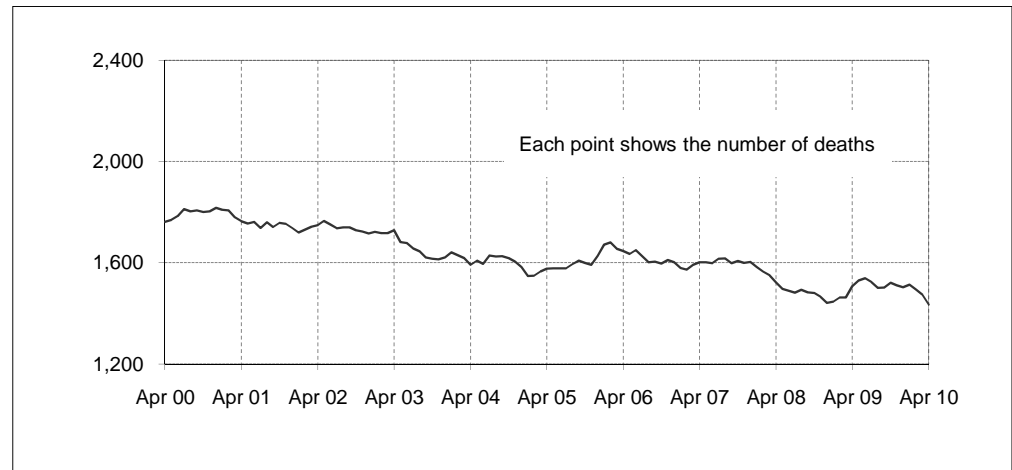



Australian road deaths for 12 months to date — last 10 years
**Inquiries**

For further information about data in this bulletin, contact:

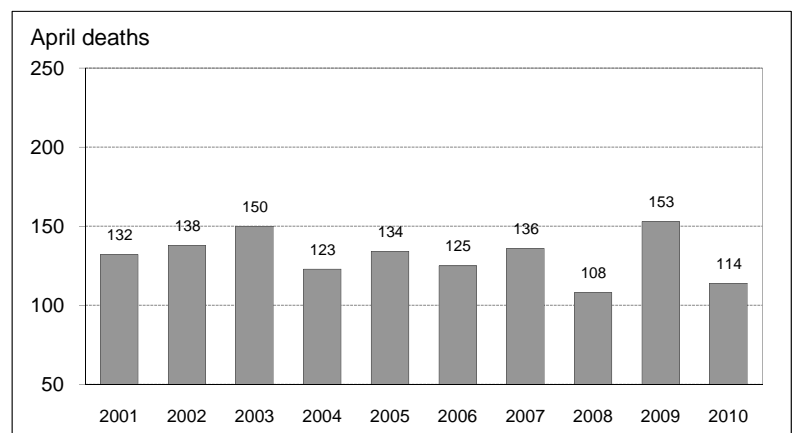
Infrastructure, Surface Transport & Road Safety Statistics
 Bureau of Infrastructure, Transport and Regional Economics
 Department of Infrastructure, Transport,
 Regional Development and Local Government
 GPO Box 594,
 Canberra, ACT 2601
 Email: roadsafety@infrastructure.gov.au
 Internet: www.infrastructure.gov.au

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 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 April — last 10 years
**This month's key figures**

There was a total of 114 road deaths in April 2010.
 - this is a 25.5 per cent decrease from the April 2009 figure.

There have been 455 road deaths in 2010 to the end of April.
 - this is a 13.0 per cent decrease from the same 4 month period in 2009.

NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

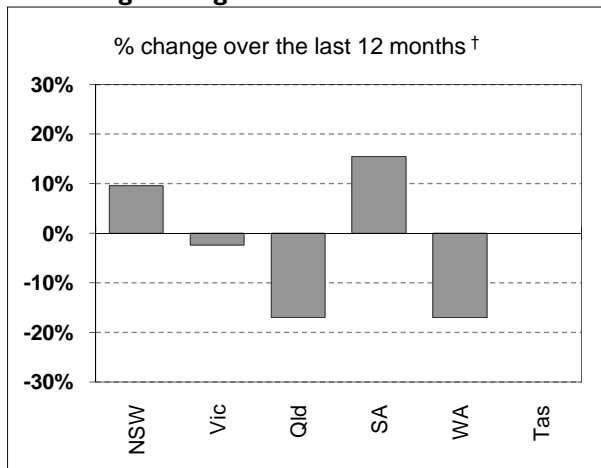
Road deaths by State/Territory

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

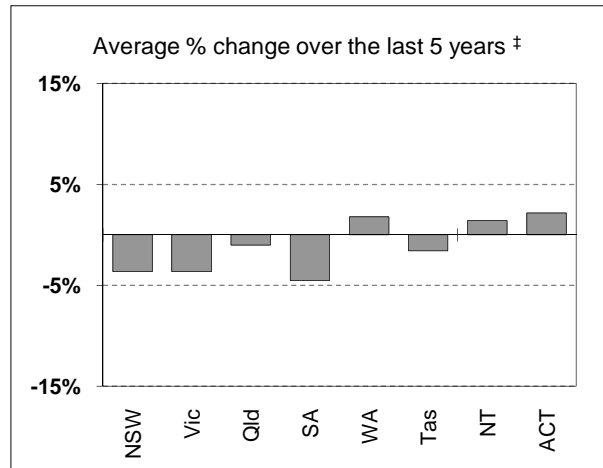
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Apr 2010	44	23	22	9	10	1	2	3	114
Apr 2009	55	32	36	7	13	7	2	1	153
% change	-20.0	-28.1	-38.9	28.6	-23.1	-85.7	0.0	200.0	-25.5
Year to date									
Jan 2010 - Apr 2010	153	104	73	49	45	11	9	11	455
Jan 2009 - Apr 2009	155	104	120	41	66	27	6	4	523
% change	-1.3	0.0	-39.2	19.5	-31.8	-59.3	50.0	175.0	-13.0
12-months to date									
May 2009 - Apr 2010	457	290	284	127	176	48	34	19	1,435
May 2008 - Apr 2009	417	297	342	110	212	48	66	15	1,507
Difference	40	-7	-58	17	-36	0	-32	4	-72
% change	9.6	-2.4	-17.0	15.5	-17.0	0.0	-48.5	26.7	-4.8
Average annual % change over 5 years^a									
YE April 2005 to YE April 2010	-3.6	-3.6	-1.0	-4.5	1.8	-1.6	1.4	2.2	-2.2

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



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

NUMBER OF DEATHS IN EACH ROAD USER GROUP

Road deaths by road user group and gender

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

	Drivers	Passengers	Pedestrians	Motor-cyclists ^a	Cyclists	All road users ^b
Males						
May 2009 - Apr 2010	512	164	136	217	36	1,065
May 2008 - Apr 2009	494	178	142	238	29	1,083
% change	3.6	-7.9	-4.2	-8.8	24.1	-1.7
Females						
May 2009 - Apr 2010	170	131	51	9	4	367
May 2008 - Apr 2009	194	140	64	19	4	421
% change	-12.4	-6.4	-20.3	-52.6	0.0	-12.8
Persons^c						
May 2009 - Apr 2010	682	298	187	226	40	1,435
May 2008 - Apr 2009	688	321	206	257	33	1,507
% change	-0.9	-7.2	-9.2	-12.1	21.2	-4.8
Average annual % change over 5 years^d						
YE April 2005 to YE April 2010	-2.6	-3.7	-2.9	2.0	-0.6	-2.2

