



Australian Government

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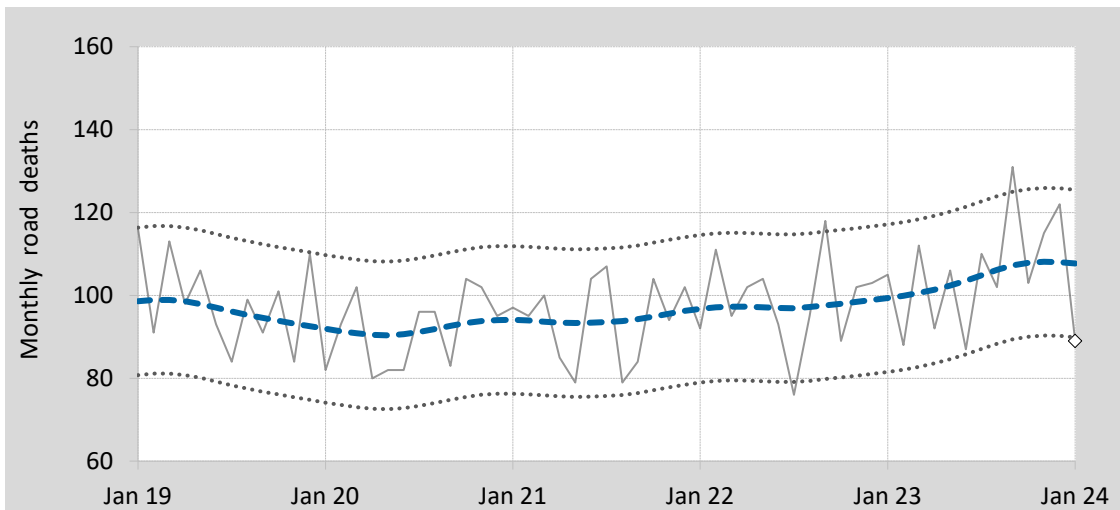
Road deaths Australia

January 2024

This month's key figures

- There was a total of 89 road deaths during the month of January 2024. The current figure is 9.6 per cent lower than the average for January over the previous five years.
- During the 12 months ended January 2024, there were 1,257 road deaths. This is an increase of 5.4 per cent from the 12-month period ending January 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.7. This is a 2.8 per cent increase compared to the rate for the 12-month period ending January 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	112	92	106	87	110	102	131	103	115	122	1,273
2024	89												89

I. Monthly deaths by jurisdiction — 2 years

— raw
 - - - smoothed
 (Whittaker-Henderson)

