



**Australian Government**

**Department of Infrastructure, Transport,  
Regional Development, Communications and the Arts**

STATISTICAL REPORT



bitre

Safety

**International road safety comparisons  
2022**

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Bureau of Infrastructure and Transport Research Economics

# **International road safety comparisons 2022**

Department of Infrastructure, Transport, Regional Development, Communications and the Arts  
Canberra, Australia

# At a glance

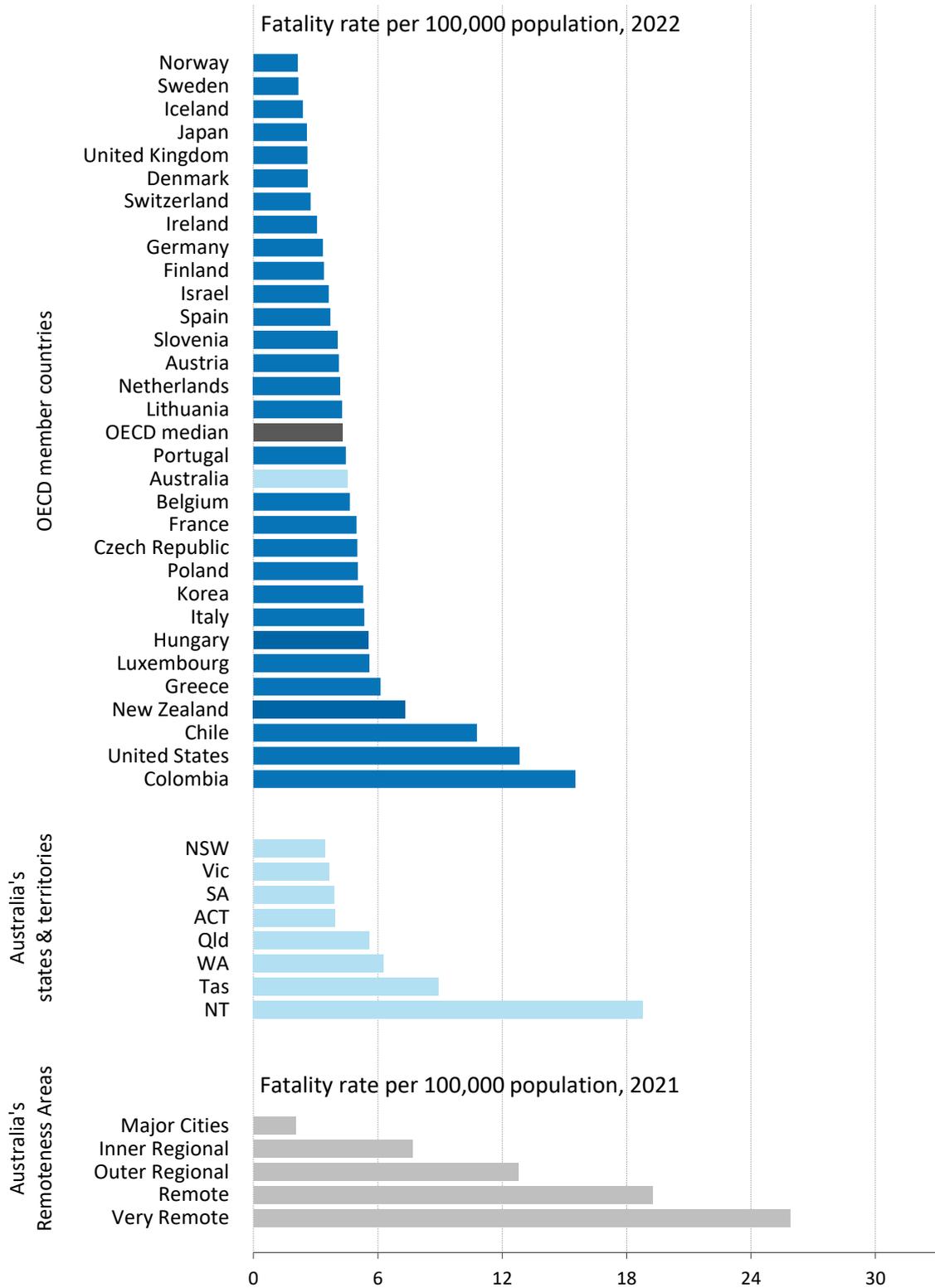
This report presents road deaths and road death rates for Organisation for Economic Co-operation and Development (OECD) nations and Australian states and territories. The rates allow for a comparison of Australia's road safety performance with that of other OECD nations by accounting for the differing levels of population, motorisation and distances travelled. The latest available international data is for 2022.

- In terms of the fatality rate per 100,000 population in 2022:  
Australia's rate of 4.54 was ranked 18<sup>th</sup> out of the 31 nations. The nations with the 3 lowest rates were Norway (2.14), Sweden (2.17) and Iceland (2.39) (Table 1.3).  
Between 2013 and 2022 Australia's fatality rate declined by 11.4 per cent. Over the same period, the OECD median rate declined by 20.8 per cent (Figure 1.2).
- In terms of the fatality rate per 10,000 registered vehicles in 2022:  
Australia's rate of 0.57 was ranked 13<sup>th</sup> out of the 24 nations with available data. The nations with the 3 lowest rates were Iceland (0.25), Norway (0.27), and Sweden (0.35) (Table 1.3).  
Between 2013 and 2022 Australia's fatality rate declined by 17.2 per cent. Over the same period, the OECD median rate declined by 25.6 per cent (Figure 1.4).
- In terms of the fatality rate per 100 million vehicle kilometres travelled (VKT) in 2022:  
Australia's rate of 0.49 was ranked 6<sup>th</sup> out of 11 nations with available data. The nations with the 3 lowest rates were, Norway (0.26), Sweden (0.28) and Finland (0.40) (Table 1.5).  
Between 2013 and 2022 Australia's fatality rate declined by 0.6 per cent. Over the same period, the OECD median rate declined by 8.1 per cent (Figure 1.6).

The 3 rates—population, vehicles-registered and VKT are affected by population demographics and motorisation levels within each country. They are however still highly correlated. Earlier editions of this report have included analyses of these topics.

