



Australian Government

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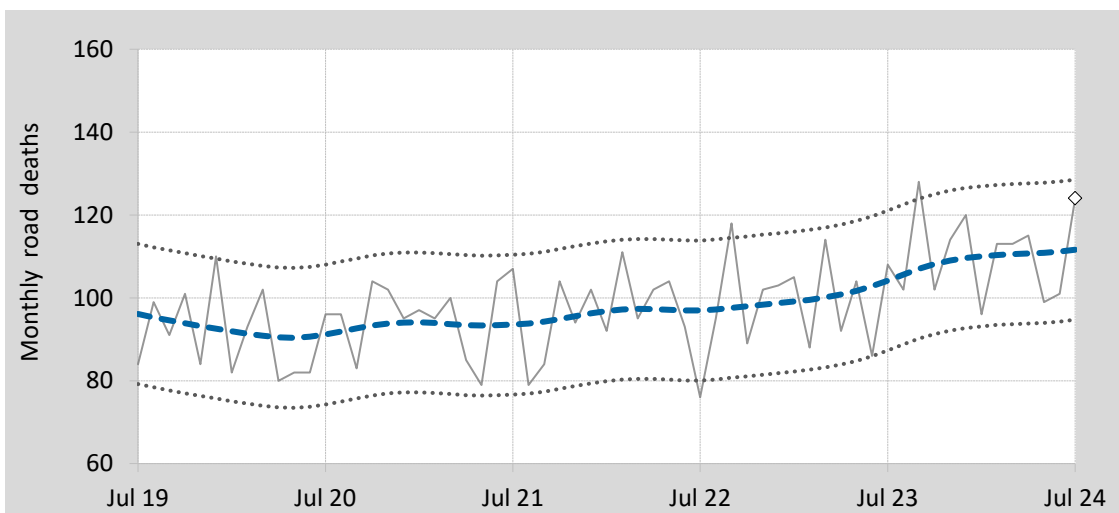
Road deaths Australia

July 2024

This month's key figures

- There was a total of 124 road deaths during the month of July 2024. The current figure is 31.6% higher than the average for July over the previous five years.
- During the 12 months ended July 2024, there were 1,327 road deaths. This is an increase of 10.2% from the 12-month period ending July 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.9. This is a 7.6% increase compared to the rate for the 12-month period ending July 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	128	102	114	120	1,263
2024	96	113	113	115	99	101	124						761

I. Monthly deaths by jurisdiction — 2 years

— raw
 - - - smoothed
 (Whittaker-Henderson)

