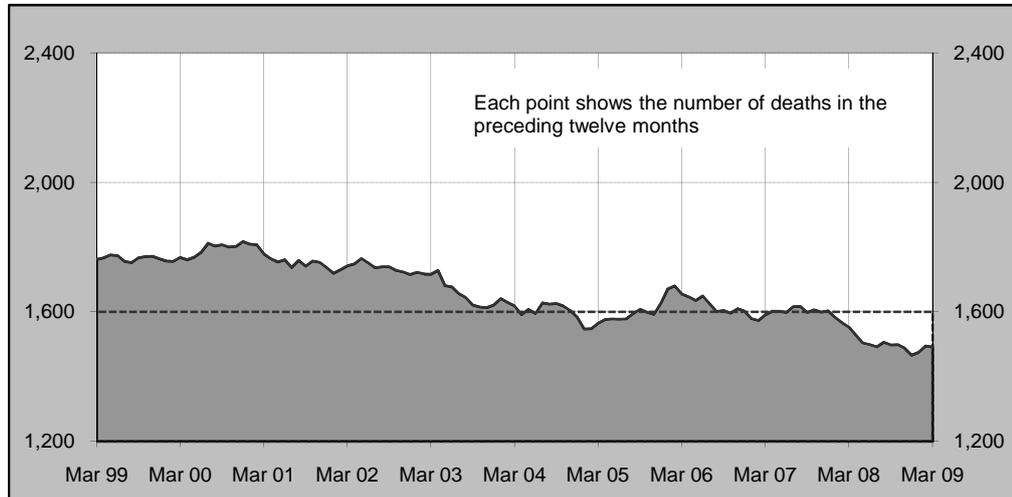




Australian road deaths for 12 months to date — last 10 years



Inquiries

For further information about data in this bulletin, contact:

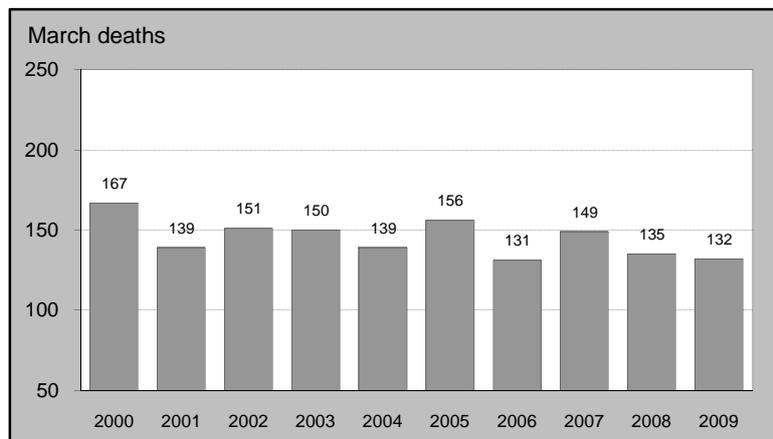
Strategy and Analysis Section
 Road Safety Branch
 GPO Box 594,
 Canberra, ACT 2601
 Email: roadsafety@infrastructure.gov.au
 Internet: www.infrastructure.gov.au

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 March — last 10 years



This month's key figures

There was a total of 132 road deaths in March 2009.
 - this is a 2.2 per cent decrease from the March 2008 figure.

There have been 378 road deaths in 2009 to the end of March.
 - this is a 7.4 per cent increase over the same 3 month period in 2008.