In the past this publication has been released with an 18 month lag from the reference period. The latest edition, released in August 2022, referenced 2020 data. IRTAD data is largely up to date to 2022, and consequently this edition references 2022. There will be no 2021 publication.

**Figure I.1 Fatality rate per 100,000 population – 31 OECD countries, Australian states and territories, 2022 and Australian Remoteness Areas †**



† Rates for Remoteness Area are for calendar 2021.

# Data sources

## International data

The International Road Traffic Accident Database (IRTAD 2023) is the main source of fatality and exposure data in this report. IRTAD is maintained by the Joint Transport Research Centre of the OECD and the International Transport Forum. Each year member nations supply IRTAD with their most recent data, which may include revisions to historical data. Further information on IRTAD is available at <https://www.itf-oecd.org/IRTAD>. In cases of particular countries where required data was not held by IRTAD, data was retrieved from the country's relevant government agency.

## Australian data

Australian road fatality data in this report are based on two Bureau of Infrastructure and Transport Research Economics (BITRE) databases: the Australian Road Deaths Database (ARDD) and the National Crash Database (NCD). In this report, the ARDD was used for 1990-2010 and 2022 data and the NCD was used for 2011-2021 data. There are minor data differences between the two databases due to the timing differences in data receipt and ongoing validation by data providers. ARDD data used in this report was current to September 2023.

ARDD data are available at [https://www.bitre.gov.au/statistics/safety/fatal\\_road\\_crash\\_database](https://www.bitre.gov.au/statistics/safety/fatal_road_crash_database).

# Acknowledgements

The Department of Infrastructure, Transport, Regional Development, Communications and the Arts acknowledges the provision of road crash data from the following agencies:

- Transport for New South Wales
- Department of Transport and Planning, Victoria
- Department of Transport and Main Roads, Queensland
- Department of Planning, Transport and Infrastructure, South Australia
- Main Roads Western Australia
- Western Australian Police
- Department of State Growth, Tasmania
- Department of Infrastructure, Planning and Logistics, Northern Territory
- Transport Canberra and City Services Directorate, Australian Capital Territory.

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## Fatality rate per 100,000 population – OECD countries, 2022

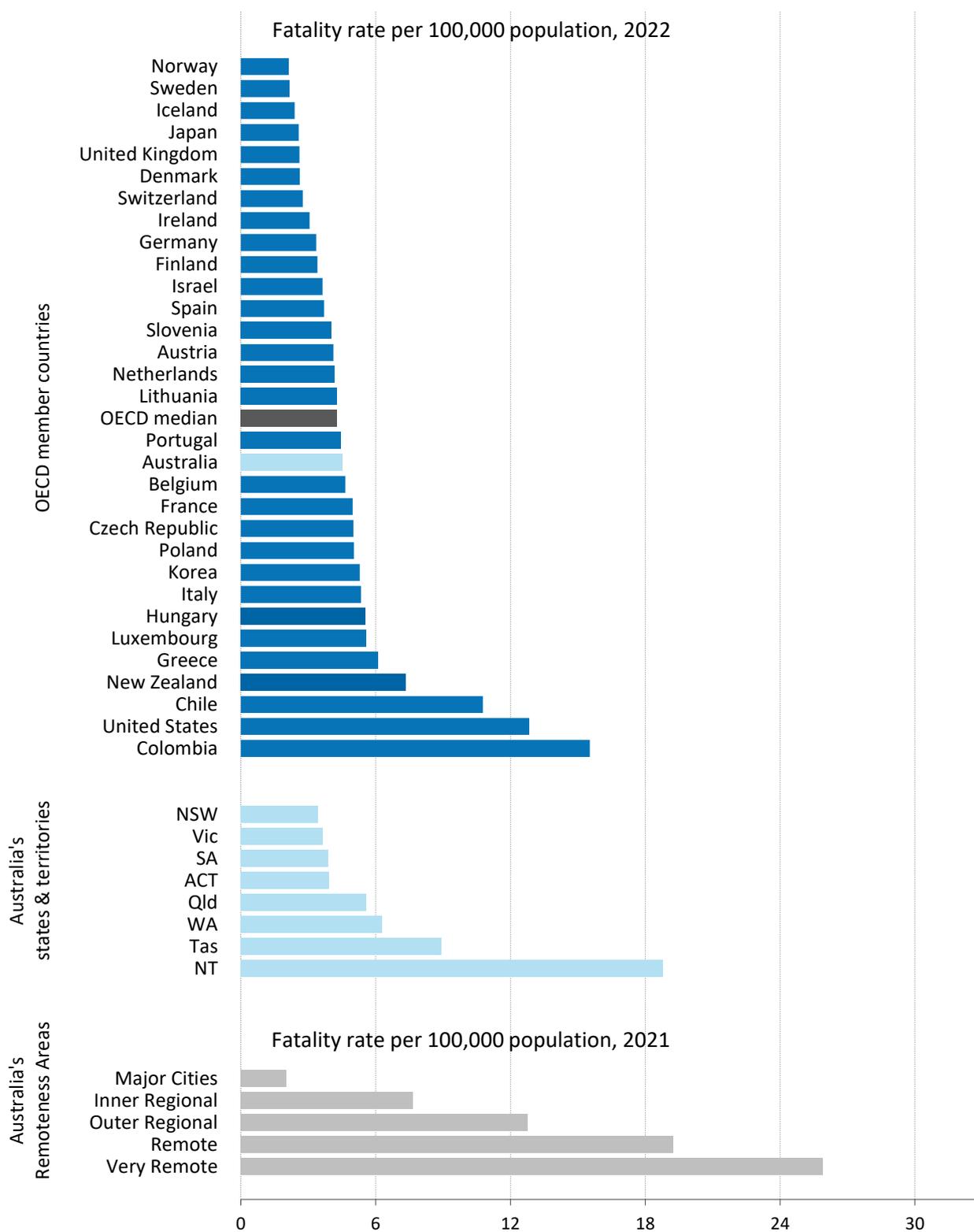
**Table I.1** Fatality rate per 100,000 population – 31 OECD countries and Australian states/territories, 2022

