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

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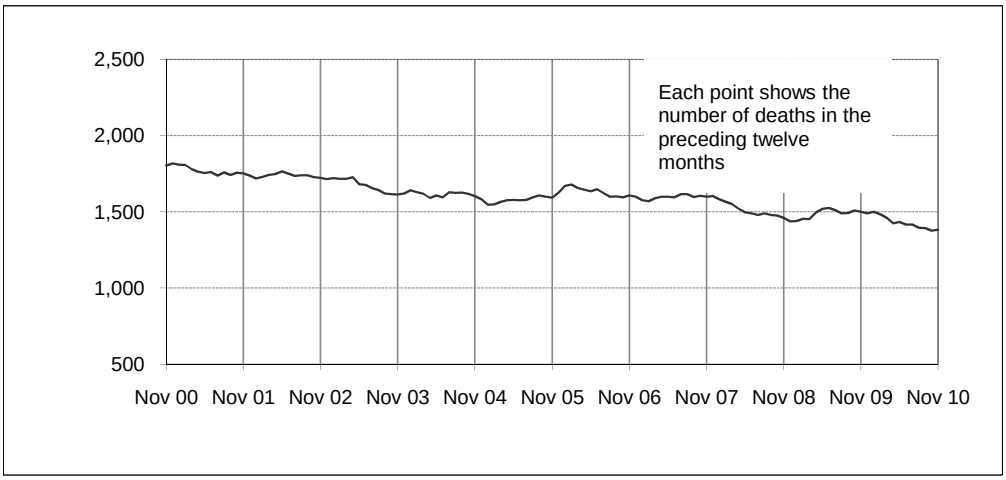
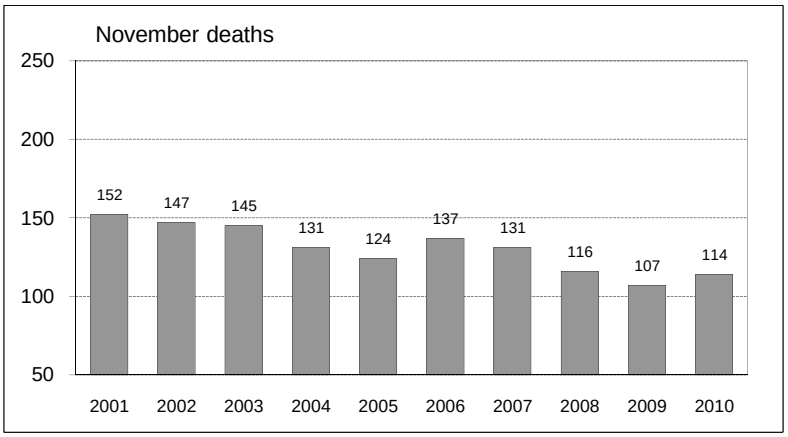
Road deaths Australia

November 2010

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



Australian road deaths for November — last 10 years



This month's key figures

There was a total of 114 road deaths in November 2010.
- this is a 6.5 per cent increase over the November 2009 figure.

There have been 1,259 road deaths in 2010 to the end of November.
- this is a 7.8 per cent decrease from the same 11 month period in 2009.

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.

December 2010 / INFRA – 1022

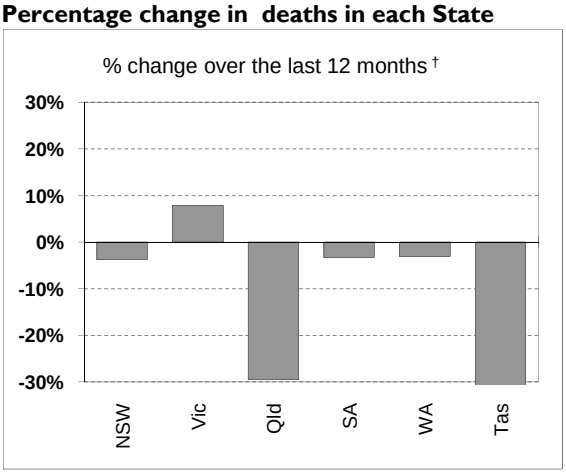
NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

