



Australian Government

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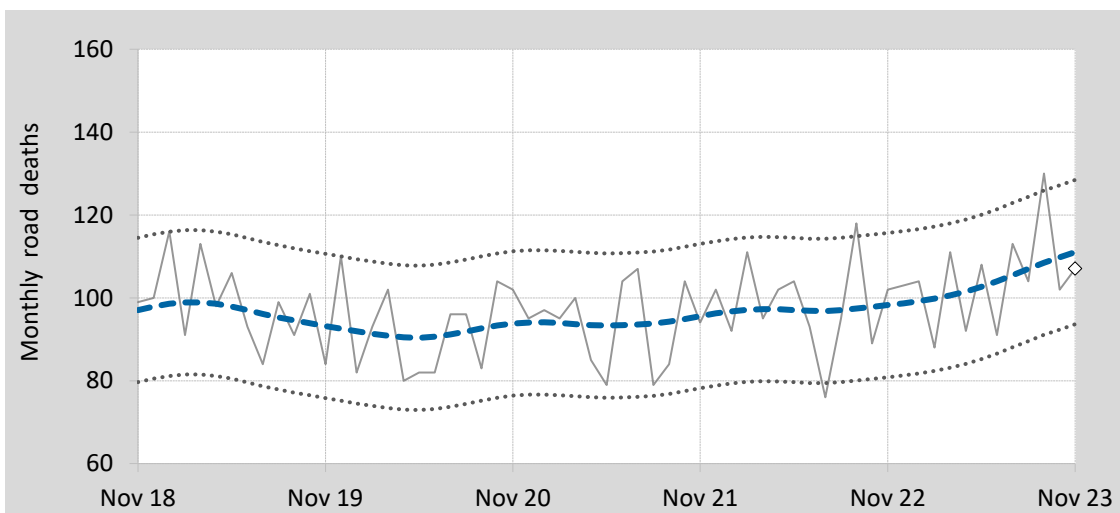
Road deaths Australia

November 2023

This month's key figures

- There was a total of 107 road deaths during the month of November 2023. The current figure is 11.2 per cent higher than the average for November over the previous five years.
- During the 12 months ended November 2023, there were 1,253 road deaths. This is an increase of 6.3 per cent from the 12-month period ending November 2022.
- Presently, the rate of annual deaths per 100,000 population stands at 4.7. This is a 3.9 per cent increase compared to the rate for the 12-month period ending November 2022.

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
2018	101	86	113	88	90	78	96	104	106	74	99	100	1,135
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	104	88	111	92	108	91	113	104	130	102	107		1,150*

I. Monthly deaths by jurisdiction — 2 years

— raw
 - - - smoothed
 (Whittaker-Henderson)

