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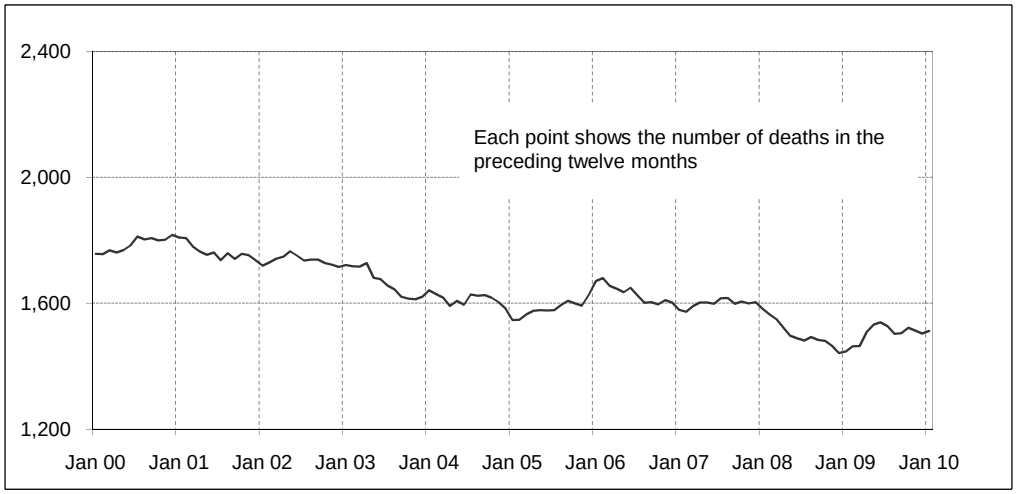
Australian Government
Department of Infrastructure, Transport, Regional Development and Local Government
Bureau of Infrastructure, Transport and Regional Economics

bitre

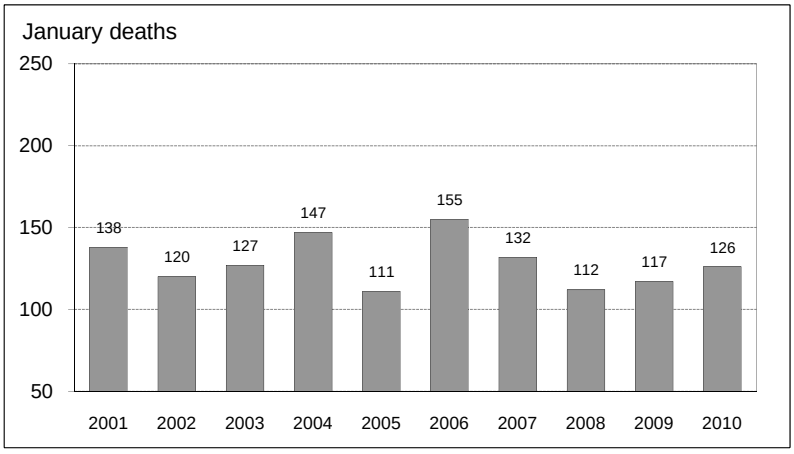
Road deaths Australia

January 2010

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



Australian road deaths for January — last 10 years



This month's key figures

There was a total of 126 road deaths in January 2010.

- this is a 7.7 per cent increase over the January 2009 figure.

During the 12 months ended January 2010, there were a total of 1,513 deaths.
- this is a 4.6 per cent increase over the 12 month period ended January 2009.

Inquiries
For further information about data in this bulletin, contact:

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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.

