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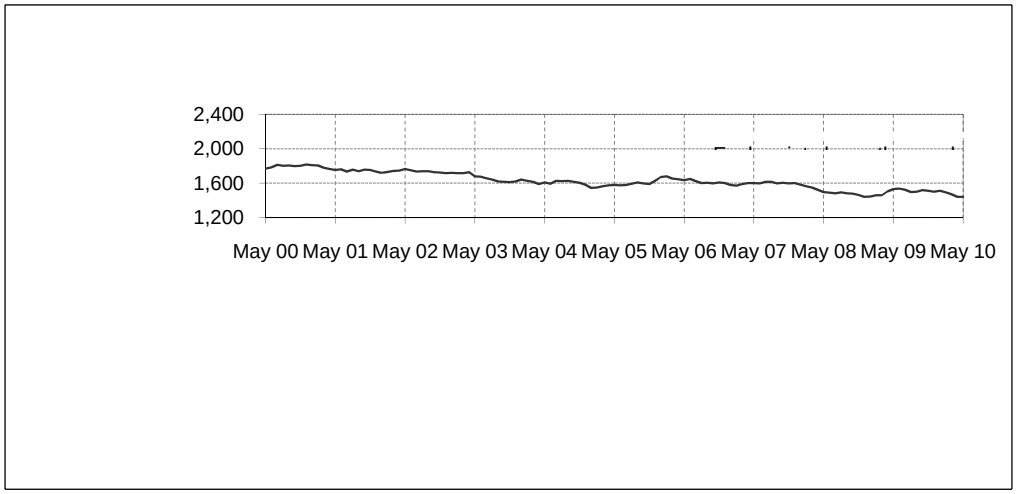
Australian Government
Department of Infrastructure, Transport, Regional Development and Local Government
Bureau of Infrastructure, Transport and Regional Economics
bitre

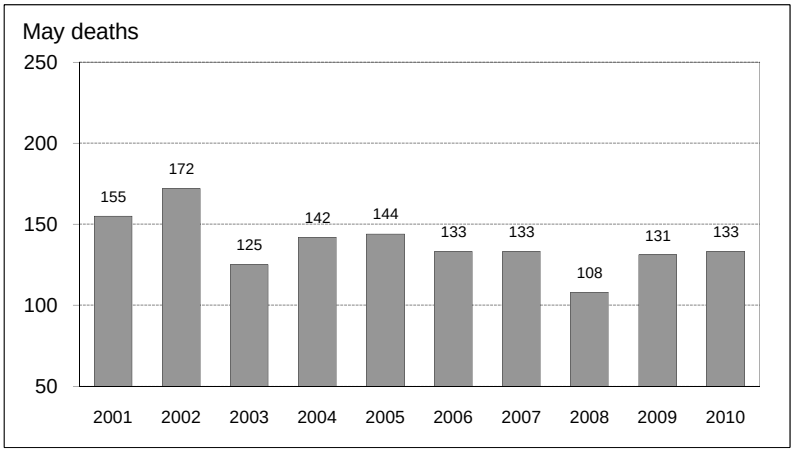
Road deaths Australia

May 2010

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



Australian road deaths for May — last 10 years



This month's key figures

There was a total of 133 road deaths in May 2010.
- this is a 1.5 per cent increase over the May 2009 figure.

There have been 593 road deaths in 2010 to the end of May.
- this is a 9.2 per cent decrease from the same 5 month period in 2009.

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

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Department of Infrastructure, Transport,
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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.