Figure I.1 NSW

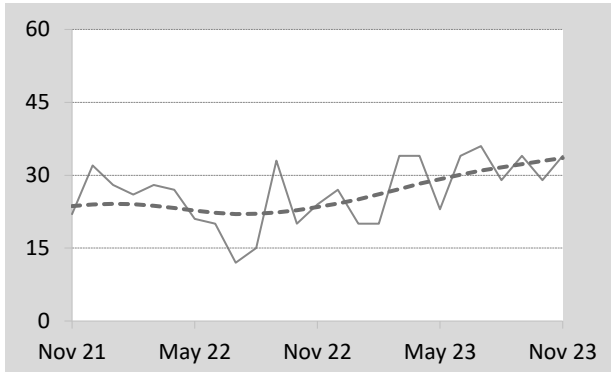


Figure I.2 Vic

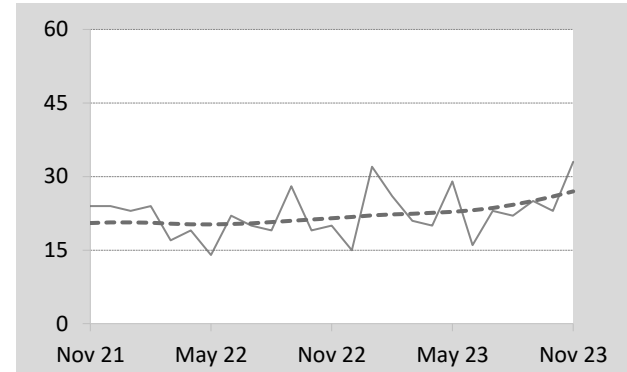


Figure I.3 Qld

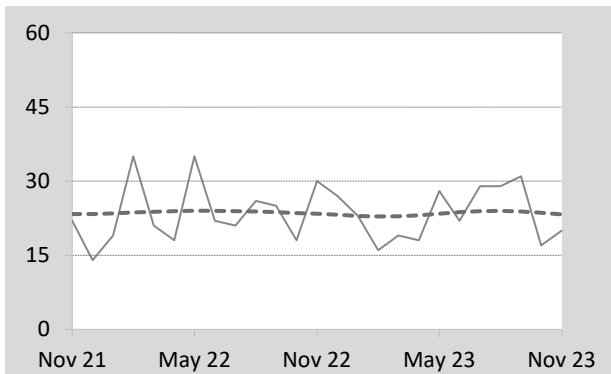


Figure I.4 SA

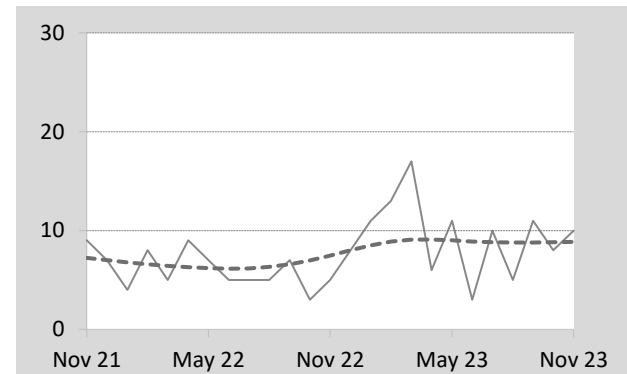


Figure I.5 WA

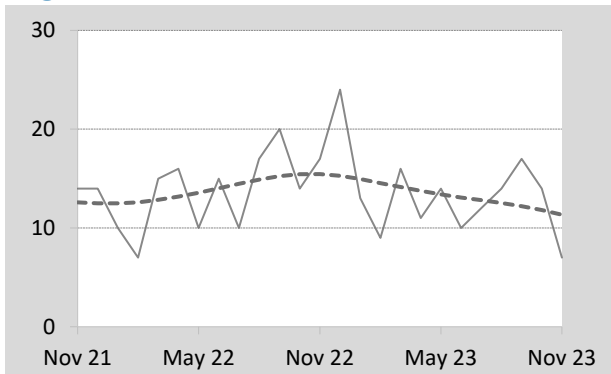


Figure I.6 Tas

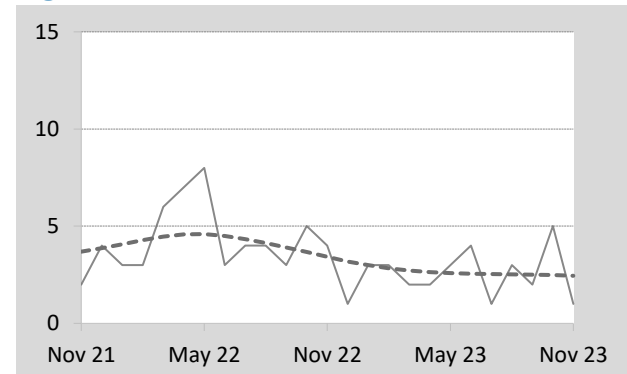


Figure I.7 NT

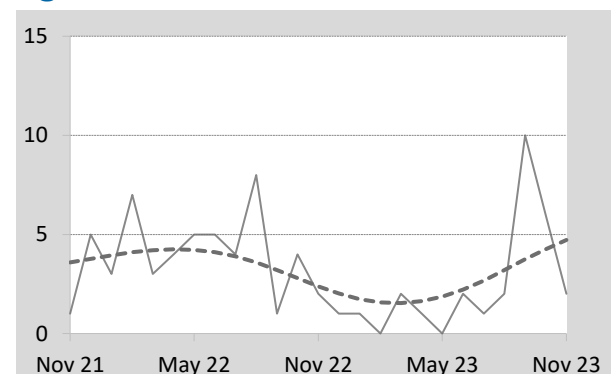
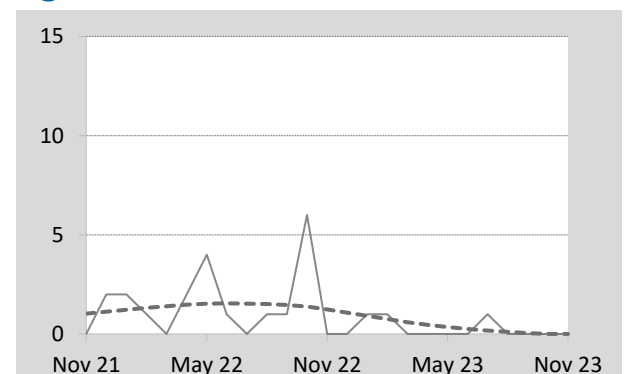


Figure I.8 ACT



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
November 2022	24	20	30	5	17	4	2	0	102
November 2023	34	33	20	10	7	1	2	0	107
Per cent change	42%	65%	-33%	100%	-59%	-75%	0%	-	4.9%

