



Australian Government

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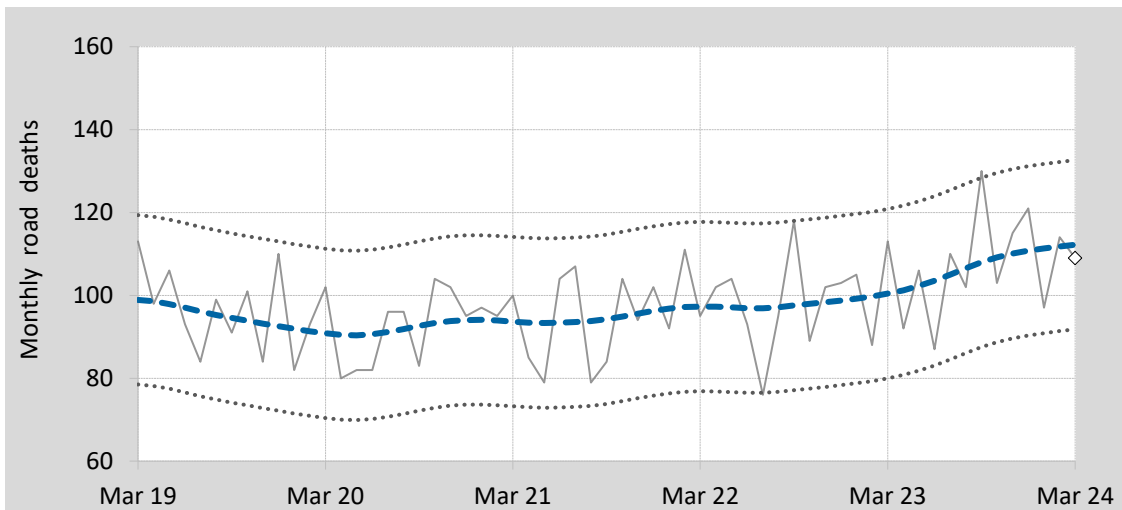
Road deaths Australia

March 2024

This month's key figures

- There was a total of 109 road deaths during the month of March 2024. The current figure is 4.2 per cent higher than the average for March over the previous five years.
- During the 12 months ended March 2024, there were 1,286 road deaths. This is an increase of 8.2 per cent from the 12-month period ending March 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.8. This is a 5.6 per cent increase compared to the rate for the 12-month period ending March 2023.

Monthly road deaths—last five years, with trend and error bounds



Note: Shown is a trend and a 90 per cent prediction interval for the monthly observations.

Monthly fatalities over the last 5 years

	Jan	Feb	Mar	Apr	July	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2019	116	91	113	98	106	93	84	99	91	101	84	110	1,186
2020	82	93	102	80	82	82	96	96	83	104	102	95	1,097
2021	97	95	100	85	79	104	107	79	84	104	94	102	1,130
2022	92	111	95	102	104	93	76	95	118	89	102	103	1,180
2023	105	88	113	92	106	87	110	102	130	103	115	121	1,272
2024	97	114	109										320

I. Monthly deaths by jurisdiction — 2 years

— raw
 - - - smoothed
 (Whittaker-Henderson)

