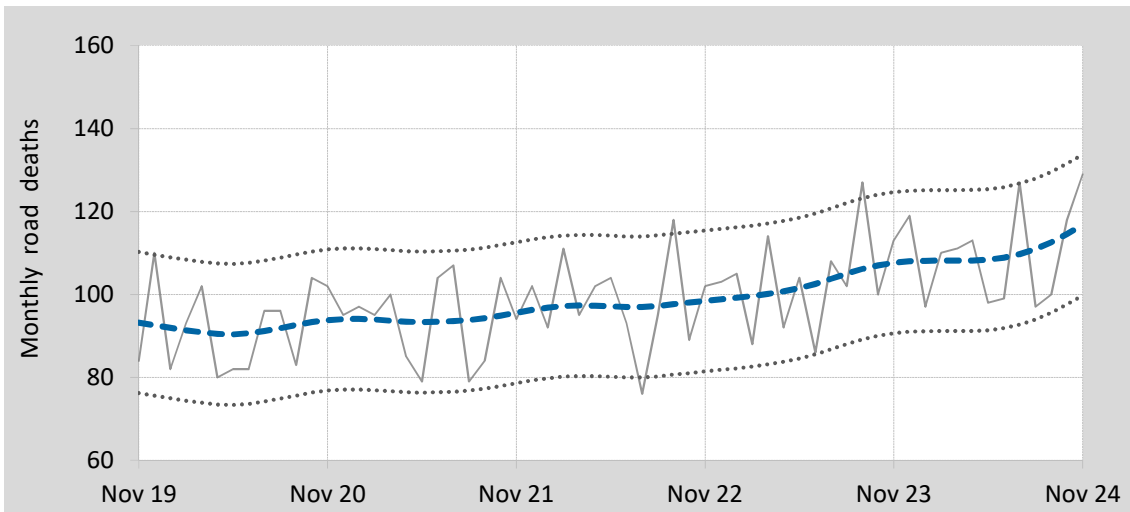




This month's key figures

- There was a total of 129 road deaths during the month of November 2024. The current figure is 30.3% higher than the average for November over the previous five years (2019 - 2023).
- During the 12 months ended November 2024, there were 1,318 road deaths. This is an increase of 6.1% from the 12-month period ending November 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.8. This is a 3.8% increase compared to the rate for the 12-month period ending November 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	May	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	114	92	104	86	108	102	127	100	113	119	1,258
2024	97	110	111	113	98	99	127	97	100	118	129		1,199
5-yr month average	95	99	104	94	93	93	103	94	102	103	108		

I. Monthly deaths by jurisdiction — 2 years

— raw
 - - - smoothed
 (Whittaker-Henderson)

