



Australian Government

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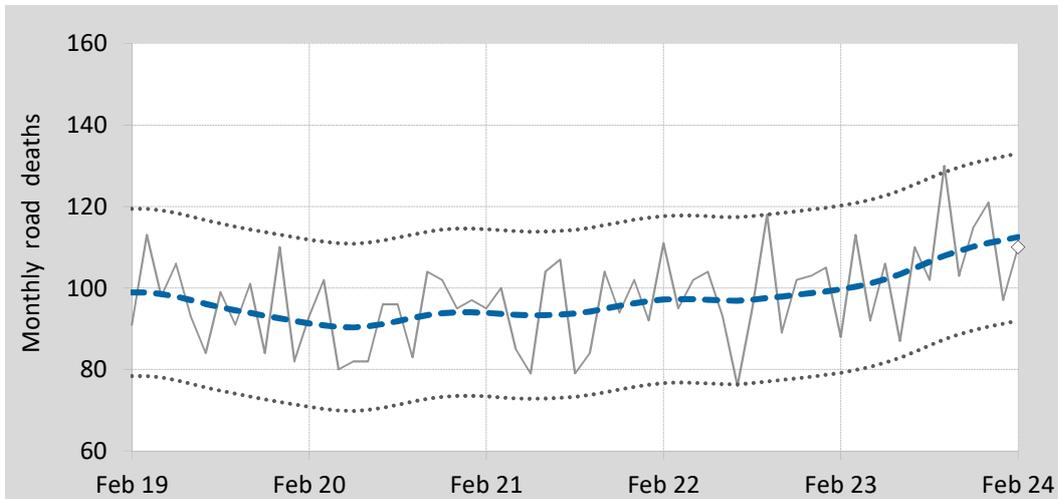
Road deaths Australia

February 2024

This month's key figures

- There was a total of 110 road deaths during the month of February 2024. The current figure is 15.1 per cent higher than the average for February over the previous five years.
- During the 12 months ended February 2024, there were 1,286 road deaths. This is an increase of 9.9 per cent from the 12-month period ending February 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.81. This is a 7.2 per cent increase compared to the rate for the 12-month period ending February 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	113	92	106	87	110	102	130	103	115	121	1,272
2024	97	110											207

I. Monthly deaths by jurisdiction — 2 years

— raw
 - - - smoothed
 (Whittaker-Henderson)

