



Australian Government

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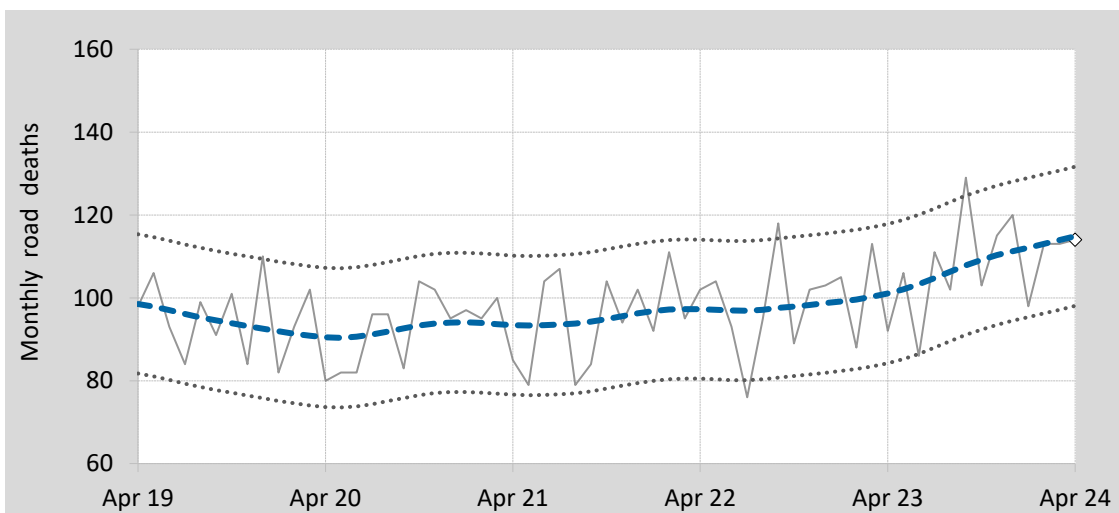
Road deaths Australia

April 2024

### This month's key figures

- There was a total of 114 road deaths during the month of April 2024. The current figure is 24.7% higher than the average for April over the previous five years.
- During the 12 months ended April 2024, there were 1,310 road deaths. This is an increase of 11.2% from the 12-month period ending April 2023.
- Presently, the rate of annual deaths per 100,000 population stands at 4.9. This is a 8.4% increase compared to the rate for the 12-month period ending April 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.

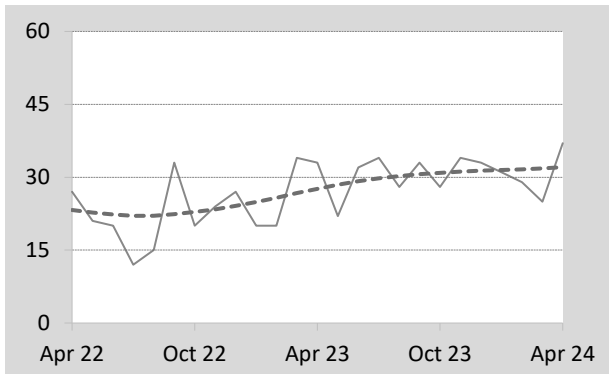
### Monthly fatalities over the last 5 years

	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	86	111	102	129	103	115	120	1,270
2024	98	113	113	114									438

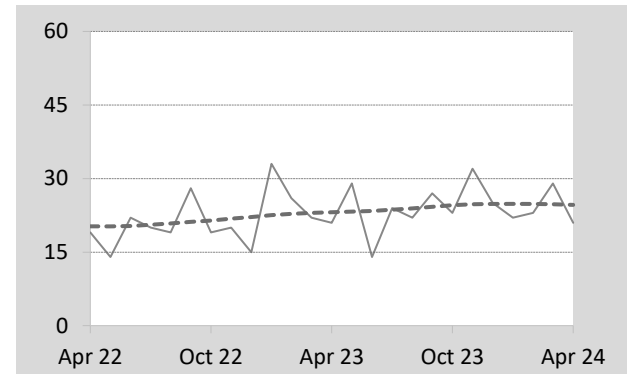
### I. Monthly deaths by jurisdiction — 2 years

— raw  
 - - - smoothed  
 (Whittaker-Henderson)

