



Australian Government

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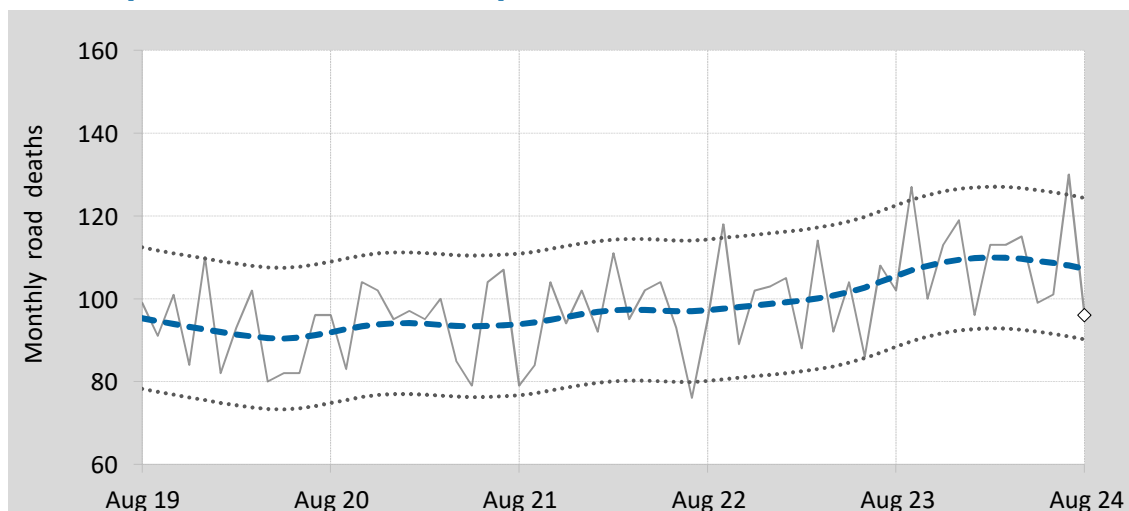
Road deaths Australia

August 2024

This month's key figures

- There was a total of 96 road deaths during the month of August 2024. The current figure is 1.9% higher than the average for August over the previous five years.
- During the 12 months ended August 2024, there were 1,322 road deaths. This is an increase of 9.2% from the 12-month period ending August 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.9. This is a 6.6% increase compared to the rate for the 12-month period ending August 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	96	113	113	115	99	101	130	96					863
5-yr month average	94	100	105	95	94	93	103	94					

I. Monthly deaths by jurisdiction — 2 years

— raw
- - - smoothed
(Whittaker-Henderson)

