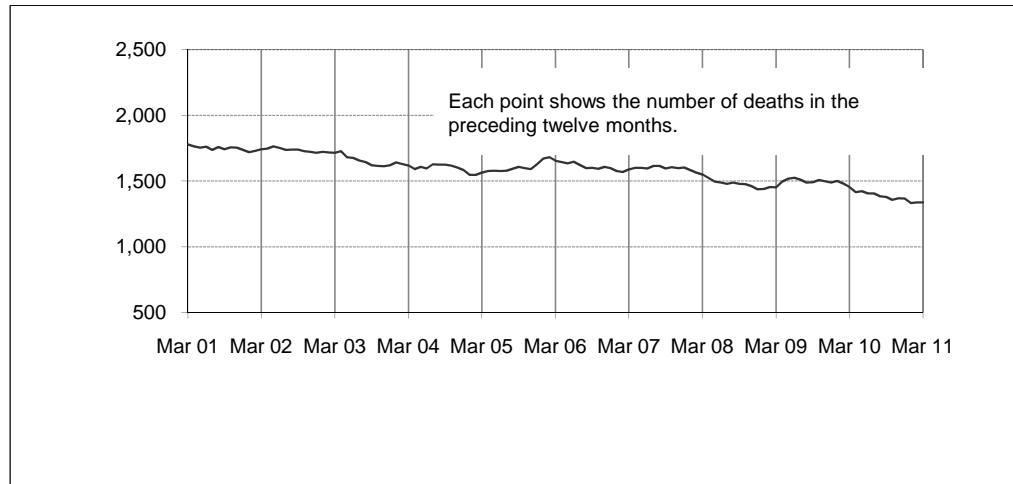




Australian road deaths for 12 months to date

— 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 and Transport,
 GPO Box 594,
 Canberra, ACT 2601
 Email: roadsafety@infrastructure.gov.au
 Internet: www.infrastructure.gov.au

Data Sources

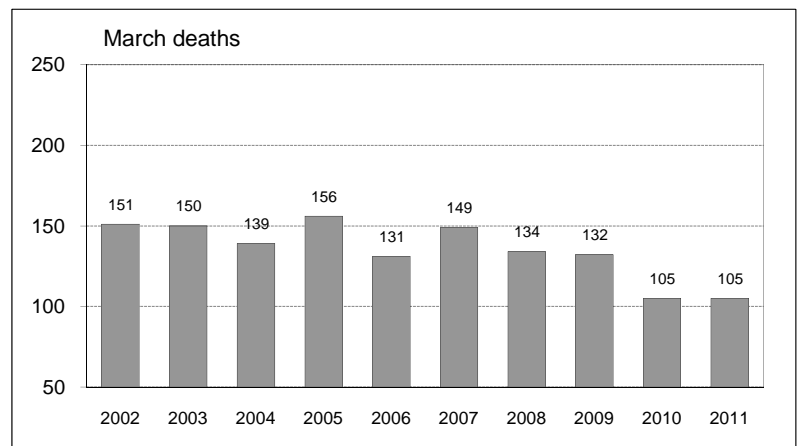
The data presented here are obtained from the following sources:

- 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.

Australian road deaths for March

— last 10 years



This month's key figures

There was a total of 105 road deaths in March 2011.

- this is a 0.0 per cent increase over the March 2010 figure.

There have been 300 road deaths in 2011 to the end of March.

- this is a 8.8 per cent decrease from the same 3 month period in 2010.

NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

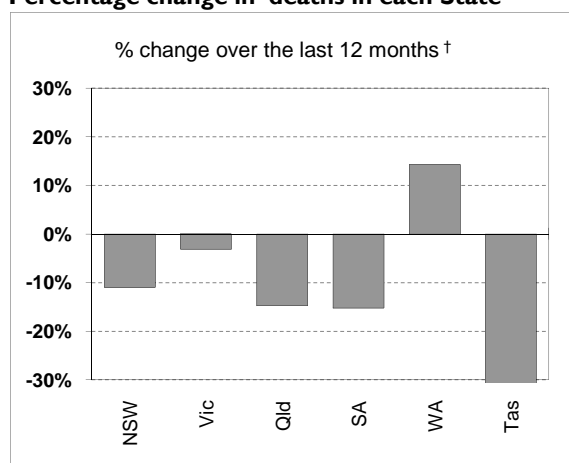
Road deaths by State/Territory

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

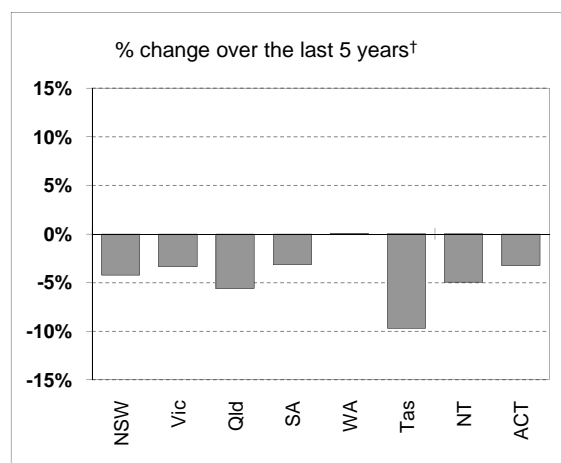
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Mar 2011	30	30	23	7	9	2	0	4	105
Mar 2010	27	23	16	10	17	4	3	5	105
% change	11.1	30.4	43.8	-30.0	-47.1	-50.0	-100.0	-20.0	0.0
Year to date									
Jan 2011 - Mar 2011	91	69	56	28	40	8	2	6	300
Jan 2010 - Mar 2010	104	74	51	40	33	10	9	8	329
% change	-12.5	-6.8	9.8	-30.0	21.2	-20.0	-77.8	-25.0	-8.8
12-months to date									
Apr 2010 - Mar 2011	408	283	254	106	200	29	42	16	1,338
Apr 2009 - Mar 2010	458	292	298	125	175	53	36	17	1,454
Difference	-50	-9	-44	-19	25	-24	6	-1	-116
% change	-10.9	-3.1	-14.8	-15.2	14.3	-45.3	16.7	-5.9	-8.0
Average annual % change over 5 years^a									
YE March 2006 to YE March 2011	-4.2	-3.4	-5.6	-3.2	0.0	-9.7	-4.9	-3.2	-3.9

^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 March 2011 and March 2010.
NT and ACT not shown.



‡ Average annual percentage change based on the exponential trend from the year ending March 2006 to year ending March 2011.

NUMBER OF DEATHS IN EACH ROAD USER GROUP

Road deaths by road user group and gender

for 12 months ended March 2011, March 2010 and five year trend

	Drivers	Passengers	Pedestrians	Motor-cyclists ^a	Cyclists	All road users ^b
Males						
Apr 2010 - Mar 2011	466	143	117	209	30	965
Apr 2009 - Mar 2010	509	177	143	205	31	1,065
% change	-8.4	-19.2	-18.2	2.0	-3.2	-9.4
Females						
Apr 2010 - Mar 2011	161	132	55	18	4	370
Apr 2009 - Mar 2010	174	140	55	10	5	386
% change	-7.5	-5.7	0.0	80.0	-20.0	-4.1
Persons^c						
Apr 2010 - Mar 2011	628	277	172	227	34	1,339
Apr 2009 - Mar 2010	683	320	198	215	36	1,454
% change	-8.1	-13.4	-13.1	5.6	-5.6	-7.9
Average annual % change over 5 years^d						
YE March 2006 to YE March 2011	-4.1	-4.1	-5.4	-1.7	-3.0	-3.9