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

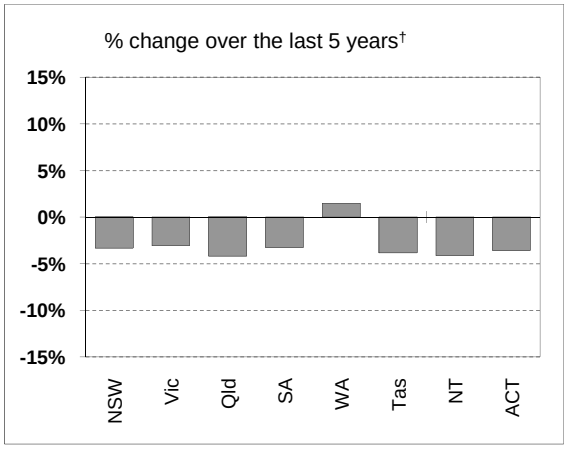
	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
Current month									
Nov 2010	36	12	23	11	25	3	4	0	114
Nov 2009	30	21	22	9	21	2	2	0	107
% change	**20.0**	**-42.9**	**4.5**	**22.2**	**19.0**	**50.0**	**100.0**	**-**	**6.5**
Year to date									
Jan 2010 - Nov 2010	400	269	222	109	170	27	44	18	1,259
Jan 2009 - Nov 2009	417	256	312	111	172	57	29	12	1,366
% change	**-4.1**	**5.1**	**-28.8**	**-1.8**	**-1.2**	**-52.6**	**51.7**	**50.0**	**-7.8**
12-months to date									
Dec 2009 - Nov 2010	436	303	241	117	188	34	46	18	1,383
Dec 2008 - Nov 2009	453	281	342	121	194	63	33	13	1,500
Difference	-17	22	-101	-4	-6	-29	13	5	-117
% change	**-3.8**	**7.8**	**-29.5**	**-3.3**	**-3.1**	**-46.0**	**39.4**	**38.5**	**-7.8**
Average annual % change over 5 years [a]									
YE November 2005 to YE November 2010	**-3.3**	**-3.0**	**-4.2**	**-3.2**	**1.5**	**-3.8**	**-4.1**	**-3.6**	**-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 November 2010 and November 2009.
NT and ACT not shown.



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

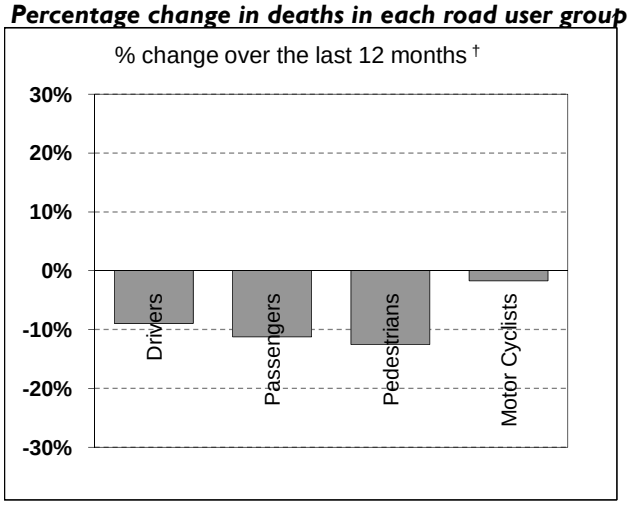
NUMBER OF DEATHS IN EACH ROAD USER GROUP