<i>Nation</i>	<i>Road deaths</i>	<i>Population (000s)</i>	<i>Fatality rate per 100,000 population</i>
Norway	116	5,425	2.14
Sweden	227	10,442	2.17
Iceland	9	376	2.39
Japan	3,216	124,947	2.57
United Kingdom	1,749	66,971	2.61
Denmark	154	5,873	2.62
Switzerland	241	8,739	2.76
Ireland	155	5,060	3.06
Germany	2,788	83,237	3.35
Finland	189	5,548	3.41
Israel	351	9,662	3.63
Spain	1,759	47,433	3.71
Slovenia	85	2,107	4.03
Austria	370	8,979	4.12
Netherlands	737	17,591	4.19
Lithuania	120	2,806	4.28
<b>OECD median</b>			<b>4.28</b>
Portugal	462	10,352	4.46
<b>Australia</b>	<b>1,180</b>	<b>26,006</b>	<b>4.54</b>
Belgium	540	11,618	4.65
France	3,267	65,647	4.98
Czech Republic	527	10,517	5.01
Poland	1,896	37,654	5.04
Korea	2,735	51,628	5.30
Italy	3,159	59,030	5.35
Hungary	536	9,689	5.53
Luxembourg	36	645	5.58
Greece	641	10,460	6.13
New Zealand	375	5,118	7.33
Chile	2,137	19,829	10.78
United States	42,795	333,288	12.84
Colombia	8,030	51,683	15.54
<b>NSW</b>	<b>281</b>	<b>8,166</b>	<b>3.44</b>
<b>Vic</b>	<b>240</b>	<b>6,626</b>	<b>3.63</b>
<b>SA</b>	<b>71</b>	<b>1,821</b>	<b>3.90</b>
<b>ACT</b>	<b>18</b>	<b>457</b>	<b>3.94</b>
<b>Qld</b>	<b>297</b>	<b>5,320</b>	<b>5.58</b>
<b>WA</b>	<b>175</b>	<b>2,789</b>	<b>6.27</b>
<b>Tas</b>	<b>51</b>	<b>571</b>	<b>8.93</b>
<b>NT</b>	<b>47</b>	<b>250</b>	<b>18.78</b>

Sources

ABS 2022, IRTAD 2023, ARDD

**Figure I.1 Fatality rate per 100,000 population – 31 OECD countries, Australian states and territories, 2022 and Australian Remoteness Areas †**



† Rates for Remoteness Area are for calendar 2021.

## OECD countries, 1990, 2000, 2010 and 2013 to 2022

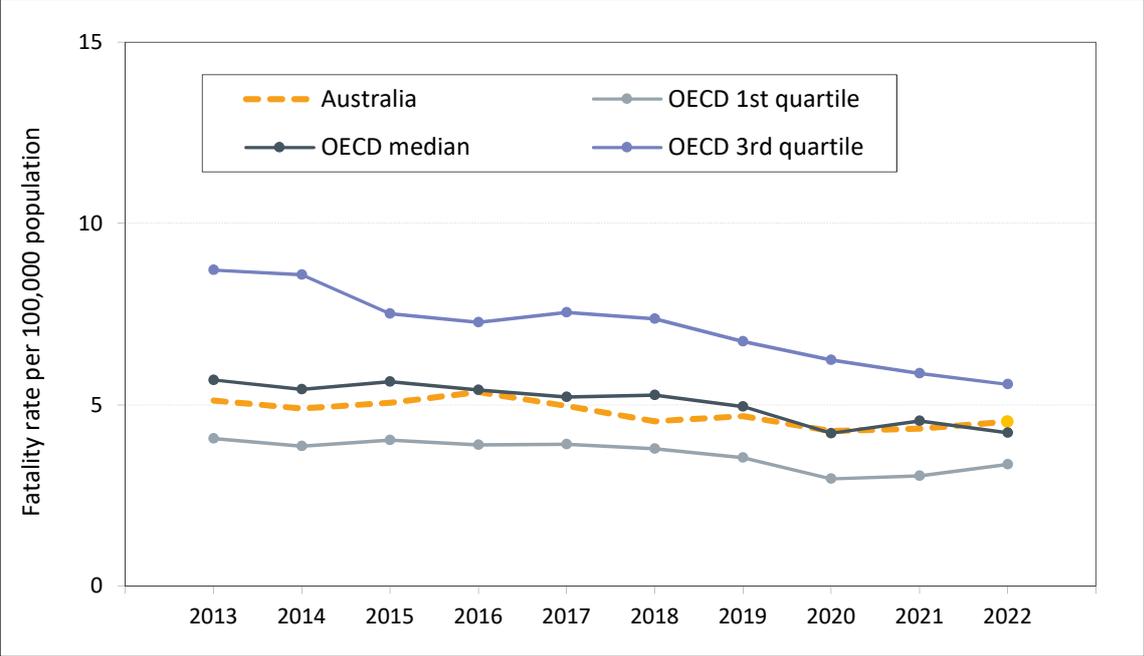
**Table I.2 Fatality rate per 100,000 population – OECD countries and Australian states/territories, 1990, 2000, 2010 and 2013 to 2022**