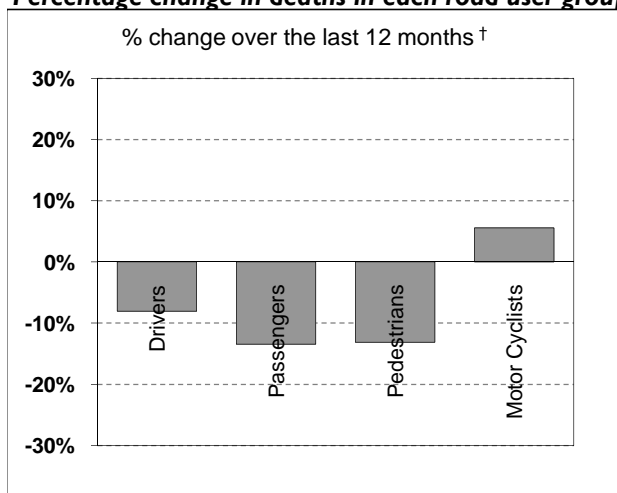
a Includes pillion passengers

b Includes road users not separately specified

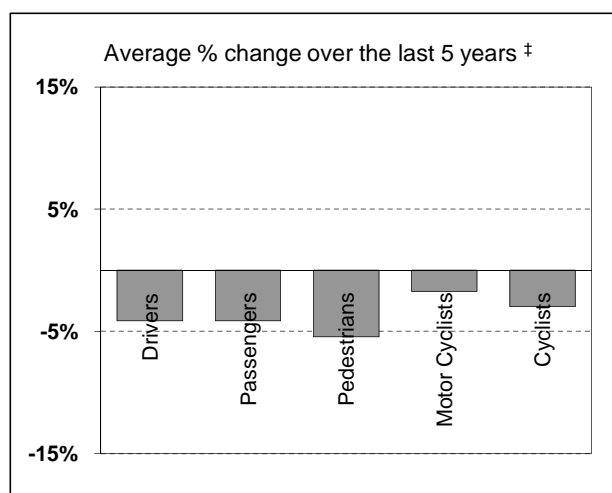
c Includes road users with unstated gender

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 March 2011 and March 2010. Cyclists not shown.