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

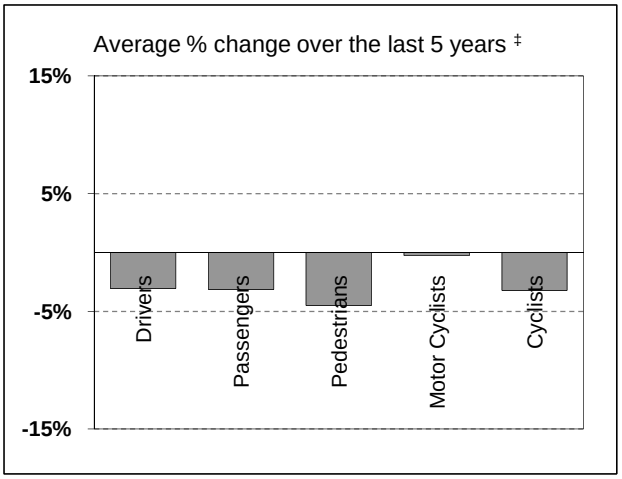
	Drivers	*Passengers*	*Pedestrians*	*Motor-cyclists* [a]	*Cyclists*	***All road users*** [b]
Males						
Dec 2009 - Nov 2010	485	149	116	211	36	1,002
Dec 2008 - Nov 2009	524	180	142	220	28	1,094
% change	**-7.4**	**-17.2**	**-18.3**	**-4.1**	**28.6**	**-8.4**
Females						
Dec 2009 - Nov 2010	166	132	57	17	4	377
Dec 2008 - Nov 2009	191	137	57	12	5	403
% change	**-13.1**	**-3.6**	**0.0**	**41.7**	**-20.0**	**-6.5**
Persons [c]						
Dec 2009 - Nov 2010	651	284	174	228	40	1,383
Dec 2008 - Nov 2009	715	320	199	232	33	1,500
% change	**-9.0**	**-11.3**	**-12.6**	**-1.7**	**21.2**	**-7.8**
Average annual % change over 5 years [d]						
YE November 2005 to YE November 2010	**-3.1**	**-3.1**	**-4.5**	**-0.3**	**-3.2**	**-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 November 2010 and November 2009. Cyclists not shown.

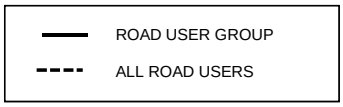


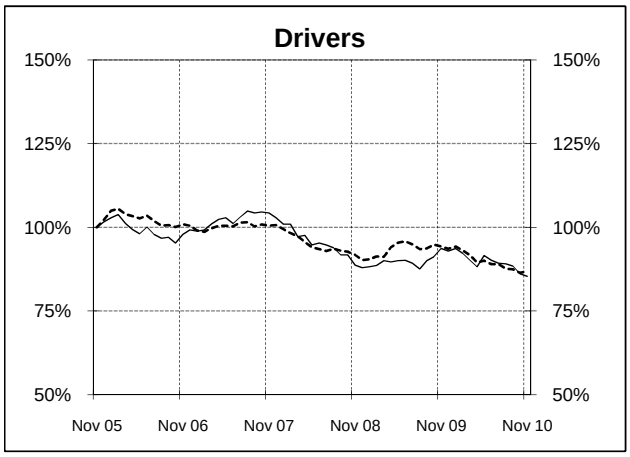
‡ Average annual percentage change based on the exponential trend from the year ending November 2005 to year ending November 2010.

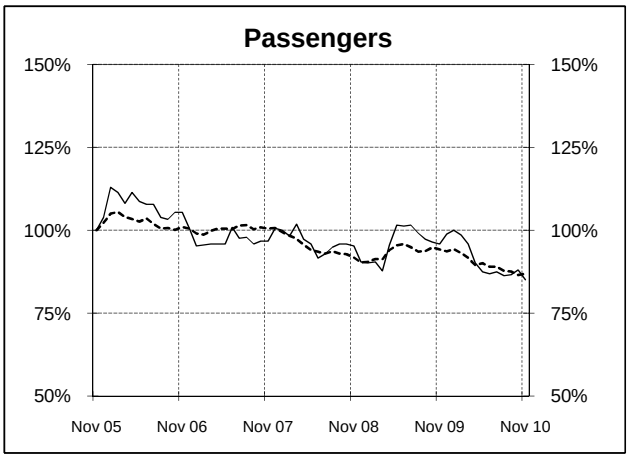
DEATHS IN EACH ROAD USER GROUP - TRENDS

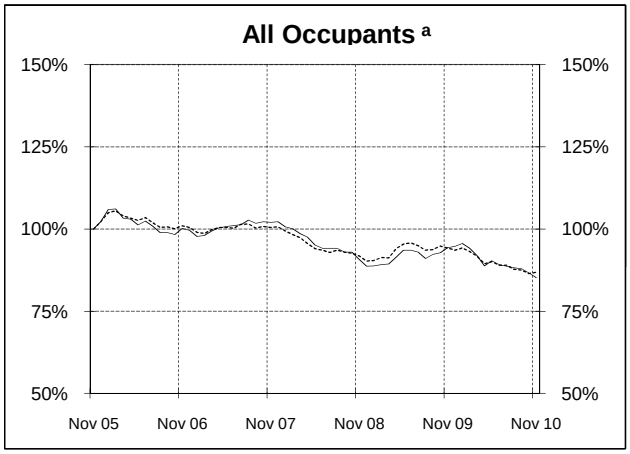
Annual deaths in each road user group - last 5 years