<i>Nation</i>	1990	2000	2010	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Norway	7.8	7.6	4.3	3.7	2.9	2.3	2.6	2.0	2.0	2.0	1.7	1.5	2.14
Sweden	9.1	6.7	2.8	2.7	2.8	2.7	2.7	2.5	3.2	2.2	2.0	2.0	2.17
Iceland	9.5	11.5	2.5	4.7	1.2	4.9	5.4	4.7	5.2	1.7	2.2	2.4	2.39
Japan	9.4	6.1	3.0	4.1	3.8	3.8	3.7	3.5	3.3	3.1	2.7	2.6	2.57
United Kingdom	13.9	8.3	4.2	2.8	2.9	2.8	2.8	2.8	2.8	2.7	2.3	2.4	2.61
Denmark	11.8	8.2	4.6	3.4	3.2	3.1	3.7	3.0	3.0	3.4	2.8	2.2	2.62
Switzerland	12.3	9.3	4.6	3.3	3.0	3.1	2.6	2.7	2.7	2.2	2.6	2.3	2.76
Ireland	23.3	14.4	5.3	4.1	4.1	3.5	3.9	3.2	2.8	2.9	3.0	2.7	3.06
Germany	13.6	11.0	4.7	4.1	4.2	4.3	3.9	3.9	4.0	3.7	3.3	3.1	3.35
Finland	10.0	9.1	4.5	4.8	4.2	4.9	4.7	4.3	4.3	3.8	4.0	4.1	3.41
Israel	8.7	7.9	4.9	3.8	3.9	4.2	4.4	4.2	3.6	3.9	3.3	3.9	3.63
Spain	9.2	6.8	3.2	3.6	3.6	3.6	3.9	3.9	3.9	3.7	2.9	3.2	3.71
Slovenia	25.9	15.8	6.7	6.1	5.2	5.8	6.3	5.0	4.4	4.9	3.8	5.4	4.03
Austria	20.4	12.2	6.6	5.4	5.1	5.6	5.0	4.7	4.6	4.7	3.9	4.1	4.12
Netherlands	19.8	13.7	6.4	2.8	2.8	3.1	3.1	3.1	3.5	3.4	3.0	2.9	4.19
Lithuania	29.3	20.0	8.9	8.7	9.1	8.2	6.5	6.7	6.2	6.7	6.3	5.3	4.28
Portugal	12.6	12.4	7.0	6.1	6.1	5.7	5.4	5.8	6.6	6.6	5.2	5.4	4.46
<b>Australia</b>	<b>13.0</b>	<b>7.7</b>	<b>5.1</b>	<b>5.1</b>	<b>4.9</b>	<b>5.1</b>	<b>5.4</b>	<b>5.0</b>	<b>4.5</b>	<b>4.7</b>	<b>4.3</b>	<b>4.3</b>	<b>4.54</b>
Belgium	18.7	17.5	6.4	6.9	6.7	6.8	5.9	5.4	5.3	5.6	4.3	4.5	4.65
France	13.7	9.5	6.1	5.1	5.3	5.4	5.4	5.3	5.0	5.0	3.9	4.5	4.98
Canada	19.3	16.4	10.2	5.5	5.2	5.3	5.2	5.1	5.2	4.7	4.6	4.6	-
Czech Republic	19.9	14.4	7.8	6.2	6.5	7.0	5.8	5.5	6.2	5.8	4.8	5.0	5.01
Poland	27.8	14.6	5.9	8.8	8.4	7.7	8.0	7.5	7.5	7.6	6.6	5.9	5.04
Korea	-	12.0	6.5	10.1	9.4	9.1	8.4	8.1	7.3	6.5	6.0	5.6	5.30
Italy	14.3	9.5	6.6	5.7	5.6	5.6	5.4	5.6	5.5	5.3	4.0	4.9	5.35
Hungary	23.4	11.7	7.4	6.0	6.3	6.5	6.2	6.4	6.5	6.2	4.7	5.6	5.53
Luxembourg	12.5	14.5	7.7	8.4	6.4	6.4	5.6	4.2	6.0	3.6	4.2	3.8	5.58
Greece	20.3	18.7	11.2	8.0	7.3	7.3	7.6	6.8	6.5	6.4	5.4	5.8	6.13
New Zealand	11.5	8.6	5.5	5.7	6.5	6.9	6.9	7.8	7.7	7.0	6.2	6.2	7.33
Chile	33.1	21.8	11.1	11.9	11.9	11.9	12.0	10.5	10.4	10.3	9.2	10.4	10.78
United States	21.4	12.0	8.6	10.4	10.3	11.1	11.7	11.5	11.3	11.1	11.8	12.9	12.84
Costa Rica	32.9	24.8	10.4	13.3	13.9	-	-	17.4	16.2	15.6	11.2	13.7	-
Colombia	29.2	18.3	9.7	12.7	13.3	13.8	14.8	13.7	13.7	13.3	10.8	14.2	15.54
<b>NSW</b>	<b>15.5</b>	<b>9.1</b>	<b>6.3</b>	<b>4.5</b>	<b>4.1</b>	<b>4.6</b>	<b>4.9</b>	<b>5.0</b>	<b>4.4</b>	<b>4.4</b>	<b>3.5</b>	<b>3.4</b>	<b>3.44</b>
<b>Vic</b>	<b>15.2</b>	<b>8.5</b>	<b>5.3</b>	<b>4.2</b>	<b>4.2</b>	<b>4.2</b>	<b>4.7</b>	<b>4.1</b>	<b>3.3</b>	<b>4.1</b>	<b>3.2</b>	<b>3.3</b>	<b>3.62</b>
<b>SA</b>	<b>14.7</b>	<b>10.0</b>	<b>7.3</b>	<b>5.8</b>	<b>6.4</b>	<b>6.0</b>	<b>5.0</b>	<b>5.8</b>	<b>4.6</b>	<b>6.5</b>	<b>5.2</b>	<b>5.5</b>	<b>3.90</b>
<b>ACT</b>	<b>7.5</b>	<b>4.4</b>	<b>5.6</b>	<b>1.8</b>	<b>2.6</b>	<b>3.8</b>	<b>2.7</b>	<b>1.2</b>	<b>2.1</b>	<b>1.4</b>	<b>1.6</b>	<b>2.4</b>	<b>3.94</b>
<b>Qld</b>	<b>15.0</b>	<b>9.5</b>	<b>6.2</b>	<b>5.8</b>	<b>4.7</b>	<b>5.1</b>	<b>5.2</b>	<b>5.0</b>	<b>4.9</b>	<b>4.3</b>	<b>5.4</b>	<b>5.3</b>	<b>5.58</b>
<b>WA</b>	<b>14.9</b>	<b>11.4</b>	<b>8.1</b>	<b>6.5</b>	<b>7.2</b>	<b>6.3</b>	<b>7.7</b>	<b>6.2</b>	<b>6.1</b>	<b>6.2</b>	<b>5.7</b>	<b>6.0</b>	<b>6.27</b>
<b>Tas</b>	<b>14.4</b>	<b>9.9</b>	<b>8.5</b>	<b>6.8</b>	<b>6.4</b>	<b>6.4</b>	<b>7.0</b>	<b>6.1</b>	<b>6.0</b>	<b>5.3</b>	<b>6.8</b>	<b>6.2</b>	<b>8.93</b>
<b>NT</b>	<b>40.1</b>	<b>26.3</b>	<b>15.4</b>	<b>15.3</b>	<b>16.1</b>	<b>20.0</b>	<b>18.3</b>	<b>12.5</b>	<b>20.2</b>	<b>14.2</b>	<b>12.5</b>	<b>14.1</b>	<b>18.78</b>