Figure I.1 NSW

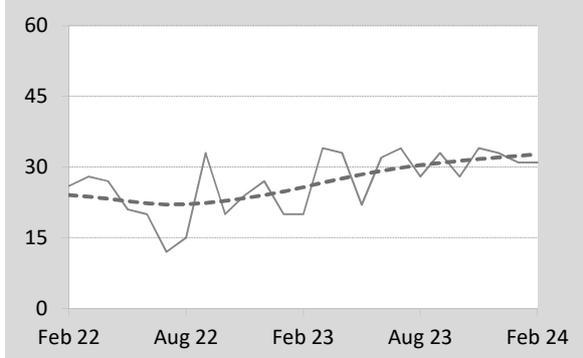


Figure I.2 Vic

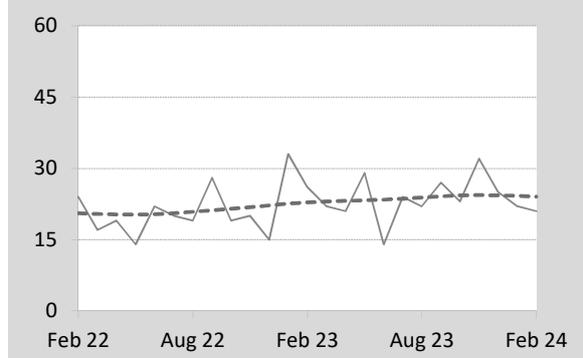


Figure I.3 Qld

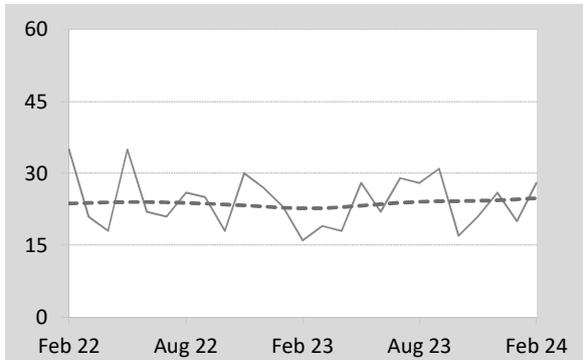


Figure I.4 SA

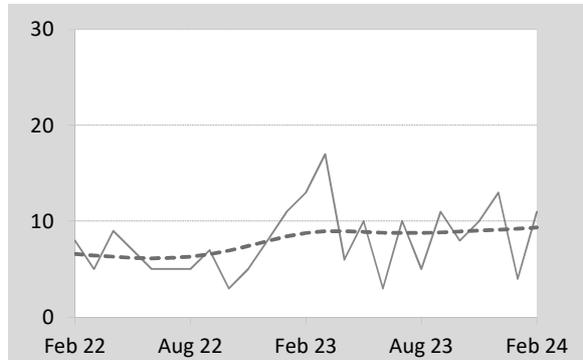


Figure I.5 WA

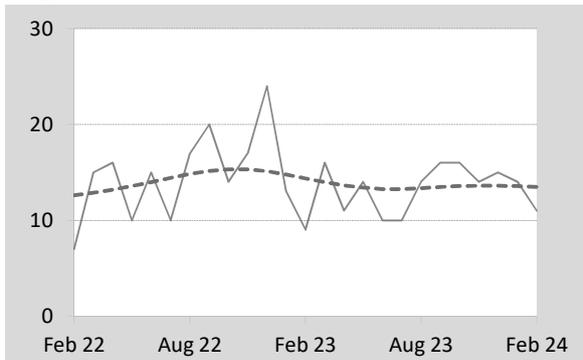


Figure I.6 Tas

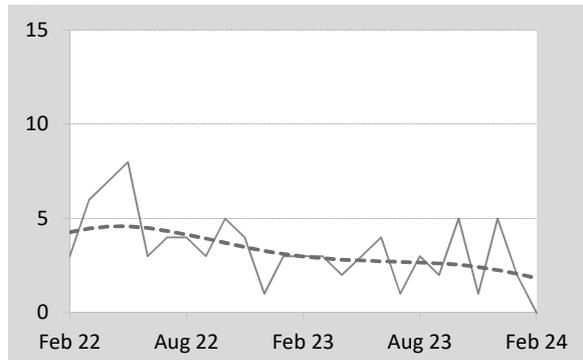


Figure I.7 NT

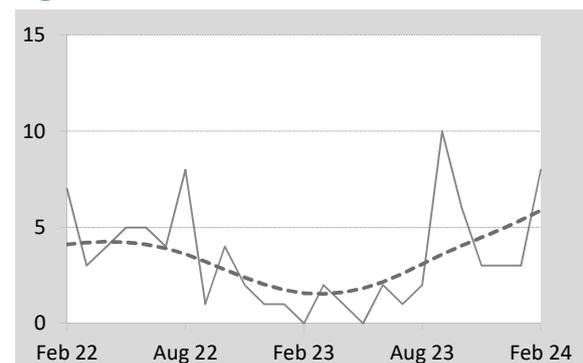
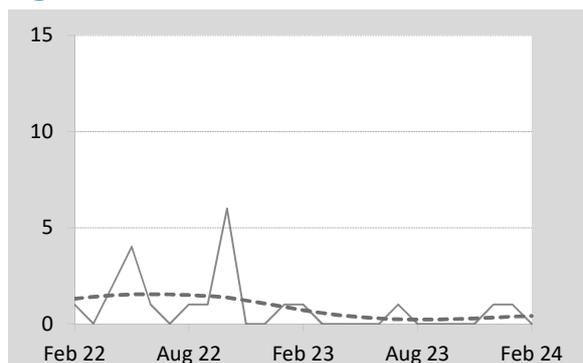


Figure I.8 ACT



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
February 2023	20	26	16	13	9	3	0	1	88
February 2024	31	21	28	11	11	0	8	0	110
Per cent change	55%	-19%	75%	-15%	22%	-100%	-	-100%	25.0%

Table 2.2 Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - February 2023	40	59	39	24	22	6	1	2	193
January - February 2024	62	43	48	15	25	2	11	1	207
Per cent change	55%	-27%	23%	-38%	14%	-67%	1000%	-50%	7.3%

Table 2.3 12 months ended February

12 months end February	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	340	252	219	113	153	37	35	5	1,154
2021	281	205	301	94	165	29	29	10	1,114
2022	279	243	283	94	150	39	42	11	1,141
2023	267	252	282	83	180	51	38	17	1,170
2024	373	282	287	108	161	31	41	3	1,286
Latest per cent change	39.7%	11.9%	1.8%	30.1%	-10.6%	-39.2%	7.9%	-82.4%	9.9%
Average trend change per year	1.4%	4.4%	4.9%	-2.1%	1.9%	2.1%	6.0%	-4.8%	2.7%