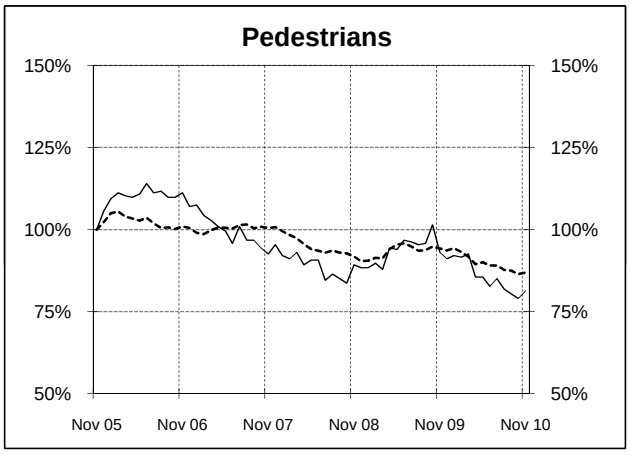
The number shown at each month represents the number of deaths in the preceding 12 months expressed as a percentage of the number of deaths in the 12 months to November 2005.

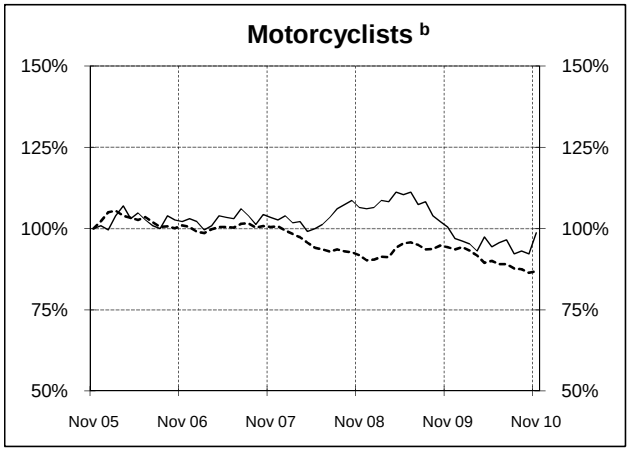


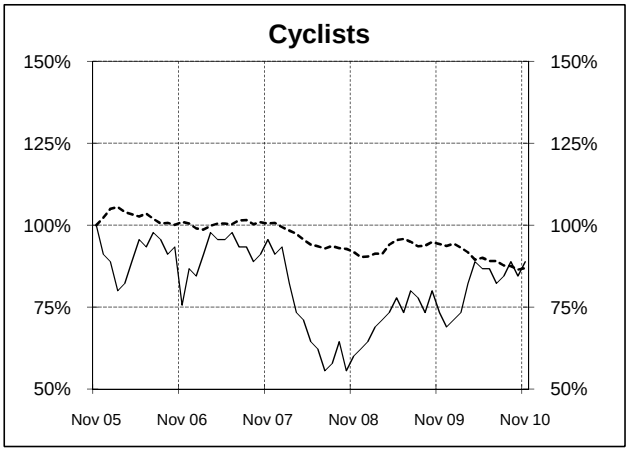












a Comprises drivers and passengers

b Includes pillion passengers

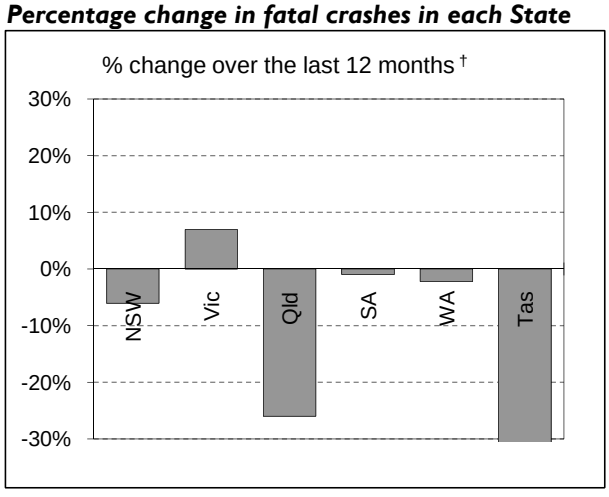
NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