Figure I.1 NSW

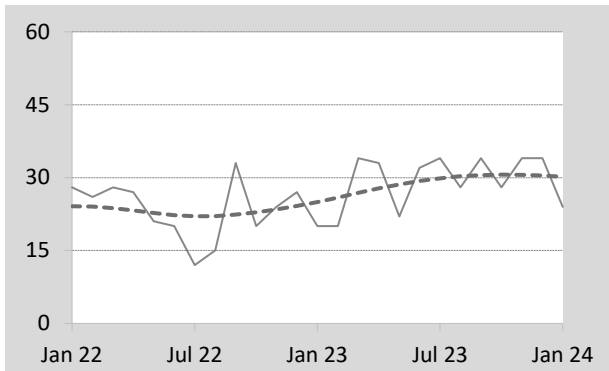


Figure I.2 Vic

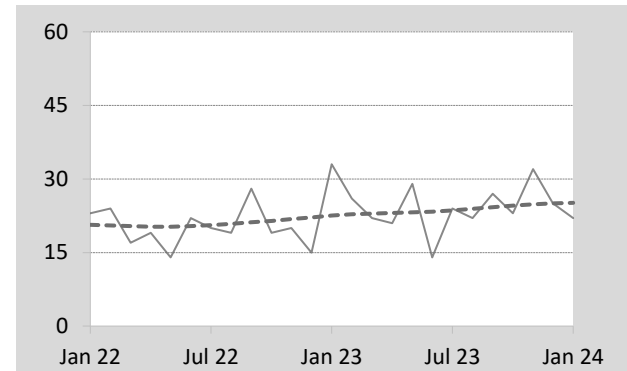


Figure I.3 Qld

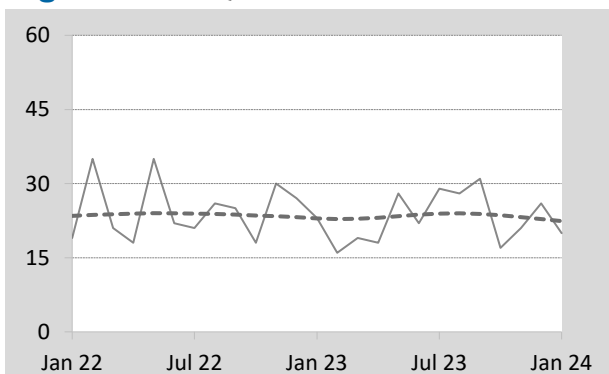


Figure I.4 SA

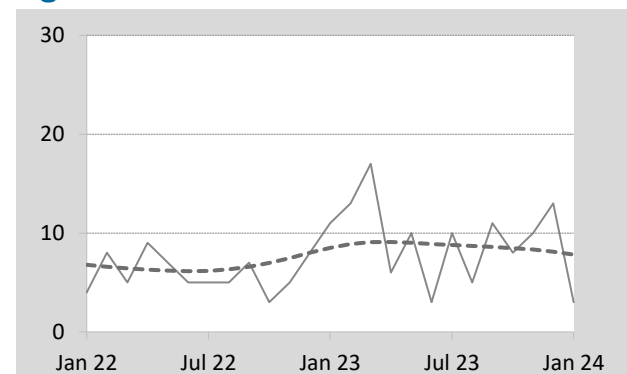


Figure I.5 WA

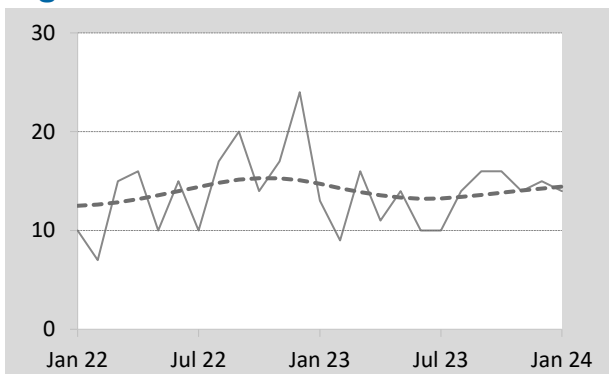


Figure I.6 Tas

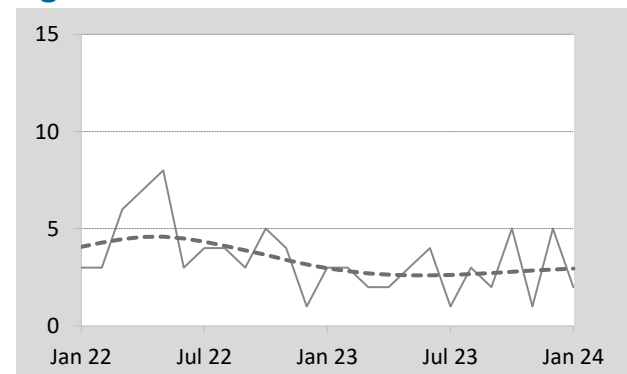


Figure I.7 NT

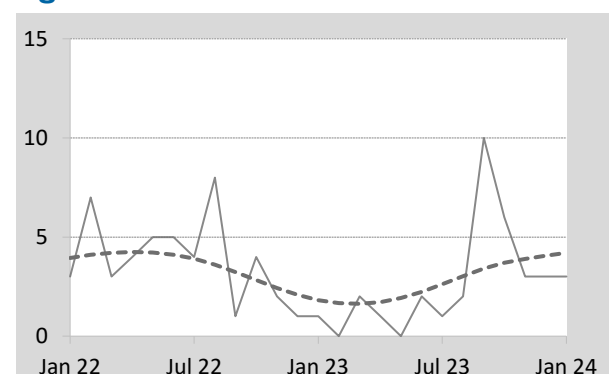
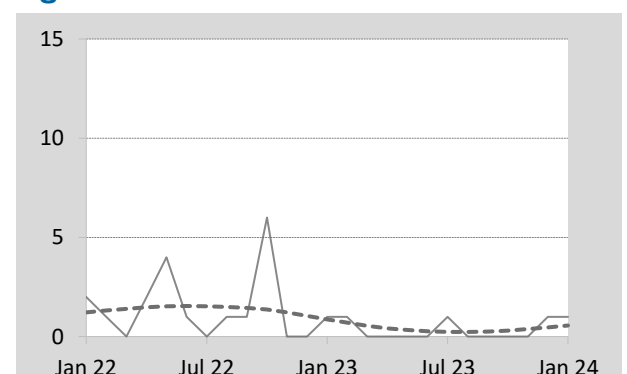


Figure I.8 ACT



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
January 2023	20	33	23	11	13	3	1	1	105
January 2024	24	22	20	3	14	2	3	1	89
Per cent change	20%	-33%	-13%	-73%	8%	-33%	200%	0%	-15.2%

Table 2.2 Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - January 2023	20	33	23	11	13	3	1	1	105
January - January 2024	24	22	20	3	14	2	3	1	89
Per cent change	20%	-33%	-13%	-73%	8%	-33%	200%	0%	-15.2%