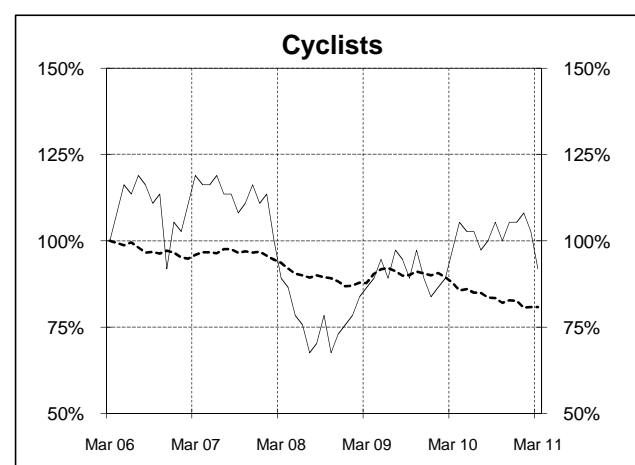
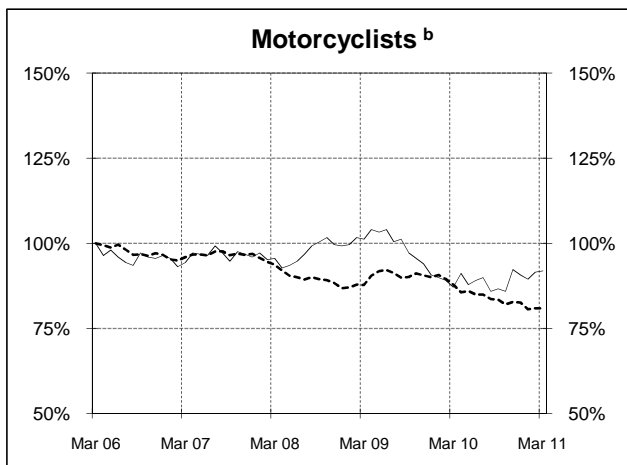
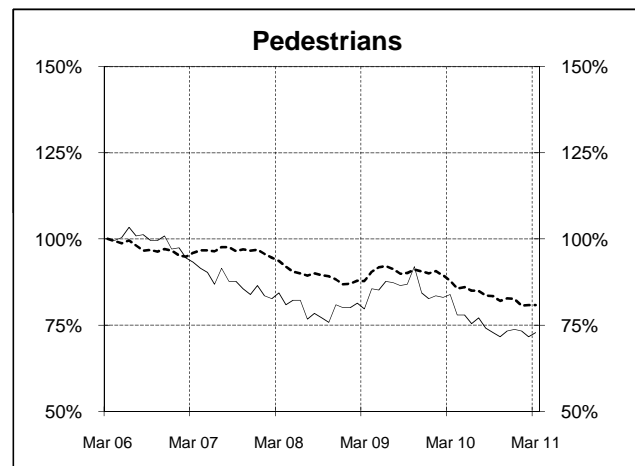
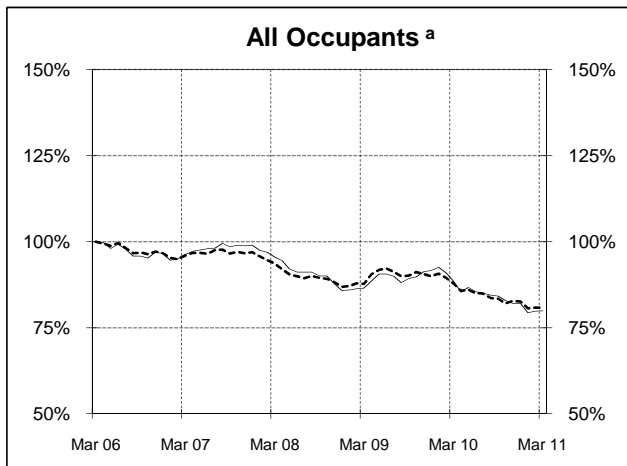
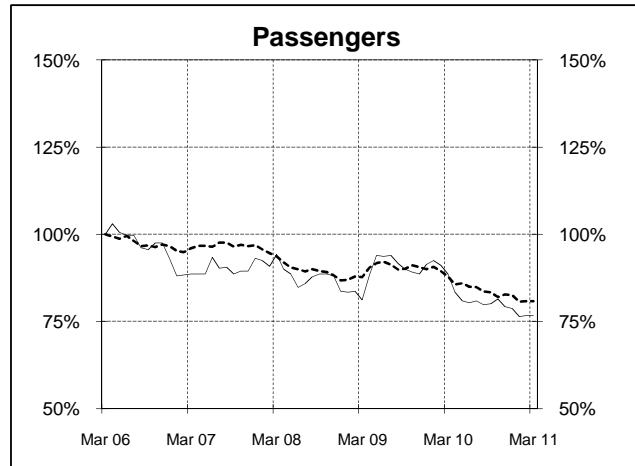
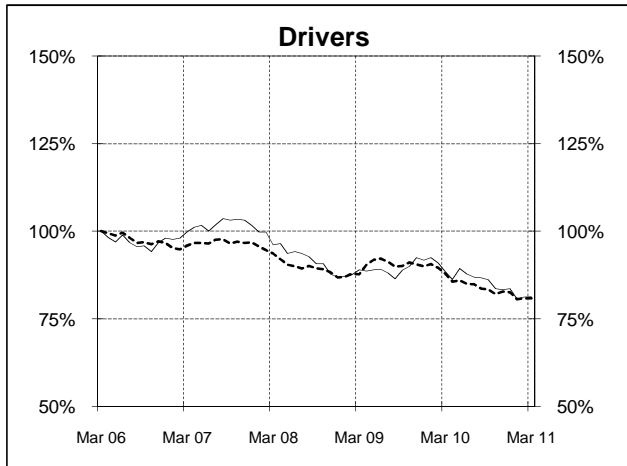
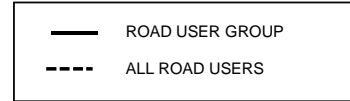


‡ Average annual percentage change based on the exponential trend from the year ending March 2006 to year ending March 2011.