Figure I.1 NSW

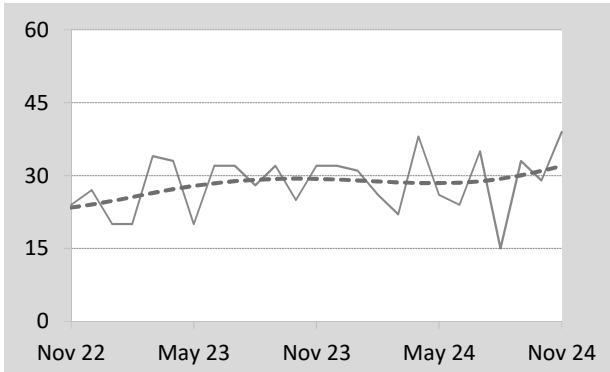


Figure I.2 Vic

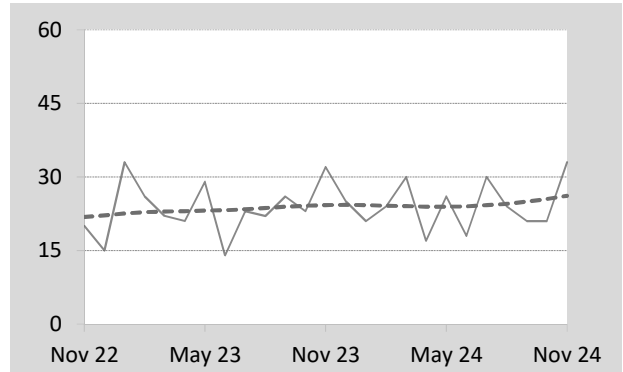


Figure I.3 Qld

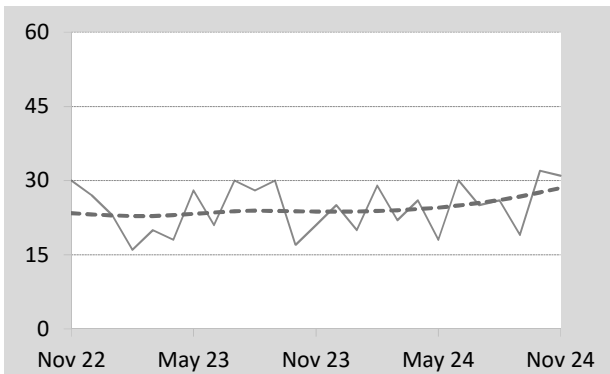


Figure I.4 SA

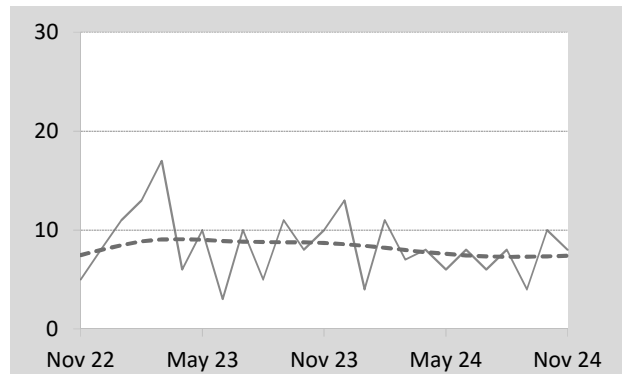


Figure I.5 WA

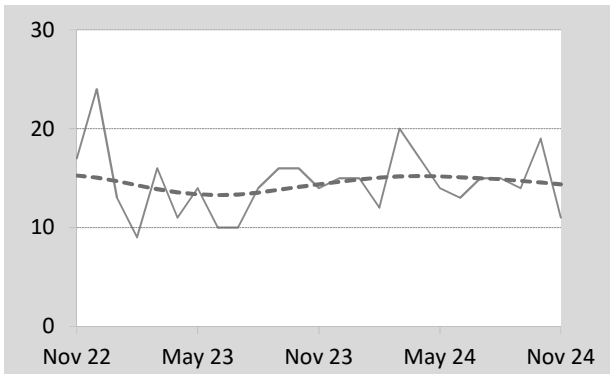


Figure I.6 Tas

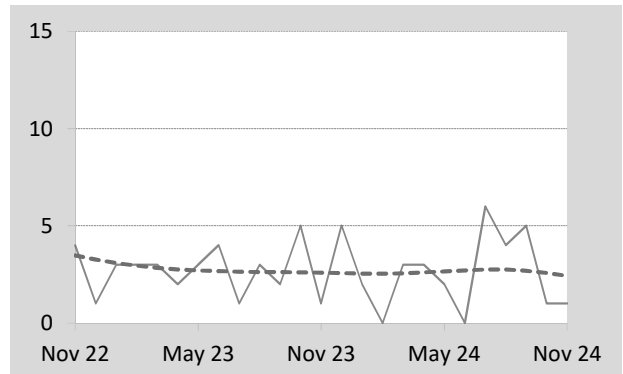


Figure I.7 NT

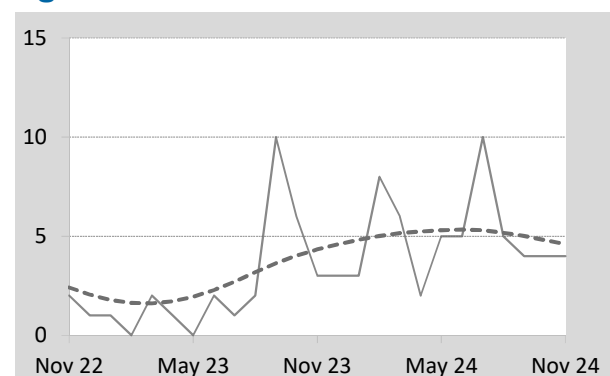
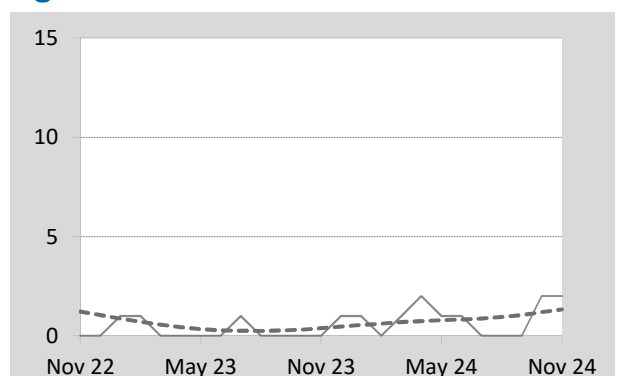