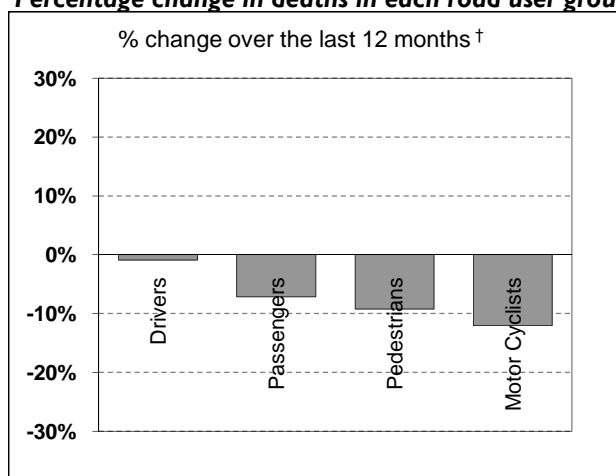
a Includes pillion passengers

b Includes road users not separately specified

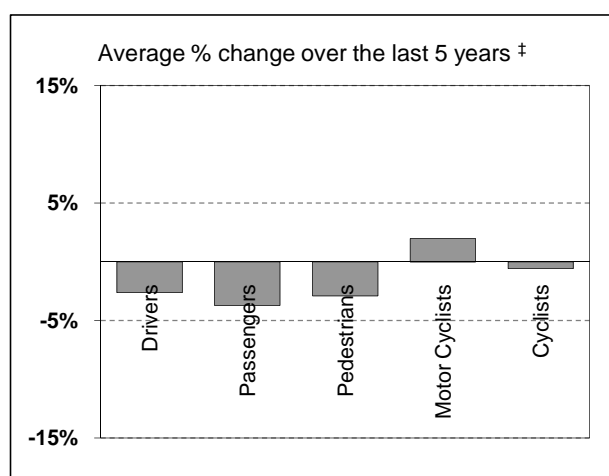
c Includes road users with unstated gender

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 April 2010 and April 2009. Cyclists not shown.