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

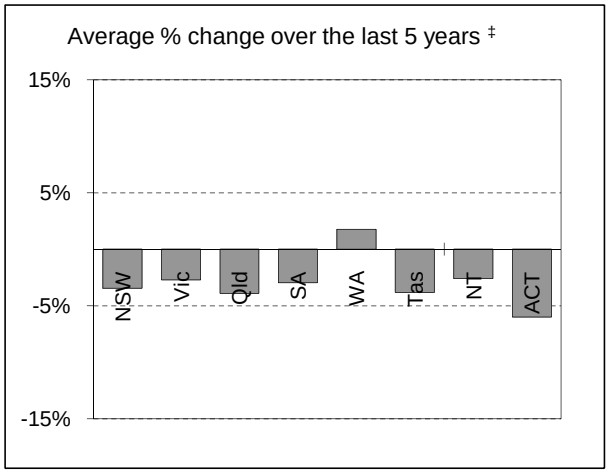
	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
Current month									
Nov 2010	32	12	23	10	23	3	4	0	107
Nov 2009	26	21	22	8	21	2	2	0	102
% change	**23.1**	**-42.9**	**4.5**	**25.0**	**9.5**	**50.0**	**100.0**	**-**	**4.9**
Year to date									
Jan 2010 - Nov 2010	362	243	210	97	158	26	42	15	1,153
Jan 2009 - Nov 2009	380	234	278	96	159	46	29	11	1,233
% change	**-4.7**	**3.8**	**-24.5**	**1.0**	**-0.6**	**-43.5**	**44.8**	**36.4**	**-6.5**
12 months to date									
Dec 2009 - Nov 2010	390	277	228	105	175	32	44	15	1,266
Dec 2008 - Nov 2009	415	259	308	106	179	51	33	12	1,363
% change	**-6.0**	**6.9**	**-26.0**	**-0.9**	**-2.2**	**-37.3**	**33.3**	**25.0**	**-7.1**
Average annual % change over 5 years [a]									
YE November 2005 to YE November 2010	**-3.4**	**-2.7**	**-3.9**	**-3.0**	**1.8**	**-3.8**	**-2.6**	**-6.0**	**-2.7**

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 November 2010 and November 2009.



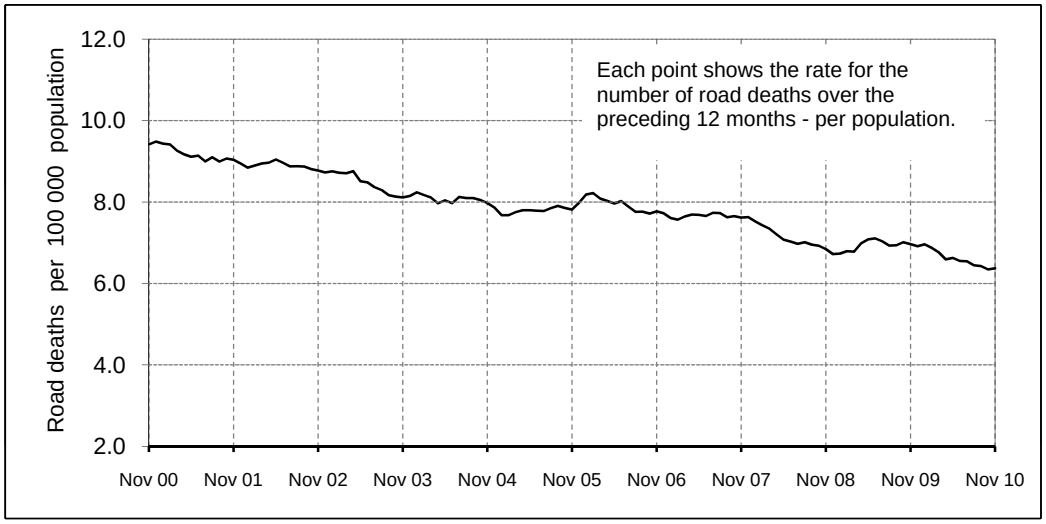
‡ Average annual percentage change based on the exponential trend from the year ending November 2005 to year ending November 2010.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	*Vic*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*	***Australia***
12-months to date									
Dec 2009 - Nov 2010	6.0	5.5	5.3	7.1	8.2	6.7	20.1	5.0	6.2
Dec 2008 - Nov 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 November 2010 and two years ended November 2005

