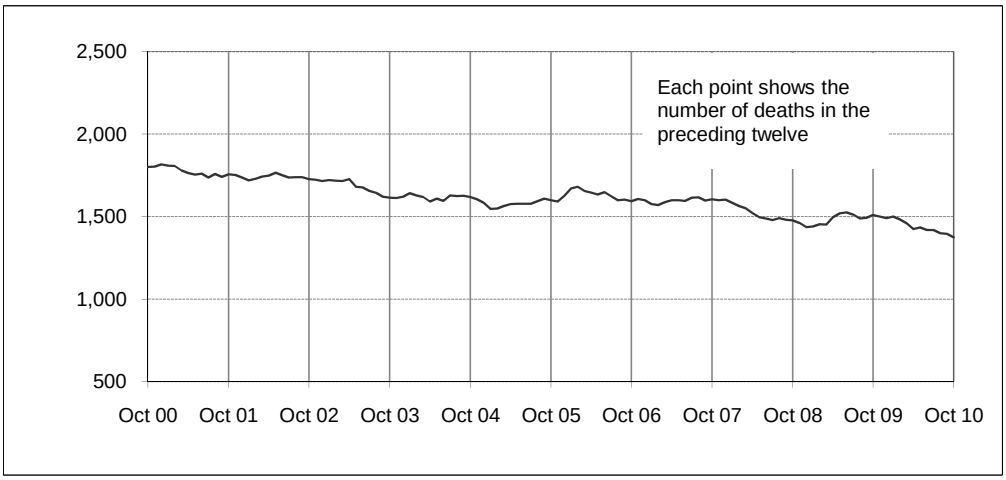
ISSN 1449–1168

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

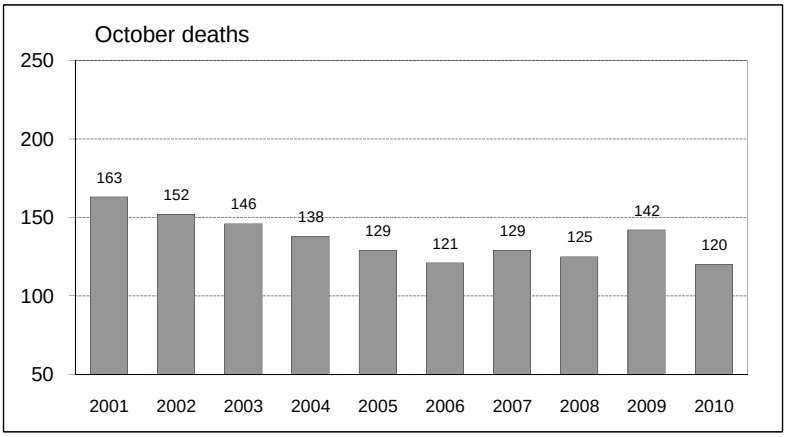
bitre

Road deaths Australia — October 2010

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



Australian road deaths for October — 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 and Transport,
GPO Box 594,
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 Lands and Planning, Northern Territory
- Territory and Municipal Services, ACT

- Road deaths from recent months are preliminary and subject to revision.

This month's key figures

There was a total of 120 road deaths in October 2010.
- this is a 15.5 per cent decrease from the October 2009 figure.

There have been 1,143 road deaths in 2010 to the end of October.
- this is a 9.2 per cent decrease from the same 10 month period in 2009.

November 2010 / INFRA – 1022

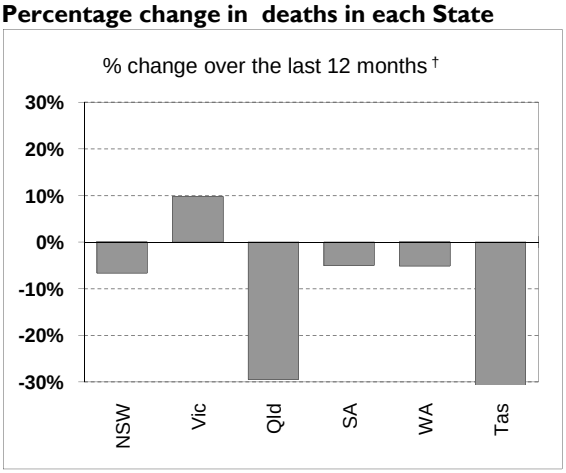
NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