Table 2.3 12 months ended January

12 months end January	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	338	267	214	108	154	34	32	5	1,152
2021	285	202	288	93	169	34	33	8	1,112
2022	279	240	276	95	151	37	35	12	1,125
2023	273	250	301	78	178	51	45	17	1,193
2024	357	287	275	109	159	33	33	4	1,257
Latest per cent change	30.8%	14.8%	-8.6%	39.7%	-10.7%	-35.3%	-26.7%	-76.5%	5.4%
Average trend change per year	0.7%	3.6%	5.6%	-1.6%	1.2%	3.5%	3.8%	3.1%	2.5%

3. Annual deaths per 100,000 population

Table 3.1 12 months ended January

12 months end January	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	4.2	4.1	4.2	6.1	5.8	6.2	13.0	1.1	4.5
2021	3.5	3.1	5.6	5.2	6.2	6.1	13.3	1.8	4.3
2022	3.4	3.7	5.3	5.3	5.5	6.5	14.1	2.6	4.4
2023	3.3	3.8	5.6	4.3	6.4	8.9	18.0	3.7	4.6
2024	4.3	4.2	5.0	5.9	5.5	5.8	13.1	0.9	4.7
Latest per cent change	28.0%	11.7%	-11.0%	37.4%	-13.4%	-35.5%	-27.3%	-77.0%	2.8%
Average trend change per year	-0.2%	2.7%	3.8%	-2.7%	-0.7%	2.4%	3.2%	1.4%	1.3%

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	5.9	12.3	0.9	4.8
Latest per cent change	23.0%	20.9%	-8.8%	62.1%	-12.4%	-33.5%	-34.6%	-78.2%	5.4%

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

Table 4.1 By road user

12 months end January	Driver	Passenger	Pedestrian	Motorcyclist ^a	Pedal cyclist ^a	Total ^b
2020	550	200	158	201	40	1,152
2021	541	181	141	201	44	1,112
2022	533	187	125	233	40	1,125
2023	555	188	159	243	39	1,193
2024	602	205	166	245	31	1,257
Latest per cent change	8%	9%	4%	1%	-21%	5.4%
Average trend change per year	2%	1%	2%	6%	-6%	2.5%

Table 4.2 By age-group (years)

12 months end January	0 to 7	8 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^b
2020	14	26	228	262	352	103	165	1,152
2021	21	39	215	291	336	79	127	1,112
2022	20	43	216	227	356	115	143	1,125
2023	15	47	229	266	376	118	140	1,193
2024	14	50	233	288	376	135	156	1,257
Latest per cent change	-7%	6%	2%	8%	0%	14%	11%	5.4%
Average trend change per year	-3%	16%	1%	1%	2%	10%	0%	2.5%

Table 4.3 By gender

12 months end January	Male	Female	Total ^c
2020	877	275	1,152
2021	805	303	1,112
2022	845	278	1,125
2023	874	318	1,193
2024	966	291	1,257
Latest per cent change	11%	-8%	5.4%
Average trend change per year	3%	2%	2.5%

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 unspecified.

5. Fatal crashes: counts and characteristics

Table 5.1 By crash type

12 months end January	Crash type ^a		
	Single	Multiple	Total ^b
2020	630	434	1,064
2021	581	434	1,015
2022	614	433	1,047
2023	680	430	1,110
2024	719	432	1,154
Latest per cent change	6%	0%	4.0%
Average trend change per year	4%	0%	2.6%

Table 5.2 By posted speed limit

12 months end January	Posted speed limit (km/h)						Total ^b
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2020	21	128	229	177	339	161	1,064
2021	17	127	229	186	330	119	1,015
2022	17	123	248	162	341	141	1,047
2023	21	120	311	179	336	134	1,110
2024	36	151	276	198	318	139	1,154
Latest per cent change	71%	26%	-11%	11%	-5%	4%	4.0%
Average trend change per year	14%	3%	7%	2%	-1%	-2%	2.6%

Table 5.3 By day of week

12 months end January	Day of week ^c			Total ^b
	Weekday	Weekend		
2020	651	413		1,064
2021	595	420		1,015
2022	647	400		1,047
2023	659	451		1,110
2024	730	423		1,154
Latest per cent change	11%	-6%		4.0%
Average trend change per year	3%	1%		2.6%

Table 5.4 By time of day

12 months end January	Time of day ^d		Total ^b
	Day	Night	
2020	523	541	1,064
2021	612	403	1,015
2022	648	399	1,047
2023	652	457	1,110
2024	707	446	1,154
Latest per cent change	8%	-2%	4.0%
Average trend change per year	7%	-3%	2.6%

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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