February 2010/INFRA-09170

NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

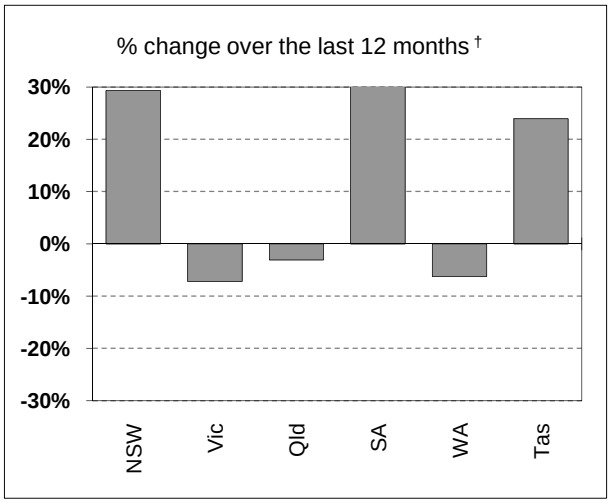
Road deaths by State/Territory

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

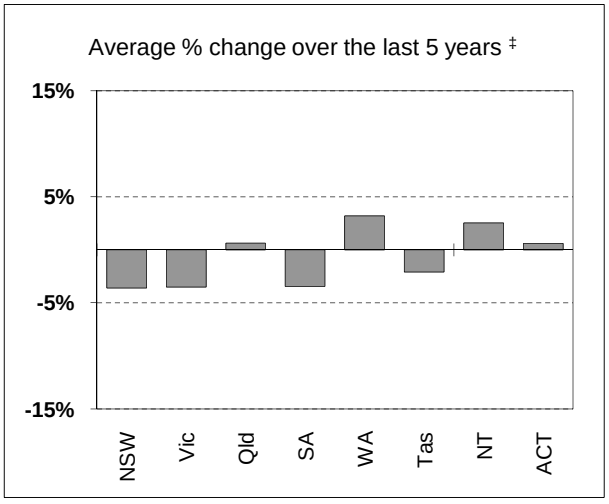
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	**Australia**
Current month									
Jan 2010	45	26	14	21	12	4	4	0	126
Jan 2009	26	31	27	6	14	11	2	0	117
% change	**73.1**	**-16.1**	**-48.1**	**250.0**	**-14.3**	**-63.6**	**100.0**	**-**	**7.7**
Year to date									
Jan 2010 - Jan 2010	45	26	14	21	12	4	4	0	126
Jan 2009 - Jan 2009	26	31	27	6	14	11	2	0	117
% change	**73.1**	**-16.1**	**-48.1**	**250.0**	**-14.3**	**-63.6**	**100.0**	**-**	**7.7**
12-months to date									
Feb 2009 - Jan 2010	481	284	317	134	195	57	33	12	1,513
Feb 2008 - Jan 2009	372	306	327	100	208	46	75	13	1,447
Difference	109	-22	-10	34	-13	11	-42	-1	66
% change	**29.3**	**-7.2**	**-3.1**	**34.0**	**-6.3**	**23.9**	**-56.0**	**-7.7**	**4.6**
Average annual % change over 5 years [a]									
YE January 2005 to YE January 2010	**-3.6**	**-3.5**	**0.6**	**-3.5**	**3.2**	**-2.1**	**2.5**	**0.6**	**-1.5**

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 January 2010 and January 2009.
NT and ACT not shown.



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

NUMBER OF DEATHS IN EACH ROAD USER GROUP

Road deaths by road user group and gender

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

	Drivers	*Passengers*	*Pedestrians*	*Motor-cyclists* [a]	*Cyclists*	***All road users*** [b]
Males						
Feb 2009 - Jan 2010	535	186	146	209	28	1,105
Feb 2008 - Jan 2009	494	167	131	229	27	1,050
% change	**8.3**	**11.4**	**11.5**	**-8.7**	**3.7**	**5.2**
Females						
Feb 2009 - Jan 2010	188	142	57	11	5	404
Feb 2008 - Jan 2009	182	134	60	17	2	395
% change	**3.3**	**6.0**	**-5.0**	**-35.3**	**150.0**	**2.3**
Persons [c]						
Feb 2009 - Jan 2010	723	331	204	220	33	1,513
Feb 2008 - Jan 2009	676	303	191	246	29	1,447
% change	**7.0**	**9.2**	**6.8**	**-10.6**	**13.8**	**4.6**
Average annual % change over 5 years [d]						
YE January 2005 to YE January 2010	**-1.7**	**-2.2**	**-2.5**	**1.8**	**-5.4**	**-1.5**

