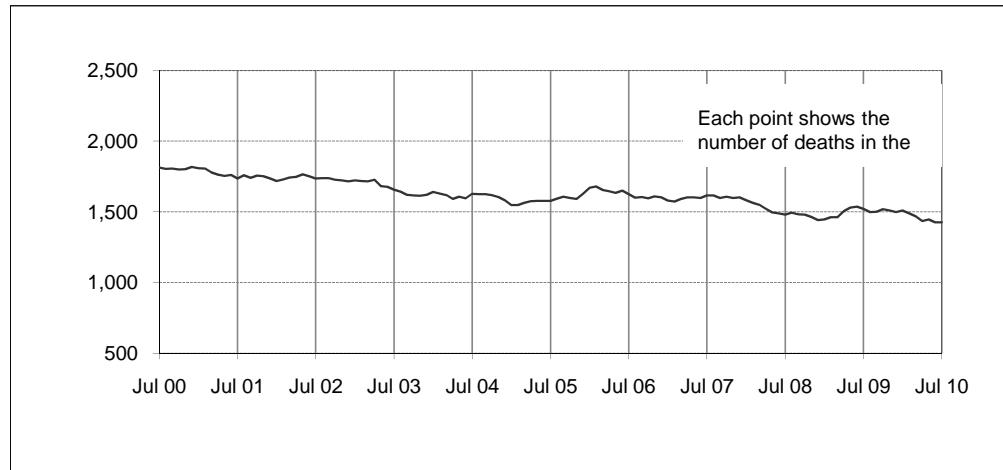



Australian road deaths for 12 months to date — last 10 years
**Inquiries**

For further information about data in this bulletin, contact:

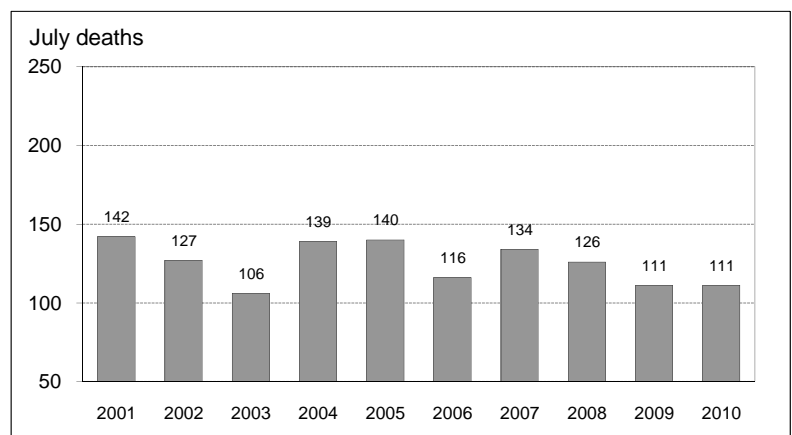
Infrastructure, Surface Transport & Road Safety Statistics
 Bureau of Infrastructure, Transport and Regional Economics
 Department of Infrastructure, Transport,
 Regional Development and Local Government
 GPO Box 594,
 Canberra, ACT 2601
 Email: roadsafety@infrastructure.gov.au
 Internet: www.infrastructure.gov.au

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

There was a total of 111 road deaths in July 2010.
 - this is a 0.0 per cent increase over the July 2009 figure.

There have been 822 road deaths in 2010 to the end of July.
 - this is a 8.2 per cent decrease from the same 7 month period in 2009.

NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

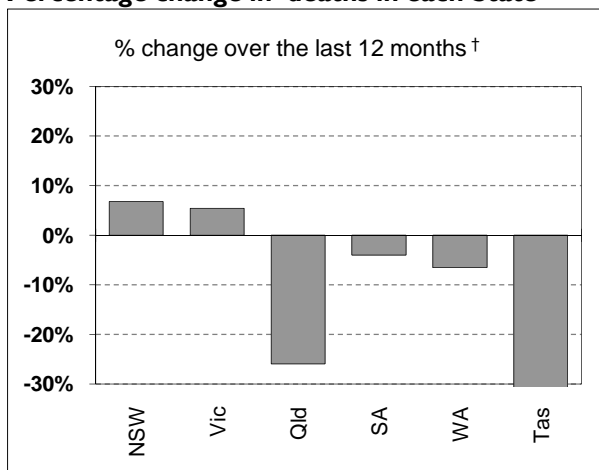
Road deaths by State/Territory

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

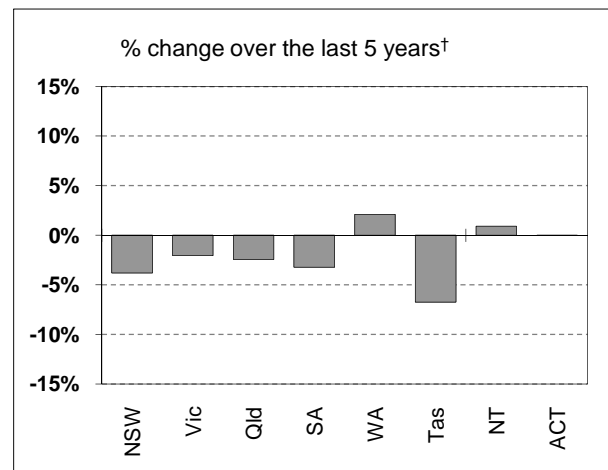
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Jul 2010	28	26	22	7	14	2	10	2	111
Jul 2009	27	19	32	5	10	14	3	1	111
% change	3.7	36.8	-31.3	40.0	40.0	-85.7	233.3	100.0	0.0
Year to date									
Jan 2010 - Jul 2010	252	191	142	76	98	19	27	17	822
Jan 2009 - Jul 2009	252	172	213	75	108	51	16	8	895
% change	0.0	11.0	-33.3	1.3	-9.3	-62.7	68.8	112.5	-8.2
12-months to date									
Aug 2009 - Jul 2010	455	309	260	120	187	32	42	21	1,426
Aug 2008 - Jul 2009	426	293	351	125	200	61	52	13	1,521
Difference	29	16	-91	-5	-13	-29	-10	8	-95
% change	6.8	5.5	-25.9	-4.0	-6.5	-47.5	-19.2	61.5	-6.2
Average annual % change over 5 years^a									
YE July 2005 to YE July 2010	-3.8	-2.1	-2.4	-3.2	2.1	-6.7	0.9	0.0	-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 July 2010 and July 2009.
NT and ACT not shown.



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

NUMBER OF DEATHS IN EACH ROAD USER GROUP

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

	Drivers	Passengers	Pedestrians	Motor-cyclists ^a	Cyclists	All road users ^b
Males						
Aug 2009 - Jul 2010	513	156	128	209	34	1,040
Aug 2008 - Jul 2009	495	189	148	235	30	1,098
% change	3.6	-17.5	-13.5	-11.1	13.3	-5.3
Females						
Aug 2009 - Jul 2010	175	132	57	13	3	382
Aug 2008 - Jul 2009	189	150	61	15	6	421
% change	-7.4	-12.0	-6.6	-13.3	-50.0	-9.3
Persons^c						
Aug 2009 - Jul 2010	689	291	185	222	37	1,426
Aug 2008 - Jul 2009	684	341	209	250	36	1,521
% change	0.7	-14.7	-11.5	-11.2	2.8	-6.2
Average annual % change over 5 years^d						
YE July 2005 to YE July 2010	-2.6	-3.0	-3.3	1.1	-2.4	-2.2