Road deaths by State/Territory
for current month, year to date, 12 months ended October, and five year trend

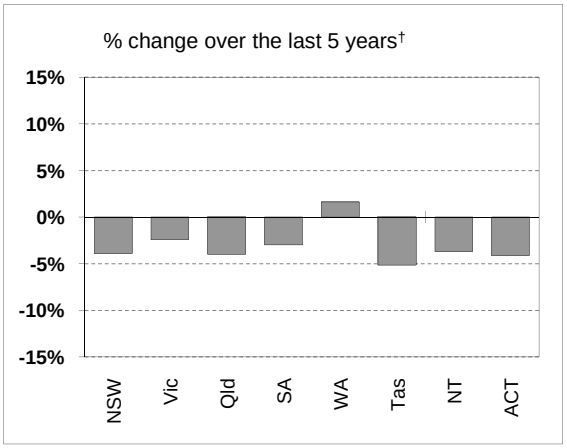
	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
Current month									
Oct 2010	37	38	17	12	12	1	3	0	120
Oct 2009	45	28	22	7	31	2	5	2	142
% change	**-17.8**	**35.7**	**-22.7**	**71.4**	**-61.3**	**-50.0**	**-40.0**	**-100.0**	**-15.5**
Year to date									
Jan 2010 - Oct 2010	358	259	201	98	145	24	40	18	1,143
Jan 2009 - Oct 2009	387	235	290	102	151	55	27	12	1,259
% change	**-7.5**	**10.2**	**-30.7**	**-3.9**	**-4.0**	**-56.4**	**48.1**	**50.0**	**-9.2**
12-months to date									
Nov 2009 - Oct 2010	424	314	242	115	184	33	44	18	1,374
Nov 2008 - Oct 2009	454	286	343	121	194	62	36	13	1,509
Difference	-30	28	-101	-6	-10	-29	8	5	-135
% change	**-6.6**	**9.8**	**-29.4**	**-5.0**	**-5.2**	**-46.8**	**22.2**	**38.5**	**-8.9**
Average annual % change over 5 years [a]									
YE October 2005 to YE October 2010	**-3.9**	**-2.4**	**-4.0**	**-3.0**	**1.6**	**-5.1**	**-3.7**	**-4.1**	**-2.8**

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



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

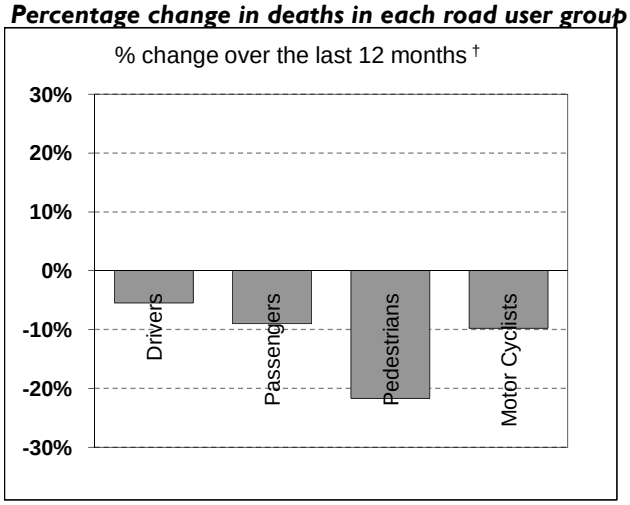
NUMBER OF DEATHS IN EACH ROAD USER GROUP