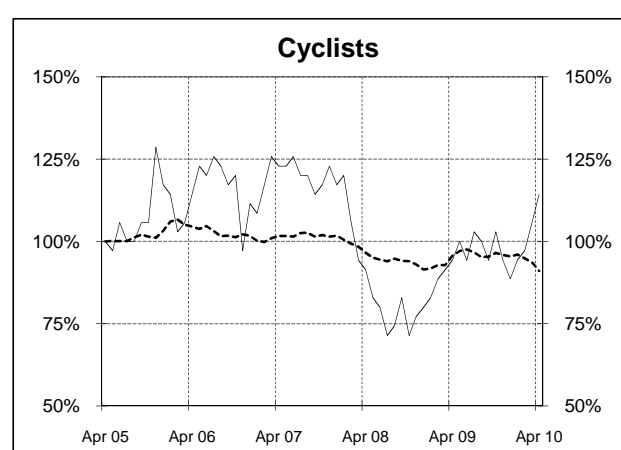
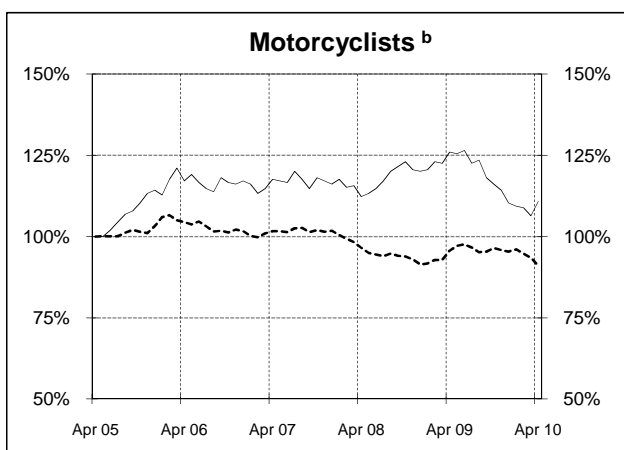
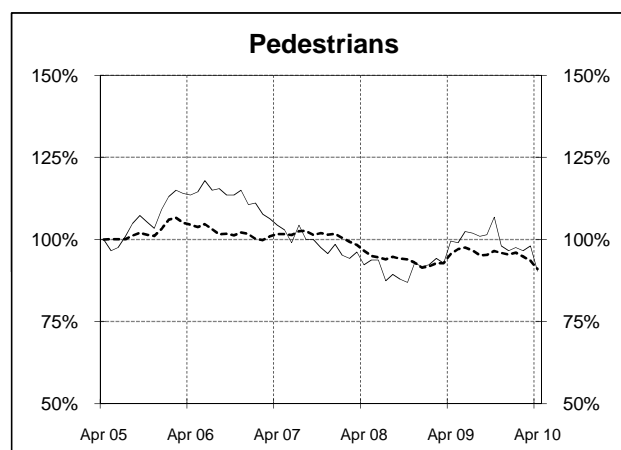
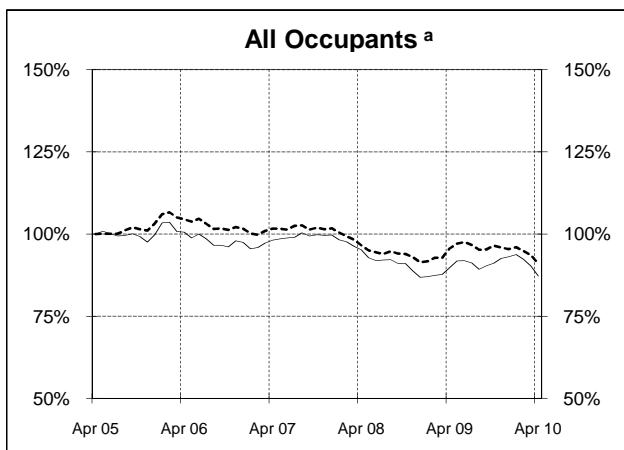
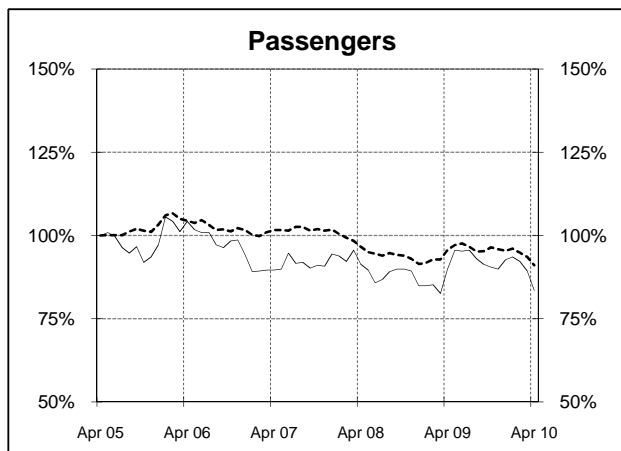
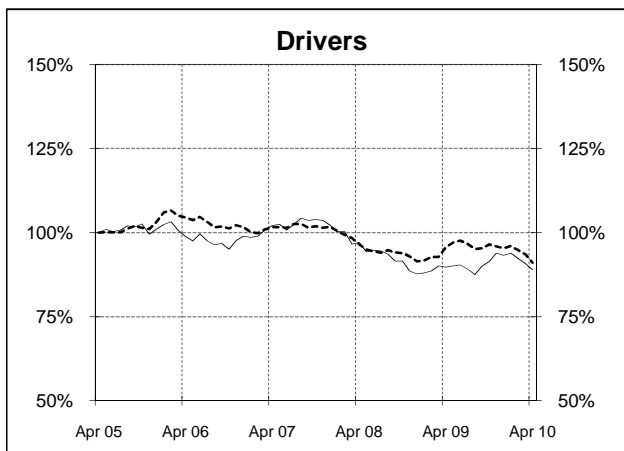
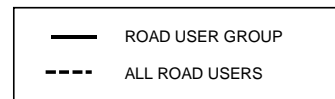


‡ Average annual percentage change based on the exponential trend from the year ending April 2005 to year ending April 2010.

