



Australian Government

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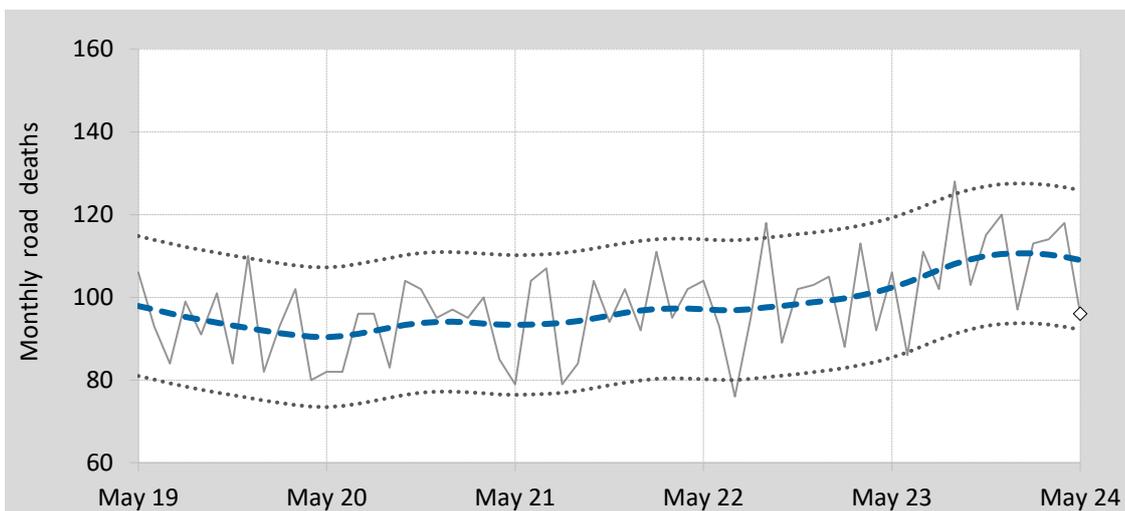
Road deaths Australia

May 2024

### This month's key figures

- There was a total of 96 road deaths during the month of May 2024. The current figure is 0.6% higher than the average for May over the previous five years.
- During the 12 months ended May 2024, there were 1,303 road deaths. This is an increase of 10.4% from the 12-month period ending May 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.8. This is a 7.6% increase compared to the rate for the 12-month period ending May 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.

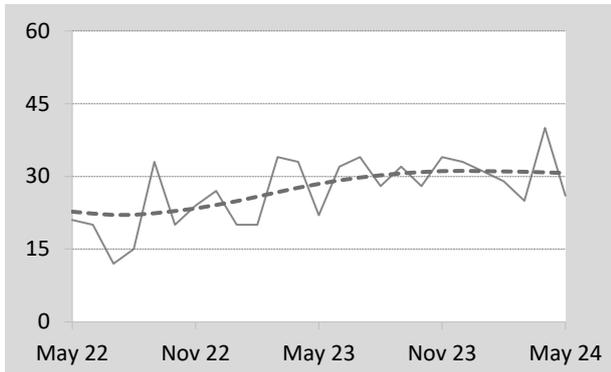
### Monthly fatalities over the last 5 years

	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	113	92	106	86	111	102	128	103	115	120	1,269
2024	97	113	114	118	96								538

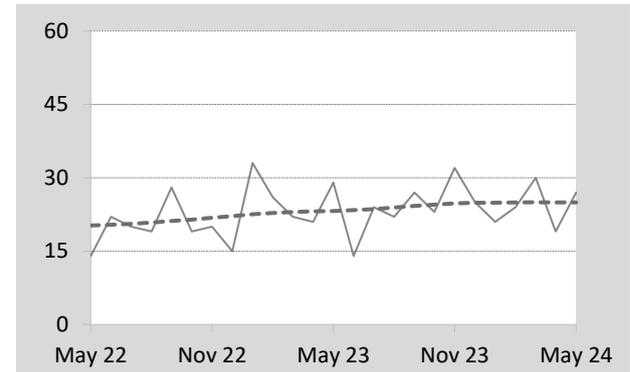
### I. Monthly deaths by jurisdiction — 2 years

— raw  
 - - - smoothed  
 (Whittaker-Henderson)