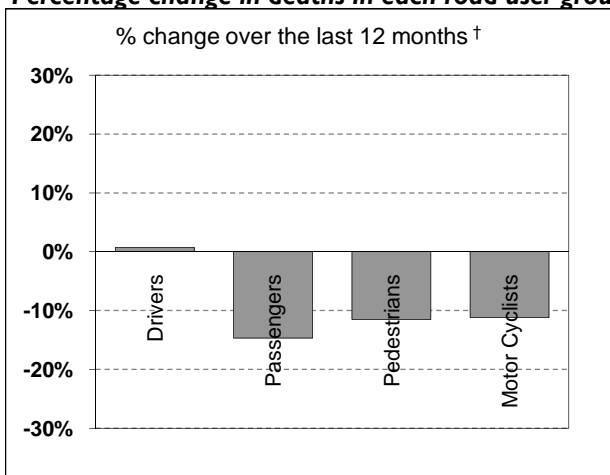
a Includes pillion passengers

b Includes road users not separately specified

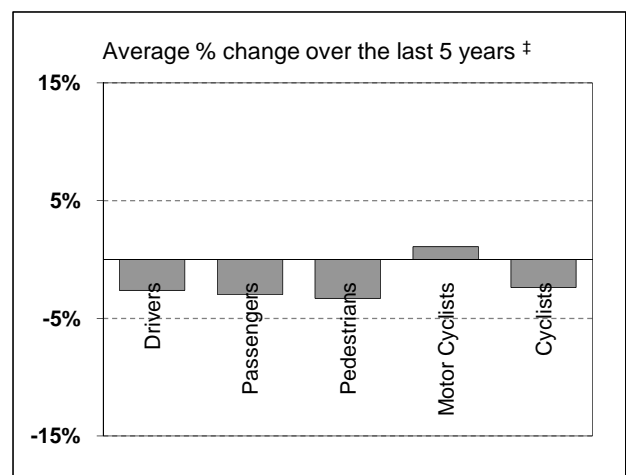
c Includes road users with unstated gender

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 July 2010 and July 2009.
Cyclists not shown.

