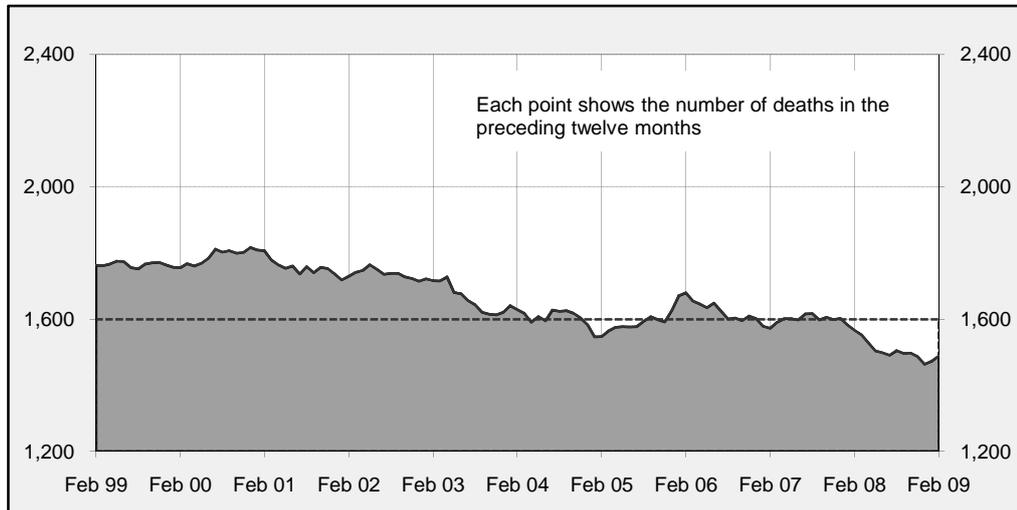




Australian road deaths for 12 months to date — last 10 years



Inquiries

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 Road Safety Branch
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 Canberra, ACT 2601
 Email: roadsafety@infrastructure.gov.au
 Internet: www.infrastructure.gov.au

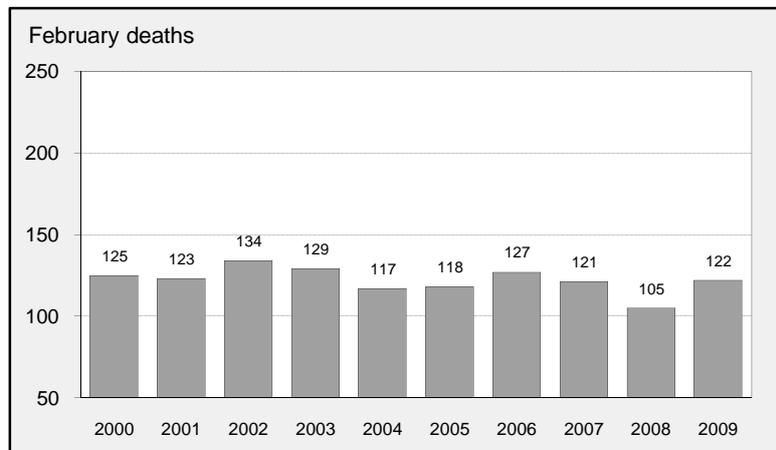
Data Sources

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 122 road deaths in February 2009.
 - this is a 16.2 per cent increase over the February 2008 figure.

There have been 243 road deaths in 2009 to the end of February.
 - this is a 12.0 per cent increase over the same 2 month period in 2008.

NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

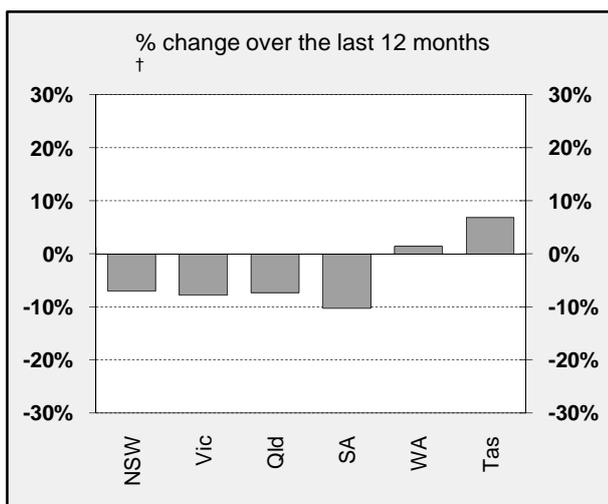
Road deaths by State/Territory

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

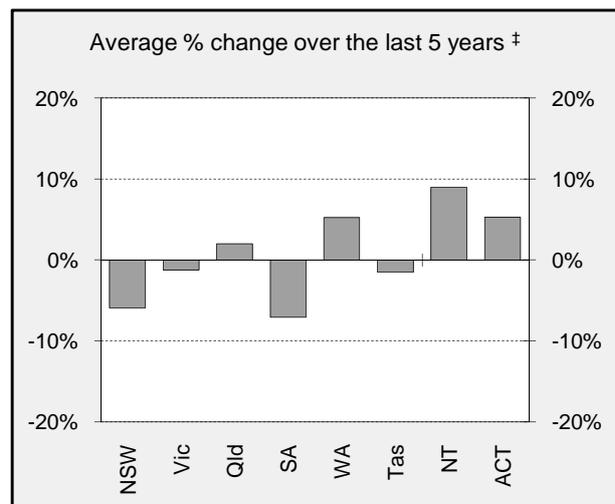
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Feb 2009	33	22	27	14	21	4	0	1	122
Feb 2008	31	20	24	9	12	3	5	1	105
% change	6.5	10.0	12.5	55.6	75.0	33.3	-100.0	0.0	16.2
Year to date									
Jan 2009 - Feb 2009	62	53	54	20	36	15	2	1	243
Jan 2008 - Feb 2008	59	48	52	14	27	8	7	2	217
% change	5.1	10.4	3.8	42.9	33.3	87.5	-71.4	-50.0	12.0
12-months to date									
Mar 2008 - Feb 2009	400	308	329	105	218	47	70	13	1,490
Mar 2007 - Feb 2008	430	334	355	117	215	44	57	15	1,567
Difference	-30	-26	-26	-12	3	3	13	-2	-77
% change	-7.0	-7.8	-7.3	-10.3	1.4	6.8	22.8	-13.3	-4.9
Average annual % change over 5 years^a									
YE February 2004 to YE February 2009	-5.9	-1.2	2.0	-7.1	5.2	-1.5	9.0	5.3	-1.3

^a 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 2009 and February 2008.
NT and ACT not shown.



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

NUMBER OF DEATHS IN EACH ROAD USER GROUP

Road deaths by road user group and gender

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

	Drivers	Passengers	Pedestrians	Motor-cyclists ^a	Cyclists	All road users ^b
Males						
Mar 2008 - Feb 2009	510	165	135	234	27	1,074
Mar 2007 - Feb 2008	606	177	116	216	35	1,150
% change	-15.8	-6.8	16.4	8.3	-22.9	-6.6
Females						
Mar 2008 - Feb 2009	189	136	61	17	2	405
Mar 2007 - Feb 2008	164	152	79	19	2	416
% change	15.2	-10.5	-22.8	-10.5	0.0	-2.6
Persons^c						
Mar 2008 - Feb 2009	702	308	197	251	29	1,490
Mar 2007 - Feb 2008	771	329	195	235	37	1,567
% change	-8.9	-6.4	1.0	6.8	-21.6	-4.9
Average annual % change over 5 years^d						
YE February 2004 to YE February 2009	-0.8	-4.9	-3.4	5.7	-2.3	-1.4