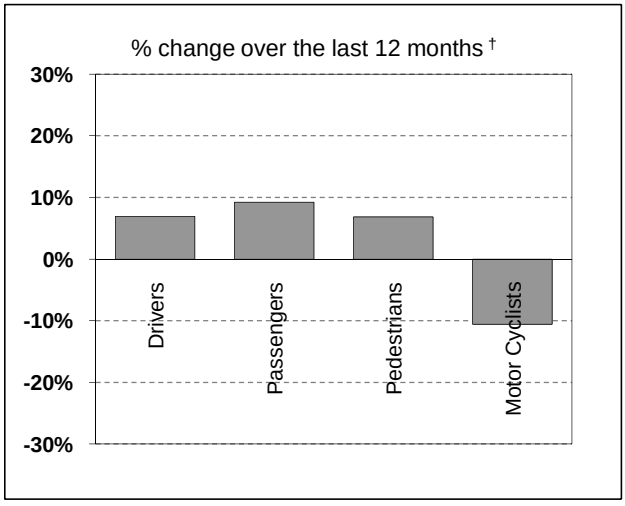
a Includes pillion passengers

b Includes road users not separately specified

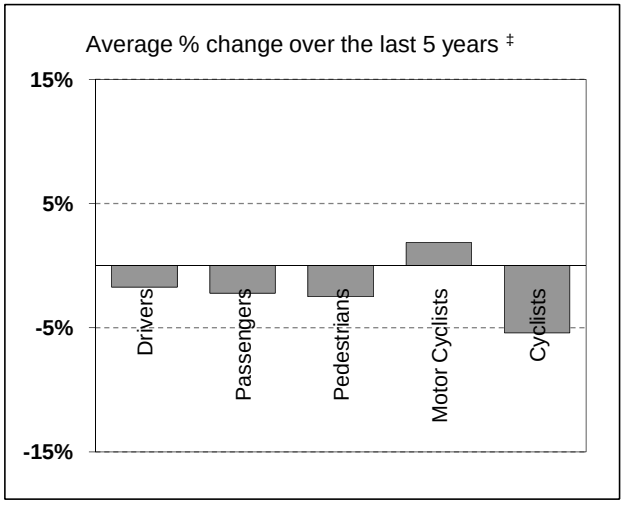
c Includes road users with unstated gender

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 January 2010 and January 2009. Cyclists not shown.

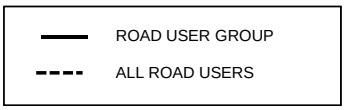


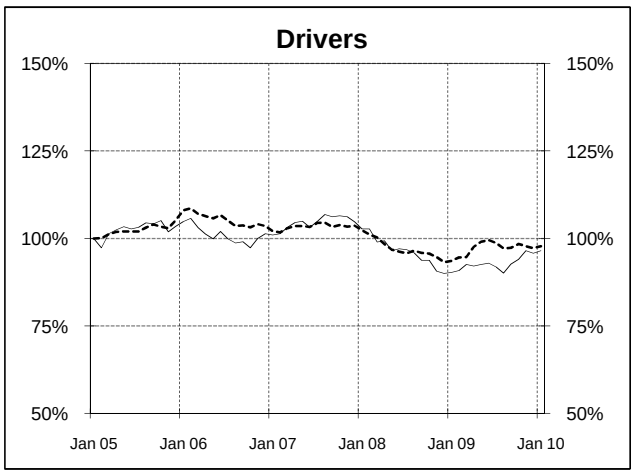
‡ Average annual percentage change based on the exponential trend from the year ending January 2005 to year ending January 2010.