NUMBER OF ROAD CRASH DEATHS IN EACH STATE / TERRITORY

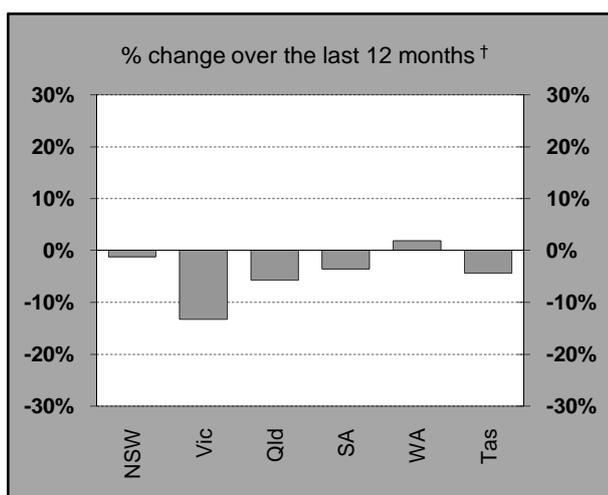
Road deaths by State/Territory

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

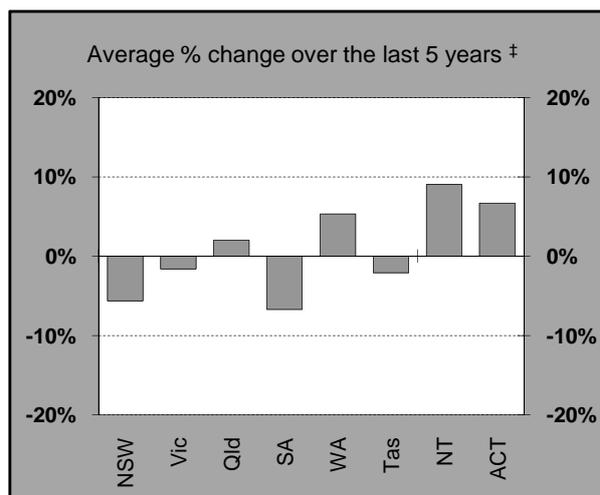
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Mar 2009	40	24	31	11	17	4	2	3	132
Mar 2008	30	37	28	7	22	7	4	0	135
% change	33.3	-35.1	10.7	57.1	-22.7	-42.9	-50.0	-	-2.2
Year to date									
Jan 2009 - Mar 2009	104	76	85	32	54	19	4	4	378
Jan 2008 - Mar 2008	89	85	80	21	49	15	11	2	352
% change	16.9	-10.6	6.3	52.4	10.2	26.7	-63.6	100.0	7.4
12-months to date									
Apr 2008 - Mar 2009	413	294	333	110	214	44	68	16	1,492
Apr 2007 - Mar 2008	418	339	353	114	210	46	59	14	1,553
Difference	-5	-45	-20	-4	4	-2	9	2	-61
% change	-1.2	-13.3	-5.7	-3.5	1.9	-4.3	15.3	14.3	-3.9
Average annual % change over 5 years^a									
YE March 2004 to YE March 2009	-5.6	-1.6	2.0	-6.7	5.3	-2.1	9.0	6.7	-1.3

^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 2009 and March 2008. NT and ACT not shown.



‡ Average annual percentage change based on the exponential trend from the year ending March 2004 to year ending March 2009.

NUMBER OF DEATHS IN EACH ROAD USER GROUP

Road deaths by road user group and gender
for 12 months ended March 2009, March 2008 and five year trend

	Drivers	Passengers	Pedestrians	Motor-cyclists ^a	Cyclists	All road users ^b
Males						
Apr 2008 - Mar 2009	523	161	131	228	29	1,075
Apr 2007 - Mar 2008	582	179	122	215	31	1,129
% change	-10.1	-10.1	7.4	6.0	-6.5	-4.8
Females						
Apr 2008 - Mar 2009	197	128	64	18	3	410
Apr 2007 - Mar 2008	161	162	77	21	2	423
% change	22.4	-21.0	-16.9	-14.3	50.0	-3.1
Persons^c						
Apr 2008 - Mar 2009	722	295	195	246	32	1,492
Apr 2007 - Mar 2008	744	341	199	236	33	1,553
% change	-3.0	-13.5	-2.0	4.2	-3.0	-3.9
Average annual % change over 5 years^d						
YE March 2004 to YE March 2009	-0.7	-4.8	-3.4	5.1	-2.8	-1.3