May2010/INFRA-09211

NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

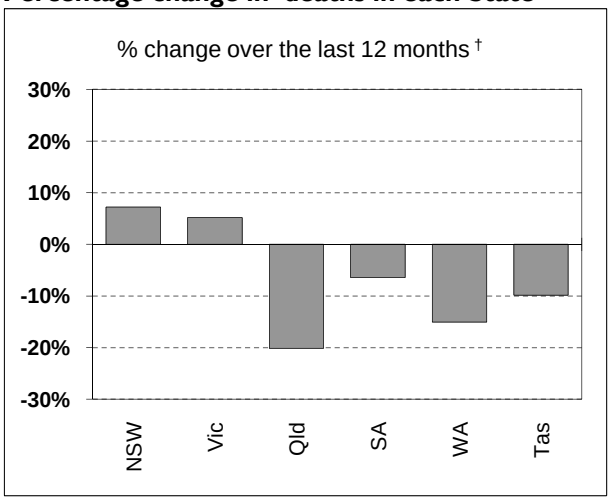
Road deaths by State/Territory

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

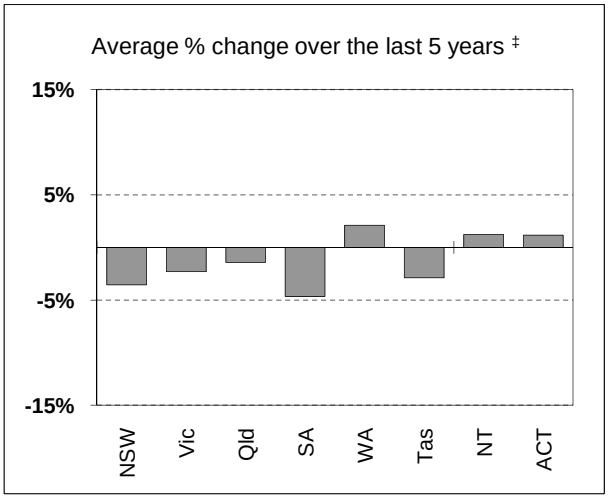
	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
Current month									
May 2010	38	35	22	10	17	5	3	3	133
May 2009	36	19	27	20	18	7	3	1	131
% change	**5.6**	**84.2**	**-18.5**	**-50.0**	**-5.6**	**-28.6**	**0.0**	**200.0**	**1.5**
Year to date									
Jan 2010 - May 2010	191	139	94	59	68	16	12	14	593
Jan 2009 - May 2009	190	123	147	61	84	34	9	5	653
% change	**0.5**	**13.0**	**-36.1**	**-3.3**	**-19.0**	**-52.9**	**33.3**	**180.0**	**-9.2**
12-months to date									
Jun 2009 - May 2010	459	306	278	117	181	46	34	21	1,442
Jun 2008 - May 2009	428	291	348	125	213	51	59	14	1,529
Difference	31	15	-70	-8	-32	-5	-25	7	-87
% change	**7.2**	**5.2**	**-20.1**	**-6.4**	**-15.0**	**-9.8**	**-42.4**	**50.0**	**-5.7**
Average annual % change over 5 years [a]									
YE May 2005 to YE May 2010	**-3.5**	**-2.3**	**-1.4**	**-4.6**	**2.1**	**-2.9**	**1.2**	**1.1**	**-2.0**

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



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

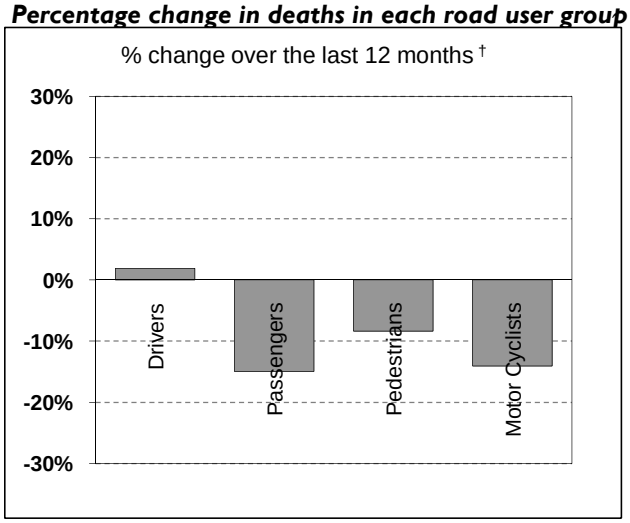
NUMBER OF DEATHS IN EACH ROAD USER GROUP

Road deaths by road user group and gender
for 12 months ended May 2010, May 2009 and five year trend