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 April 2005.



a Comprises drivers and passengers

b Includes pillion passengers

NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

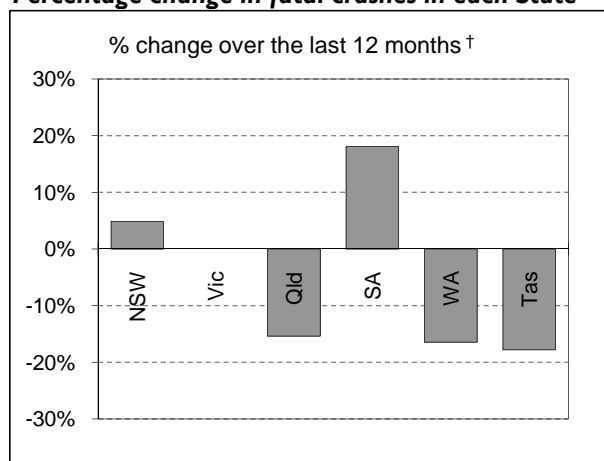
Fatal crashes by State/Territory

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

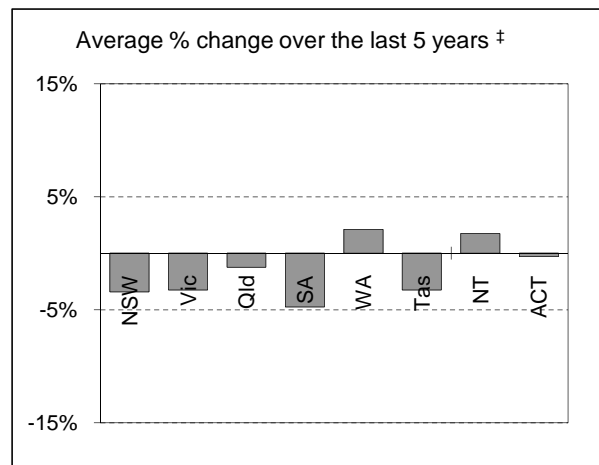
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Apr 2010	41	21	20	8	9	1	2	3	105
Apr 2009	51	28	30	5	11	6	2	1	134
% change	-19.6	-25.0	-33.3	60.0	-18.2	-83.3	0.0	200.0	-21.6
Year to date									
Jan 2010 - Apr 2010	139	94	67	41	42	10	9	8	410
Jan 2009 - Apr 2009	143	92	104	34	61	25	6	3	468
% change	-2.8	2.2	-35.6	20.6	-31.1	-60.0	50.0	166.7	-12.4
12 months to date									
May 2009 - Apr 2010	409	270	259	111	163	37	34	16	1,299
May 2008 - Apr 2009	390	270	306	94	195	45	58	14	1,372
% change	4.9	0.0	-15.4	18.1	-16.4	-17.8	-41.4	14.3	-5.3
Average annual % change over 5 years^a									
YE April 2005 to YE April 2010	-3.4	-3.2	-1.2	-4.8	2.1	-3.2	1.7	-0.3	-2.2

^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 April 2010 and April 2009.



