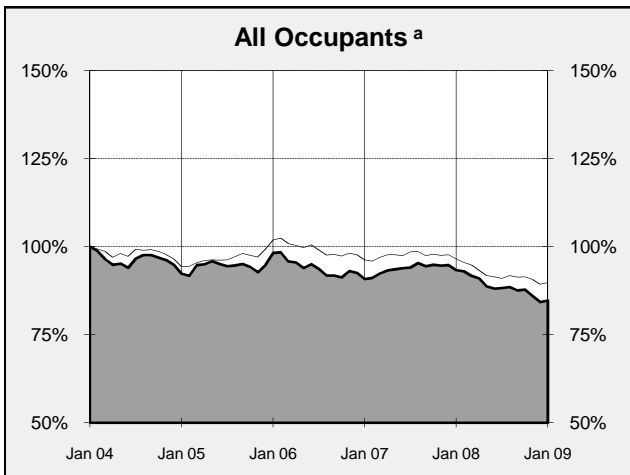
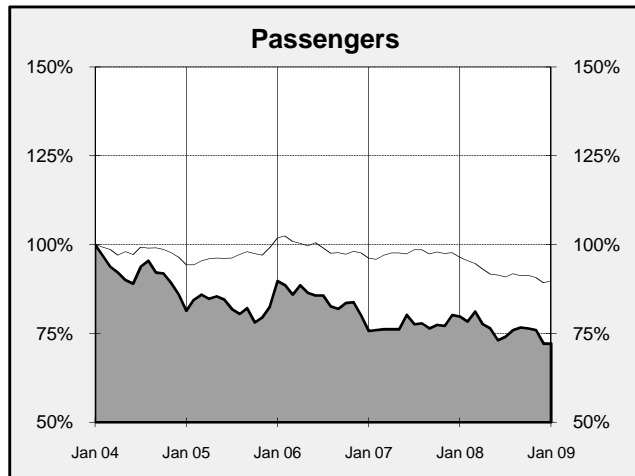
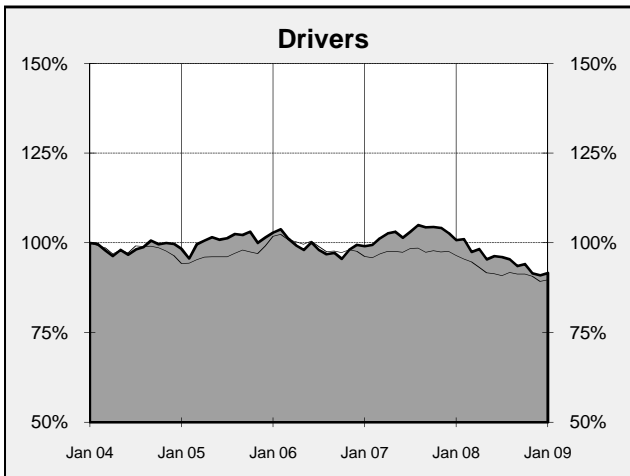
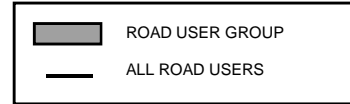


‡ Average annual percentage change based on the exponential trend from the year ending January 2004 to year ending January 2009.