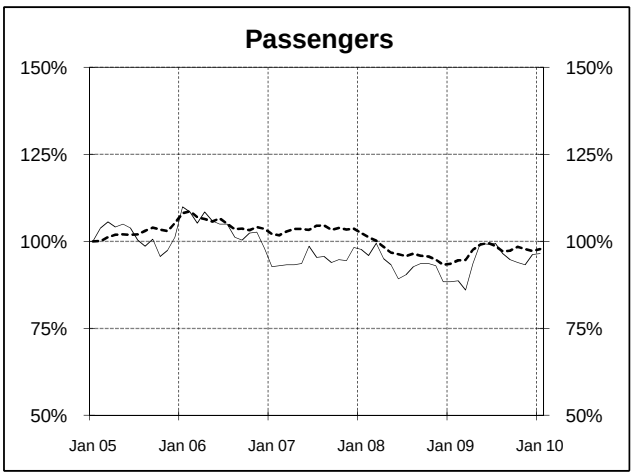
DEATHS IN EACH ROAD USER GROUP - TRENDS

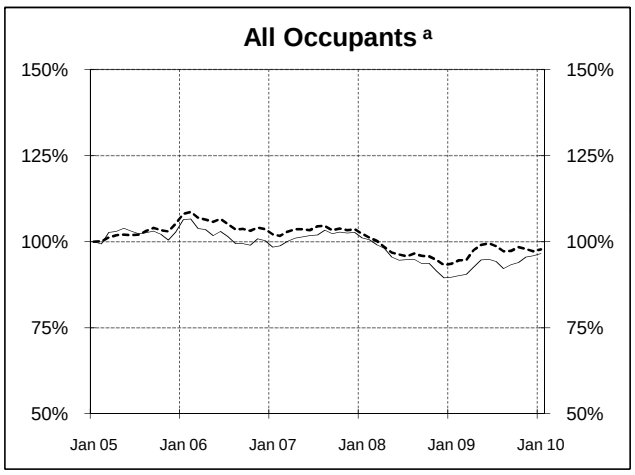
Annual deaths in each road user group - last 5 years

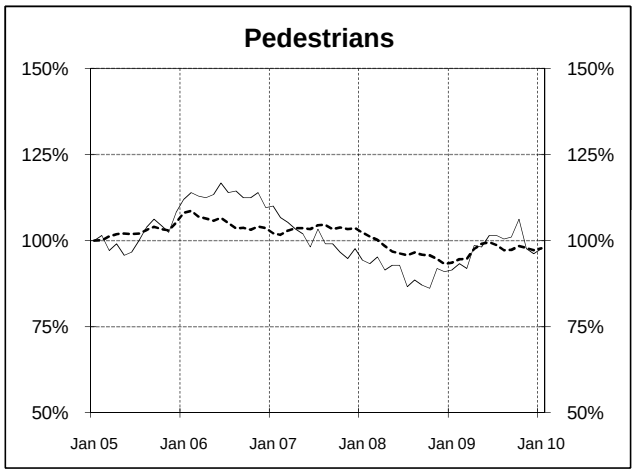
The number shown at each month represents the number of deaths in the preceding 12 months expressed as a percentage of the number of deaths in the 12 months to January 2005.