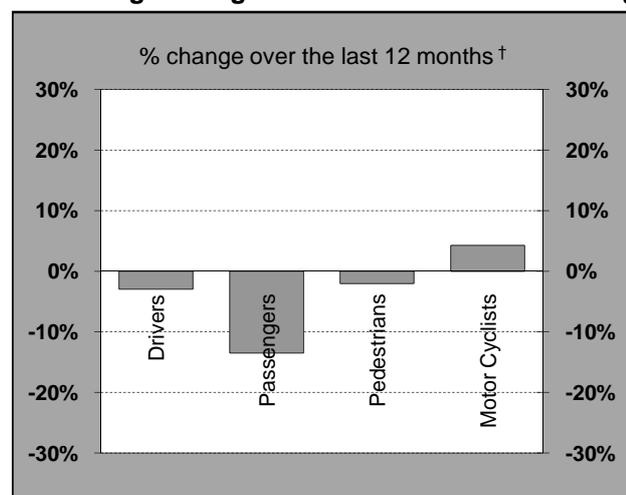
a Includes pillion passengers

b Includes road users not separately specified

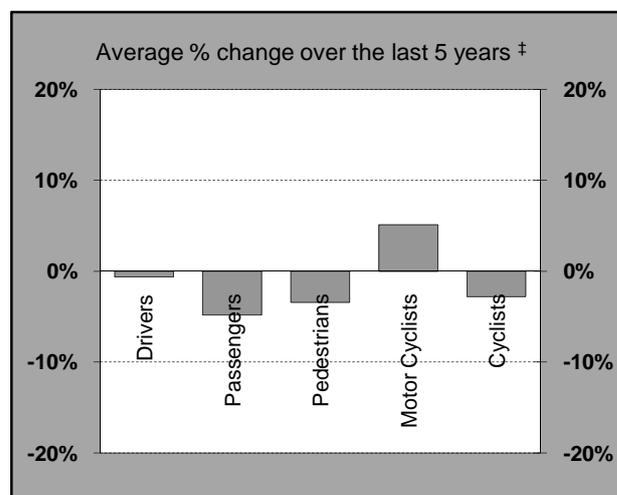
c Includes road users with unstated gender

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 2009 and March 2008. Cyclists not shown.