Figure I.1 NSW

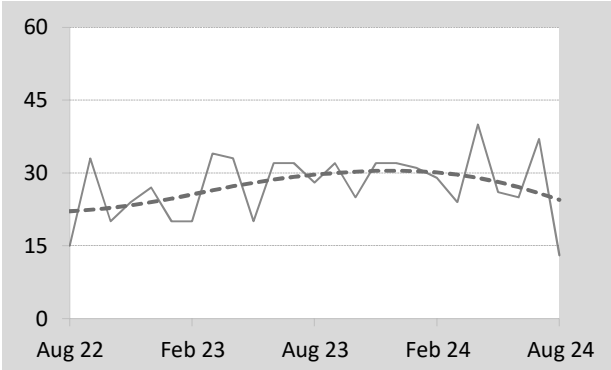


Figure I.2 Vic

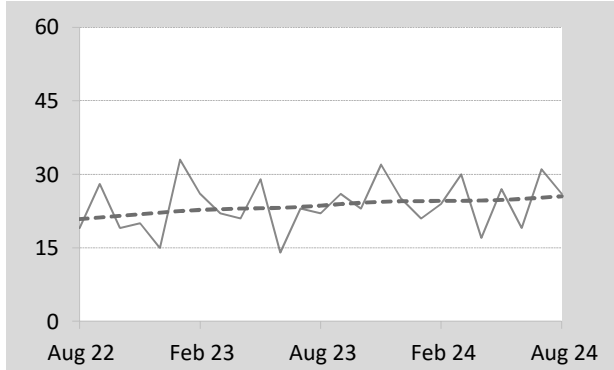


Figure I.3 Qld

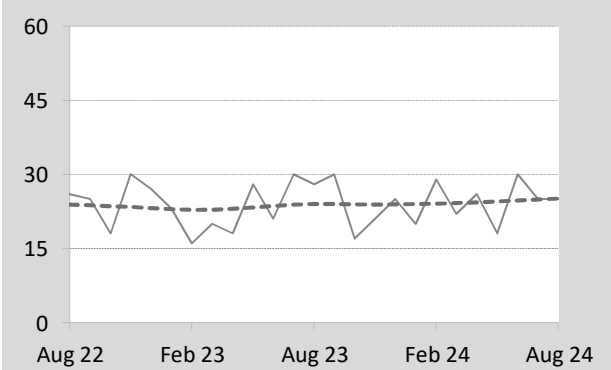


Figure I.4 SA

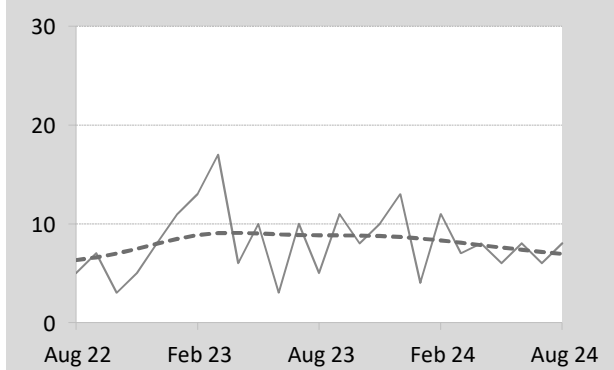


Figure I.5 WA

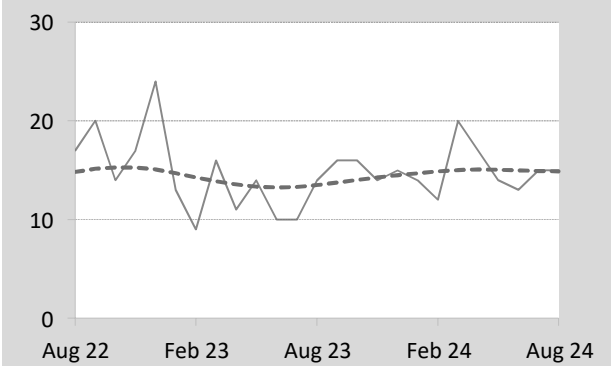


Figure I.6 Tas

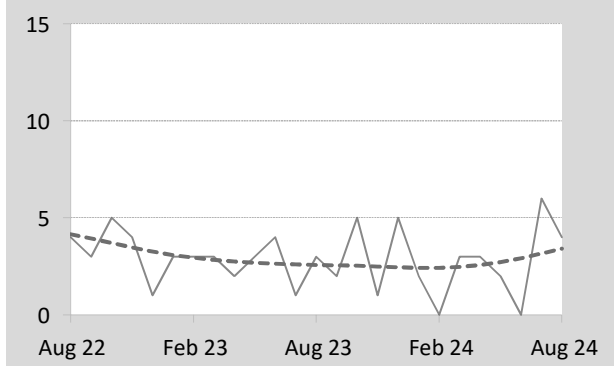


Figure I.7 NT

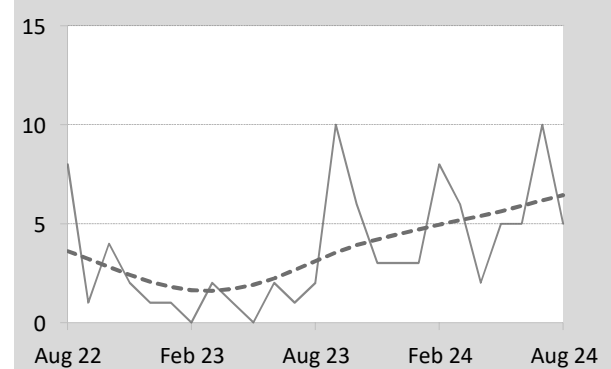
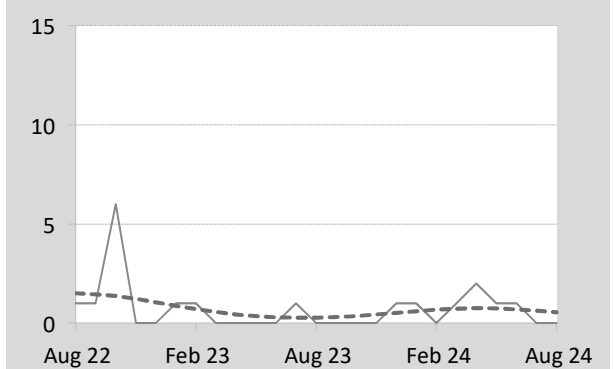


Figure I.8 ACT



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
August 2023	28	22	28	5	14	3	2	0	102
August 2024	13	26	25	8	15	4	5	0	96
Per cent change	-54%	18%	-11%	60%	7%	33%	150%	0%	-5.9%