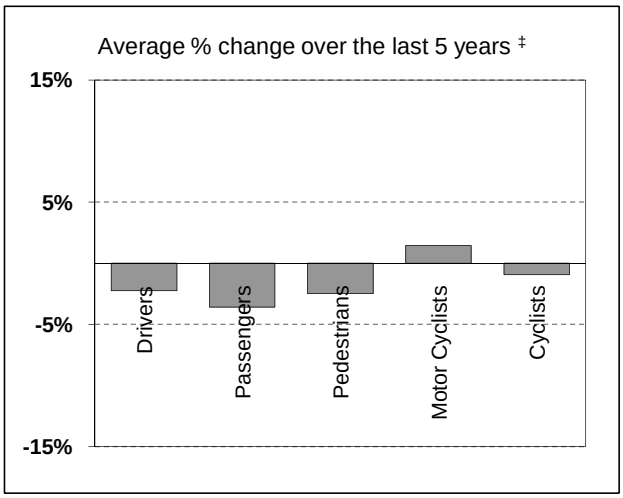
	Drivers	*Passengers*	*Pedestrians*	*Motor-cyclists* [a]	*Cyclists*	***All road users*** [b]
Males						
Jun 2009 - May 2010	525	159	134	211	36	1,065
Jun 2008 - May 2009	499	190	142	241	29	1,103
% change	**5.2**	**-16.3**	**-5.6**	**-12.4**	**24.1**	**-3.4**
Females						
Jun 2009 - May 2010	178	128	53	9	3	373
Jun 2008 - May 2009	192	148	62	15	6	423
% change	**-7.3**	**-13.5**	**-14.5**	**-40.0**	**-50.0**	**-11.8**
Persons [c]						
Jun 2009 - May 2010	704	290	187	220	39	1,442
Jun 2008 - May 2009	691	341	204	256	35	1,529
% change	**1.9**	**-15.0**	**-8.3**	**-14.1**	**11.4**	**-5.7**
Average annual % change over 5 years [d]						
YE May 2005 to YE May 2010	**-2.2**	**-3.6**	**-2.5**	**1.4**	**-0.9**	**-2.0**

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 May 2010 and May 2009.
Cyclists not shown.

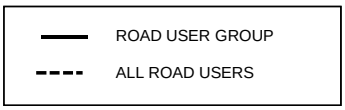


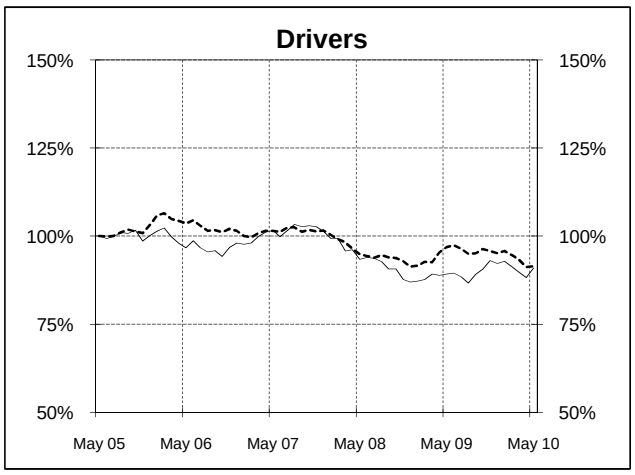
‡ Average annual percentage change based on the exponential trend from the year ending May 2005 to year ending May 2010.