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 March 2006.



a Comprises drivers and passengers

b Includes pillion passengers

NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

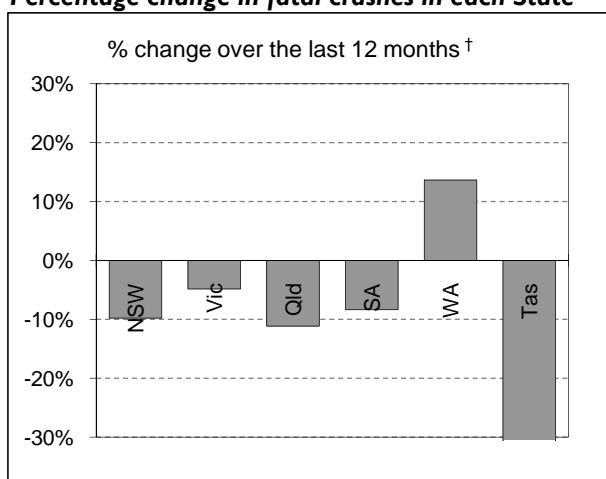
Fatal crashes by State/Territory

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

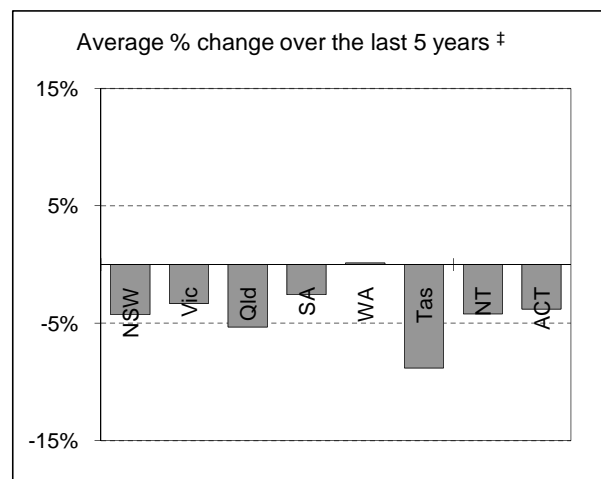
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Mar 2011	27	26	20	7	9	2	0	4	95
Mar 2010	26	23	15	10	16	4	3	2	99
% change	3.8	13.0	33.3	-30.0	-43.8	-50.0	-100.0	100.0	-4.0
Year to date									
Jan 2011 - Mar 2011	82	63	50	27	38	8	2	6	276
Jan 2010 - Mar 2010	93	66	47	33	31	9	9	5	293
% change	-11.8	-4.5	6.4	-18.2	22.6	-11.1	-77.8	20.0	-5.8
12 months to date									
Apr 2010 - Mar 2011	370	257	239	99	183	28	39	16	1,231
Apr 2009 - Mar 2010	410	270	269	108	161	42	36	14	1,310
% change	-9.8	-4.8	-11.2	-8.3	13.7	-33.3	8.3	14.3	-6.0
Average annual % change over 5 years ^a									
YE March 2006 to YE March 2011	-4.3	-3.3	-5.3	-2.6	0.1	-8.8	-4.2	-3.8	-3.8

^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 March 2011 and March 2010.



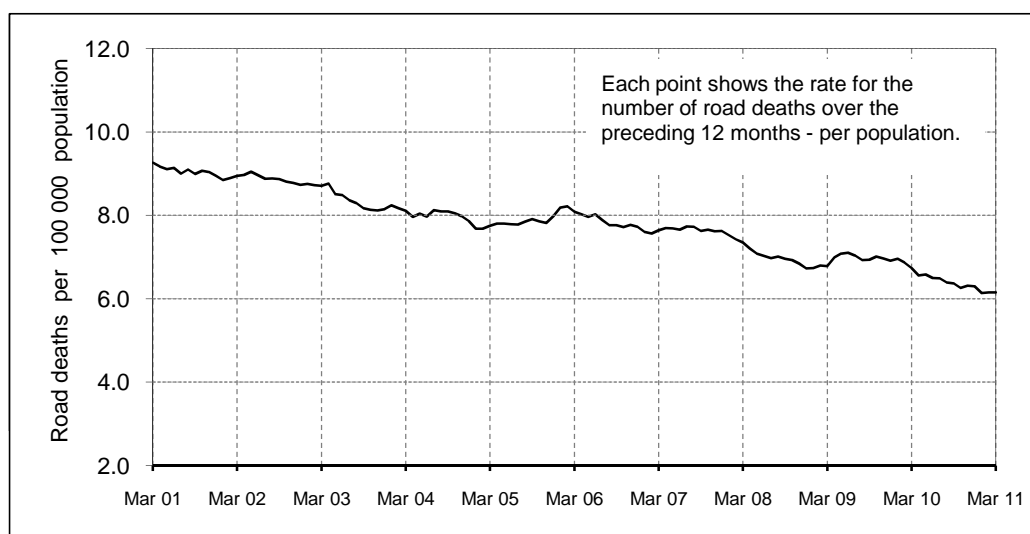
‡ Average annual percentage change based on the exponential trend from the year ending March 2006 to year ending March 2011.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
12-months to date									
Apr 2010 - Mar 2011	5.6	5.1	5.6	6.4	8.7	5.7	18.2	4.4	6.0
Apr 2009 - Mar 2010	6.4	5.3	6.7	7.7	7.7	10.5	15.8	4.8	6.6
Calendar year									
2010	5.8	5.2	5.5	7.2	8.4	6.1	21.3	5.0	6.1
2005	7.5	6.9	8.3	9.5	8.1	10.5	26.7	7.9	8.0