Figure I.1 NSW

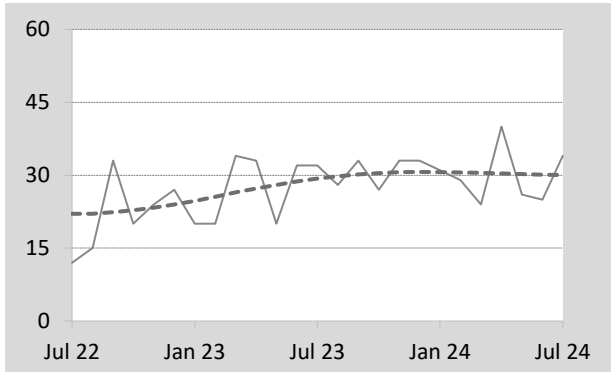


Figure I.2 Vic

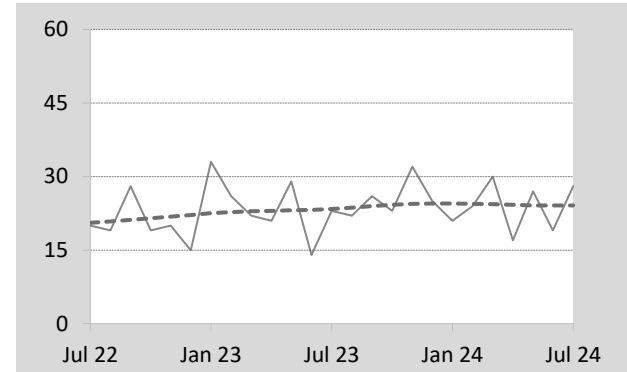


Figure I.3 Qld

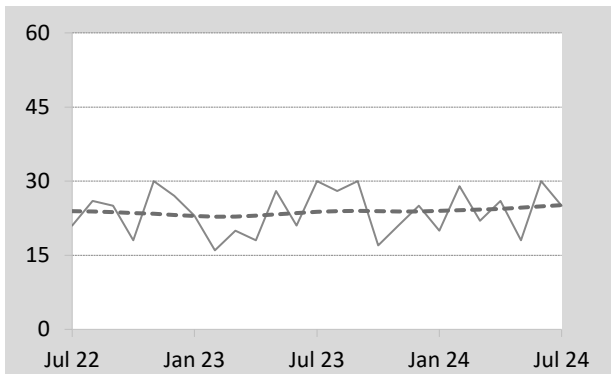


Figure I.4 SA

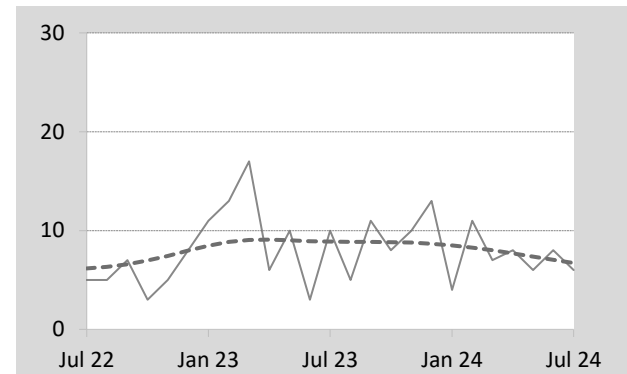


Figure I.5 WA

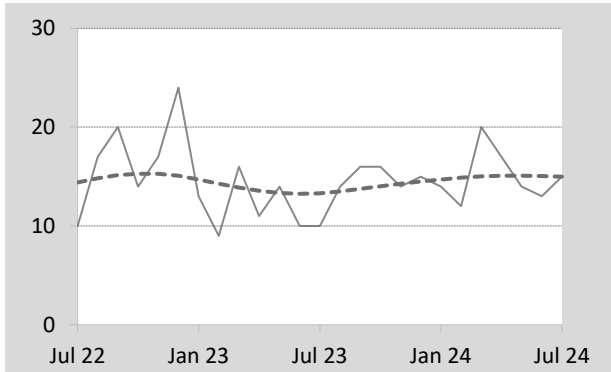


Figure I.6 Tas

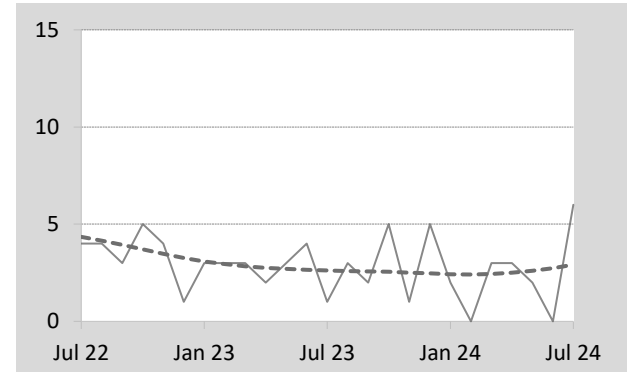


Figure I.7 NT

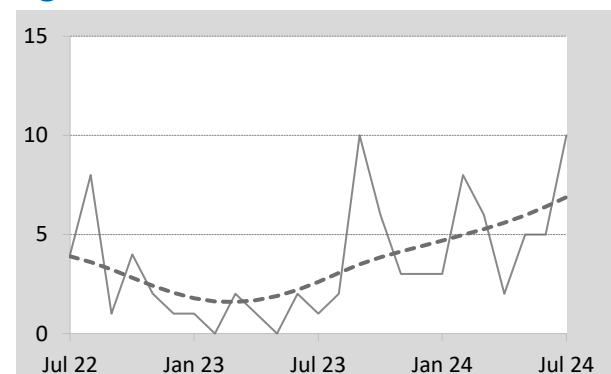
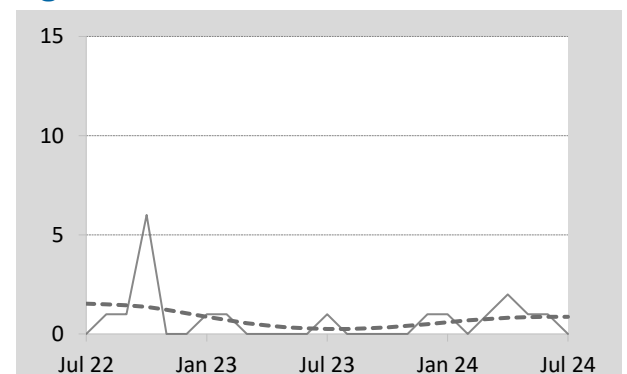


Figure I.8 ACT



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
July 2023	32	23	30	10	10	1	1	1	108
July 2024	34	28	25	6	15	6	10	0	124
Per cent change	6%	22%	-17%	-40%	50%	500%	900%	-100%	14.8%