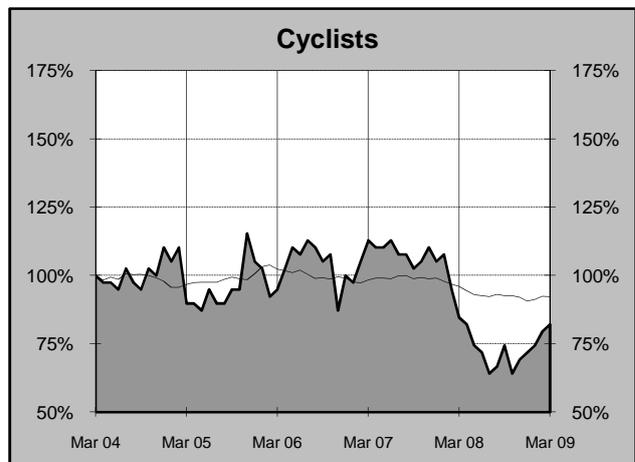
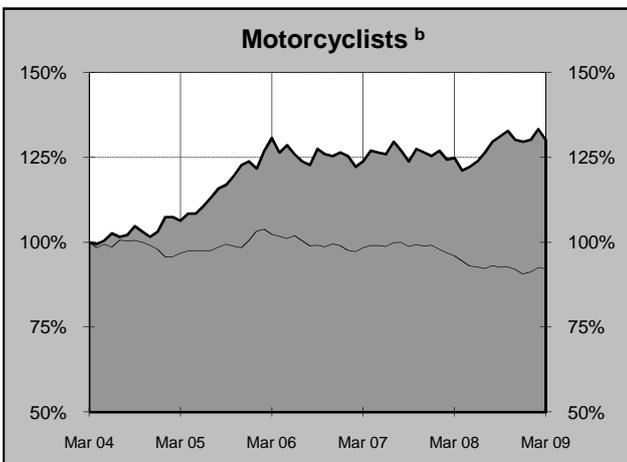
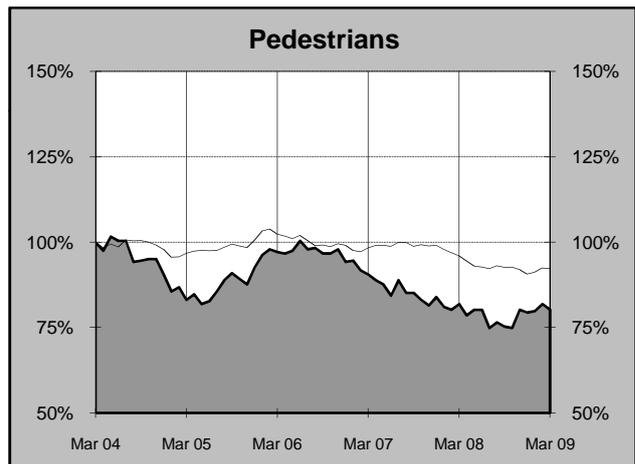
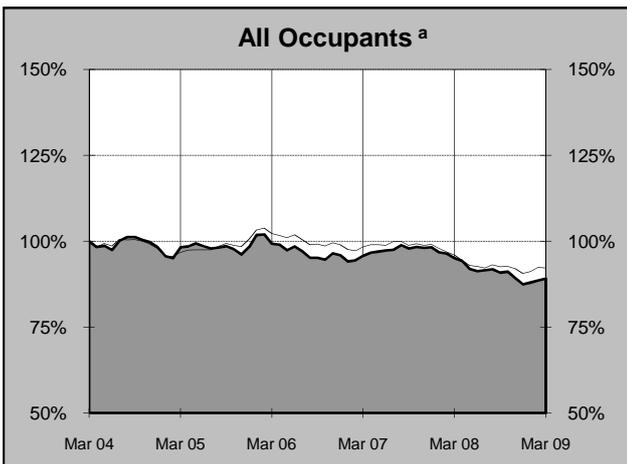
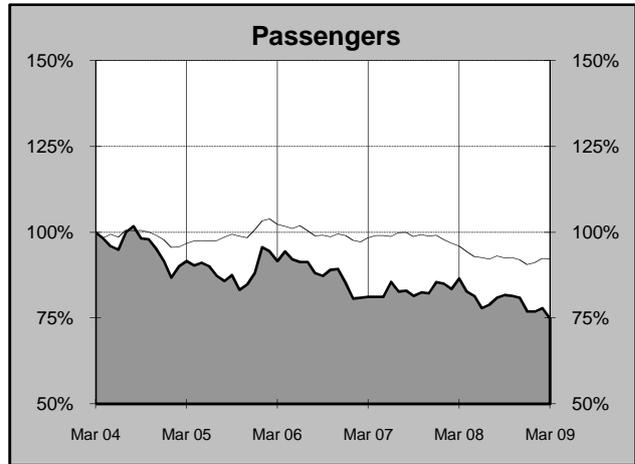
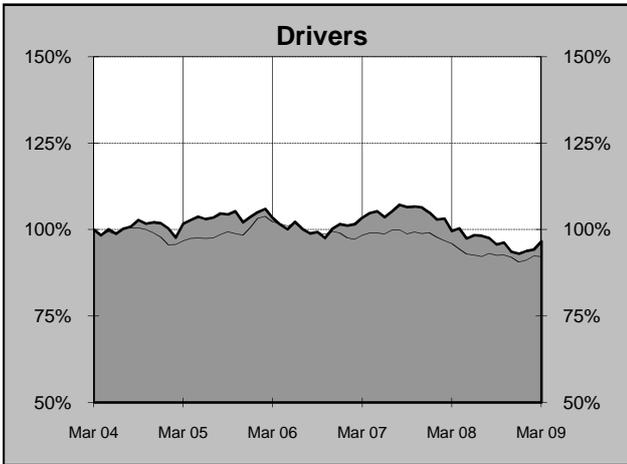


‡ Average annual percentage change based on the exponential trend from the year ending March 2004 to year ending March 2009.