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 March 2011 and two years ended March 2006

	Speed limit (km/h) ^a			Time of Day	
	Up to 60	65-95	100+	Day	Night ^b
Apr 2009 - Mar 2011	30.0%	22.7%	47.3%	58.8%	41.2%
Apr 2004 - Mar 2006	32.7%	21.8%	45.5%	54.6%	45.4%
	Crash Type			Day of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end ^c
Apr 2009 - Mar 2011	14.2%	45.7%	40.1%	59.9%	40.1%
Apr 2004 - Mar 2006	14.8%	45.0%	40.2%	58.0%	42.0%

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 March 2011 and March 2010

	0-16 years	17-25 years	26-39 years	40-59 years	60+ years	All deaths^a	
Males							
Apr 2010 - Mar 2011	46	246	231	271	169	965	
Apr 2009 - Mar 2010	59	253	260	288	205	1,065	
% change	-22.0%	-2.8%	-11.2%	-5.9%	-17.6%	-9.4%	
Females							
Apr 2010 - Mar 2011	23	74	67	84	112	370	
Apr 2009 - Mar 2010	41	77	64	101	102	386	
% change	-43.9%	-3.9%	4.7%	-16.8%	9.8%	-4.1%	
Persons^b							
Apr 2010 - Mar 2011	69	320	298	355	281	0	1,339
Apr 2009 - Mar 2010	100	330	324	389	307	0	1,454
% change	-31.0%	-3.0%	-8.0%	-8.7%	-8.5%	-7.9%	

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^d							
Apr 2010 - Mar 2011	57	239	193	208	206	905	
Apr 2009 - Mar 2010	99	262	217	239	205	1,003	
% change	-42.4%	-8.8%	-11.1%	-13.0%	0.5%	-9.8%	
Motorcyclists^c							
Apr 2010 - Mar 2011	1	56	65	87	18	227	
Apr 2009 - Mar 2010	3	34	70	96	12	215	
% change	-66.7%	64.7%	-7.1%	-9.4%	50.0%	5.6%	
Pedestrians							
Apr 2010 - Mar 2011	12	27	34	50	49	172	
Apr 2009 - Mar 2010	19	31	33	41	74	198	
% change	-36.8%	-12.9%	3.0%	22.0%	-33.8%	-13.1%	

a Includes road users with unstated age

b Comprises drivers and passengers

c Includes pillion passengers

DEATHS BY AGE AND ROAD USER GROUP - QUARTERLY SUPPLEMENT

Road deaths by road user group and age
for 12 months ended March 2011, March 2010 and five year trend