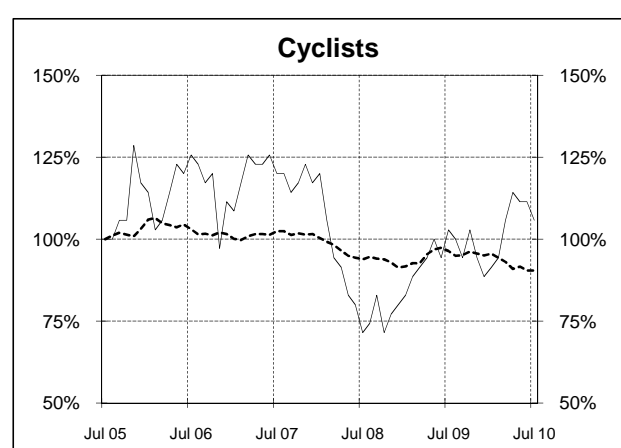
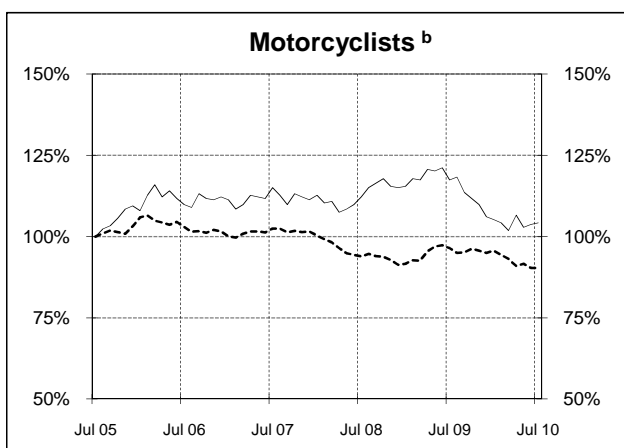
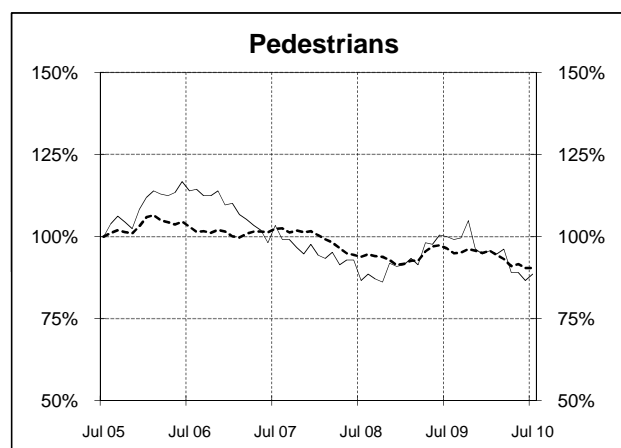
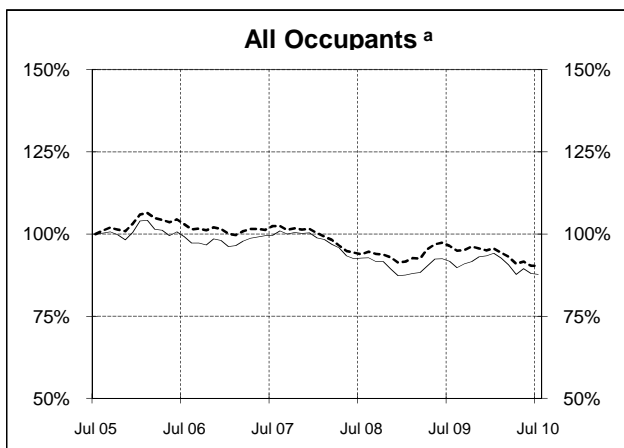
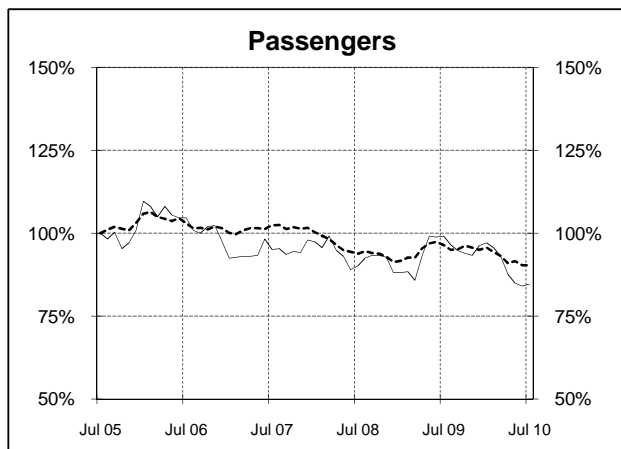
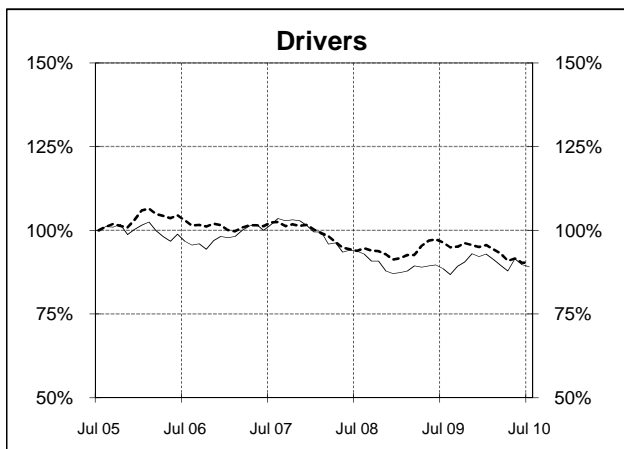
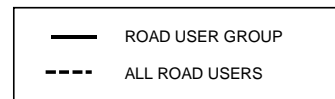


‡ Average annual percentage change based on the exponential trend from the year ending July 2005 to year ending July 2010.