# 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 January 2004.



*a* Comprises drivers and passengers

*b* Includes pillion passengers

# NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

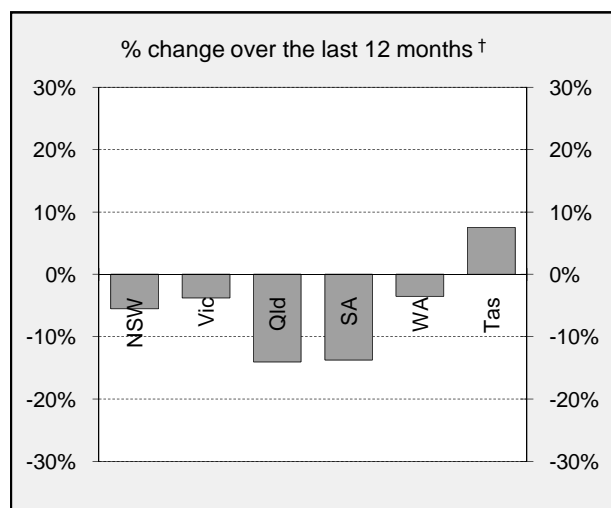
## Fatal crashes by State/Territory

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

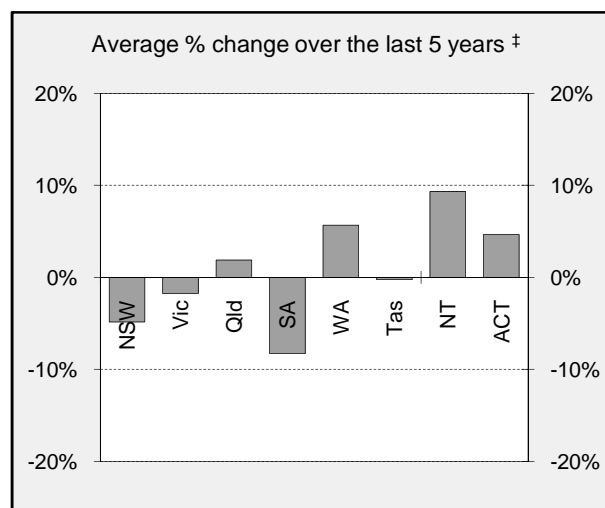
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>Current month</b>									
Jan 2009	26	26	24	6	15	10	2	0	109
Jan 2008	26	24	23	5	13	5	2	1	99
% change	0.0	8.3	4.3	20.0	15.4	100.0	0.0	-100.0	10.1
<b>Year to date</b>									
Jan 2009 - Jan 2009	26	26	24	6	15	10	2	0	109
Jan 2008 - Jan 2008	26	24	23	5	13	5	2	1	99
% change	0.0	8.3	4.3	20.0	15.4	100.0	0.0	-100.0	10.1
<b>12 months to date</b>									
Feb 2008 - Jan 2009	377	280	294	88	191	43	67	13	1,353
Feb 2007 - Jan 2008	399	291	342	102	198	40	45	15	1,432
% change	-5.5	-3.8	-14.0	-13.7	-3.5	7.5	48.9	-13.3	-5.5
<b>Average annual % change over 5 years<sup>a</sup></b>									
YE January 2004 to YE January 2009	-4.8	-1.7	1.9	-8.3	5.7	-0.2	9.3	4.7	-1.1

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



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

## FATAL CRASHES INVOLVING TRUCKS OR BUSES

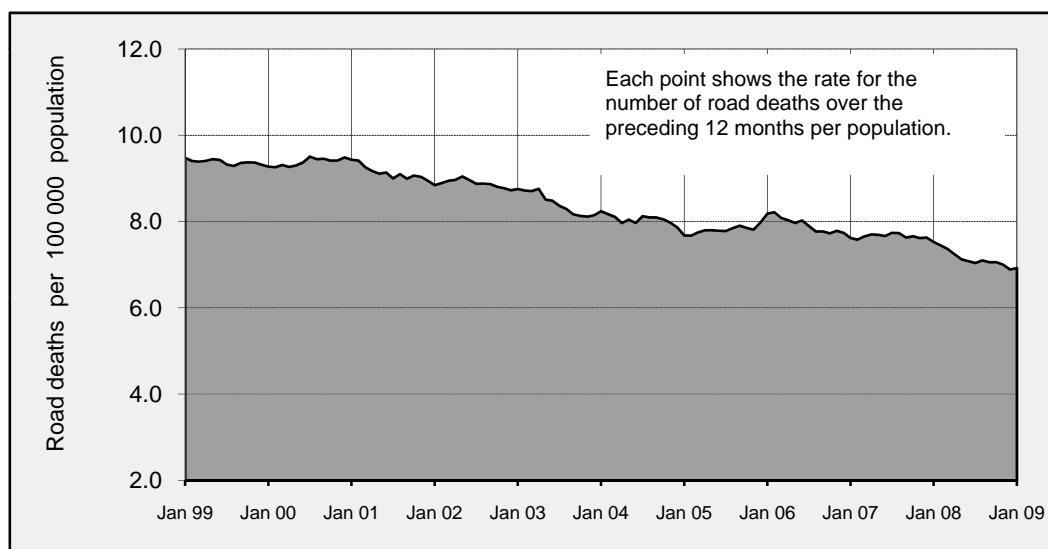
Analysis of fatal crashes involving heavy vehicles is now published in a separate quarterly bulletin.