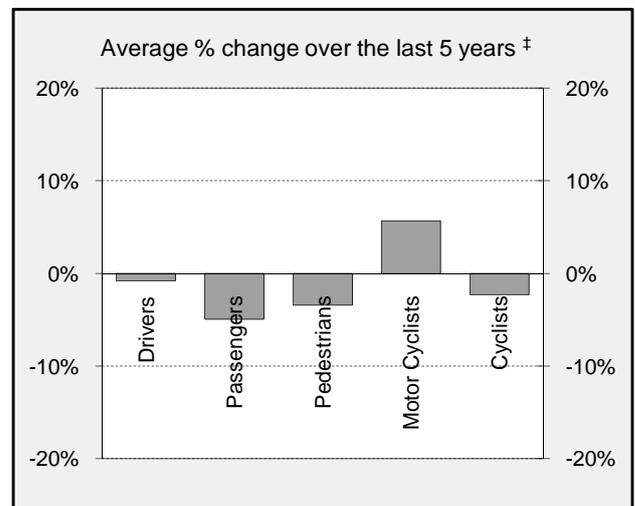
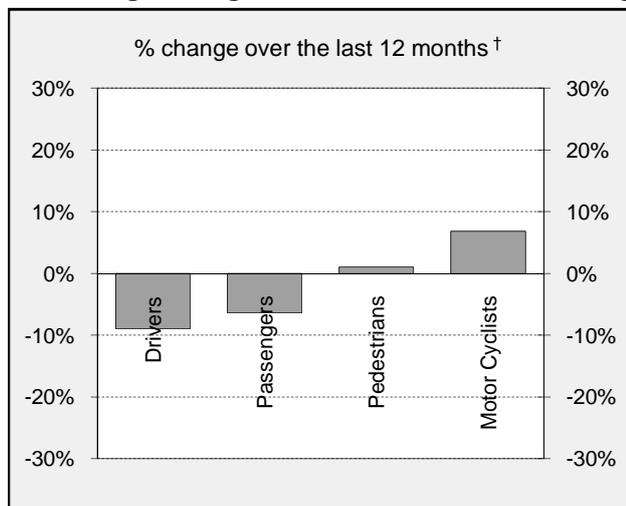
^a Includes pillion passengers