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths ^a
Drivers							
Apr 2010 - Mar 2011	5	82	75	148	181	135	628
Apr 2009 - Mar 2010	8	82	84	166	199	144	683
% change	-37.5	0.0	-10.7	-10.8	-9.0	-6.3	-8.1
Ave annual % change ^a YE Mar 2006 to YE Mar 2011	13.7	-4.1	-7.0	-4.7	0.5	-2.5	-3.0
Passengers							
Apr 2010 - Mar 2011	52	47	35	45	27	71	277
Apr 2009 - Mar 2010	71	55	41	51	40	61	320
% change	-26.8	-14.5	-14.6	-11.8	-32.5	16.4	-13.4
Ave annual % change ^a YE Mar 2006 to YE Mar 2011	-1.4	-3.8	-5.6	1.5	-10.8	-0.7	-3.1
Pedestrians							
Apr 2010 - Mar 2011	12	13	14	34	50	49	172
Apr 2009 - Mar 2010	19	18	13	33	41	74	198
% change	-36.8	-27.8	7.7	3.0	22.0	-33.8	-13.1
Ave annual % change ^a YE Mar 2006 to YE Mar 2011	-6.9	0.8	-6.4	-4.8	-0.7	-7.5	-5.0
Motorcyclists^d							
Apr 2010 - Mar 2011	1	19	37	65	87	18	227
Apr 2009 - Mar 2010	3	16	18	70	96	12	215
% change	-66.7	18.8	105.6	-7.1	-9.4	50.0	5.6
Ave annual % change ^a YE Mar 2006 to YE Mar 2011	-16.7	-3.2	-10.2	-4.0	11.0	-1.0	-0.2
Cyclists							
Apr 2010 - Mar 2011	1	2	1	6	15	9	34
Apr 2009 - Mar 2010	2	0	3	4	12	15	36
All road users^c							
Apr 2010 - Mar 2011	71	163	162	298	360	282	1,338
Apr 2009 - Mar 2010	103	171	159	324	389	307	1,454
% change	-31.1	-4.7	1.9	-8.0	-7.5	-8.1	-8.0
Ave annual % change ^a YE Mar 2006 to YE Mar 2011	-4.3	-3.6	-7.0	-3.7	1.2	-3.0	-2.8

a This represents the average annual exponential change between the annual count of 5-years ago and the current annual count

b Includes pillion passengers

c Includes road users not separately classified

d Includes deaths with unstated age

TIME SERIES - QUARTERLY SUPPLEMENT

Road deaths by road user group, 1995 to 2009

	<i>Drivers</i>	<i>Passengers</i>	<i>Pedestrians</i>	<i>Motor-cyclists^a</i>	<i>Cyclists</i>	<i>All road users^b</i>
1995	874	491	398	204	48	2,017
1996	869	499	351	193	57	1,970
1997	776	431	328	177	52	1,767
1998	741	468	318	181	44	1,755
1999	820	428	299	176	40	1,764
2000	852	450	287	191	31	1,817
2001	776	407	290	216	46	1,737
2002	785	422	249	224	34	1,715
2003	747	420	232	188	26	1,621
2004	760	362	220	195	43	1,583
2005	775	347	226	233	41	1,627
2006	757	336	229	238	39	1,599
2007	785	336	204	237	41	1,603
2008	671	302	189	245	28	1,437
2009	710	330	195	224	31	1,492

a Includes pillion passengers

b Includes road users not separately specified

Road deaths by State/Territory, 1995 to 2009

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
1995	620	418	456	181	209	57	61	15	2,017
1996	581	417	385	181	247	64	72	23	1,970
1997	576	377	360	148	197	32	60	17	1,767
1998	556	390	279	168	223	48	69	22	1,755
1999	577	383	314	151	218	53	49	19	1,764
2000	603	407	317	166	212	43	51	18	1,817
2001	524	444	324	153	165	61	50	16	1,737
2002	561	397	322	154	179	37	55	10	1,715
2003	539	330	310	157	180	41	53	11	1,621
2004	510	343	311	139	178	58	35	9	1,583
2005	508	346	330	148	163	51	55	26	1,627
2006	496	337	335	117	200	55	46	13	1,599
2007	435	332	360	124	235	45	58	14	1,603
2008	374	303	328	99	205	39	75	14	1,437
2009	454	290	331	119	190	64	31	12	1,492

DEATH RATES - QUARTERLY SUPPLEMENT

Road death – Rates by State/Territory

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
<i>Per capita^a</i>									
2009	6.38	5.33	7.48	7.33	8.46	12.72	13.72	3.41	6.80
2004	7.60	6.89	7.97	9.02	8.98	12.01	17.32	2.75	7.86
<i>Per registered vehicle^b</i>									
2009	0.99	0.72	1.01	0.98	1.04	1.60	2.41	0.49	0.98
2004	1.26	0.96	1.17	1.27	1.20	1.66	3.30	0.42	1.17

a Annual deaths per 100,000 population: 2008 at June 30 (preliminary data); 2003 at June 30 (revised data) taken from ABS catalogue 3201.0

b Annual deaths per 10,000 registered motor vehicles at 31 March taken from ABS catalogue 9309.0.