	Speed limit (km/h) [a]			***Time of Day***	
	Up to 60	*65-95*	*100+*	*Day*	*Night* [b]
Dec 2008 - Nov 2010	30.1%	22.9%	47.1%	58.1%	41.9%
Dec 2003 - Nov 2005	32.1%	22.0%	45.9%	54.7%	45.3%

	Crash Type			***Day of week***	
	Pedestrian crash	*Other single veh. Crash*	*Other multiple veh. crash*	*Week day*	*Week-end* [c]
Dec 2008 - Nov 2010	13.9%	46.6%	39.6%	60.1%	39.9%
Dec 2003 - Nov 2005	15.2%	44.3%	40.5%	57.9%	42.1%

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 November 2010 and November 2009

	0-16 years	*17-25 years*	*26-39 years*	*40-59 years*	*60+ years*	***All deaths*** [a]
Males						
Dec 2009 - Nov 2010	49	257	246	273	174	1,002
Dec 2008 - Nov 2009	54	291	289	283	177	1,094
% change	**-9.3%**	**-11.7%**	**-14.9%**	**-3.5%**	**-1.7%**	**-8.4%**
Females						
Dec 2009 - Nov 2010	28	72	76	96	103	377
Dec 2008 - Nov 2009	41	89	71	101	101	403
% change	**-31.7%**	**-19.1%**	**7.0%**	**-5.0%**	**2.0%**	**-6.5%**
Persons [b]						
Dec 2009 - Nov 2010	80	330	322	369	277	1,383
Dec 2008 - Nov 2009	98	380	360	384	278	1,500
% change	**-18.4%**	**-13.2%**	**-10.6%**	**-3.9%**	**-0.4%**	**-7.8%**

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]						
Dec 2009 - Nov 2010	59	245	212	214	200	935
Dec 2008 - Nov 2009	75	305	229	237	189	1,035
% change	**-21.3%**	**-19.7%**	**-7.4%**	**-9.7%**	**5.8%**	**-9.7%**
Motorcyclists [c]						
Dec 2009 - Nov 2010	2	50	72	92	12	228
Dec 2008 - Nov 2009	3	46	81	93	9	232
% change	**-33.3%**	**8.7%**	**-11.1%**	**-1.1%**	**33.3%**	**-1.7%**
Pedestrians						
Dec 2009 - Nov 2010	17	30	32	45	50	174
Dec 2008 - Nov 2009	18	27	42	42	70	199
% change	**-5.6%**	**11.1%**	**-23.8%**	**7.1%**	**-28.6%**	**-12.6%**

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

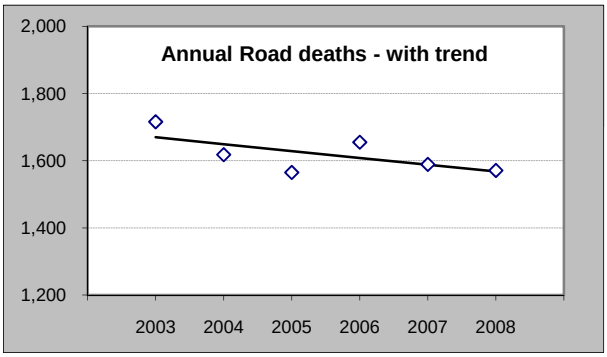
3. Estimation of five year trends

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%`