Table 2.2 Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - November 2022	254	225	270	63	151	50	46	18	1,077
January - November 2023	327	270	252	105	137	29	27	3	1,150
Per cent change	29%	20%	-7%	67%	-9%	-42%	-41%	-83%	6.8%

Table 2.3 12 months ended November

12 months end November	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2019	352	262	227	110	163	30	27	5	1,176
2020	291	216	264	98	159	39	38	7	1,112
2021	265	223	293	100	163	34	35	10	1,123
2022	286	249	284	70	165	54	51	20	1,179
2023	354	285	279	113	161	30	28	3	1,253
Latest per cent change	23.8%	14.5%	-1.8%	61.4%	-2.4%	-44.4%	-45.1%	-85.0%	6.3%
Average trend change per year	0%	3%	5%	-3%	0%	3%	4%	0%	1.9%

3. Annual deaths per 100,000 population

Table 3.1 12 months ended November

12 months end November	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2019	4.4	4.0	4.5	6.2	6.1	5.5	11.0	1.1	4.6
2020	3.6	3.3	5.1	5.5	5.8	7.0	15.4	1.6	4.3
2021	3.3	3.4	5.6	5.6	5.9	6.0	14.1	2.2	4.4
2022	3.5	3.8	5.3	3.8	5.9	9.5	20.4	4.4	4.5
2023	4.3	4.2	5.1	6.1	5.6	5.2	11.1	0.6	4.7
Latest per cent change	21.3%	11.6%	-4.0%	58.9%	-5.4%	-44.6%	-45.5%	-85.3%	3.9%
Average trend change per year	-1%	2%	3%	-4%	-2%	2%	3%	-1%	0.8%

Table 3.2 Calendar year period

Calendar year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2018	4.4	3.3	4.9	4.6	6.1	6.0	20.2	2.1	4.5
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
Latest per cent change	1%	3%	5%	-29%	4%	41%	33%	62%	3.1%

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

Table 4.1 By road user

12 months end November	Driver	Passenger	Pedestrian	Motorcyclist ^a	Pedal cyclist ^a	Total ^b
2019	554	206	167	210	36	1,176
2020	542	196	137	187	47	1,112
2021	540	184	132	222	38	1,123
2022	539	179	162	250	39	1,179
2023	600	206	163	242	37	1,253
<i>Latest per cent change</i>	11%	15%	1%	-3%	-5%	6.3%
<i>Average trend change per year</i>	2%	-1%	1%	6%	-1%	1.9%

Table 4.2 By age-group (years)

12 months end November	0 to 7	8 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^b
2019	19	28	239	242	365	111	169	1,176
2020	17	36	212	303	337	73	129	1,112
2021	21	41	217	246	344	109	143	1,123
2022	16	51	223	253	373	124	134	1,179
2023	13	43	238	281	376	134	157	1,253
<i>Latest per cent change</i>	-19%	-16%	7%	11%	1%	8%	17%	6.3%
<i>Average trend change per year</i>	-8%	13%	0%	1%	2%	9%	-1%	1.9%

Table 4.3 By gender

12 months end November	Male	Female	Total ^c
2019	896	280	1,176
2020	806	302	1,112
2021	841	280	1,123
2022	884	294	1,179
2023	932	310	1,253
<i>Latest per cent change</i>	5%	5%	6.3%
<i>Average trend change per year</i>	2%	2%	1.9%

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 November	Crash type ^a		
	Single	Multiple	Total ^b
2019	662	430	1,092
2020	578	429	1,007
2021	607	433	1,040
2022	688	422	1,110
2023	708	435	1,143
Latest per cent change	3%	3%	3.0%
Average trend change per year	3%	0%	1.9%

Table 5.2 By posted speed limit

12 months end November	Posted speed limit (km/h)						Total ^b
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2019	22	135	236	181	343	167	1,092
2020	17	122	225	188	328	123	1,007
2021	18	127	249	152	337	142	1,040
2022	19	120	292	190	344	135	1,110
2023	35	138	272	166	298	130	1,143
Latest per cent change	84%	15%	-7%	-13%	-13%	-4%	3.0%
Average trend change per year	11%	0%	6%	-2%	-2%	-4%	1.9%

Table 5.3 By day of week

12 months end November	Day of week ^c		Total ^b
	Weekday	Weekend	
2019	660	432	1,092
2020	598	409	1,007
2021	634	406	1,040
2022	671	439	1,110
2023	718	425	1,143
Latest per cent change	7%	-3%	3.0%
Average trend change per year	3%	0%	1.9%

Table 5.4 By time of day

12 months end November	Time of day ^d		Total ^b
	Day	Night	
2019	544	548	1,092
2020	587	420	1,007
2021	644	396	1,040
2022	642	467	1,110
2023	712	431	1,143
Latest per cent change	11%	-8%	3.0%
Average trend change per year	6%	-4%	1.9%

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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