DEATHS BY STATE / TERRITORY AND ROAD USER

Road deaths by road user group and State/Territory
for 12 months ended March 2011, March 2010 and five year trend

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers									
Apr 2010 - Mar 2011	192	127	112	50	106	16	17	8	628
Apr 2009 - Mar 2010	209	134	139	65	85	23	21	7	683
% change	-8.1	-5.2	-19.4	-23.1	24.7	-30.4	-19.0	-	-8.1
Ave annual % change ^a									
Mar 2006 to Mar 2011	-3.0	-3.9	-1.1	-5.7	2.0	-2.1	3.2	0.4	-2.3
Passengers									
Apr 2010 - Mar 2011	86	66	50	19	40	4	12	0	277
Apr 2009 - Mar 2010	101	54	65	33	39	17	7	4	320
% change	-14.9	22.2	-23.1	-42.4	2.6	-76.5	71.4	-	-13.4
Ave annual % change ^a									
Mar 2006 to Mar 2011	-4.4	-9.4	-1.0	-1.1	-2.0	0.4	-1.6	-	-3.3
Pedestrians									
Apr 2010 - Mar 2011	57	35	30	20	15	7	8	0	172
Apr 2009 - Mar 2010	67	52	36	6	25	4	6	2	198
% change	-14.9	-32.7	-16.7	233.3	-40.0	75.0	33.3	-	-13.1
Ave annual % change ^a									
Mar 2006 to Mar 2011	-7.5	1.3	0.6	-5.4	0.9	-0.8	6.6	-4.3	-2.0
Motorcyclists ^p									
Apr 2010 - Mar 2011	61	48	57	14	34	1	5	7	227
Apr 2009 - Mar 2010	69	42	51	18	24	7	1	3	215
% change	-11.6	14.3	11.8	-22.2	41.7	-85.7	400.0	133.3	5.6
Ave annual % change ^a									
Mar 2006 to Mar 2011	1.0	-1.5	0.4	-2.3	10.7	1.2	-	-8.1	1.3
Cyclists									
Apr 2010 - Mar 2011	12	7	5	3	5	1	0	1	34
Apr 2009 - Mar 2010	12	10	7	3	1	2	0	1	36
All road users ^c									
Apr 2010 - Mar 2011	408	283	254	106	200	29	42	16	1,338
Apr 2009 - Mar 2010	458	292	298	125	175	53	36	17	1,454
% change	-10.9	-3.1	-14.8	-15.2	14.3	-45.3	16.7	-5.9	-8.0
Ave annual % change ^a									
Mar 2006 to Mar 2011	-3.9	-2.7	-3.8	-4.3	1.9	-5.1	-1.5	-2.9	-2.8

^a This represents the average annual exponential change between the annual count of 5-years ago and the current annual count

^b Includes pillion passengers

^c Includes road users not separately classified

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.bitre.gov.au/info.aspx?NodId=167>

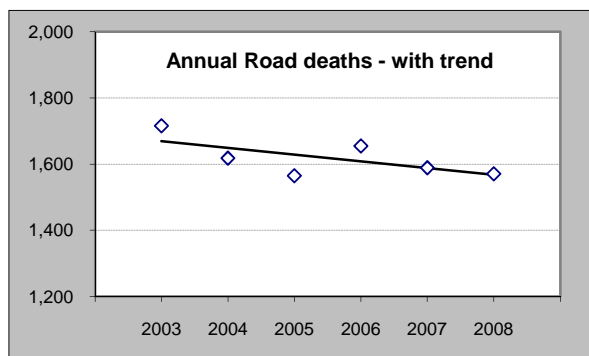
3. Estimation of five year trends

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