Sources

ABS 2023, IRTAD 2023, ARDD, NCD

**Figure I.2** Fatality rate per 100,000 population – OECD quartiles and Australia, 2013 to 2022



## **SECTION 2**

# **Rates per Registered Vehicle**

## Fatality rate per 10,000 registered vehicles – OECD countries, 2022

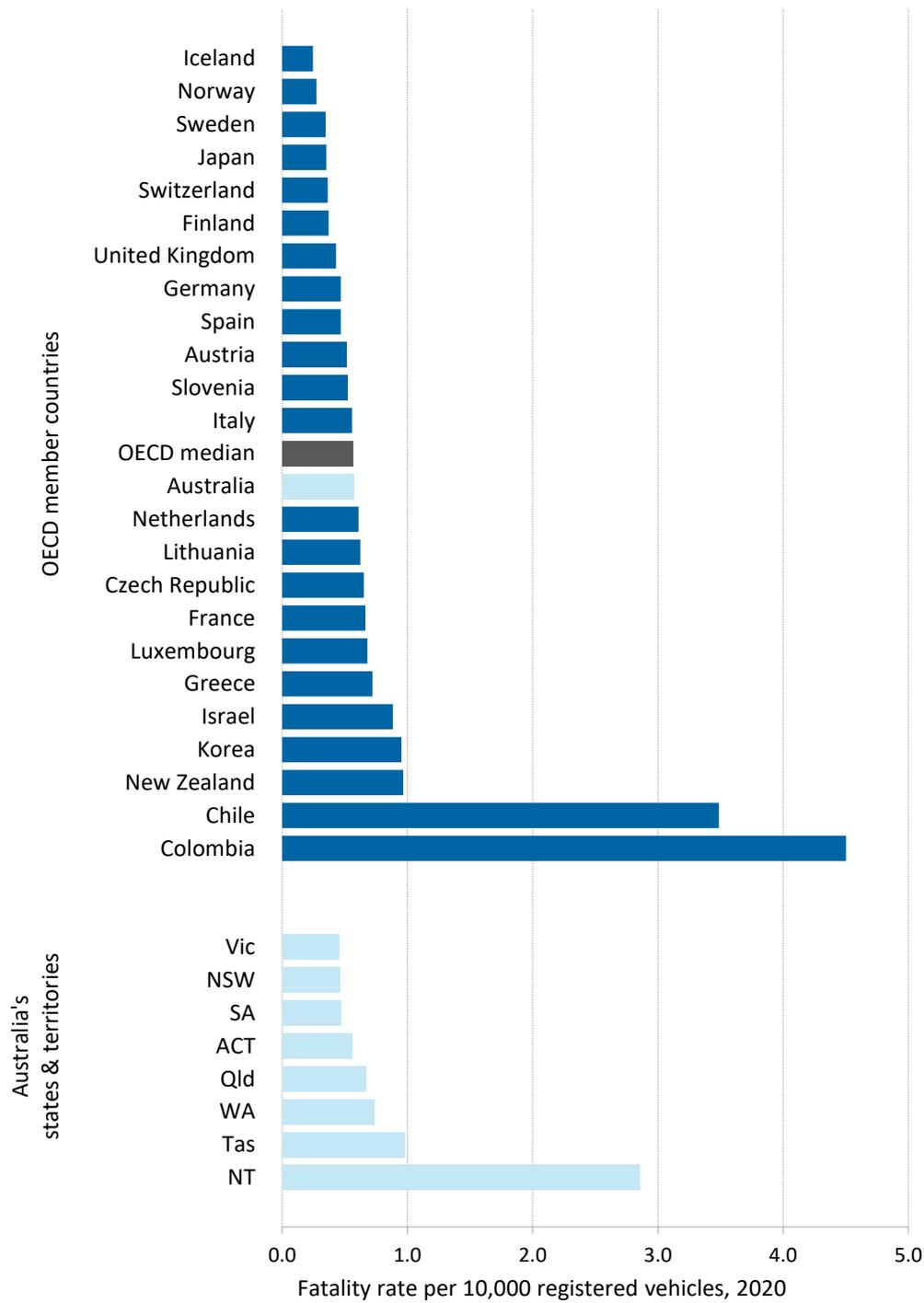
**Table I.3 Fatality rate per 10,000 registered vehicles – 24 OECD countries and Australian states/territories, 2022**

<i>Nation</i>	<i>Road deaths</i>	<i>Total registered motor vehicles (000s)</i>	<i>Fatality rate per 10,000 registered vehicles</i>
Iceland	9	366	0.25
Norway	116	4,243	0.27
Sweden	227	6,551	0.35
Japan	3,216	91,356	0.35
Switzerland	241	6,626	0.36
Finland	189	5,084	0.37
United Kingdom	1,749	40,698	0.43
Germany	2,788	59,635	0.47
Spain	1,759	37,514	0.47
Austria	370	7,215	0.51
Slovenia	85	1,632	0.52
Italy	3,159	56,720	0.56
<b>OECD median</b>			<b>0.57</b>
Australia	1,180	20,687	0.57
Netherlands	737	12,073	0.61
Lithuania	120	1,920	0.63
Czech Republic	527	8,090	0.65
France	3,267	49,097	0.67
Luxembourg	36	528	0.68
Greece	641	8,883	0.72
Israel	351	3,974	0.88
Korea	2,735	28,730	0.95
New Zealand	375	3,880	0.97
Chile	2,137	6,127	3.49
Colombia	8,030	17,840	4.50
Vic	240	5,275	0.46
NSW	281	6,048	0.46
SA	71	1,521	0.47
ACT	18	324	0.56
Qld	297	4,464	0.67
WA	175	2,370	0.74
Tas	51	520	0.98
NT	47	165	2.86