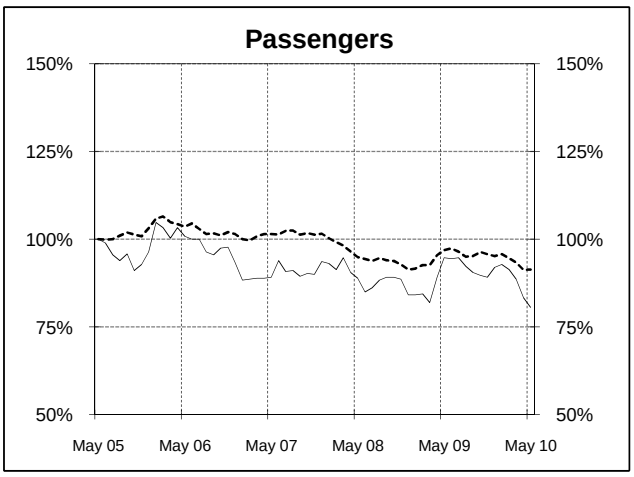
DEATHS IN EACH ROAD USER GROUP - TRENDS

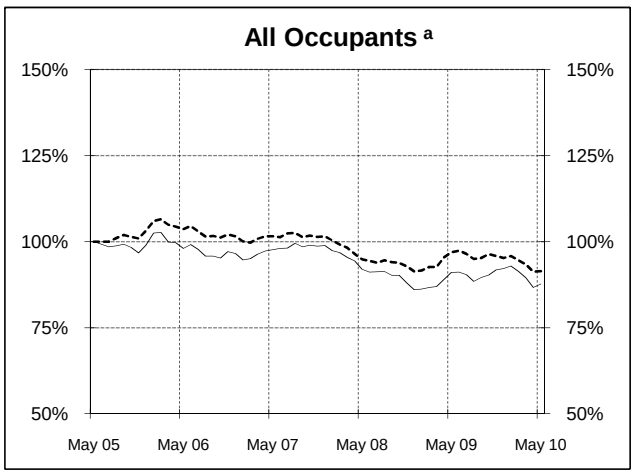
Annual deaths in each road user group - last 5 years

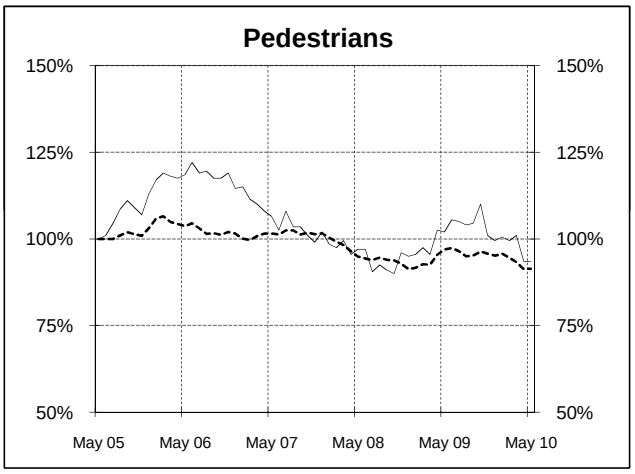
The number shown at each month represents the number of deaths in the preceding 12 months expressed as a percentage of the number of deaths in the 12 months to May 2005.

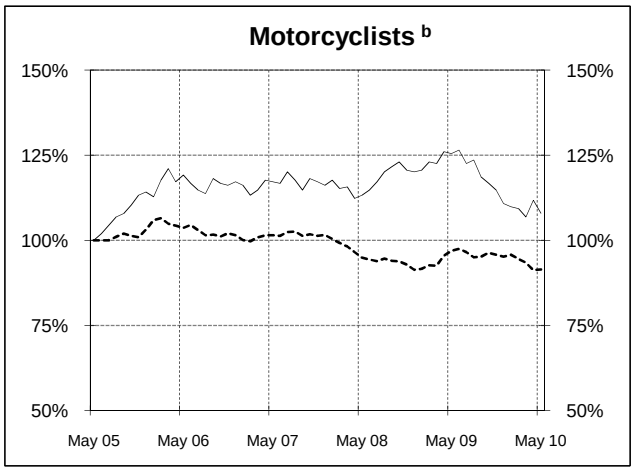


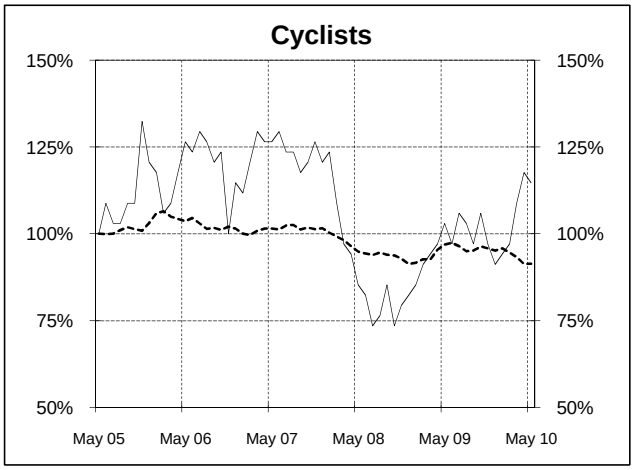












a Comprises drivers and passengers

b Includes pillion passengers

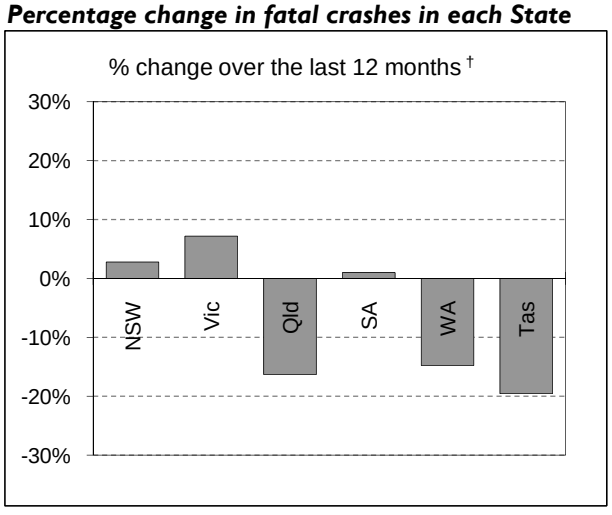
NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