Figure I.8 ACT



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 2023	32	32	21	10	14	1	3	0	113
November 2024	39	33	31	8	11	1	4	2	129
Per cent change	22%	3%	48%	-20%	-21%	0%	33%	-	14.2%

Table 2.2 Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - November 2023	308	271	252	104	143	30	28	3	1,139
January - November 2024	318	265	278	80	165	27	56	10	1,199
Per cent change	3%	-2%	10%	-23%	15%	-10%	100%	233%	5.3%

Table 2.3 12 months ended November

12 months end November	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
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	335	286	279	112	167	31	29	3	1,242
2024	350	290	303	93	180	32	59	11	1,318
Latest per cent change	4.5%	1.4%	8.6%	-17.0%	7.8%	3.2%	103.4%	266.7%	6.1%
Average trend change per year	6.2%	8.7%	2.3%	0.1%	2.8%	-4.8%	7.2%	-3.0%	4.5%

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
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	4.0	4.2	5.1	6.0	5.8	5.4	11.5	0.6	4.7
2024	4.1	4.1	5.4	5.0	6.1	5.6	23.2	2.3	4.8
Latest per cent change	2.5%	-1.2%	6.1%	-18.1%	4.7%	2.8%	102.1%	260.3%	3.8%
Average trend change per year	5.0%	7.2%	0.3%	-1.1%	0.5%	-5.5%	6.4%	-4.5%	2.9%

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	4.1	4.3	5.1	6.3	5.5	6.1	12.3	0.9	4.7
Latest per cent change	18.5%	20.0%	-9.1%	62.0%	-12.6%	-31.7%	-34.8%	-78.2%	4.1%

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
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	591	209	160	243	35	1,242
2024	600	212	167	284	38	1,318
<i>Latest per cent change</i>	2%	1%	4%	17%	9%	6.1%
<i>Average trend change per year</i>	3%	3%	6%	10%	-5%	4.5%

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
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	46	242	284	366	132	157	1,242
2024	20	46	242	276	411	140	166	1,318
<i>Latest per cent change</i>	54%	0%	0%	-3%	12%	6%	6%	6.1%
<i>Average trend change per year</i>	-2%	6%	4%	0%	5%	16%	6%	4.5%

Table 4.3 By gender

12 months end November	Male	Female	Total ^c
2020	806	302	1,112
2021	842	280	1,123
2022	884	294	1,179
2023	928	314	1,242
2024	997	317	1,318
<i>Latest per cent change</i>	7%	1%	6.1%
<i>Average trend change per year</i>	5%	2%	4.5%

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 is unspecified.

5. Fatal crashes: counts and characteristics

Table 5.1 By crash type

12 months end November	Crash type ^a		
	Single	Multiple	Total ^b
2020	578	429	1,007
2021	607	433	1,040
2022	688	422	1,110
2023	664	468	1,132
2024	729	479	1,208
Latest per cent change	10%	2%	6.7%
Average trend change per year	6%	3%	4.6%

Table 5.2 By posted speed limit

12 months end November	Posted speed limit (km/h)						
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	Total ^b
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	36	147	288	190	326	136	1,132
2024	26	131	289	202	335	123	1,208
Latest per cent change	-28%	-11%	0%	6%	3%	-10%	6.7%
Average trend change per year	17%	3%	7%	4%	0%	0%	4.6%

Table 5.3 By day of week

12 months end November	Day of week ^c		
	Weekday	Weekend	Total ^b
2020	598	409	1,007
2021	634	406	1,040
2022	671	439	1,110
2023	712	420	1,132
2024	764	443	1,208
Latest per cent change	7%	5%	6.7%
Average trend change per year	6%	2%	4.6%

Table 5.4 By time of day

12 months end November	Time of day ^d		
	Day	Night	Total ^b
2020	587	420	1,007
2021	644	396	1,040
2022	642	467	1,110
2023	696	436	1,132
2024	751	454	1,208
Latest per cent change	8%	4%	6.7%
Average trend change per year	6%	3%	4.6%

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:

Bureau of Infrastructure and Transport Research Economics (BITRE)

Web: www.bitre.gov.au

Email: roadsafetystatistics@infrastructure.gov.au

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

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BITRE/BCARR Reference 2024-1221