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 July 2005.



a Comprises drivers and passengers

b Includes pillion passengers

NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

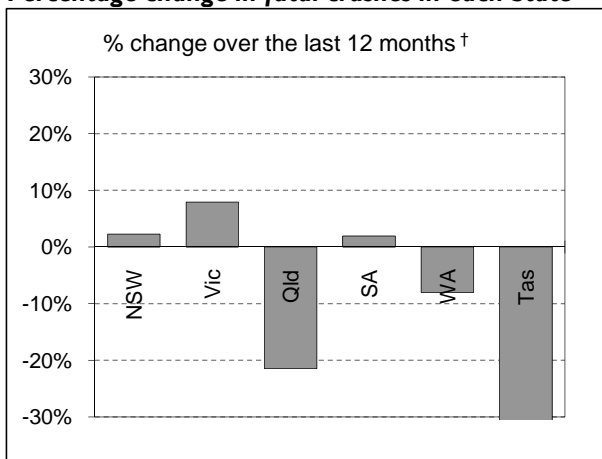
Fatal crashes by State/Territory

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

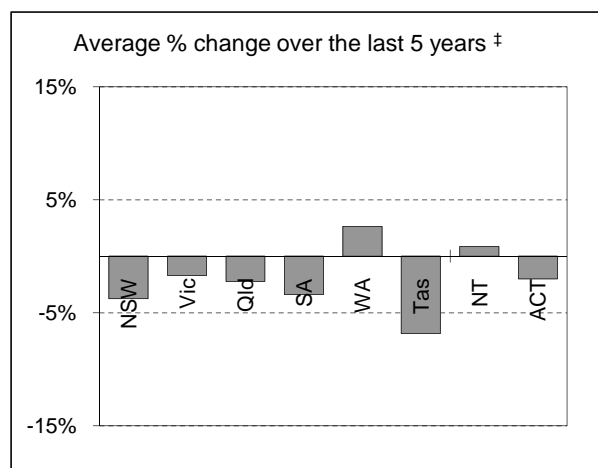
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Jul 2010	28	25	22	6	13	2	8	2	106
Jul 2009	25	19	29	5	9	7	3	1	98
% change	12.0	31.6	-24.1	20.0	44.4	-71.4	166.7	100.0	8.2
Year to date									
Jan 2010 - Jul 2010	231	170	133	66	91	18	25	14	748
Jan 2009 - Jul 2009	234	152	184	63	101	40	16	7	797
% change	-1.3	11.8	-27.7	4.8	-9.9	-55.0	56.3	100.0	-6.1
12 months to date									
Aug 2009 - Jul 2010	406	286	245	107	172	30	40	18	1,304
Aug 2008 - Jul 2009	397	265	312	105	187	49	45	12	1,372
% change	2.3	7.9	-21.5	1.9	-8.0	-38.8	-11.1	50.0	-5.0
Average annual % change over 5 years^a									
YE July 2005 to YE July 2010	-3.7	-1.7	-2.2	-3.4	2.7	-6.8	0.9	-2.0	-2.1

^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 July 2010 and July 2009.



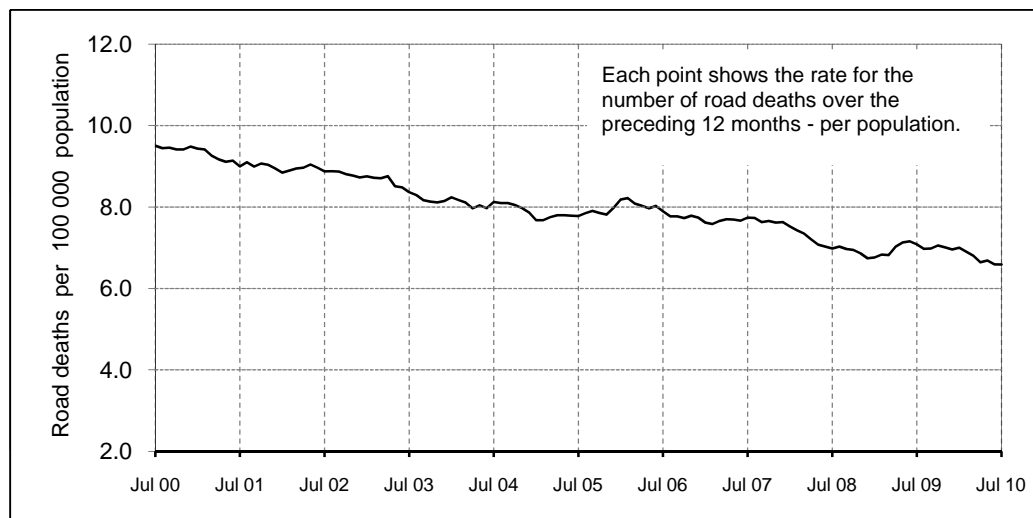
‡ Average annual percentage change based on the exponential trend from the year ending July 2005 to year ending July 2010.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
12-months to date									
Aug 2009 - Jul 2010	6.3	5.6	5.8	7.3	8.2	6.3	18.4	5.9	6.4
Aug 2008 - Jul 2009	6.0	5.4	8.0	7.7	9.0	12.2	23.3	3.7	7.0
Calendar year									
2009	6.4	5.3	7.5	7.3	8.8	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 July 2010 and two years ended July 2005