Fatal crashes by State/Territory
for current month, year to date, 12 months ended May, and five year trend.

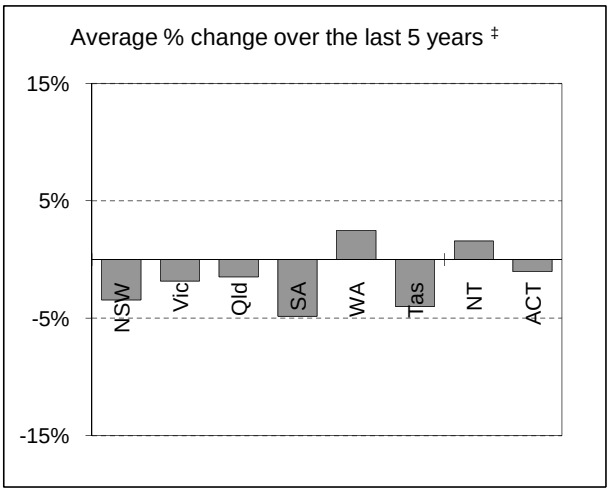
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	**Australia**
Current month									
May 2010	35	31	21	9	16	5	3	3	123
May 2009	34	17	22	15	17	5	3	1	114
% change	**2.9**	**82.4**	**-4.5**	**-40.0**	**-5.9**	**0.0**	**0.0**	**200.0**	**7.9**
Year to date									
Jan 2010 - May 2010	174	125	87	50	63	15	12	11	537
Jan 2009 - May 2009	176	109	126	49	78	30	9	4	581
% change	**-1.1**	**14.7**	**-31.0**	**2.0**	**-19.2**	**-50.0**	**33.3**	**175.0**	**-7.6**
12 months to date									
Jun 2009 - May 2010	410	284	257	105	167	37	34	18	1,312
Jun 2008 - May 2009	399	265	307	104	196	46	51	13	1,381
% change	**2.8**	**7.2**	**-16.3**	**1.0**	**-14.8**	**-19.6**	**-33.3**	**38.5**	**-5.0**
Average annual % change over 5 years [a]									
YE May 2005 to YE May 2010	**-3.4**	**-1.8**	**-1.5**	**-4.8**	**2.5**	**-4.0**	**1.6**	**-1.0**	**-1.9**

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 May 2010 and May 2009.



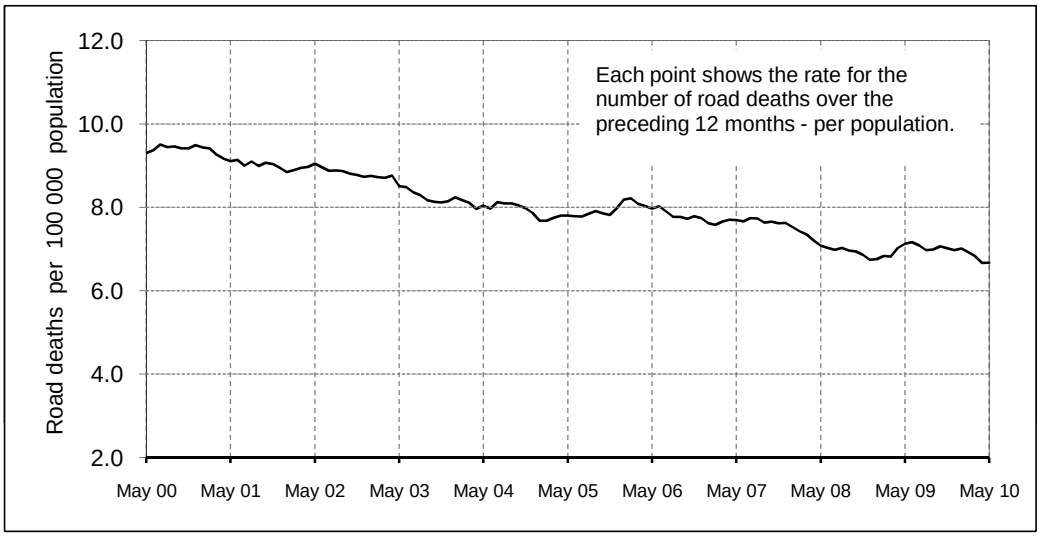
‡ Average annual percentage change based on the exponential trend from the year ending May 2005 to year ending May 2010.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	**Australia**
12-months to date									
Jun 2009 - May 2010	6.4	5.6	6.3	7.2	8.1	9.1	15.1	6.0	6.6
Jun 2008 - May 2009	6.1	5.4	8.0	7.8	9.7	10.2	26.7	4.0	7.1
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 May 2010 and two years ended May 2005