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

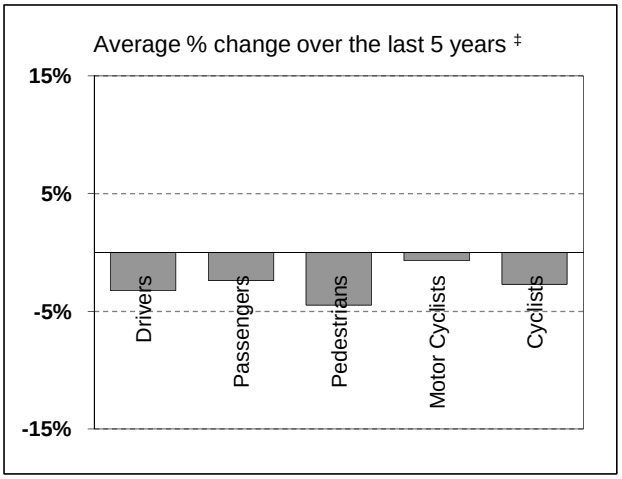
	Drivers	*Passengers*	*Pedestrians*	*Motor-cyclists* [a]	*Cyclists*	***All road users*** [b]
Males						
Nov 2009 - Oct 2010	485	156	112	197	33	985
Nov 2008 - Oct 2009	509	184	157	223	31	1,105
% change	**-4.7**	**-15.2**	**-28.7**	**-11.7**	**6.5**	**-10.9**
Females						
Nov 2009 - Oct 2010	172	133	57	16	4	383
Nov 2008 - Oct 2009	187	136	60	13	5	402
% change	**-8.0**	**-2.2**	**-5.0**	**23.1**	**-20.0**	**-4.7**
Persons [c]						
Nov 2009 - Oct 2010	658	293	170	213	37	1,374
Nov 2008 - Oct 2009	696	322	217	236	36	1,509
% change	**-5.5**	**-9.0**	**-21.7**	**-9.7**	**2.8**	**-8.9**
Average annual % change over 5 years [d]						
YE October 2005 to YE October 2010	**-3.3**	**-2.4**	**-4.5**	**-0.7**	**-2.7**	**-2.8**

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 October 2010 and October 2009. Cyclists not shown.

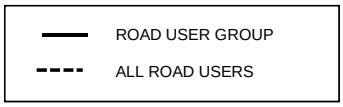


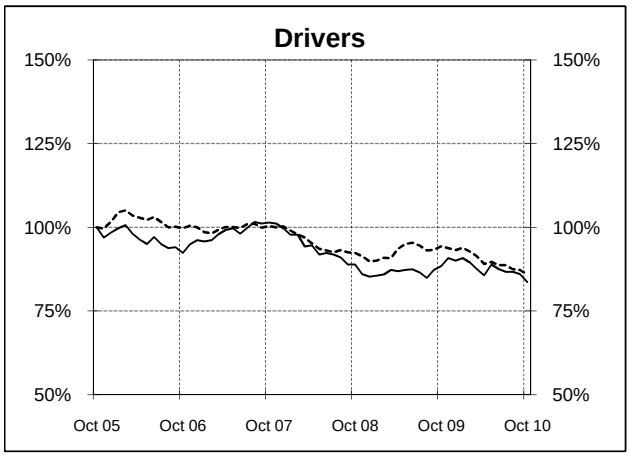
‡ Average annual percentage change based on the exponential trend from the year ending October 2005 to year ending October 2010.

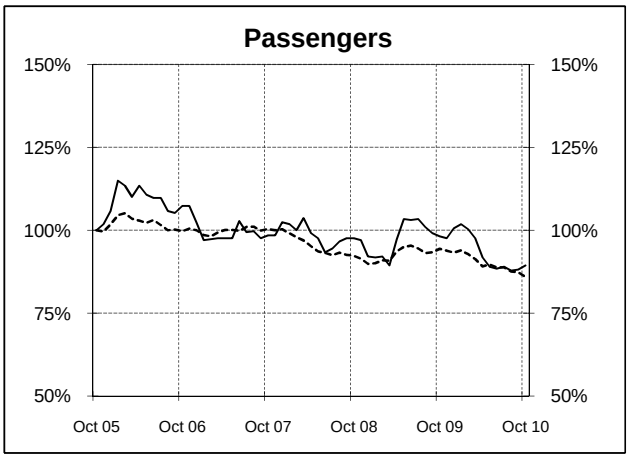
DEATHS IN EACH ROAD USER GROUP - TRENDS

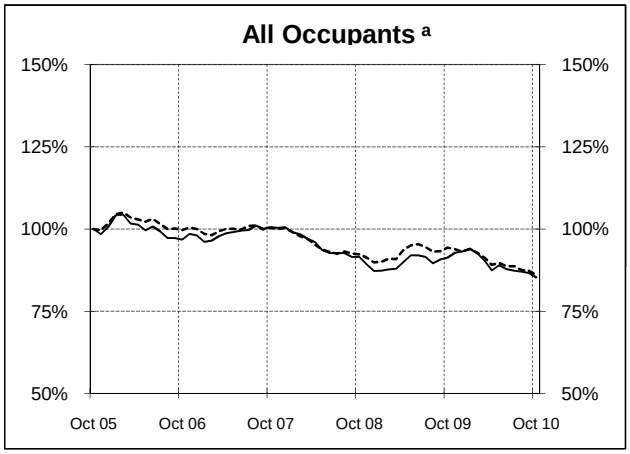
Annual deaths in each road user group - last 5 years