	Speed limit (km/h) ^a			Time of Day	
	Up to 60	65-95	100+	Day	Night ^b
Aug 2008 - Jul 2010	31.3%	22.8%	45.8%	57.7%	42.3%
Aug 2003 - Jul 2005	32.2%	22.5%	45.3%	54.5%	45.5%
	Crash Type			Day of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end ^c
Aug 2008 - Jul 2010	14.4%	46.9%	38.7%	60.1%	39.9%
Aug 2003 - Jul 2005	15.4%	44.5%	40.1%	58.5%	41.5%

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 July 2010 and July 2009

	0-16 years	17-25 years	26-39 years	40-59 years	60+ years	All deaths ^a
Males						
Aug 2009 - Jul 2010	48	245	252	289	201	1,040
Aug 2008 - Jul 2009	58	295	297	273	175	1,098
% change	-17.2	-16.9	-15.2	5.9	14.9	-5.3
Females						
Aug 2009 - Jul 2010	34	64	69	103	110	382
Aug 2008 - Jul 2009	41	101	74	99	106	421
% change	-17.1	-36.6	-6.8	4.0	3.8	-9.3
Persons^b						
Aug 2009 - Jul 2010	86	309	321	392	311	1,426
Aug 2008 - Jul 2009	101	396	371	372	281	1,521
% change	-14.9	-22.0	-13.5	5.4	10.7	-6.2

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						
Aug 2009 - Jul 2010	67	237	220	234	216	980
Aug 2008 - Jul 2009	78	306	227	227	187	1,025
% change	-14.1	-22.5	-3.1	3.1	15.5	-4.4
Motorcyclists^c						
Aug 2009 - Jul 2010	2	41	65	103	11	222
Aug 2008 - Jul 2009	3	51	92	86	18	250
% change	-33.3	-19.6	-29.3	19.8	-38.9	-11.2
Pedestrians						
Aug 2009 - Jul 2010	17	28	31	40	68	185
Aug 2008 - Jul 2009	16	35	42	49	67	209
% change	6.3	-20.0	-26.2	-18.4	1.5	-11.5

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

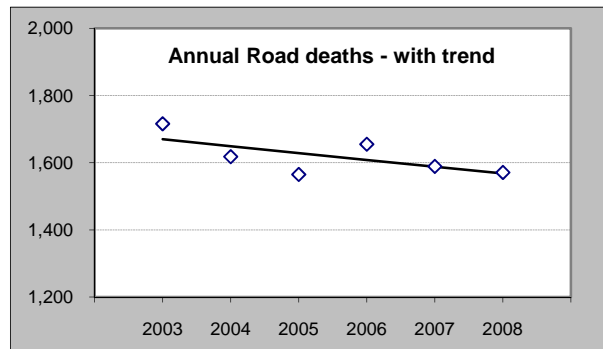
3. Estimation of five year trends

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