Figure I.1 NSW

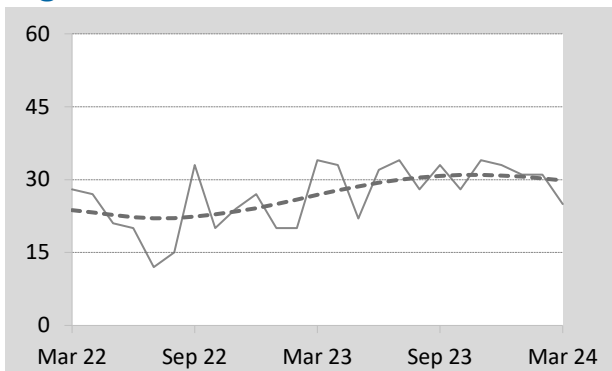


Figure I.2 Vic

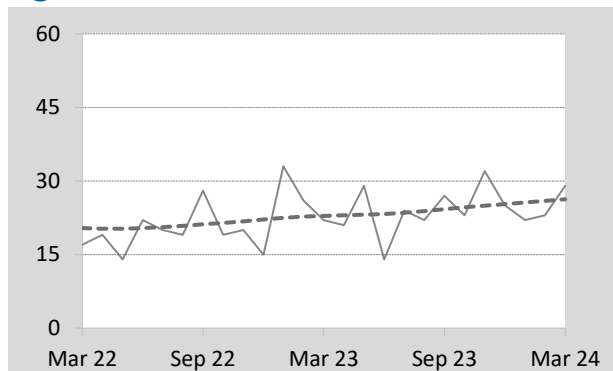


Figure I.3 Qld

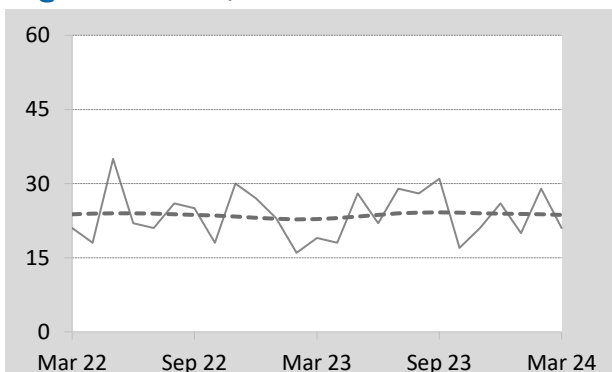


Figure I.4 SA

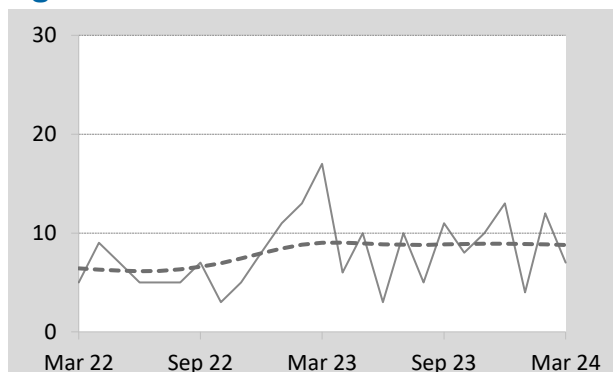


Figure I.5 WA

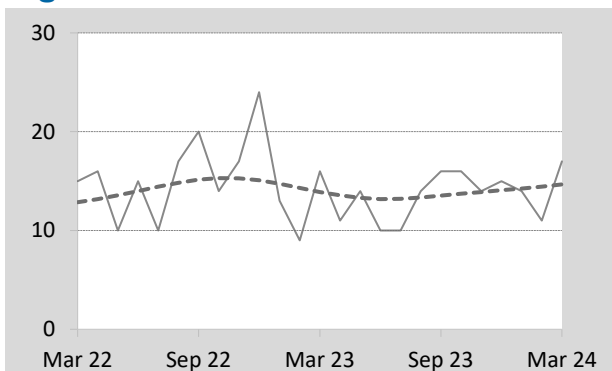


Figure I.6 Tas

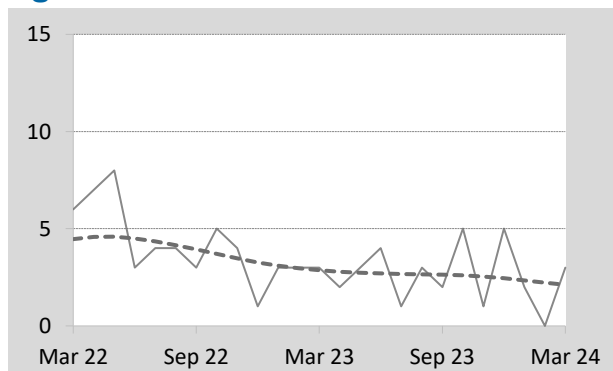


Figure I.7 NT

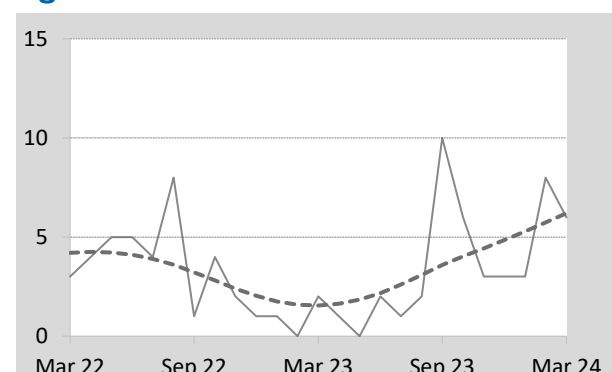
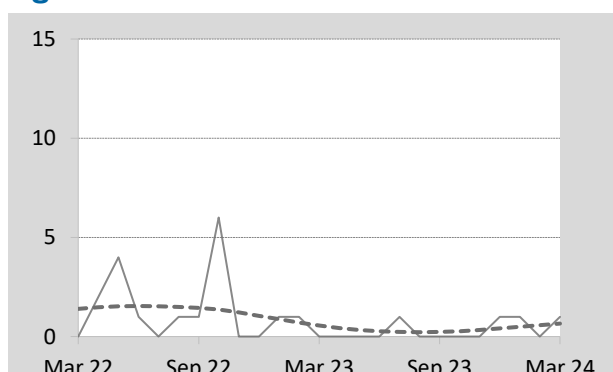


Figure I.8 ACT



2. Deaths by jurisdiction - Current month, calendar year and last 12 months

Table 2.1 Current month

Current month	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
March 2023	34	22	19	17	16	3	2	0	113
March 2024	25	29	21	7	17	3	6	1	109
Per cent change	-26%	32%	11%	-59%	6%	0%	200%	-	-3.5%

Table 2.2 Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - March 2023	74	81	58	41	38	9	3	2	306
January - March 2024	87	74	70	23	42	5	17	2	320
Per cent change	18%	-9%	21%	-44%	11%	-44%	467%	0%	4.6%

Table 2.3 12 months ended March

12 months end March	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	323	258	219	114	153	36	35	5	1,143
2021	277	203	306	94	165	26	30	11	1,112
2022	287	236	276	85	154	45	43	10	1,136
2023	273	257	280	95	181	48	37	17	1,188
2024	364	291	290	99	162	31	45	4	1,286
Latest per cent change	33.3%	13.2%	3.6%	4.2%	-10.5%	-35.4%	21.6%	-76.5%	8.2%
