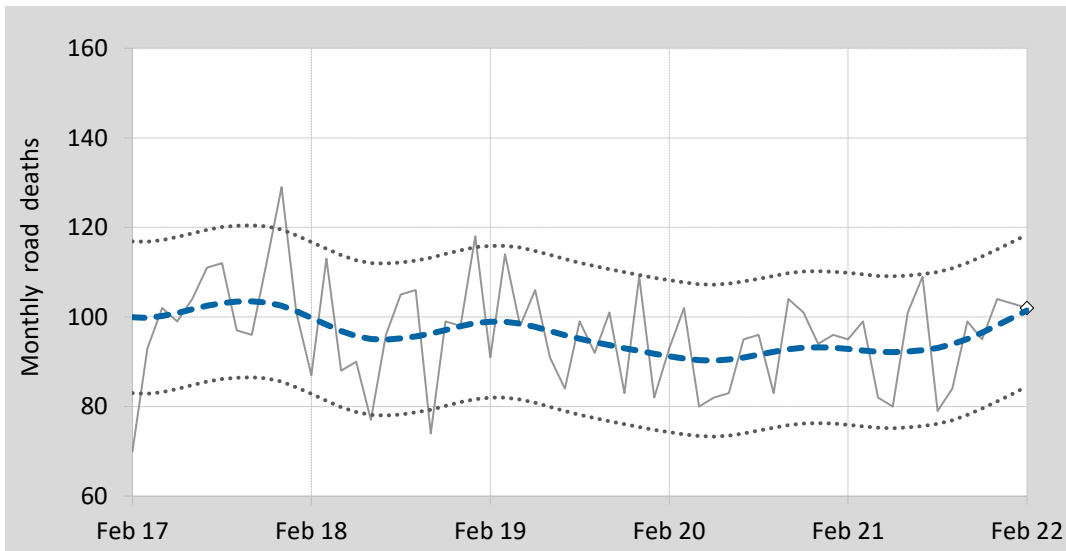




### This month's key figures

- There was a total of 102 road deaths during the month of February 2022. The current figure is 17.0 per cent higher than the average for February over the previous five years.
- During the 12 months ended February 2022, there were 1,137 road deaths. This is an increase of 2.3 per cent from the 12-month period ending February 2021.
- Presently, the rate of annual deaths per 100,000 population stands at 4.4. This is a 2.1 per cent increase compared to the rate for the 12-month period ending February 2021.

### 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.

#### Data Sources

Data are obtained from

- Transport for NSW
- Department of Transport, Victoria
- Department of Transport and Main Roads, Queensland
- Department of Planning, Transport and Infrastructure, SA
- Western Australia Police
- Department of State Growth, Tasmania
- Department of Infrastructure, Planning and Logistics, NT
- Territory and Municipal Services Directorate, ACT
- Australian Bureau of Statistics (3101.0)

#### Inquiries

For further information about data in this bulletin, contact:

Bureau of Infrastructure and Transport Research Economics (BITRE)  
 Web : [www.bitre.gov.au](http://www.bitre.gov.au)  
 Email : [roadsafety@infrastructure.gov.au](mailto:roadsafety@infrastructure.gov.au)

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

© Copyright. Commonwealth of Australia

## I. Deaths by jurisdiction

**Table I.1** Current month

Current month	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
February 2021	26	21	28	9	8	1	0	2	95
February 2022	24	24	34	8	7	3	1	1	102
Per cent change	-7.7	14.3	21.4	-11.1	-12.5	200.0	-	-50.0	7.4

**Table I.2** Year to date

Year to date	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
January 2021 - February 2021	49	35	48	17	33	3	3	3	191
January 2022 - February 2022	59	50	54	12	17	6	4	3	205
Per cent change	20.4	42.9	12.5	-29.4	-48.5	100.0	33.3	0.0	7.3

**Table I.3** Year ending February

12 months ended February	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2018	410	259	241	99	160	37	31	6	1,243
2019	344	233	235	89	169	28	50	7	1,155
2020	340	252	219	113	151	37	35	5	1,152
2021	280	205	301	94	164	28	29	10	1,111
2022	281	247	280	94	150	38	36	11	1,137
Latest per cent change	0.4	20.5	-7.0	0.0	-8.5	35.7	24.1	10.0	2.3
Average trend change per year (per cent)	-9.2	-2.2	5.6	-0.5	-1.6	0.5	-2.4	17.0	-2.1