Sources

BITRE 2023, IRTAD 2023 and ARDD

**Figure I.3 Fatality rate per 10,000 registered vehicles – 24 OECD countries and Australian states/territories, 2022**



## OECD countries, 1990, 2000, 2010 and 2013 to 2022

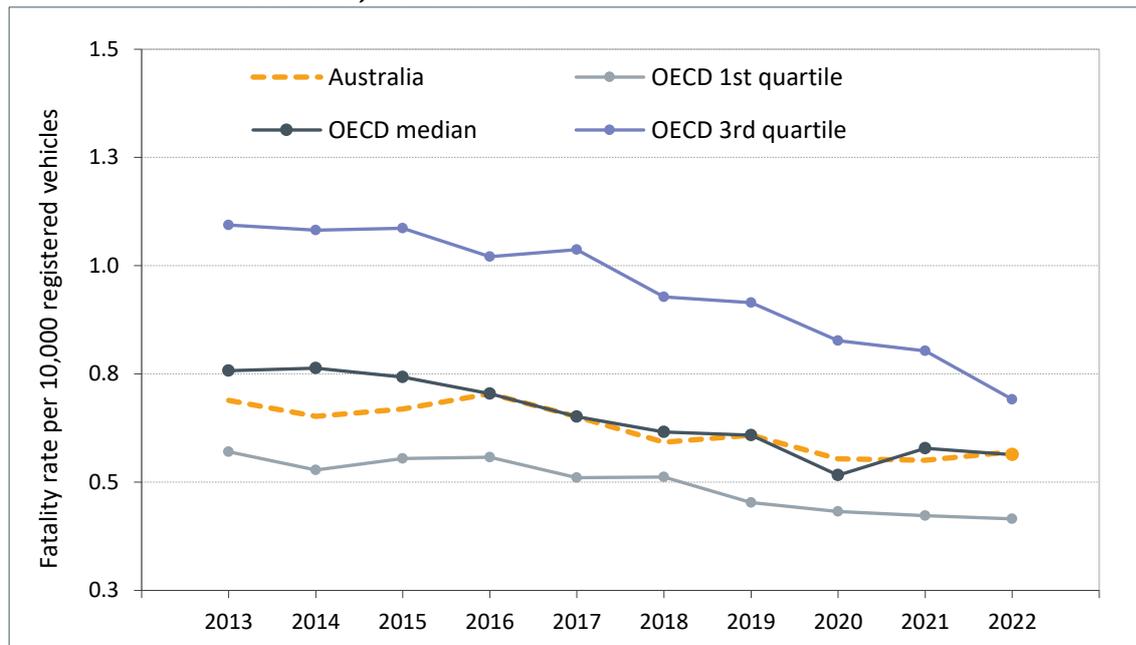
**Table I.4 Fatality rate per 10,000 registered vehicles – OECD countries and Australian states/territories, 1990, 2000, 2010 and 2013 to 2022**

<i>Nation</i>	1990	2000	2010	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Iceland	1.4	1.2	0.6	0.6	0.1	0.6	0.6	0.5	0.5	0.2	0.2	0.3	0.25
Norway	-	1.8	0.3	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.27
Sweden	1.7	1.2	0.5	0.4	0.5	0.4	0.4	0.4	0.5	0.3	0.3	0.3	0.35
Japan	2.2	1.2	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.35
Switzerland	5.1	2.2	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.36
Finland	1.9	1.2	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.37
United Kingdom	2.1	1.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.43
Germany	2.1	1.6	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.47
Spain	2.8	1.5	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.47
Austria	-	1.4	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.51
Slovenia	3.7	1.8	0.9	0.9	0.8	0.9	0.9	0.7	0.6	0.7	0.5	0.7	0.52
Italy	3.3	2.4	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.4	0.5	0.56
<b>Australia</b>	<b>4.5</b>	<b>2.5</b>	<b>0.9</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.57</b>
Netherlands	-	-	1.0	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.61
Lithuania	-	-	0.5	1.1	1.8	1.5	1.2	1.2	1.1	1.1	1.0	0.8	0.63
Czech Republic	2.9	2.0	-	1.0	1.1	1.1	0.9	0.8	0.9	0.8	0.7	0.7	0.65
France	3.6	2.3	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.6	0.67
Luxembourg	2.3	1.5	0.8	1.0	0.8	0.8	0.7	0.5	0.7	0.4	0.5	0.5	0.68
Ireland	-	3.1	1.3	0.8	0.8	0.6	0.7	0.6	0.5	0.5	0.5	-	-
Canada	-	-	-	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	-
Greece	3.3	3.2	1.3	1.1	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.72
Israel	2.3	1.6	1.0	1.1	1.1	1.2	1.2	1.1	0.9	1.0	0.8	0.9	0.88
Poland	3.3	1.8	1.2	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.7	-
Korea	4.1	2.8	1.5	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.1	1.0	0.95
New Zealand	12.7	5.0	1.4	0.8	0.9	0.9	0.9	1.0	1.0	0.9	0.8	0.8	0.97
United States	-	-	-	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.4	-
Costa Rica	-	10.6	6.3	3.6	3.6	-	-	3.8	3.4	3.2	2.2	2.7	-
Chile	2.4	1.9	1.3	5.0	4.7	4.6	4.5	3.8	3.6	3.5	3.3	3.4	3.49
Colombia	16.8	6.6	2.7	5.6	5.5	5.3	5.4	4.8	4.6	4.3	3.4	4.3	4.50
<b>Vic</b>	<b>1.6</b>	<b>0.9</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>	<b>0.4</b>	<b>0.5</b>	<b>0.4</b>	<b>0.4</b>	<b>0.46</b>
<b>NSW</b>	<b>2.1</b>	<b>1.2</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>	<b>0.5</b>	<b>0.46</b>
<b>SA</b>	<b>2.5</b>	<b>1.6</b>	<b>0.9</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.6</b>	<b>0.7</b>	<b>0.47</b>
<b>ACT</b>	<b>2.6</b>	<b>1.6</b>	<b>1.0</b>	<b>0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.4</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.56</b>
<b>Qld</b>	<b>2.3</b>	<b>1.4</b>	<b>0.7</b>	<b>0.8</b>	<b>0.6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>	<b>0.7</b>	<b>0.6</b>	<b>0.67</b>
<b>WA</b>	<b>1.9</b>	<b>1.6</b>	<b>1.0</b>	<b>0.8</b>	<b>0.8</b>	<b>0.7</b>	<b>0.9</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.74</b>
<b>Tas</b>	<b>2.4</b>	<b>1.3</b>	<b>0.8</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.7</b>	<b>0.98</b>
<b>NT</b>	<b>8.6</b>	<b>5.0</b>	<b>3.7</b>	<b>2.5</b>	<b>2.6</b>	<b>3.2</b>	<b>2.9</b>	<b>2.0</b>	<b>3.1</b>	<b>2.2</b>	<b>1.9</b>	<b>2.1</b>	<b>2.86</b>