^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



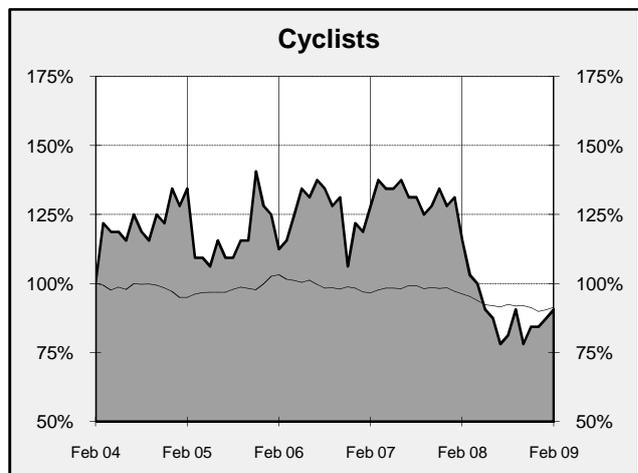
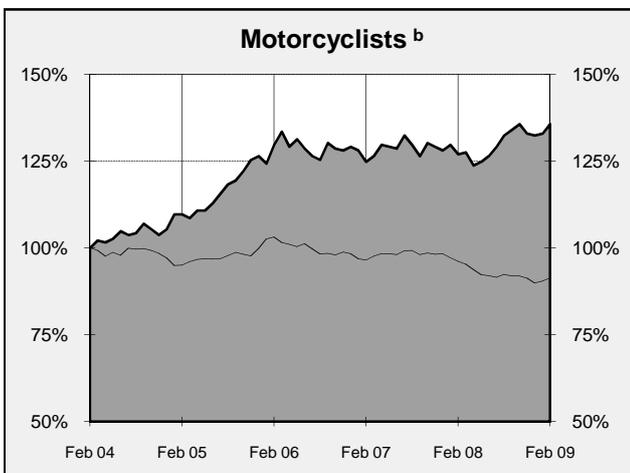
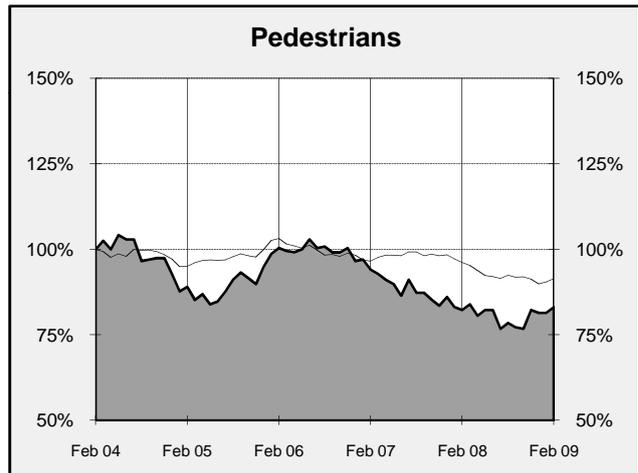
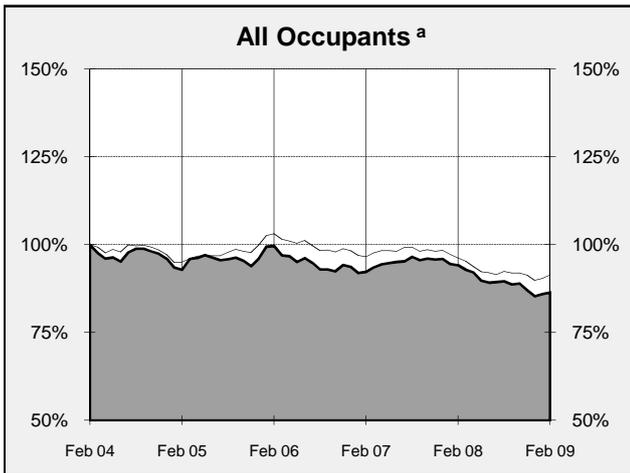
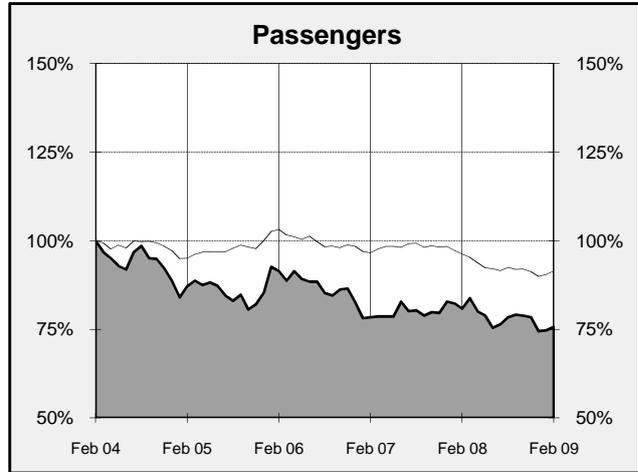
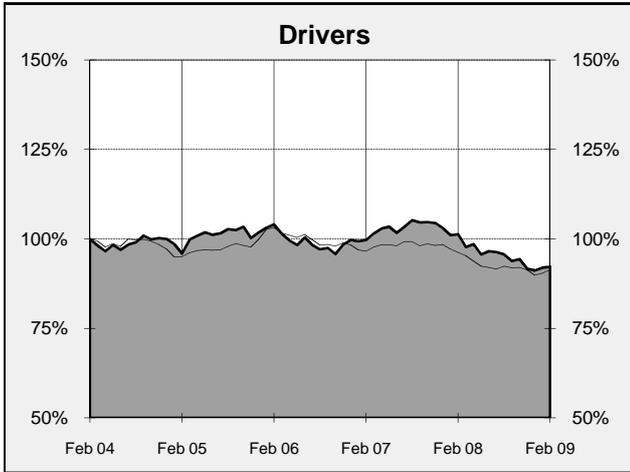
† Percentage change between the two 12-month periods ending February 2009 and February 2008. Cyclists not shown.