## ROAD DEATH RATES

### Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
<b>12-months to date</b>									
Feb 2008 - Jan 2009	5.7	5.8	7.6	6.2	9.7	9.2	34.1	3.8	6.9
Feb 2007 - Jan 2008	6.2	6.5	8.8	7.4	10.3	9.1	25.5	4.4	7.5
<b>Calendar year</b>									
2008	5.7	5.7	7.6	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 January 2009 and two years ended January 2004

	Speed limit (km/h) <sup>a</sup>			Time of Day	
	Up to 60	65-95	100+	Day	Night <sup>b</sup>
Feb 2007 - Jan 2009	32.2%	22.7%	45.1%	56.5%	43.5%
Feb 2002 - Jan 2004	30.8%	22.7%	46.5%	56.3%	43.7%
	Crash Type			Time of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end <sup>c</sup>
Feb 2007 - Jan 2009	13.9%	47.7%	38.4%	59.7%	40.3%
Feb 2002 - Jan 2004	15.8%	44.7%	39.5%	60.2%	39.8%

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 January 2009 and January 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>							
Feb 2008 - Jan 2009	53	137	159	279	266	177	1,073
Feb 2007 - Jan 2008	56	159	150	326	285	182	1,161
% change	-5.4	-13.8	6.0	-14.4	-6.7	-2.7	-7.6
<b>Females</b>							
Feb 2008 - Jan 2009	35	51	27	69	108	106	398
Feb 2007 - Jan 2008	44	42	39	76	98	118	421
% change	-20.5	21.4	-30.8	-9.2	10.2	-10.2	-5.5
<b>Persons<sup>b</sup></b>							
Feb 2008 - Jan 2009	89	188	186	348	374	283	1,473
Feb 2007 - Jan 2008	100	201	189	402	383	300	1,583
% change	-11.0	-6.5	-1.6	-13.4	-2.3	-5.7	-6.9

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>							
Feb 2008 - Jan 2009	74	144	131	218	237	193	1,002
Feb 2007 - Jan 2008	65	166	132	269	247	219	1,104
% change	13.8	-13.3	-0.8	-19.0	-4.0	-11.9	-9.2
<b>Motorcyclists<sup>c</sup></b>							
Feb 2008 - Jan 2009	1	26	34	86	81	20	248
Feb 2007 - Jan 2008	8	23	38	85	69	17	240
% change	-87.5	13.0	-10.5	1.2	17.4	17.6	3.3
<b>Pedestrians</b>							
Feb 2008 - Jan 2009	12	16	18	36	48	63	193
Feb 2007 - Jan 2008	17	10	17	39	50	62	197
% change	-29.4	60.0	5.9	-7.7	-4.0	1.6	-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, and the death occurred within 30 days from injuries sustained in the crash. If it is determined that a crash was deliberate (for example suicide), the crash and deaths are excluded from this bulletin.

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)

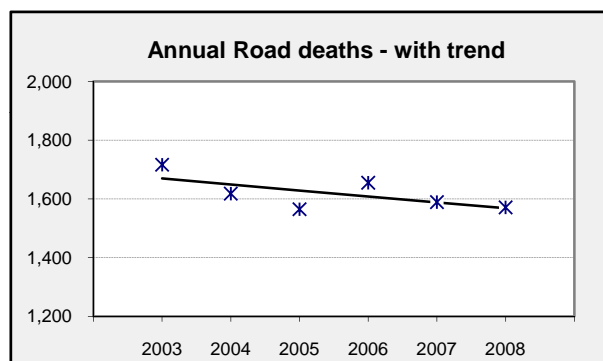
## 3. Estimation of five year trends

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