Note ABS vehicle registration data was not available for the year 2000. The average of 1999 and 2001 is used as an estimate for that year.

Sources Bitre 2023, IRTAD 2023, ARDD, NCD

**Figure I.4 Fatality rate per 10,000 registered vehicles – OECD quartiles and Australia, 2013 to 2022**



## **SECTION 3**

# **Rates per Vehicle-kilometre-travelled**

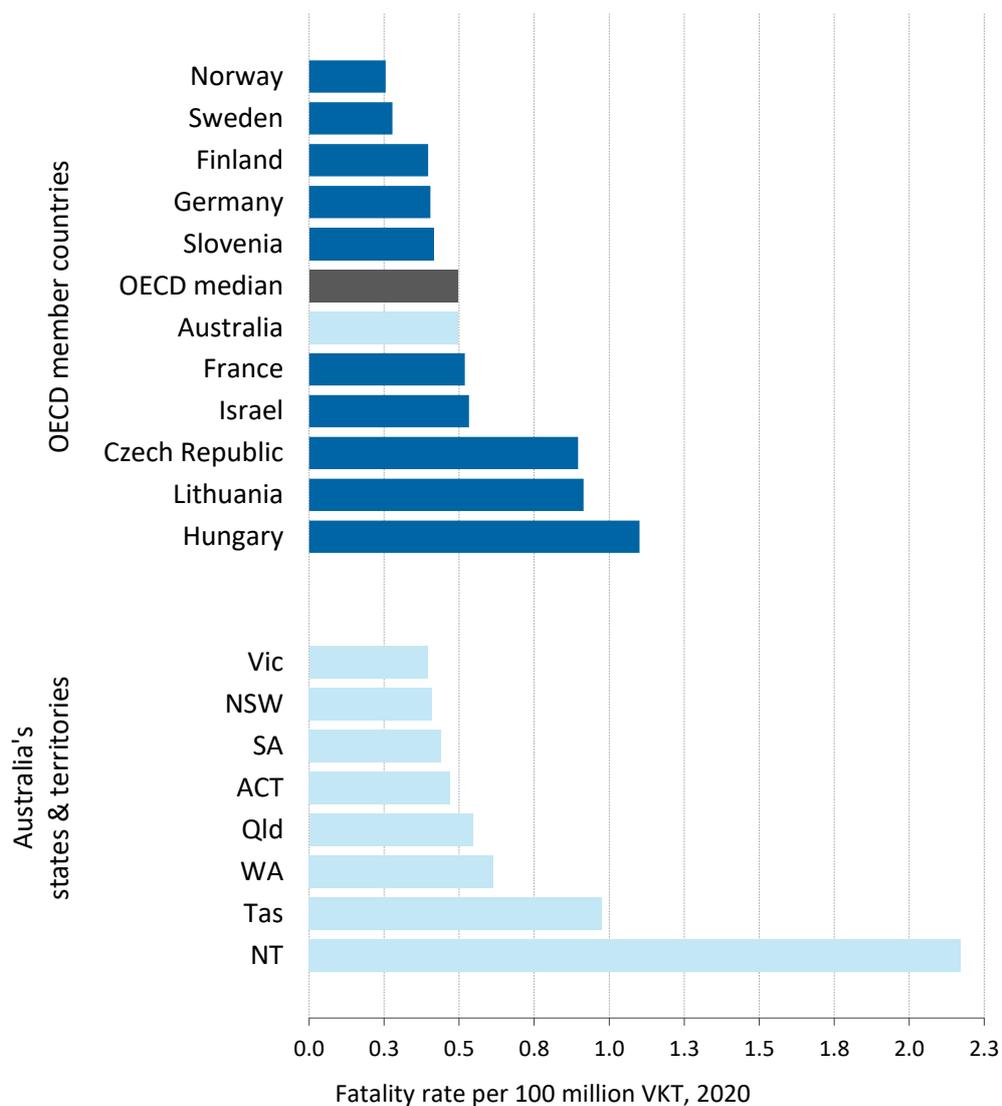
## Fatality rate per 100 million vehicle kilometres travelled (VKT) – OECD countries, 2022

**Table 1.5** Fatality rate per 100 million vehicle kilometres travelled (VKT)  
– 11 OECD countries and Australian states/territories, 2022

<i>Nation</i>	<i>Road deaths</i>	<i>Total VKT (millions)</i>	<i>Fatality rate per 100 million VKT</i>
Norway	116	45,403	0.26
Sweden	227	81,872	0.28
Finland	189	47,695	0.40
Germany	2,788	690,000	0.40
Slovenia	85	20,507	0.41
Australia	1,188	240,011	0.49
<b>OECD median</b>			<b>0.49</b>
France	3,267	629,380	0.52
Israel	351	65,900	0.53
Czech Republic	527	58,818	0.90
Lithuania	120	13,114	0.92
Hungary	536	48,675	1.10
Vic	240	61,176	0.39
NSW	281	68,468	0.41
SA	71	16,164	0.44
ACT	18	3,826	0.47
Qld	297	54,504	0.54
WA	175	28,484	0.61
Tas	51	5,225	0.98
NT	47	2,164	2.17