Table 2.2 Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - August 2023	219	190	184	75	97	22	9	3	799
January - August 2024	225	195	195	58	120	20	44	6	863
Per cent change	3%	3%	6%	-23%	24%	-9%	389%	100%	8.0%

Table 2.3 12 months ended August

12 months end August	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	310	227	247	98	142	35	34	6	1,099
2021	271	211	298	97	168	37	36	12	1,130
2022	273	245	285	82	156	48	49	14	1,152
2023	323	272	284	98	172	35	17	10	1,211
2024	346	301	288	100	181	33	66	7	1,322
Latest per cent change	7.1%	10.7%	1.4%	2.0%	5.2%	-5.7%	288.2%	-30.0%	9.2%
Average trend change per year	4.0%	8.5%	2.6%	0.5%	5.2%	-1.7%	5.9%	1.3%	4.5%

3. Annual deaths per 100,000 population

Table 3.1 12 months ended August

12 months end August	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	3.8	3.4	4.8	5.5	5.3	6.3	13.8	1.4	4.3
2021	3.3	3.2	5.7	5.4	6.1	6.6	14.5	2.7	4.4
2022	3.4	3.7	5.4	4.5	5.6	8.4	19.8	3.1	4.5
2023	3.9	4.0	5.2	5.3	6.0	6.1	6.8	2.2	4.6
2024	4.1	4.3	5.2	5.3	6.2	5.7	26.0	1.5	4.9
Latest per cent change	4.8%	7.8%	-1.1%	0.4%	1.9%	-6.1%	285.2%	-31.3%	6.6%
Average trend change per year	2.9%	7.2%	0.7%	-0.7%	3.0%	-2.6%	5.1%	-0.3%	3.0%

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	18.4%	19.9%	-9.1%	62.0%	-12.6%	-31.7%	-34.8%	-78.2%	4.0%

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

Table 4.1 By road user

12 months end August	Driver	Passenger	Pedestrian	Motorcyclist ^a	Pedal cyclist ^a	Total ^b
2020	529	192	142	186	48	1,099
2021	560	177	130	225	32	1,130
2022	554	182	140	232	35	1,152
2023	563	192	168	241	44	1,211
2024	592	228	164	284	36	1,322
Latest per cent change	5%	19%	-2%	18%	-18%	9.2%
Average trend change per year	2%	4%	6%	10%	-3%	4.5%

Table 4.2 By age-group (years)

12 months end August	0 to 7	8 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total ^b
2020	14	35	219	284	322	86	133	1,099
2021	19	42	214	272	355	98	129	1,130
2022	22	41	227	234	355	127	140	1,152
2023	9	48	231	284	368	119	152	1,211
2024	22	47	242	271	405	151	165	1,322
Latest per cent change	144%	-2%	5%	-5%	10%	27%	9%	9.2%
Average trend change per year	2%	7%	3%	-1%	5%	14%	6%	4.5%

Table 4.3 By gender

12 months end August	Male	Female	Total ^c
2020	807	288	1,099
2021	841	289	1,130
2022	869	281	1,152
2023	890	320	1,211
2024	1,021	296	1,322
Latest per cent change	15%	-8%	9.2%
Average trend change per year	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 August	Crash type ^a		
	Single	Multiple	Total ^b
2020	584	411	995
2021	587	464	1,051
2022	664	410	1,074
2023	679	443	1,122
2024	755	443	1,198
Latest per cent change	11%	0%	6.8%
Average trend change per year	7%	1%	4.5%

Table 5.2 By posted speed limit

12 months end August	Posted speed limit (km/h)						Total ^b
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2020	19	125	224	173	331	119	995
2021	14	124	237	167	347	148	1,051
2022	21	118	273	180	348	123	1,074
2023	32	136	296	193	320	138	1,122
2024	29	144	295	191	339	128	1,198
Latest per cent change	-9%	6%	0%	-1%	6%	-7%	6.8%
Average trend change per year	18%	4%	8%	3%	0%	1%	4.5%

Table 5.3 By day of week

12 months end August	Day of week ^c		Total ^b
	Weekday	Weekend	
2020	615	380	995
2021	615	436	1,051
2022	666	408	1,074
2023	694	428	1,122
2024	767	430	1,198
Latest per cent change	11%	0%	6.8%
Average trend change per year	6%	2%	4.5%

Table 5.4 By time of day

12 months end August	Time of day ^d		Total ^b
	Day	Night	
2020	566	429	995
2021	633	418	1,051
2022	649	424	1,074
2023	662	460	1,122
2024	748	447	1,198
Latest per cent change	13%	-3%	6.8%
Average trend change per year	6%	2%	4.5%

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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