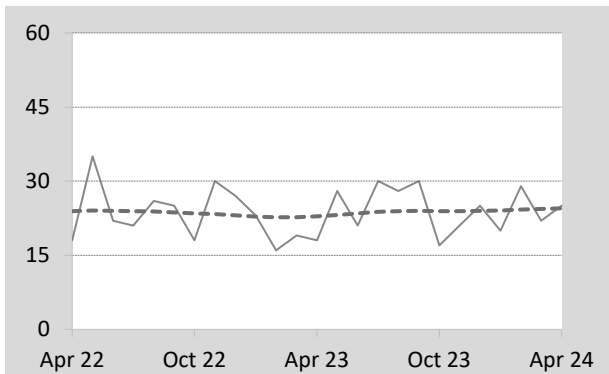
**Figure I.1 NSW**



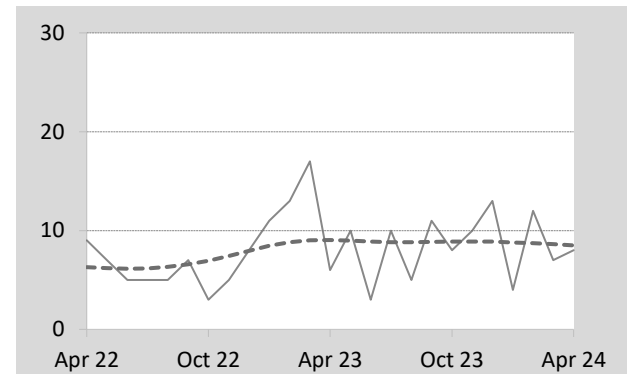
**Figure I.2 Vic**



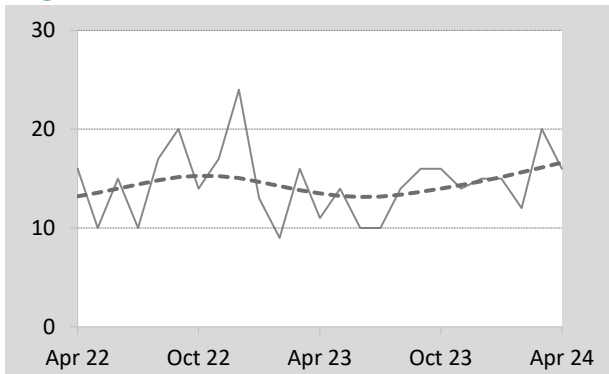
**Figure I.3 Qld**



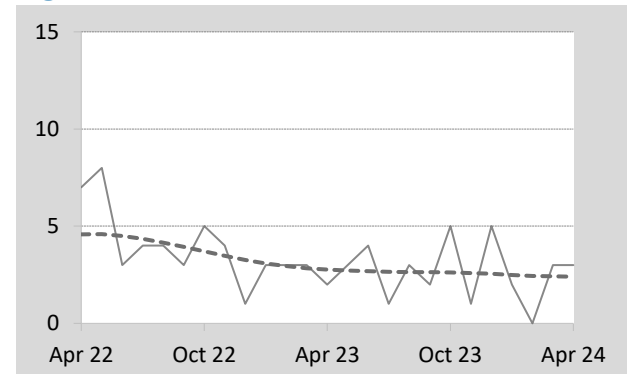
**Figure I.4 SA**



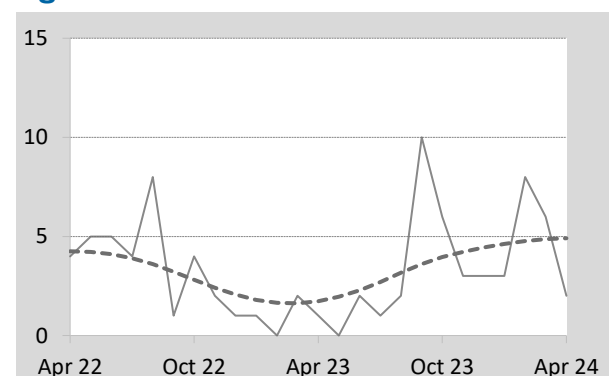
**Figure I.5 WA**



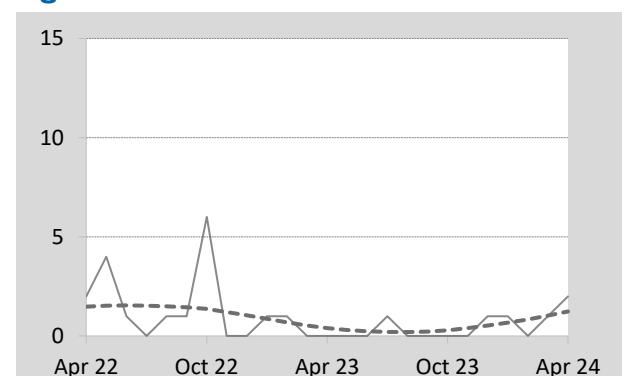
**Figure I.6 Tas**



**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
April 2023	33	21	18	6	11	2	1	0	92
April 2024	37	21	25	8	16	3	2	2	114
Per cent change	12%	0%	39%	33%	45%	50%	100%	-	23.9%