Sources BITRE 2023a, IRTAD 2022, ARDD

**Figure I.5 Fatality rate per 100 million vehicle kilometres travelled (VKT) – 11 OECD countries and Australian states/territories, 2022**



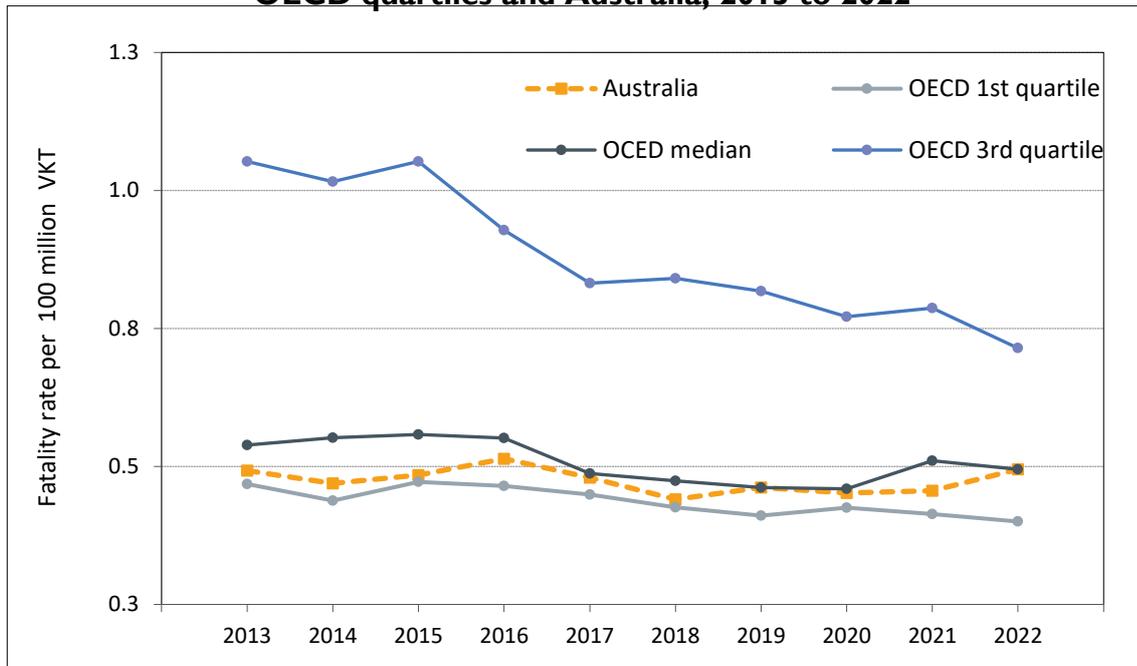
## OECD countries, 1990, 2000, 2010 and 2013 to 2022

**Table I.6 Fatality rate per 100 million vehicle kilometres travelled (VKT) – OECD countries and Australian states/territories, 1990, 2000, 2010 and 2013 to 2022**

<i>Nation</i>	1990	2000	2010	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Norway	7.8	7.6	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.26
Sweden	9.1	6.7	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.28
Finland	13.0	7.7	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.40
Germany	10.0	9.1	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.40
Slovenia	25.9	15.8	0.8	0.7	0.6	0.7	0.7	0.5	0.4	0.5	0.5	0.6	0.41
Australia	13.7	9.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.49
France	19.8	13.7	0.7	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.52
Israel	8.7	7.9	0.8	0.6	0.6	0.6	0.7	0.6	0.5	0.6	0.6	0.6	0.53
Czech Republic	12.5	14.5	1.6	1.4	1.4	1.4	1.2	1.1	1.2	1.1	1.0	1.0	0.90
Lithuania	29.2	18.3	3.0	2.5	2.5	2.1	1.6	1.6	1.4	1.4	1.4	1.2	0.92
Hungary	23.4	11.7	2.0	1.7	1.7	1.7	1.5	1.5	1.4	1.3	1.1	1.2	1.10
Iceland	9.5	11.5	0.3	0.5	0.1	0.5	0.5	0.4	0.4	0.2	0.2	0.2	-
Denmark	12.3	9.3	0.6	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.2	-
Switzerland	13.9	8.3	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.3	-
Canada	14.3	9.5	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.4	-
Austria	20.4	12.2	0.8	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	-
Japan	11.8	8.2	0.8	0.7	0.6	0.7	0.6	0.6	0.6	0.5	0.5	0.5	-
New Zealand	21.4	12.0	0.9	0.6	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	-
Korea	33.1	21.8	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.0	0.9	0.8	-
United States	17.9	14.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.9	-
Poland	19.3	16.4	2.0	1.6	1.5	1.3	1.3	1.2	1.1	1.2	1.1	0.9	-
Ireland	13.6	11.0	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.4	-	-
Vic			0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.4	0.39
NSW			0.6	0.5	0.4	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.41
SA			0.7	0.6	0.6	0.6	0.5	0.6	0.5	0.7	0.6	0.6	0.44
ACT			0.5	0.2	0.3	0.4	0.3	0.1	0.2	0.1	0.2	0.3	0.47
Qld			0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.54
WA			0.8	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.61
Tas			0.6	0.7	0.6	0.6	0.7	0.6	0.6	0.5	0.7	0.7	0.98
NT			2.4	1.8	1.8	2.3	2.1	1.4	2.3	1.6	1.5	1.6	2.17

Sources Bitre 2023a, IRTAD 2023, ARDD, NCD

**Figure I.6 Fatality rate per 100 million vehicle kilometres travelled (VKT) – OECD quartiles and Australia, 2013 to 2022**



## References

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- BITRE 2023 Bureau of Infrastructure and Transport Research Economics (BITRE) Road Vehicles, Australia, January 2023
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