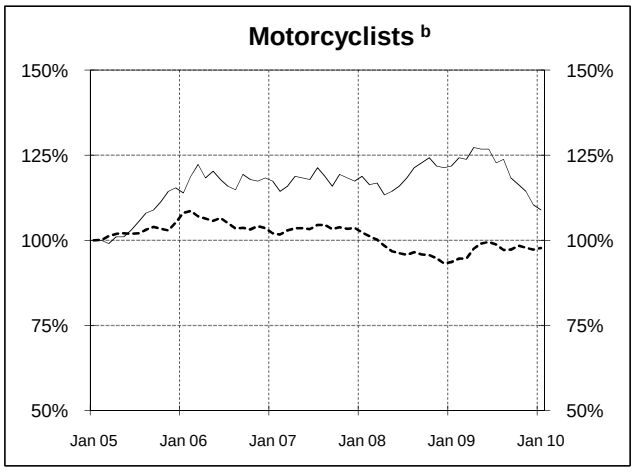


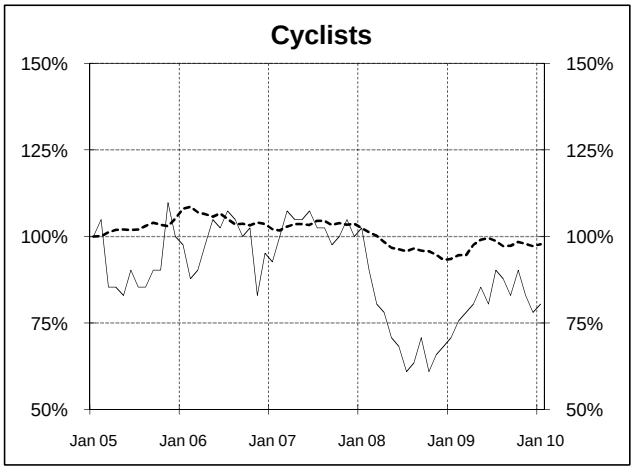












a Comprises drivers and passengers

b Includes pillion passengers

NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

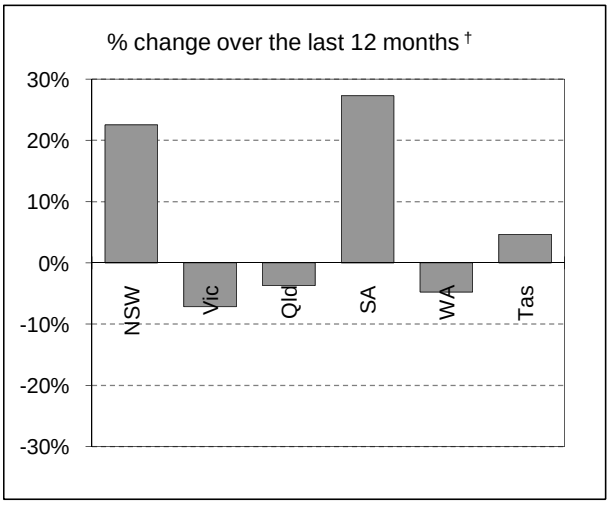
Fatal crashes by State/Territory

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

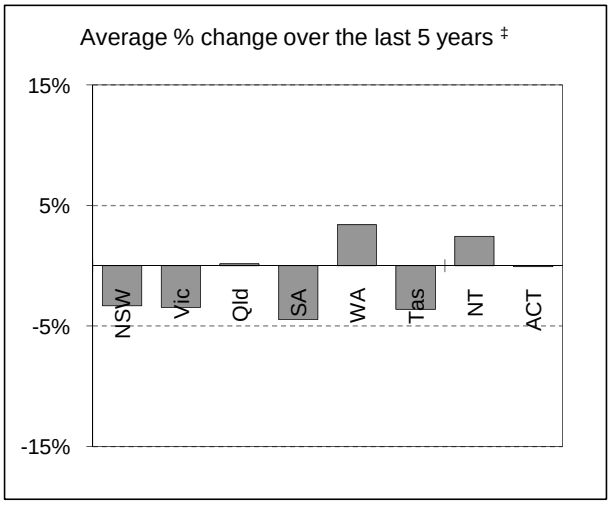
	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
Current month									
Jan 2010	38	19	13	14	11	3	4	0	102
Jan 2009	24	26	24	6	13	10	2	0	105
% change	**58.3**	**-26.9**	**-45.8**	**133.3**	**-15.4**	**-70.0**	**100.0**	**-**	**-2.9**
Year to date									
Jan 2010 - Jan 2010	38	19	13	14	11	3	4	0	102
Jan 2009 - Jan 2009	24	26	24	6	13	10	2	0	105
% change	**58.3**	**-26.9**	**-45.8**	**133.3**	**-15.4**	**-70.0**	**100.0**	**-**	**-2.9**
12 months to date									
Feb 2009 - Jan 2010	430	260	284	112	180	45	33	11	1,355
Feb 2008 - Jan 2009	351	280	295	88	189	43	67	13	1,326
% change	**22.5**	**-7.1**	**-3.7**	**27.3**	**-4.8**	**4.7**	**-50.7**	**-15.4**	**2.2**
Average annual % change over 5 years [a]									
YE January 2005 to YE January 2010	**-3.9**	**-2.8**	**1.3**	**-6.3**	**4.7**	**-0.9**	**2.7**	**-0.8**	**-1.4**

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 January 2010 and January 2009.



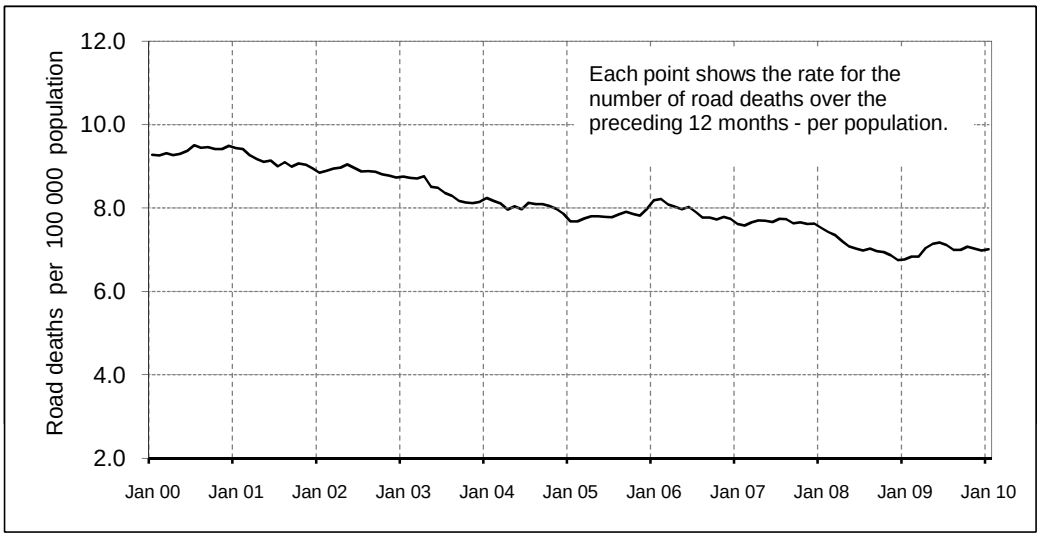
‡ Average annual percentage change based on the exponential trend from the year ending January 2005 to year ending January 2010.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
12-months to date									
Feb 2009 - Jan 2010	6.8	5.2	7.2	8.3	8.7	11.3	14.7	3.4	6.9
Feb 2008 - Jan 2009	5.3	5.8	7.6	6.2	9.6	9.2	34.1	3.8	6.7
Calendar year									
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 January 2010 and two years ended January 2005