3. Annual deaths per 100,000 population

Table 3.1 12 months ended February

12 months end February	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	4.2	3.8	4.3	6.4	5.7	6.7	14.2	1.1	4.5
2021	3.5	3.1	5.8	5.2	6.1	5.2	11.7	2.2	4.3
2022	3.4	3.7	5.4	5.2	5.4	6.9	16.9	2.4	4.4
2023	3.3	3.8	5.3	4.5	6.4	8.9	15.2	3.7	4.5
2024	4.5	4.1	5.2	5.8	5.6	5.4	16.2	0.6	4.8
Latest per cent change	36.7%	8.8%	-0.9%	28.0%	-13.3%	-39.3%	6.9%	-82.7%	7.2%
Average trend change per year	0.5%	3.5%	3.0%	-3.2%	0.0%	1.0%	5.4%	-6.3%	1.5%

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	6.1	12.3	0.9	4.8
Latest per cent change	22.3%	20.9%	-8.8%	62.1%	-12.4%	-31.6%	-34.6%	-78.2%	5.3%

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

Table 4.1 By road user

12 months end February	<i>Driver</i>	<i>Passenger</i>	<i>Pedestrian</i>	<i>Motorcyclist^a</i>	<i>Pedal cyclist^a</i>	<i>Total^b</i>
2020	550	206	162	193	41	1,154
2021	546	180	128	214	41	1,114
2022	545	187	128	235	39	1,141
2023	547	187	154	235	39	1,170
2024	600	215	170	258	31	1,286
<i>Latest per cent change</i>	10%	15%	10%	10%	-21%	9.9%
<i>Average trend change per year</i>	2%	1%	3%	7%	-6%	2.7%

Table 4.2 By age-group (years)

12 months end February	<i>0 to 7</i>	<i>8 to 16</i>	<i>17 to 25</i>	<i>26 to 39</i>	<i>40 to 64</i>	<i>65 to 74</i>	<i>≥ 75</i>	<i>Total^b</i>
2020	12	30	227	266	357	100	160	1,154
2021	22	39	215	292	337	83	121	1,114
2022	20	42	224	225	363	116	147	1,141
2023	14	44	218	269	359	119	145	1,170
2024	16	51	238	295	388	137	150	1,286
<i>Latest per cent change</i>	14%	16%	9%	10%	8%	15%	3%	9.9%
<i>Average trend change per year</i>	1%	13%	1%	1%	2%	10%	1%	2.7%

Table 4.3 By gender

12 months end February	<i>Male</i>	<i>Female</i>	<i>Total^c</i>
2020	878	276	1,154
2021	811	299	1,114
2022	858	281	1,141
2023	855	314	1,170
2024	982	304	1,286
<i>Latest per cent change</i>	15%	-3%	9.9%
<i>Average trend change per year</i>	3%	2%	2.7%

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 February	Crash type ^a		
	Single	Multiple	Total ^b
2020	626	433	1,059
2021	584	439	1,023
2022	623	438	1,061
2023	669	422	1,091
2024	736	436	1,175
Latest per cent change	10%	3%	7.7%
Average trend change per year	5%	0%	2.8%

Table 5.2 By posted speed limit

12 months end February	Posted speed limit (km/h)						Total ^b
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2020	22	132	228	174	338	158	1,059
2021	15	121	238	191	333	117	1,023
2022	20	128	249	161	348	141	1,061
2023	21	112	305	170	333	139	1,091
2024	35	154	276	212	330	132	1,175
Latest per cent change	67%	38%	-10%	25%	-1%	-5%	7.7%
Average trend change per year	13%	2%	7%	3%	0%	-2%	2.8%

Table 5.3 By day of week

12 months end February	Day of week ^c		Total ^b
	Weekday	Weekend	
2020	646	413	1,059
2021	593	430	1,023
2022	652	409	1,061
2023	657	434	1,091
2024	746	428	1,175
Latest per cent change	14%	-1%	7.7%
Average trend change per year	4%	1%	2.8%

Table 5.4 By time of day

12 months end February	Time of day ^d		Total ^b
	Day	Night	
2020	533	526	1,059
2021	618	405	1,023
2022	657	404	1,061
2023	646	444	1,091
2024	723	451	1,175
Latest per cent change	12%	2%	7.7%
Average trend change per year	7%	-2%	2.8%

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-Hendersor 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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