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



a Comprises drivers and passengers

b Includes pillion passengers

NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

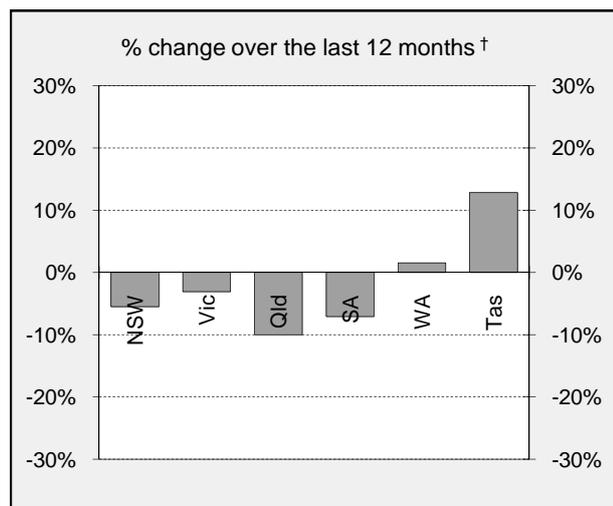
Fatal crashes by State/Territory

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

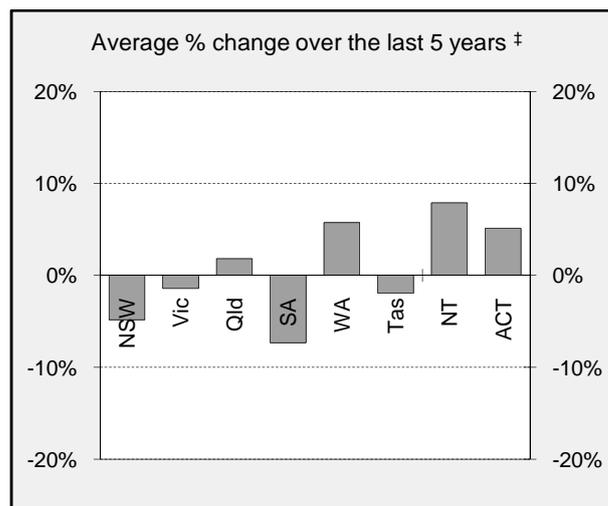
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Feb 2009	30	22	23	10	19	4	0	1	109
Feb 2008	29	20	20	6	12	3	5	1	96
% change	3.4	10.0	15.0	66.7	58.3	33.3	-100.0	0.0	13.5
Year to date									
Jan 2009 - Feb 2009	57	48	47	16	34	14	2	1	219
Jan 2008 - Feb 2008	55	44	43	11	25	8	7	2	195
% change	3.6	9.1	9.3	45.5	36.0	75.0	-71.4	-50.0	12.3
12 months to date									
Mar 2008 - Feb 2009	378	282	297	92	198	44	62	13	1,366
Mar 2007 - Feb 2008	400	291	330	99	195	39	47	15	1,416
% change	-5.5	-3.1	-10.0	-7.1	1.5	12.8	31.9	-13.3	-3.5
Average annual % change over 5 years^a									
YE February 2004 to YE February 2009	-4.8	-1.4	1.8	-7.3	5.7	-1.9	7.9	5.1	-1.1

^a 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 2009 and February 2008. NT and ACT not shown.



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

FATAL CRASHES INVOLVING TRUCKS OR BUSES

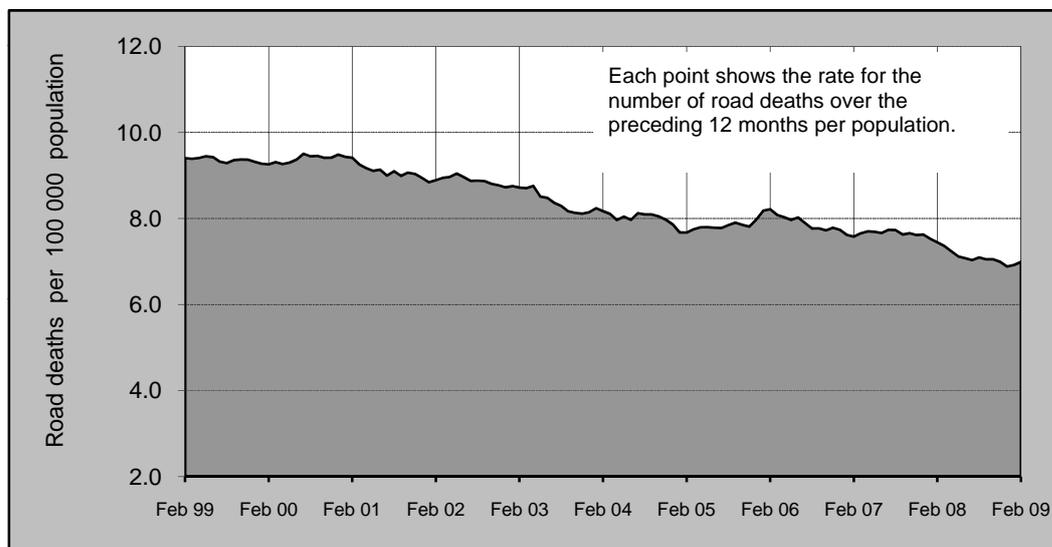
Analysis of fatal crashes involving heavy vehicles is now published in a separate quarterly bulletin.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
12-months to date									
Mar 2008 - Feb 2009	5.7	5.8	7.7	6.6	10.1	9.4	31.8	3.8	7.0
Mar 2007 - Feb 2008	6.2	6.4	8.5	7.4	10.2	8.9	26.4	4.4	7.4
Calendar year									
2008	5.7	5.7	7.6	6.2	9.7	8.0	34.1	4.1	6.8
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 February 2009 and two years ended February 2004