**Table 2.2** Calendar year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January - April 2023	107	102	76	47	49	11	4	2	398
January - April 2024	122	95	96	31	63	8	19	4	438
Per cent change	14%	-7%	26%	-34%	29%	-27%	375%	100%	10.1%

**Table 2.3** 12 months ended April

12 months end April	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	318	251	225	110	147	34	33	7	1,125
2021	279	200	303	95	168	31	31	10	1,117
2022	289	241	277	86	158	46	45	11	1,153
2023	279	259	280	92	176	43	34	15	1,178
2024	366	291	296	101	172	32	46	6	1,310
Latest per cent change	31.2%	12.4%	5.7%	9.8%	-2.3%	-25.6%	35.3%	-60.0%	11.2%
Average trend change per year	2.9%	5.7%	4.8%	-2.0%	3.7%	2.1%	7.9%	1.0%	3.6%

## 3. Annual deaths per 100,000 population

**Table 3.1** 12 months ended April

12 months end April	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2020	3.9	3.8	4.4	6.2	5.5	6.2	13.4	1.6	4.4
2021	3.4	3.0	5.9	5.3	6.2	5.5	12.5	2.2	4.4
2022	3.6	3.7	5.3	4.8	5.7	8.1	18.1	2.4	4.5
2023	3.4	3.9	5.2	5.0	6.2	7.5	13.6	3.3	4.5
2024	4.4	4.2	5.4	5.4	5.9	5.6	18.2	1.3	4.9
Latest per cent change	28.2%	9.2%	2.9%	8.0%	-5.5%	-25.8%	34.4%	-60.8%	8.4%
Average trend change per year	1.9%	4.6%	2.9%	-3.1%	1.6%	1.0%	7.2%	-0.7%	2.3%

**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%	20.8%	-9.4%	62.0%	-12.5%	-31.6%	-34.6%	-78.2%	5.1%

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

**Table 4.1** **By road user**

12 months end April	Driver	Passenger	Pedestrian	Motorcyclist <sup>a</sup>	Pedal cyclist <sup>a</sup>	Total <sup>b</sup>
2020	546	189	155	187	45	1,125
2021	546	182	123	226	36	1,117
2022	545	188	141	232	39	1,153
2023	547	195	157	234	38	1,178
2024	614	215	165	269	33	1,310
Latest per cent change	12%	10%	5%	15%	-13%	11.2%
Average trend change per year	2%	3%	4%	8%	-6%	3.6%

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

12 months end April	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	228	261	339	98	154	1,125
2021	23	42	216	292	337	84	122	1,117
2022	16	44	225	242	356	121	144	1,153
2023	17	47	224	257	365	118	149	1,178
2024	17	50	236	292	398	150	153	1,310
Latest per cent change	0%	6%	5%	14%	9%	27%	3%	11.2%
Average trend change per year	6%	14%	1%	1%	4%	13%	2%	3.6%

**Table 4.3** **By gender**

12 months end April	Male	Female	Total <sup>c</sup>
2020	852	269	1,125
2021	825	292	1,117
2022	866	285	1,153
2023	853	324	1,178
2024	1,007	301	1,310
Latest per cent change	18%	-7%	11.2%
Average trend change per year	4%	3%	3.6%

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 April	Crash type <sup>a</sup>		
	Single	Multiple	Total <sup>b</sup>
2020	608	427	1,035
2021	582	445	1,027
2022	651	419	1,070
2023	671	422	1,093
2024	760	439	1,199
Latest per cent change	13%	4%	9.7%
Average trend change per year	6%	0%	3.6%

**Table 5.2** By posted speed limit

12 months end April	Posted speed limit (km/h)						Total <sup>b</sup>
	≤ 40	50	60 to 70	80 to 90	100	≥ 110	
2020	22	137	227	177	325	141	1,035
2021	14	115	238	185	342	122	1,027
2022	20	133	259	159	343	144	1,070
2023	25	118	302	185	316	137	1,093
2024	32	147	273	202	351	139	1,199
Latest per cent change	28%	25%	-10%	9%	11%	1%	9.7%
Average trend change per year	14%	2%	6%	3%	1%	1%	3.6%

**Table 5.3** By day of week

12 months end April	Day of week <sup>c</sup>			Total <sup>b</sup>
	Weekday	Weekend		
2020	654	381		1,035
2021	587	440		1,027
2022	662	408		1,070
2023	674	419		1,093
2024	752	447		1,199
Latest per cent change	12%	7%		9.7%
Average trend change per year	4%	3%		3.6%

**Table 5.4** By time of day

12 months end April	Time of day <sup>d</sup>		Total <sup>b</sup>
	Day	Night	
2020	631	404	1,035
2021	626	401	1,027
2022	642	428	1,070
2023	663	430	1,093
2024	735	464	1,199
Latest per cent change	11%	8%	9.7%
Average trend change per year	4%	4%	3.6%

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](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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