	Speed limit (km/h) [a]			***Time of Day***	
	Up to 60	*65-95*	*100+*	*Day*	*Night* [b]
Jun 2008 - May 2010	32.0%	23.0%	45.1%	57.8%	42.2%
Jun 2003 - May 2005	32.0%	23.2%	44.9%	54.3%	45.7%

	Crash Type			***Day of week***	
	Pedestrian crash	*Other single veh. Crash*	*Other multiple veh. crash*	*Week day*	*Week-end* [c]
Jun 2008 - May 2010	14.2%	47.5%	38.3%	60.4%	39.6%
Jun 2003 - May 2005	15.3%	44.2%	40.5%	58.4%	41.6%

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 May 2010 and May 2009

	0-16 years	*17-20 years*	*21-25 years*	*26-39 years*	*40-59 years*	*60+ years*	***All deaths*** [a]
Males							
Jun 2009 - May 2010	55	122	117	265	291	209	1,065
Jun 2008 - May 2009	58	144	172	298	268	163	1,103
% change	**-5.2**	**-15.3**	**-32.0**	**-11.1**	**8.6**	**28.2**	**-3.4**
Females							
Jun 2009 - May 2010	37	36	32	62	104	100	373
Jun 2008 - May 2009	31	68	31	75	106	112	423
% change	**19.4**	**-47.1**	**3.2**	**-17.3**	**-1.9**	**-10.7**	**-11.8**
Persons [b]							
Jun 2009 - May 2010	95	158	149	327	395	309	1,442
Jun 2008 - May 2009	92	212	203	373	374	275	1,529
% change	**3.3**	**-25.5**	**-26.6**	**-12.3**	**5.6**	**12.4**	**-5.7**

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]							
Jun 2009 - May 2010	72	128	115	221	240	210	994
Jun 2008 - May 2009	71	166	150	227	234	184	1,032
% change	**1.4**	**-22.9**	**-23.3**	**-2.6**	**2.6**	**14.1**	**-3.7**
Motorcyclists [c]							
Jun 2009 - May 2010	2	15	20	72	102	9	220
Jun 2008 - May 2009	3	23	35	92	83	20	256
% change	**-33.3**	**-34.8**	**-42.9**	**-21.7**	**22.9**	**-55.0**	**-14.1**
Pedestrians							
Jun 2009 - May 2010	20	15	11	29	38	73	187
Jun 2008 - May 2009	15	21	15	43	46	64	204
% change	**33.3**	**-28.6**	**-26.7**	**-32.6**	**-17.4**	**14.1**	**-8.3**

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

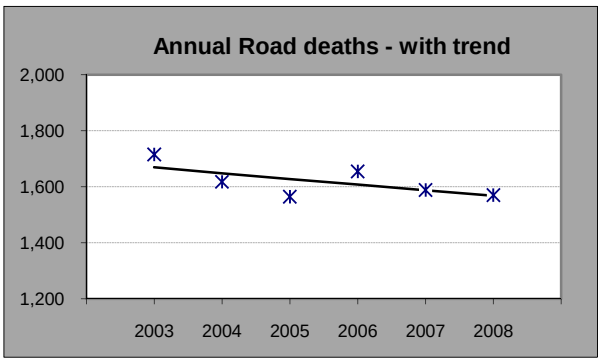
3. Estimation of five year trends

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%`