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 2004.



a Comprises drivers and passengers

b Includes pillion passengers

NUMBER OF FATAL ROAD CRASHES IN EACH STATE / TERRITORY

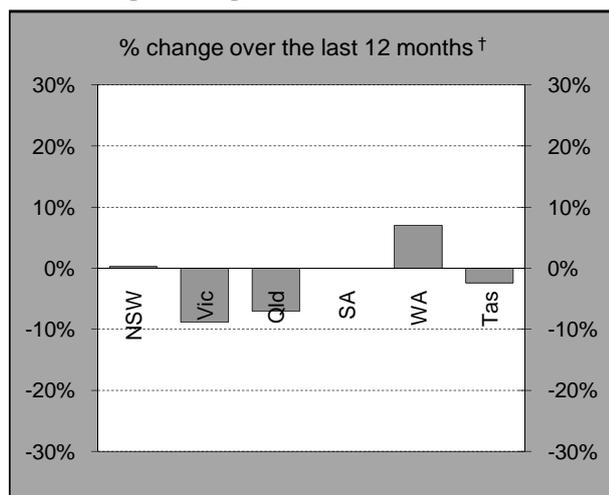
Fatal crashes by State/Territory

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

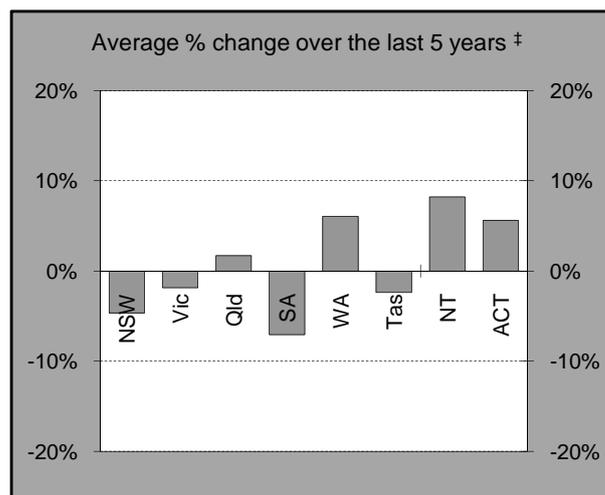
	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Current month									
Mar 2009	37	21	28	10	17	4	2	2	121
Mar 2008	29	33	24	7	17	7	4	0	121
% change	27.6	-36.4	16.7	42.9	0.0	-42.9	-50.0	-	0.0
Year to date									
Jan 2009 - Mar 2009	96	68	75	27	52	18	4	3	343
Jan 2008 - Mar 2008	84	77	67	18	42	15	11	2	316
% change	14.3	-11.7	11.9	50.0	23.8	20.0	-63.6	50.0	8.5
12 months to date									
Apr 2008 - Mar 2009	389	269	302	96	199	41	60	15	1,371
Apr 2007 - Mar 2008	388	295	325	96	186	42	49	14	1,395
% change	0.3	-8.8	-7.1	0.0	7.0	-2.4	22.4	7.1	-1.7
Average annual % change over 5 years^a									
YE March 2004 to YE March 2009	-4.6	-1.8	1.7	-7.0	6.1	-2.4	8.2	5.6	-1.1

^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 March 2009 and March 2008. NT and ACT not shown.



‡ Average annual percentage change based on the exponential trend from the year ending March 2004 to year ending March 2009.