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

**Table 2.1** By road user

12 months ended February	Driver	Passenger	Pedestrian	Motorcyclist <sup>b</sup>	Pedal <sup>a</sup> cyclist	Total <sup>b</sup>
2018	572	232	175	214	41	1,243
2019	528	205	174	202	39	1,155
2020	550	206	162	191	41	1,152
2021	545	177	128	215	40	1,111
2022	548	186	126	233	36	1,137
Latest per cent change	0.6	5.1	-1.6	8.4	-10.0	2.3
Average trend change per year (per cent)	-0.5	-5.7	-9.2	2.4	-2.3	-2.1

**Table 2.2** By age-group (years)

12 months ended February	0 to 16	17 to 25	26 to 39	40 to 64	65 to 74	≥ 75	Total <sup>b</sup>
2018	45	243	247	407	125	175	1,243
2019	56	222	266	353	113	142	1,155
2020	45	227	264	359	99	158	1,152
2021	61	214	291	336	83	121	1,111
2022	61	223	219	367	114	146	1,137
Latest per cent change	0.0	4.2	-24.7	9.2	37.3	20.7	2.3
Average trend change per year (per cent)	7.2	-2.1	-1.5	-2.5	-4.8	-5.1	-2.1

## 2. Deaths by road user, age-group and gender (continued)

**Table 2.3** By gender

12 months ended February	Males	Females	Total <sup>c</sup>
2018	915	328	1,243
2019	868	286	1,155
2020	878	274	1,152
2021	808	298	1,111
2022	858	277	1,137
<i>Latest per cent change</i>	6.2	-7.0	2.3
<i>Average trend change per year (per cent)</i>	-2.0	-2.9	-2.1

a Includes pillion passengers.

b Includes deaths to persons with either age or road user type not recorded.

c Includes deaths of persons where gender is not recorded or unspecified.

## 3. Annual deaths per 100,000 population

**Table 3.1** Year ended February

12 months ended February	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2018	5.20	4.08	4.88	5.74	6.21	7.07	12.49	1.45	5.04
2019	4.30	3.59	4.68	5.12	6.51	5.29	20.21	1.66	4.61
2020	4.20	3.81	4.29	6.44	5.75	6.91	14.20	1.17	4.53
2021	3.43	3.06	5.81	5.31	6.15	5.18	11.77	2.32	4.32
2022	3.43	3.71	5.35	5.30	5.59	7.02	14.62	2.54	4.41
<i>Latest per cent change</i>	0.0	21.3	-7.8	-0.2	-9.2	35.6	24.3	9.8	2.1
<i>Average trend change per year (per cent)</i>	-10.1	-3.4	4.1	-1.2	-2.6	-0.4	-2.2	15.6	-3.3

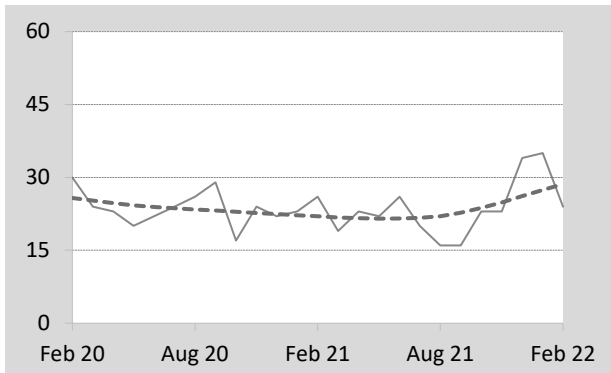
**Table 3.2** Calendar year period

Calendar year	NSW	Vic	Qld	SA	WA	Tas	NT	ACT	Australia
2017	4.94	4.10	5.01	5.80	6.18	6.13	12.52	1.21	4.97
2018	4.35	3.30	4.89	4.61	6.09	6.06	20.24	2.14	4.54
2019	4.36	4.03	4.30	6.50	6.21	5.42	14.63	1.41	4.68
2020	3.48	3.15	5.37	5.25	5.78	6.85	12.59	1.62	4.26
2021	3.31	3.49	5.25	5.58	6.19	6.46	14.21	2.54	4.36
<i>Latest per cent change</i>	-4.8	10.7	-2.3	6.3	7.1	-5.6	12.9	56.8	2.4