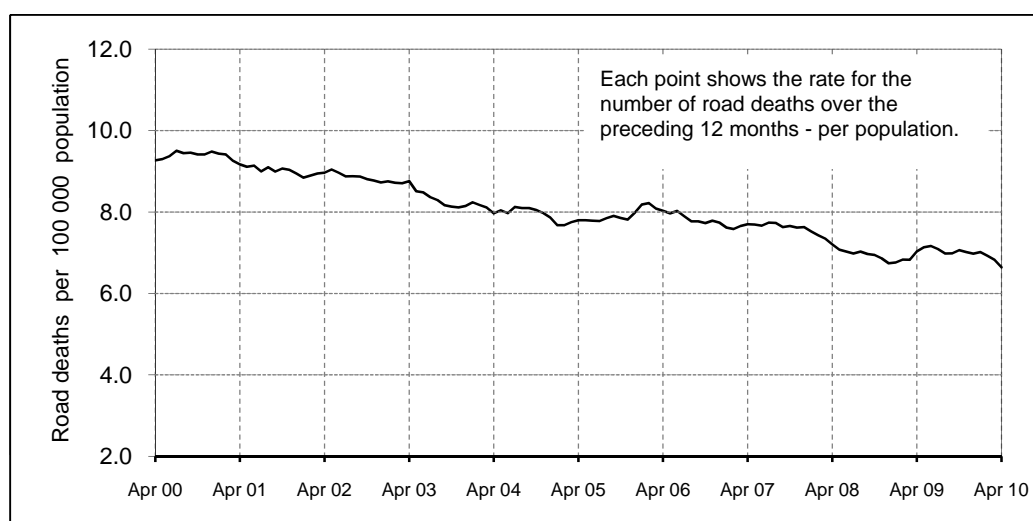
‡ Average annual percentage change based on the exponential trend from the year ending April 2005 to year ending April 2010.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
12-months to date									
May 2009 - Apr 2010	6.4	5.3	6.4	7.8	7.8	9.5	15.1	5.4	6.7
May 2008 - Apr 2009	5.9	5.6	7.9	6.8	9.7	9.6	29.8	4.3	7.0
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 April 2010 and two years ended April 2005

	Speed limit (km/h) ^a			Time of Day	
	Up to 60	65-95	100+	Day	Night ^b
May 2008 - Apr 2010	32.2%	22.9%	44.9%	57.5%	42.5%
May 2003 - Apr 2005	31.9%	23.2%	44.9%	54.2%	45.8%
	Crash Type			Day of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end ^c
May 2008 - Apr 2010	14.4%	47.2%	38.4%	60.8%	39.2%
May 2003 - Apr 2005	15.3%	44.4%	40.3%	58.8%	41.2%

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 April 2010 and April 2009

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths ^a
Males							
May 2009 - Apr 2010	56	123	120	261	285	214	1,065
May 2008 - Apr 2009	53	142	165	297	267	159	1,083
% change	5.7	-13.4	-27.3	-12.1	6.7	34.6	-1.7
Females							
May 2009 - Apr 2010	40	37	31	61	97	100	367
May 2008 - Apr 2009	29	66	29	76	109	112	421
% change	37.9	-43.9	6.9	-19.7	-11.0	-10.7	-12.8
Persons^b							
May 2009 - Apr 2010	99	160	151	322	382	314	1,435
May 2008 - Apr 2009	85	208	194	373	376	271	1,507
% change	16.5	-23.1	-22.2	-13.7	1.6	15.9	-4.8

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	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths ^a
Occupants^b							
May 2009 - Apr 2010	75	129	116	214	232	209	980
May 2008 - Apr 2009	66	161	137	224	236	185	1,009
% change	13.6	-19.9	-15.3	-4.5	-1.7	13.0	-2.9
Motorcyclists^c							
May 2009 - Apr 2010	3	15	23	72	101	12	226
May 2008 - Apr 2009	2	26	36	96	79	18	257
% change	50.0	-42.3	-36.1	-25.0	27.8	-33.3	-12.1
Pedestrians							
May 2009 - Apr 2010	20	16	9	30	36	74	187
May 2008 - Apr 2009	14	19	18	43	50	62	206
% change	42.9	-15.8	-50.0	-30.2	-28.0	19.4	-9.2

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

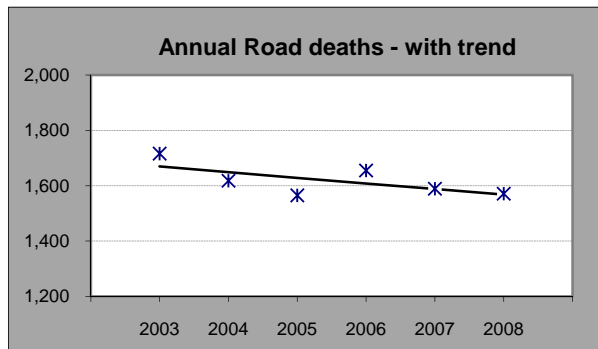
3. Estimation of five year trends

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