FATAL CRASHES INVOLVING TRUCKS OR BUSES

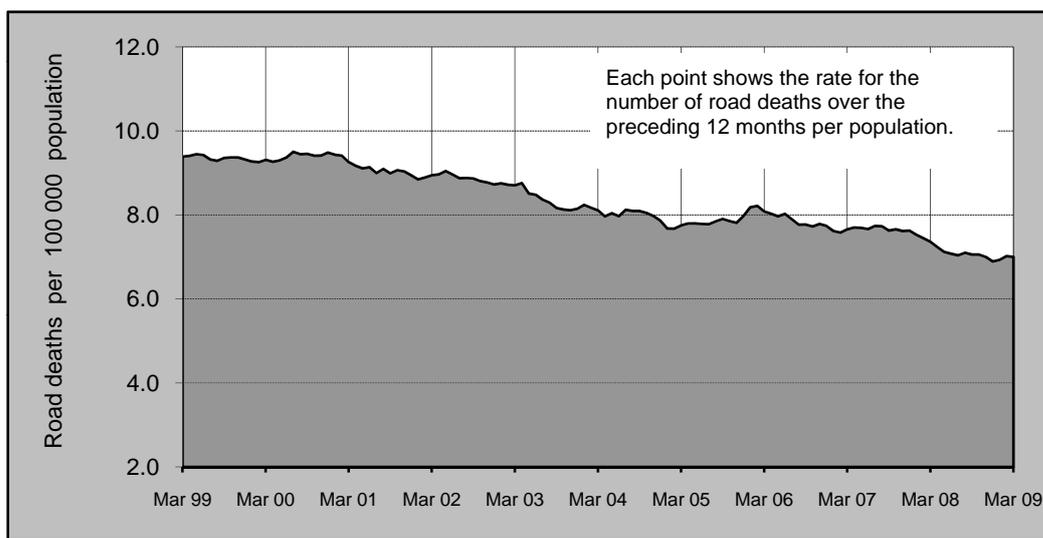
Analysis of fatal crashes involving heavy vehicles is now published in a separate quarterly bulletin.

ROAD DEATH RATES

Road deaths per 100,000 population

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
12-months to date									
Apr 2008 - Mar 2009	5.9	5.5	7.8	6.9	9.9	8.8	30.9	4.7	7.0
Apr 2007 - Mar 2008	6.1	6.5	8.4	7.2	9.9	9.3	27.3	4.1	7.4
Calendar year									
2008	5.7	5.7	7.7	6.2	9.7	8.0	34.1	4.1	6.9
2003	8.1	6.7	8.1	10.3	9.2	8.6	26.5	3.4	8.1

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 time of week. Two years ended March 2009 and two years ended March 2004

	Speed limit (km/h) ^a			Time of Day	
	Up to 60	65-95	100+	Day	Night ^b
Apr 2007 - Mar 2009	32.2%	23.4%	44.4%	56.7%	43.3%
Apr 2002 - Mar 2004	30.7%	22.6%	46.7%	56.3%	43.7%
	Crash Type			Time of week	
	Pedestrian crash	Other single veh. Crash	Other multiple veh. crash	Week day	Week-end ^c
Apr 2007 - Mar 2009	14.1%	47.5%	38.4%	60.1%	39.9%
Apr 2002 - Mar 2004	16.1%	44.6%	39.4%	60.2%	39.8%

^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 2009 and March 2008

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths ^a
Males							
Apr 2008 - Mar 2009	50	134	165	285	266	168	1,074
Apr 2007 - Mar 2008	53	150	147	315	282	180	1,129
% change	-5.7	-10.7	12.2	-9.5	-5.7	-6.7	-4.9
Females							
Apr 2008 - Mar 2009	33	59	27	75	107	109	410
Apr 2007 - Mar 2008	46	36	41	77	102	118	423
% change	-28.3	63.9	-34.1	-2.6	4.9	-7.6	-3.1
Persons^b							
Apr 2008 - Mar 2009	86	193	192	360	373	277	1,492
Apr 2007 - Mar 2008	99	186	188	392	384	298	1,553
% change	-13.1	3.8	2.1	-8.2	-2.9	-7.0	-3.9