	Speed limit (km/h) ^a			Time of Day	
	Up to 60	65-95	100+	Day	Night ^b
Mar 2007 - Feb 2009	32.1%	22.7%	45.2%	56.6%	43.4%
Mar 2002 - Feb 2004	30.4%	22.8%	46.8%	56.3%	43.7%
	Crash Type			Time of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end ^c
Mar 2007 - Feb 2009	14.0%	47.5%	38.5%	59.8%	40.2%
Mar 2002 - Feb 2004	15.5%	45.1%	39.4%	59.9%	40.1%

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 February 2009 and February 2008

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths ^a
Males							
Mar 2008 - Feb 2009	53	137	157	282	263	174	1,074
Mar 2007 - Feb 2008	53	155	151	321	292	176	1,150
% change	0.0	-11.6	4.0	-12.1	-9.9	-1.1	-6.6
Females							
Mar 2008 - Feb 2009	36	57	26	70	111	104	405
Mar 2007 - Feb 2008	43	40	41	73	94	122	416
% change	-16.3	42.5	-36.6	-4.1	18.1	-14.8	-2.6
Persons^b							
Mar 2008 - Feb 2009	91	194	183	352	374	279	1,490
Mar 2007 - Feb 2008	96	195	192	394	386	298	1,567
% change	-5.2	-0.5	-4.7	-10.7	-3.1	-6.4	-4.9

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 ^a
Occupants^b							
Mar 2008 - Feb 2009	75	148	127	218	240	191	1,010
Mar 2007 - Feb 2008	63	159	138	265	250	221	1,100
% change	19.0	-6.9	-8.0	-17.7	-4.0	-13.6	-8.2
Motorcyclists^c							
Mar 2008 - Feb 2009	2	25	35	89	79	19	251
Mar 2007 - Feb 2008	8	23	36	84	69	15	235
% change	-75.0	8.7	-2.8	6.0	14.5	26.7	6.8
Pedestrians							
Mar 2008 - Feb 2009	12	19	18	36	47	62	197
Mar 2007 - Feb 2008	17	11	16	39	50	60	195
% change	-29.4	72.7	12.5	-7.7	-6.0	3.3	1.0

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

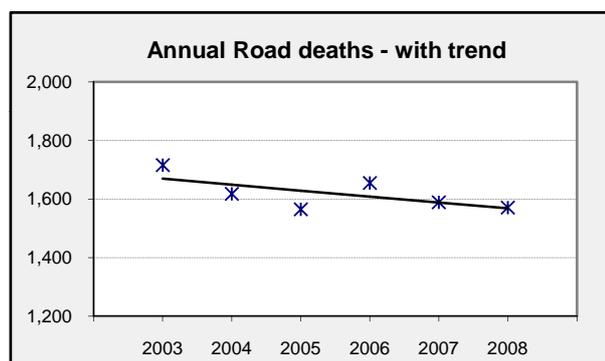
3. Estimation of five year trends

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