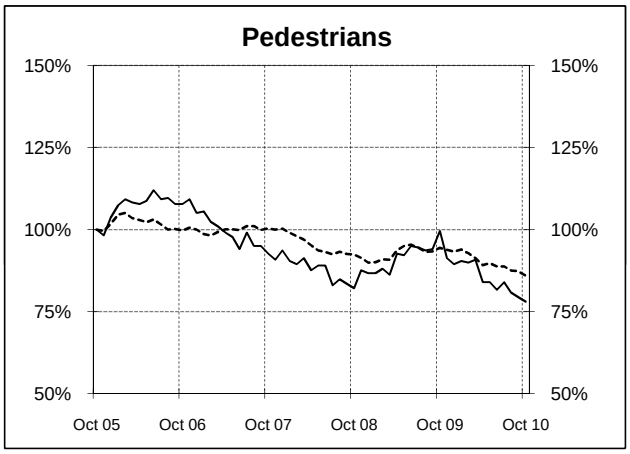
The number shown at each month represents the number of deaths in the preceding 12 months expressed as a percentage of the number of deaths in the 12 months to October 2005.

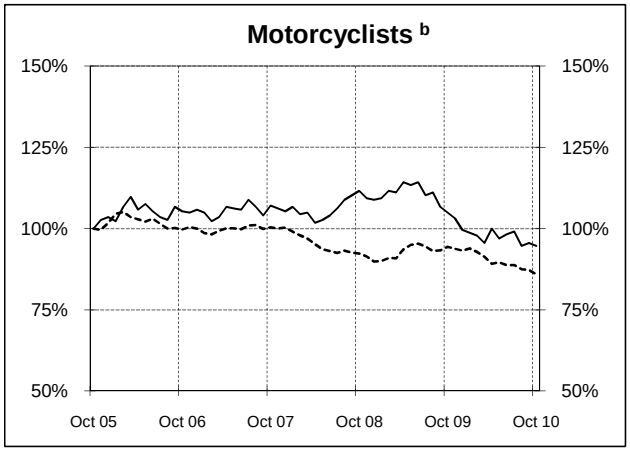


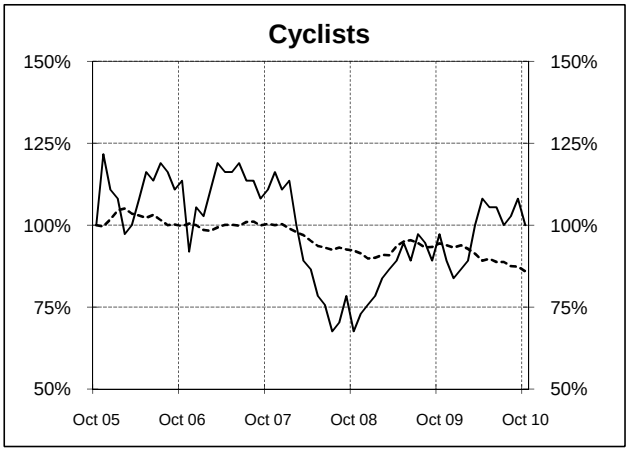












a Comprises drivers and passengers

b Includes pillion passengers

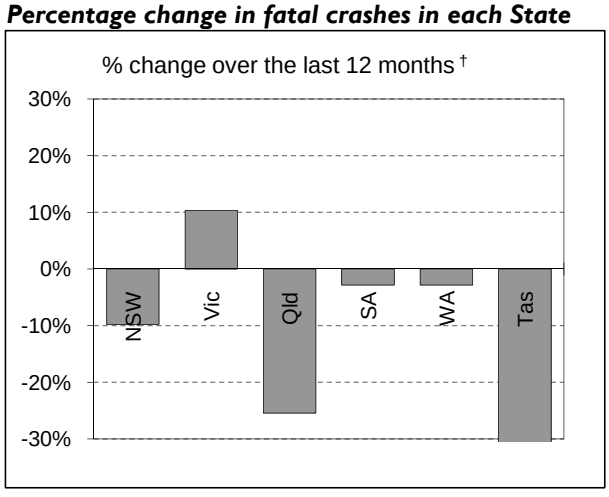
NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