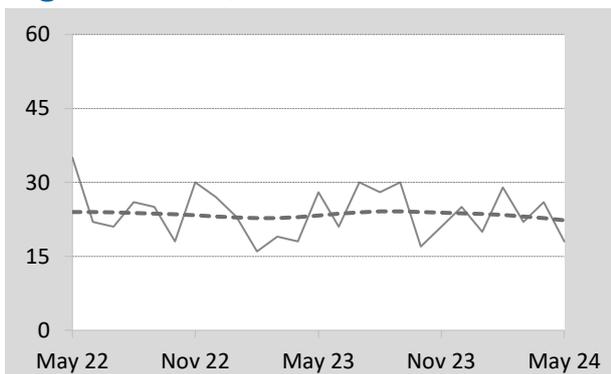
**Figure I.1 NSW**



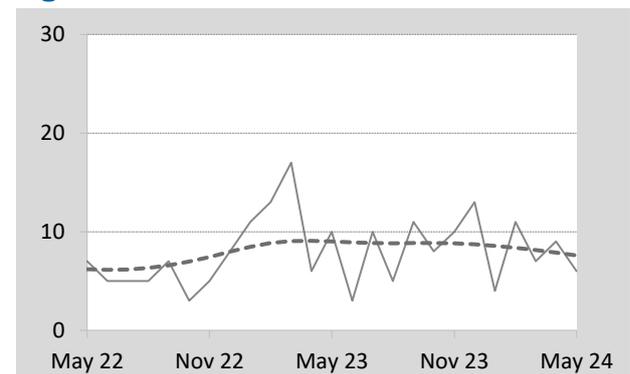
**Figure I.2 Vic**



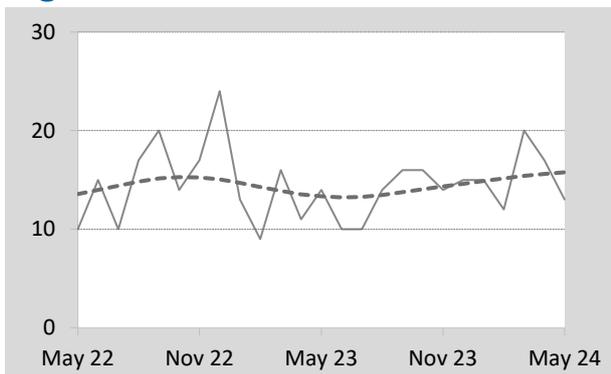
**Figure I.3 Qld**



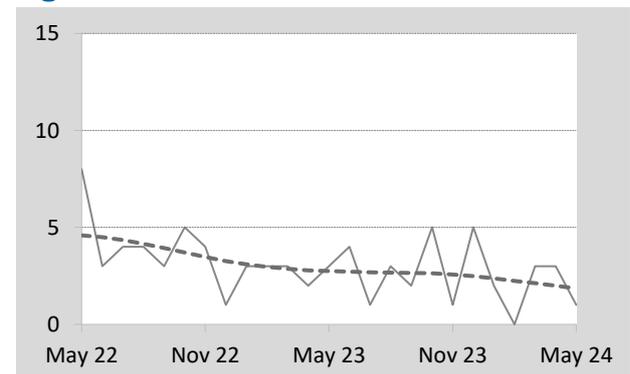
**Figure I.4 SA**



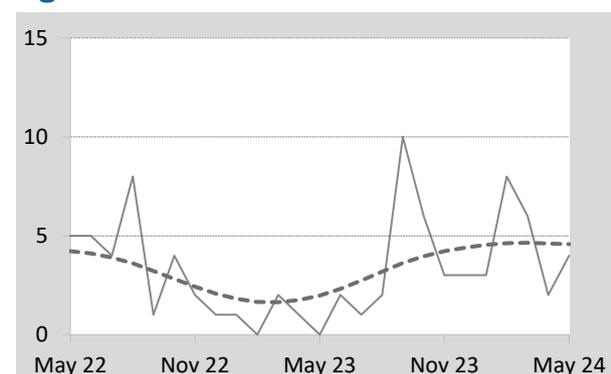
**Figure I.5 WA**



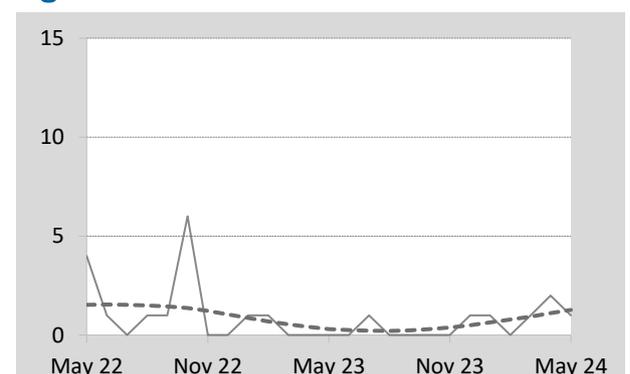
**Figure I.6 Tas**



**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
May 2023	22	29	28	10	14	3	0	0	106
May 2024	26	27	18	6	13	1	4	1	96
Per cent change	18%	-7%	-36%	-40%	-7%	-67%	-	-	-9.4%