Average trend change per year	2.3%	4.9%	4.8%	-2.7%	2.1%	3.2%	7.4%	-0.1%	3.1%

3. Annual deaths per 100,000 population

Table 3.1 12 months ended March

12 months end March	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	4.0	3.9	4.3	6.4	5.7	6.5	14.2	1.1	4.5
2021	3.4	3.1	5.9	5.2	6.1	4.6	12.1	2.5	4.3
2022	3.5	3.6	5.3	4.7	5.6	7.9	17.3	2.2	4.4
2023	3.3	3.9	5.2	5.2	6.4	8.4	14.8	3.7	4.5
2024	4.3	4.2	5.3	5.3	5.6	5.4	17.8	0.9	4.8
Latest per cent change	30.4%	10.1%	0.9%	2.5%	-13.4%	-35.6%	20.8%	-77.0%	5.6%
Average trend change per year	1.3%	3.8%	3.0%	-3.8%	0.1%	2.1%	6.8%	-1.7%	1.8%

Table 3.2 Calendar year period

Calendar year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2019	4.4	4.1	4.3	6.5	6.1	5.3	14.6	1.4	4.7
2020	3.5	3.2	5.4	5.2	5.7	6.8	12.5	1.6	4.3
2021	3.4	3.5	5.3	5.5	6.0	6.3	14.1	2.4	4.4
2022	3.4	3.6	5.6	3.9	6.3	8.9	18.8	3.9	4.5
2023	4.2	4.4	5.1	6.3	5.5	6.1	12.3	0.9	4.8
Latest per cent change	22.3%	20.8%	-8.8%	62.0%	-12.5%	-31.6%	-34.6%	-78.2%	5.2%

4. Deaths by road user, age-group and gender

Table 4.1 By road user

12 months end March	Driver	Passenger	Pedestrian	Motorcyclist ^a	Pedal cyclist ^a	Total ^b
2020	555	198	159	187	41	1,143
2021	547	180	126	217	38	1,112
2022	542	183	134	229	40	1,136
2023	550	189	157	245	40	1,188
2024	593	215	174	258	32	1,286
Latest per cent change	8%	14%	11%	5%	-20%	8.2%
Average trend change per year	1%	2%	4%	8%	-4%	3.1%