	Speed limit (km/h) [a]			***Time of Day***	
	Up to 60	*65-95*	*100+*	*Day*	*Night* [b]
Feb 2008 - Jan 2010	31.5%	23.4%	45.0%	56.6%	43.4%
Feb 2003 - Jan 2005	32.7%	22.2%	45.1%	55.2%	44.8%

	Crash Type			***Day of week***	
	Pedestrian crash	*Other single veh. Crash*	*Other multiple veh. crash*	*Week day*	*Week-end* [c]
Feb 2008 - Jan 2010	14.4%	48.7%	36.9%	59.6%	40.4%
Feb 2003 - Jan 2005	15.3%	44.1%	40.6%	58.7%	41.3%

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 2010 and January 2009

	0-16 years	*17-20 years*	*21-25 years*	*26-39 years*	*40-59 years*	*60+ years*	***All deaths*** [a]
Males							
Feb 2009 - Jan 2010	63	130	143	277	284	197	1,105
Feb 2008 - Jan 2009	53	138	159	277	257	166	1,050
% change	**18.9**	**-5.8**	**-10.1**	**0.0**	**10.5**	**18.7**	**5.2**
Females							
Feb 2009 - Jan 2010	47	52	35	71	95	102	404
Feb 2008 - Jan 2009	34	52	28	70	106	105	395
% change	**38.2**	**0.0**	**25.0**	**1.4**	**-10.4**	**-2.9**	**2.3**
Persons [b]							
Feb 2009 - Jan 2010	114	182	178	348	379	299	1,513
Feb 2008 - Jan 2009	89	190	187	347	363	271	1,447
% change	**28.1**	**-4.2**	**-4.8**	**0.3**	**4.4**	**10.3**	**4.6**

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*** [a]
Occupants [b]							
Feb 2009 - Jan 2010	83	149	146	224	241	203	1054
Feb 2008 - Jan 2009	74	145	132	217	229	182	979
% change	**12.2**	**2.8**	**10.6**	**3.2**	**5.2**	**11.5**	**7.7**
Motorcyclists [c]							
Feb 2009 - Jan 2010	4	15	23	80	91	7	220
Feb 2008 - Jan 2009	1	26	34	85	80	20	246
% change	**300.0**	**-42.3**	**-32.4**	**-5.9**	**13.8**	**-65.0**	**-10.6**
Pedestrians							
Feb 2009 - Jan 2010	25	18	8	40	36	73	204
February 2010/INFRA-09170	12	17	18	36	46	62	191
% change	**108.3**	**5.9**	**-55.6**	**11.1**	**-21.7**	**17.7**	**6.8**

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

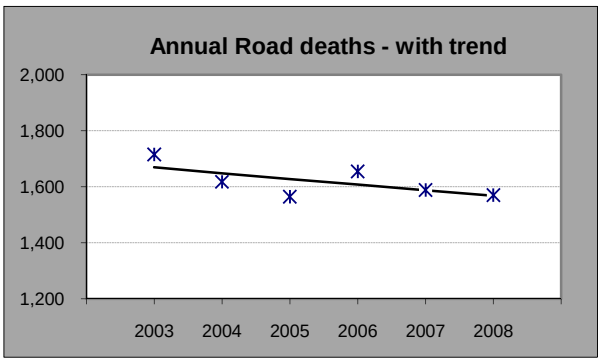
3. Estimation of five year trends

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		
	A	B	% Change
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 = `Index(Logest (B1:B6,A1:A6),1) - 1 = -1.2%`