**Table 2.2** Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - May 2023	129	131	104	57	63	14	4	2	504
January - May 2024	151	121	115	37	77	9	23	5	538
Per cent change	17%	-8%	11%	-35%	22%	-36%	475%	150%	6.7%

**Table 2.3** 12 months ended May

12 months end May	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	318	233	225	105	148	34	31	7	1,101
2021	280	199	297	93	169	32	34	10	1,114
2022	289	241	296	88	152	51	46	15	1,178
2023	280	274	273	95	180	38	29	11	1,180
2024	372	288	287	97	172	30	50	7	1,303
Latest per cent change	32.9%	5.1%	5.1%	2.1%	-4.4%	-21.1%	72.4%	-36.4%	10.4%
Average trend change per year	3.2%	7.7%	4.1%	-1.4%	3.7%	-0.8%	8.3%	1.0%	4.0%

## 3. Annual deaths per 100,000 population

**Table 3.1** 12 months ended May

12 months end May	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	3.9	3.5	4.4	5.9	5.5	6.2	12.6	1.6	4.3
2021	3.5	3.0	5.7	5.2	6.2	5.7	13.7	2.2	4.3
2022	3.6	3.7	5.6	4.9	5.5	9.0	18.5	3.3	4.6
2023	3.4	4.1	5.1	5.2	6.4	6.6	11.6	2.4	4.5
2024	4.4	4.2	5.2	5.2	5.9	5.2	19.8	1.5	4.8
Latest per cent change	29.8%	2.1%	2.3%	0.4%	-7.6%	-21.2%	71.5%	-37.7%	7.6%
Average trend change per year	2.2%	6.5%	2.2%	-2.5%	1.6%	-1.8%	7.7%	-0.7%	2.6%

**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	21.9%	20.8%	-9.4%	62.0%	-12.5%	-31.6%	-34.6%	-78.2%	5.0%

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

**Table 4.1 By road user**

12 months end May	Driver	Passenger	Pedestrian	Motorcyclist <sup>a</sup>	Pedal cyclist <sup>a</sup>	Total <sup>b</sup>
2020	528	181	150	191	49	1,101
2021	552	177	121	225	35	1,114
2022	564	188	147	229	39	1,178
2023	546	197	159	235	39	1,180
2024	597	214	169	277	31	1,303
Latest per cent change	9%	9%	6%	18%	-21%	10.4%
Average trend change per year	2%	5%	5%	8%	-8%	4.0%

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

12 months end May	0 to 7	8 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total <sup>b</sup>
2020	11	28	217	273	335	88	143	1,101
2021	22	45	218	279	335	93	121	1,114
2022	18	44	225	248	364	122	152	1,178
2023	15	47	229	256	369	116	147	1,180
2024	17	47	236	286	387	153	163	1,303
Latest per cent change	13%	0%	3%	12%	5%	32%	11%	10.4%
Average trend change per year	5%	11%	2%	0%	4%	14%	5%	4.0%

**Table 4.3 By gender**

12 months end May	Male	Female	Total <sup>c</sup>
2020	834	263	1,101
2021	824	290	1,114
2022	888	288	1,178
2023	852	327	1,180
2024	998	303	1,303
Latest per cent change	17%	-7%	10.4%
Average trend change per year	4%	4%	4.0%

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 May	Crash type <sup>a</sup>		
	Single	Multiple	Total <sup>b</sup>
2020	591	419	1,010
2021	584	450	1,034
2022	670	422	1,092
2023	665	425	1,090
2024	754	439	1,193
Latest per cent change	13%	3%	9.4%
Average trend change per year	6%	0%	3.9%

**Table 5.2** By posted speed limit

12 months end May	Posted speed limit (km/h)						Total <sup>b</sup>
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2020	22	138	218	176	316	136	1,010
2021	14	113	237	182	345	132	1,034
2022	21	131	271	169	353	135	1,092
2023	29	116	295	181	318	141	1,090
2024	28	149	286	195	348	133	1,193
Latest per cent change	-3%	28%	-3%	8%	9%	-6%	9.4%
Average trend change per year	13%	2%	8%	2%	1%	0%	3.9%

**Table 5.3** By day of week

12 months end May	Day of week <sup>c</sup>			Total <sup>b</sup>
	Weekday	Weekend		
2020	633	377		1,010
2021	589	445		1,034
2022	684	408		1,092
2023	680	410		1,090
2024	748	444		1,193
Latest per cent change	10%	8%		9.4%
Average trend change per year	5%	2%		3.9%

**Table 5.4** By time of day

12 months end May	Time of day <sup>d</sup>		Total <sup>b</sup>
	Day	Night	
2020	613	397	1,010
2021	629	405	1,034
2022	656	435	1,092
2023	659	431	1,090
2024	730	461	1,193
Latest per cent change	11%	7%	9.4%
Average trend change per year	4%	4%	3.9%

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](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

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

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