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	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths ^a
Occupants^b							
Apr 2008 - Mar 2009	67	149	135	222	243	192	1,017
Apr 2007 - Mar 2008	68	153	136	260	245	219	1,085
% change	-1.5	-2.6	-0.7	-14.6	-0.8	-12.3	-6.3
Motorcyclists^c							
Apr 2008 - Mar 2009	2	23	38	89	74	20	246
Apr 2007 - Mar 2008	7	23	32	86	74	14	236
% change	-71.4	0.0	18.8	3.5	0.0	42.9	4.2
Pedestrians							
Apr 2008 - Mar 2009	15	19	16	39	46	59	195
Apr 2007 - Mar 2008	16	9	18	41	50	63	199
% change	-6.3	111.1	-11.1	-4.9	-8.0	-6.3	-2.0

a Includes road users with unstated age

b Comprises drivers and passengers

c Includes pillion passengers

TIME SERIES - QUARTERLY SUPPLEMENT

Road deaths by road user group, 1994 to 2008

	<i>Drivers</i>	<i>Passengers</i>	<i>Pedestrians</i>	<i>Motor-cyclists^a</i>	<i>Cyclists</i>	<i>All road users^b</i>
1994	809	501	367	190	59	1,928
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	761	361	220	195	43	1,583
2005	775	347	225	234	41	1,627
2006	759	336	229	239	39	1,602
2007	784	337	204	237	41	1,603
2008	695	303	193	245	28	1,466

a Includes pillion passengers

b Includes road users not separately specified

Road deaths by State/Territory, 1994 to 2008

	<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>
1994	646	377	418	159	211	59	41	17	1,928
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	203	55	46	13	1,602
2007	435	332	360	124	235	45	58	14	1,603
2008	398	303	328	99	209	40	75	14	1,466

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>									
2008	5.71	5.72	7.66	6.18	9.66	8.03	34.10	4.07	6.86
2003	8.08	6.70	8.14	10.25	9.22	8.58	26.49	3.38	8.15
<i>Per vehicle^b</i>									
2008	0.88	0.77	1.03	0.84	1.20	1.02	6.10	0.58	0.96
2003	1.37	0.94	1.21	1.46	1.25	1.21	5.08	0.52	1.23

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: 2007 at Mar 31; 2002 at Oct 31 taken from ABS catalogue 9309.0.

DEATHS BY AGE AND ROAD USER GROUP - QUARTERLY SUPPLEMENT

Road deaths by road user group and age

for 12 months ended March 2009, March 2008 and five year trend

	0-16 years	17-20 years	21-25 years	26-39 years	40-59 years	60+ years	All deaths ^d
Drivers							
Apr 2008 - Mar 2009	8	91	92	176	203	147	722
Apr 2007 - Mar 2008	4	94	91	204	199	151	744
% change	100.0	-3.2	1.1	-13.7	2.0	-2.6	-3.0
Ave annual % change ^a							
YE Mar 2004 to YE Mar 2009	-0.6	-1.9	-0.9	1.1	-1.3	-0.4	-0.7
Passengers							
Apr 2008 - Mar 2009	59	58	43	46	40	45	295
Apr 2007 - Mar 2008	64	59	45	56	46	68	341
% change	-7.8	-1.7	-4.4	-17.9	-13.0	-33.8	-13.5
Ave annual % change ^a							
YE Mar 2004 to YE Mar 2009	-6.5	-7.3	-1.0	-6.4	-2.6	-4.5	-4.8
Pedestrians							
Apr 2008 - Mar 2009	15	19	16	39	46	59	195
Apr 2007 - Mar 2008	16	9	18	41	50	63	199
% change	-6.3	111.1	-11.1	-4.9	-8.0	-6.3	-2.0
Ave annual % change ^a							
YE Mar 2004 to YE Mar 2009	-3.5	-3.6	3.4	-0.6	-4.1	-4.8	-3.4
Motorcyclists^b							
Apr 2008 - Mar 2009	2	23	38	89	74	20	246
Apr 2007 - Mar 2008	7	23	32	86	74	14	236
% change	-71.4	0.0	18.8	3.5	0.0	42.9	4.2
Ave annual % change ^a							
YE Mar 2004 to YE Mar 2009	11.4	-0.1	5.1	0.0	8.0	16.8	5.1
Cyclists							
Apr 2008 - Mar 2009	2	1	3	10	10	5	32
Apr 2007 - Mar 2008	8	1	2	5	15	2	33
All road users^c							
Apr 2008 - Mar 2009	86	193	192	360	373	277	1,492
Apr 2007 - Mar 2008	99	186	188	392	384	298	1,553
% change	-13.1	3.8	2.1	-8.2	-2.9	-7.0	-3.9
Ave annual % change ^a							
YE Mar 2004 to YE Mar 2009	-5.4	-3.8	0.4	-0.7	0.0	-1.9	-1.3