Table 4.2 By age-group (years)

12 months end March	0 to 7	8 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^b
2020	13	28	240	264	334	99	163	1,143
2021	21	39	205	293	343	86	120	1,112
2022	18	42	223	236	355	115	143	1,136
2023	17	47	225	262	365	119	151	1,188
2024	14	48	237	295	393	139	146	1,286
Latest per cent change	-18%	2%	5%	13%	8%	17%	-3%	8.2%
Average trend change per year	-1%	13%	1%	1%	4%	11%	0%	3.1%

Table 4.3 By gender

12 months end March	Male	Female	Total ^c
2020	871	272	1,143
2021	814	294	1,112
2022	852	282	1,136
2023	870	317	1,188
2024	982	302	1,286
Latest per cent change	13%	-5%	8.2%
Average trend change per year	3%	3%	3.1%

a Includes pillion passengers.

b Includes deaths of persons with either age or road user type not recorded.

c Includes deaths of persons where gender is not recorded or is unspecified.

5. Fatal crashes: counts and characteristics

Table 5.1 By crash type

12 months end March	Crash type ^a		
	Single	Multiple	Total ^b
2020	628	429	1,057
2021	570	450	1,020
2022	628	428	1,056
2023	688	418	1,106
2024	745	428	1,177
Latest per cent change	8%	2%	6.4%
Average trend change per year	5%	-1%	3.0%

Table 5.2 By posted speed limit

12 months end March	Posted speed limit (km/h)						Total ^b
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2020	22	137	231	174	333	153	1,057
2021	14	116	236	191	338	115	1,020
2022	20	129	253	156	344	141	1,056
2023	26	113	305	185	322	145	1,106
2024	30	156	272	204	332	127	1,177
Latest per cent change	15%	38%	-11%	10%	3%	-12%	6.4%
Average trend change per year	13%	2%	6%	3%	-1%	-1%	3.0%

Table 5.3 By day of week

12 months end March	Day of week ^c			Total ^b
	Weekday	Weekend		
2020	647	410		1,057
2021	590	430		1,020
2022	654	402		1,056
2023	674	432		1,106
2024	739	437		1,177
Latest per cent change	10%	1%		6.4%
Average trend change per year	4%	1%		3.0%

Table 5.4 By time of day

12 months end March	Time of day ^d		Total ^b
	Day	Night	
2020	538	519	1,057
2021	623	397	1,020
2022	639	417	1,056
2023	669	436	1,106
2024	712	464	1,177
Latest per cent change	6%	6%	6.4%
Average trend change per year	7%	-1%	3.0%

a 'Single' and 'Multiple' refer to the number of vehicles involved in a fatal crash.

b Includes unknown or not specified.

c 'Weekday' refers to 6am Monday through to 5:59pm Friday.

d 'Day' refers to 6am through to 5:59 pm.

Appendix

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.

Fatality rates

Fatality rates per population are based on road deaths over the last 12-months, and the population at the midpoint of that period. Population estimates are sourced from ABS' *National, state and territory population* statistics. The midpoint population is interpolated if necessary.

Average trend change (% per year)

Designed to provide a **one-number summary** of growth rates over recent time periods. Calculated by fitting an exponential curve through the data points, and quoting the constant (annual) change of this curve.

Smooth trend lines

These trend lines are designed to track medium-term trends and turning points in the raw data. Whittaker-Henderson smoothers have been used with value of 80 for the smoothing parameter. The application R (package pracma) can be used for such trend lines. Error bounds are 90% (approximately) around the monthly data.

Other sources for the tables in this bulletin

The underlying database used to produce this bulletin — *the Australian Road Deaths Database* is available for data extraction at <http://www.bitre.gov.au/statistics/safety/fatal_road_crash_database.aspx>. Road deaths from recent months are preliminary and subject to revision.

Data Sources

Data are obtained from

- Transport for NSW
- Department of Transport, Victoria
- Department of Transport and Main Roads, Queensland
- Department for Infrastructure and Transport, SA
- Western Australia Police
- Department of State Growth, Tasmania
- Department of Infrastructure, Planning and Logistics, NT
- Transport Canberra and City Services Directorate, ACT
- Australian Bureau of Statistics (National, state and territory population)

Inquiries

For further information about data in this bulletin, contact:

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Road deaths from recent months are preliminary and subject to revision.

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