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

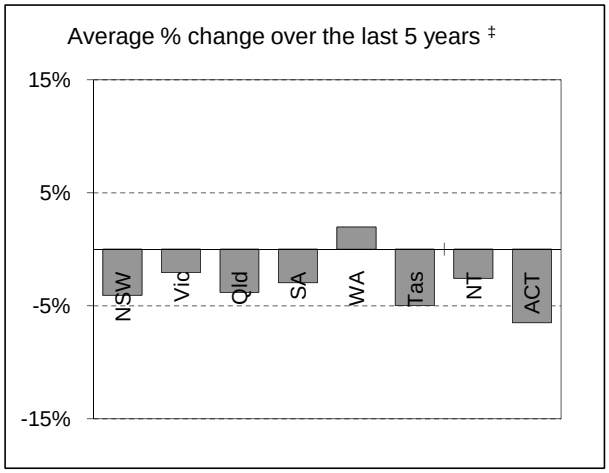
	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
Current month									
Oct 2010	31	35	16	11	12	1	3	0	109
Oct 2009	43	27	21	7	25	2	5	2	132
% change	**-27.9**	**29.6**	**-23.8**	**57.1**	**-52.0**	**-50.0**	**-40.0**	**-100.0**	**-17.4**
Year to date									
Jan 2010 - Oct 2010	324	233	189	87	135	23	38	15	1,044
Jan 2009 - Oct 2009	354	213	256	88	138	44	27	11	1,131
% change	**-8.5**	**9.4**	**-26.2**	**-1.1**	**-2.2**	**-47.7**	**40.7**	**36.4**	**-7.7**
12 months to date									
Nov 2009 - Oct 2010	378	288	229	103	173	31	42	15	1,259
Nov 2008 - Oct 2009	419	261	307	106	178	50	35	12	1,368
% change	**-9.8**	**10.3**	**-25.4**	**-2.8**	**-2.8**	**-38.0**	**20.0**	**25.0**	**-8.0**
Average annual % change over 5 years [a]									
YE October 2005 to YE October 2010	**-4.1**	**-2.1**	**-3.8**	**-3.0**	**2.0**	**-5.0**	**-2.6**	**-6.5**	**-2.8**

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 October 2010 and October 2009.



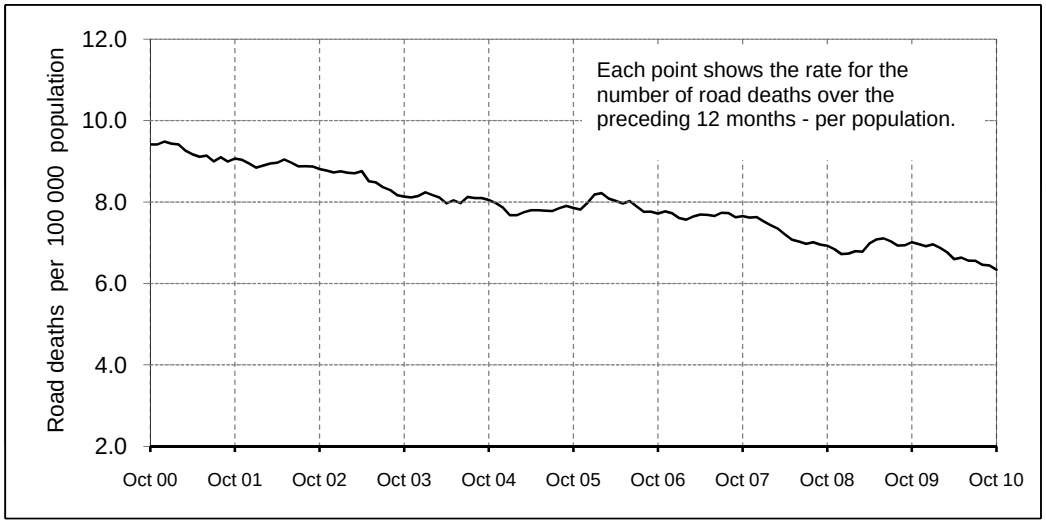
‡ Average annual percentage change based on the exponential trend from the year ending October 2005 to year ending October 2010.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	**Australia**
12-months to date									
Nov 2009 - Oct 2010	5.9	5.7	5.4	7.0	8.1	6.5	19.2	5.1	6.2
Nov 2008 - Oct 2009	6.4	5.2	7.7	7.5	8.7	12.5	14.7	3.7	6.8
Calendar year									
2009	6.3	5.3	7.5	7.3	8.5	12.7	13.7	3.4	6.8
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 October 2010 and two years ended October 2005