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

DEATHS BY STATE / TERRITORY AND ROAD USER - QUARTERLY SUPPLEMENT

Road deaths by road user group and State/Territory for 12 months ended March 2009, March 2008 and five year trend

	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
Drivers									
Apr 2008 - Mar 2009	215	153	144	56	106	23	21	4	722
Apr 2007 - Mar 2008	215	155	166	52	104	22	22	8	744
% change	0.0	-1.3	-13.3	7.7	1.9	4.5	-4.5	-	-3.0
Ave annual % change ^a									
Mar 2004 to Mar 2009	-3.1	-1.6	2.7	-9.5	5.4	8.0	5.9	14.0	-0.7
Passengers									
Apr 2008 - Mar 2009	76	43	74	21	40	11	24	6	295
Apr 2007 - Mar 2008	68	75	68	37	58	14	19	2	341
% change	11.8	-42.7	8.8	-43.2	-31.0	-21.4	26.3	-	-13.5
Ave annual % change ^a									
Mar 2004 to Mar 2009	-11.6	-5.3	-3.1	-8.4	5.0	9.4	-5.7	-	-4.8
Pedestrians									
Apr 2008 - Mar 2009	53	52	33	17	22	1	14	3	195
Apr 2007 - Mar 2008	61	52	42	11	14	3	15	1	199
% change	-13.1	0.0	-21.4	54.5	57.1	-66.7	-6.7	-	-2.0
Ave annual % change ^a									
Mar 2004 to Mar 2009	-8.3	2.4	-3.1	-5.5	-0.4	-10.5	20.3	8.2	-3.4
Motorcyclists^b									
Apr 2008 - Mar 2009	59	37	73	15	42	8	9	3	246
Apr 2007 - Mar 2008	59	53	68	12	31	7	3	3	236
% change	0.0	-30.2	7.4	25.0	35.5	14.3	200.0	-	4.2
Ave annual % change ^a									
Mar 2004 to Mar 2009	-0.9	3.0	9.4	-7.4	9.8	-3.0	-	-	5.1
Cyclists									
Apr 2008 - Mar 2009	9	9	9	1	3	1	0	0	32
Apr 2007 - Mar 2008	15	4	9	2	3	0	0	0	33
All road users^c									
Apr 2008 - Mar 2009	413	294	333	110	214	44	68	16	1,492
Apr 2007 - Mar 2008	418	339	353	114	210	46	59	14	1,553
% change	-1.2	-13.3	-5.7	-3.5	1.9	-4.3	15.3	14.3	-3.9
Ave annual % change ^a									
Mar 2004 to Mar 2009	-5.6	-1.6	2.0	-6.7	5.3	-2.1	9.0	6.7	-1.3

^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

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, and the death occurred within 30 days from injuries sustained in the crash. If it is determined that a crash was deliberate (for example suicide), the crash and deaths are excluded from this bulletin.

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

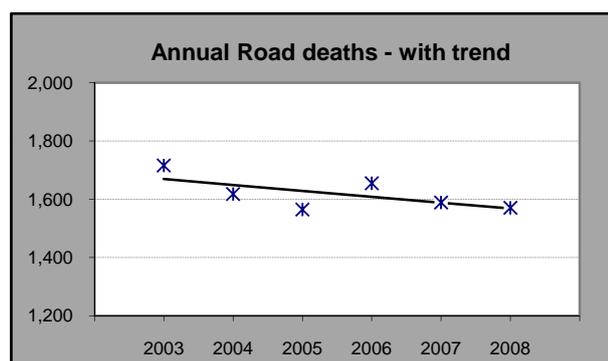
3. Estimation of five year trends

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