Table 2.2 Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - July 2023	191	168	156	70	83	19	7	3	697
January - July 2024	209	166	170	50	105	16	39	6	761
Per cent change	9%	-1%	9%	-29%	27%	-16%	457%	100%	9.2%

Table 2.3 12 months ended July

12 months end July	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	315	229	243	101	145	31	32	6	1,102
2021	281	208	303	98	170	38	38	11	1,147
2022	274	243	281	81	150	49	44	14	1,136
2023	310	269	282	98	175	36	23	11	1,204
2024	363	294	291	97	180	32	63	7	1,327
Latest per cent change	17.1%	9.3%	3.2%	-1.0%	2.9%	-11.1%	173.9%	-36.4%	10.2%
Average trend change per year	3.9%	7.9%	2.9%	-0.8%	4.7%	0.1%	8.9%	3.1%	4.3%

3. Annual deaths per 100,000 population

Table 3.1 12 months ended July

12 months end July	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	3.9	3.5	4.7	5.7	5.4	5.6	13.0	1.4	4.3
2021	3.5	3.2	5.8	5.5	6.2	6.8	15.3	2.5	4.5
2022	3.4	3.7	5.3	4.5	5.4	8.6	17.7	3.1	4.4
2023	3.8	4.0	5.2	5.3	6.2	6.3	9.1	2.4	4.6
2024	4.3	4.2	5.3	5.2	6.1	5.6	24.8	1.5	4.9
Latest per cent change	14.5%	6.4%	0.6%	-2.6%	-0.4%	-11.5%	171.6%	-37.6%	7.6%
Average trend change per year	2.8%	6.6%	1.0%	-2.0%	2.5%	-0.8%	8.1%	1.5%	2.8%

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	4.1	4.3	5.1	6.3	5.5	6.1	12.3	0.9	4.7
Latest per cent change	20.2%	19.9%	-9.1%	62.0%	-12.6%	-31.7%	-34.8%	-78.2%	4.4%

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

Table 4.1 **By road user**

12 months end July	Driver	Passenger	Pedestrian	Motorcyclist ^a	Pedal cyclist ^a	Total ^b
2020	532	188	143	191	46	1,102
2021	565	182	132	228	34	1,147
2022	543	183	144	221	37	1,136
2023	559	192	160	246	43	1,204
2024	604	231	163	278	34	1,327
Latest per cent change	8%	20%	2%	13%	-21%	10.2%
Average trend change per year	2%	5%	5%	9%	-4%	4.3%

Table 4.2 **By age-group (years)**

12 months end July	0 to 7	8 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^b
2020	11	36	226	279	320	90	134	1,102
2021	22	40	214	284	363	95	128	1,147
2022	22	44	222	223	348	125	146	1,136
2023	10	46	232	283	368	117	148	1,204
2024	18	49	241	273	405	152	172	1,327
Latest per cent change	80%	7%	4%	-4%	10%	30%	16%	10.2%
Average trend change per year	2%	8%	2%	0%	5%	13%	7%	4.3%

Table 4.3 **By gender**

12 months end July	Male	Female	Total ^c
2020	820	278	1,102
2021	845	302	1,147
2022	862	272	1,136
2023	875	328	1,204
2024	1,027	294	1,327
Latest per cent change	17%	-10%	10.2%
Average trend change per year	5%	2%	4.3%

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 July	Crash type ^a		
	Single	Multiple	Total ^b
2020	597	408	1,005
2021	600	466	1,066
2022	657	400	1,057
2023	668	444	1,112
2024	758	447	1,205
Latest per cent change	13%	1%	8.4%
Average trend change per year	6%	1%	4.1%

Table 5.2 By posted speed limit

12 months end July	Posted speed limit (km/h)						Total ^b
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2020	23	129	223	178	322	126	1,005
2021	13	122	248	176	347	147	1,066
2022	21	119	266	174	343	123	1,057
2023	31	126	295	189	324	138	1,112
2024	32	154	295	195	339	131	1,205
Latest per cent change	3%	22%	0%	3%	5%	-5%	8.4%
Average trend change per year	17%	4%	8%	3%	0%	0%	4.1%

Table 5.3 By day of week

12 months end July	Day of week ^c			Total ^b
	Weekday	Weekend		
2020	621	384		1,005
2021	619	447		1,066
2022	659	398		1,057
2023	686	426		1,112
2024	771	434		1,205
Latest per cent change	12%	2%		8.4%
Average trend change per year	6%	2%		4.1%

Table 5.4 By time of day

12 months end July	Time of day ^d		Total ^b
	Day	Night	
2020	559	446	1,005
2021	646	420	1,066
2022	643	414	1,057
2023	667	445	1,112
2024	747	458	1,205
Latest per cent change	12%	3%	8.4%
Average trend change per year	6%	1%	4.1%

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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