	Speed limit (km/h) [a]			***Time of Day***	
	Up to 60	*65-95*	*100+*	*Day*	*Night* [b]
Nov 2008 - Oct 2010	30.7%	23.0%	46.3%	57.8%	42.2%
Nov 2003 - Oct 2005	31.8%	22.4%	45.8%	54.7%	45.3%

	Crash Type			***Day of week***	
	Pedestrian crash	*Other single veh. Crash*	*Other multiple veh. crash*	*Week day*	*Week-end* [c]
Nov 2008 - Oct 2010	14.4%	46.4%	39.2%	60.1%	39.9%
Nov 2003 - Oct 2005	15.2%	44.6%	40.3%	57.8%	42.2%

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 October 2010 and October 2009

	0-16 years	*17-25 years*	*26-39 years*	*40-59 years*	*60+ years*	***All deaths*** [a]
Males						
Nov 2009 - Oct 2010	48	257	240	266	170	985
Nov 2008 - Oct 2009	59	291	296	281	178	1,105
% change	**-18.6%**	**-11.7%**	**-18.9%**	**-5.3%**	**-4.5%**	**-10.9%**
Females						
Nov 2009 - Oct 2010	30	66	78	97	109	383
Nov 2008 - Oct 2009	42	94	67	103	96	402
% change	**-28.6%**	**-29.8%**	**16.4%**	**-5.8%**	**13.5%**	**-4.7%**
Persons [b]						
Nov 2009 - Oct 2010	82	323	318	363	279	1,374
Nov 2008 - Oct 2009	103	385	363	384	274	1,509
% change	**-20.4%**	**-16.1%**	**-12.4%**	**-5.5%**	**1.8%**	**-8.9%**

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	*17-25 years*	*26-39 years*	*40-59 years*	*60+ years*	***All deaths*** [a]
Occupants [b]						
Nov 2009 - Oct 2010	62	247	216	216	202	951
Nov 2008 - Oct 2009	77	300	225	233	183	1,018
% change	**-19.5%**	**-17.7%**	**-4.0%**	**-7.3%**	**10.4%**	**-6.6%**
Motorcyclists [c]						
Nov 2009 - Oct 2010	3	43	66	92	9	213
Nov 2008 - Oct 2009	3	50	82	92	9	236
% change	**0.0%**	**-14.0%**	**-19.5%**	**0.0%**	**0.0%**	**-9.7%**
Pedestrians						
Nov 2009 - Oct 2010	16	28	31	40	54	170
Nov 2008 - Oct 2009	19	33	47	48	70	217
% change	**-15.8%**	**-15.2%**	**-34.0%**	**-16.7%**	**-22.9%**	**-21.7%**

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

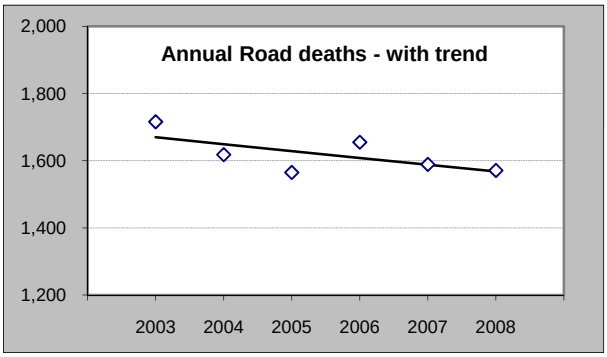
3. Estimation of five year trends

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%`