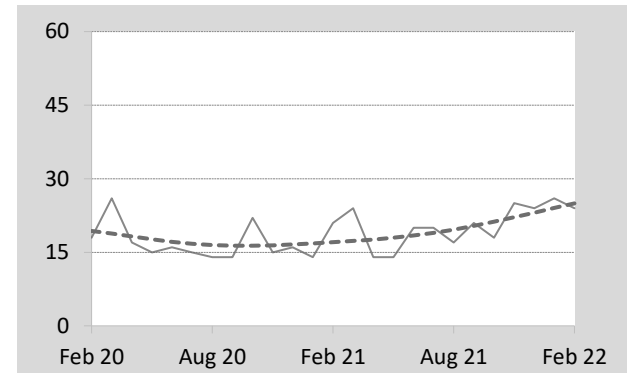
#### 4. Monthly deaths by jurisdiction — last 24 months

— raw  
 - - - smoothed  
*(Whittaker-Henderson)*

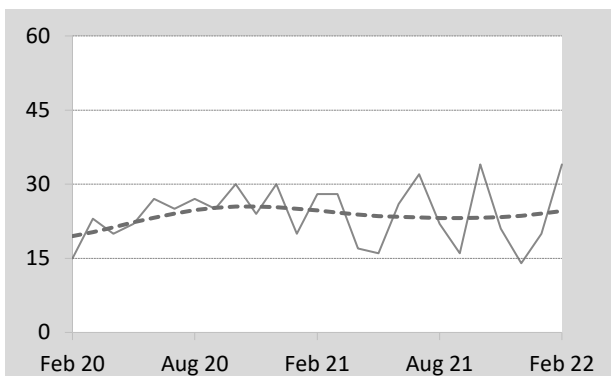
**Figure 4.1 NSW**



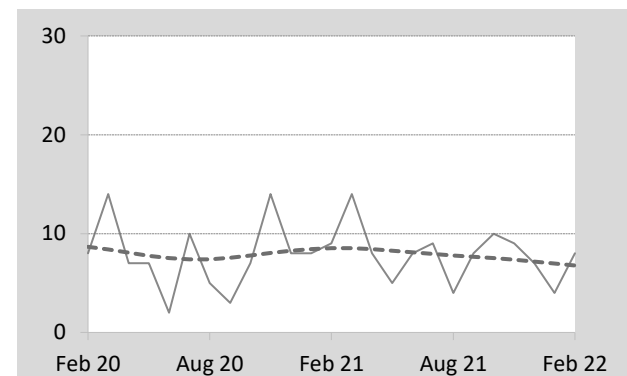
**Figure 4.2 Vic**



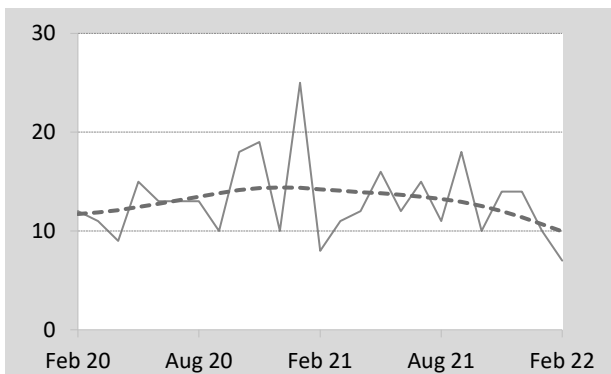
**Figure 4.3 Qld**



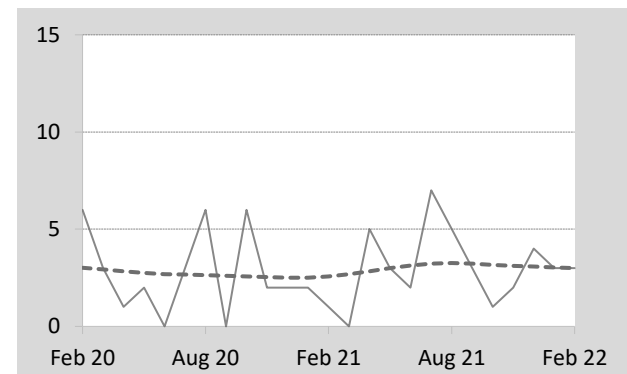
**Figure 4.4 SA**



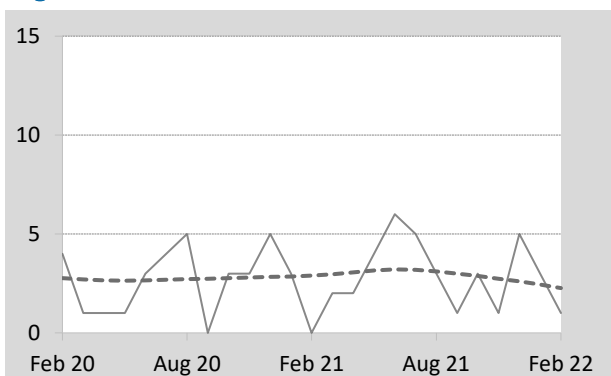
**Figure 4.5 WA**



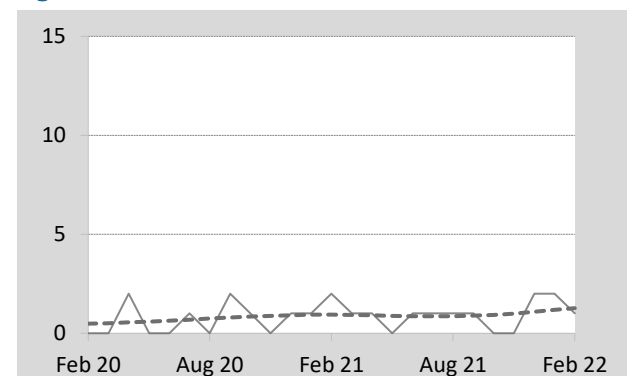
**Figure 4.6 Tas**



**Figure 4.7 NT**



**Figure 4.8 ACT**



## 5. Fatal crashes: counts and characteristics

**Table 5.1** By Crash type and Posted speed limit

12 months ended February	Crash type <sup>a</sup>		Posted speed limit (km/h)						Total <sup>b</sup>
	Single	Multiple	≤ 40	50	60	70 to 90	100	≥ 110	
2018	643	501	35	161	213	247	343	138	1,144
2019	663	412	17	131	189	231	339	159	1,075
2020	627	432	22	132	180	223	338	157	1,059
2021	582	438	15	121	174	252	333	117	1,020
2022	627	434	20	120	178	217	331	138	1,061
Latest per cent change	7.7	-0.9	33.3	-0.8	2.3	-13.9	-0.6	17.9	4.0
Average trend change per year (per cent)	-1.8	-2.2	-11.7	-6.5	-4.3	-1.7	-0.9	-3.0	-2.0

**Table 5.2** By Day of week and Time of day

12 months ended February	Day of week <sup>c</sup>		Time of day <sup>d</sup>	
	Weekday	Weekend	Day	Night
2018	719	425	731	413
2019	652	423	657	418
2020	668	391	649	410
2021	592	428	616	404
2022	652	409	660	401
Latest per cent change	10.1	-4.4	7.1	-0.7
Average trend change per year (per cent)	-2.9	-0.6	-2.7	-0.9

a 'Single' and 'Multiple' refer to the number of vehicles involved in a fatal crash.

b Includes crashes where speed limit is 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.

### Population rates

Rates per population are based on the deaths to the current 12-month period, and the population at the midpoint of the period. The population at midpoints is interpolated if necessary.

### New ongoing fields in February 2018 database

The *Australian Road Deaths Database* now includes geographic location information for fatal crashes. Back series of data for all jurisdictions is in development.

### 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.