

A green silhouette of a train moving from left to right across the top of the page. To the right of the train is a city skyline silhouette. The background is a solid green color.

# FATALITIES, INJURIES AND NEAR HITS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2001-2023

**MARCH 2023**

# CONTENTS

	PAGE
INTRODUCTION	3
NOTES ON THE DATA IN THIS REPORT	4
SUMMARY	5
FATALITIES ON THE AUSTRALIAN HEAVY RAIL NETWORK 2001-2023	6
FATALITIES & INJURIES BY CAUSE ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	7
FATALITIES ON THE AUSTRALIAN HEAVY RAIL NETWORK BY YEAR & CAUSE 2016-2023	8
SUICIDES (2001-2017) & SUSPECTED SUICIDES (2018-2023) ON THE AUSTRALIAN HEAVY RAIL NETWORK	9
SUICIDES, SUSPECTED & ATTEMPTED SUICIDES ON THE AUSTRALIAN HEAVY RAIL NETWORK BY STATE 2016-2023	10
TOTAL TRESPASS OCCURENCES ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	11
TRESPASSER STRUCK BY TRAIN ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	12
TRESPASSER - OTHER ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	13
TOTAL LEVEL CROSSING OCCURENCES ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	14
FATALITIES & INJURIES BECAUSE OF COLLISIONS WITH A ROAD VEHICLE ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	15
FATALITIES & INJURIES BECAUSE OF COLLISIONS WITH A PEDESTRIAN ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	16
TOTAL NEAR HITS WITH TRESPASSER AND AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	17
NEAR HITS AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023 - GRAPH	18
NEAR HITS AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023 – DATA	19
NEAR HITS WITH TRESPASSER ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023	20

# INTRODUCTION

This report has been prepared by the TrackSAFE Foundation to increase knowledge and inform prevention activities to reduce fatalities, injuries and near hits on the Australian heavy rail network.

The TrackSAFE Foundation, established by the Australasian Railway Association and UGL in 2012, is Australia's only harm prevention charity focused on reducing deaths, injuries and near hits on the rail network. TrackSAFE also works to improve the wellbeing of rail employees.

Every life lost and injury on the rail network is a tragedy and the impacts on family, friends, communities, rail and recovery staff and witnesses can be profound. These incidents together with thousands of near hits each year can cause trauma and work-related stress and illness to rail and recovery staff.

The [Rail Industry Trauma Management Framework](#) developed by TrackSAFE provides guidance on best practice trauma management and should form the foundation of internal policies and procedures in rail organisations. Rail RUOK? Day is celebrated across the rail industry every April. Rail RUOK? activities throughout the year build skills and confidence to ask a workmate "R U OK?" and know what to say and do if they say no. TrackSAFE also offers a range of webinars and other activities to support the wellbeing and resilience of the rail workforce.

Working closely with rail organisations, the TrackSAFE Foundation is actively engaged in a wide range of rail safety activities including public awareness campaigns and facilitation of the annual Rail Safety Week. To prevent suicides on the rail network, it advocates for fencing and other barriers to reduce access to the rail corridor, encourages individuals to seek help before and at the time of crisis and launched [Suicide Awareness Training](#) for rail staff in September 2023. It also promotes the responsible reporting of suspected and attempted suicides by the media. In partnership with Lifeline Australia, TrackSAFE implements public awareness campaigns to encourage individuals to contact Lifeline on 13 11 14 whether they are in crisis or just needing someone to talk to. The [Pause.Call.Be Heard](#) signage is used widely in the rail corridor as well as being delivered digitally in bursts to those in and near rail locations.

Every incident on the network can also cause disruption and delays to hundreds of services each year impacting customers and economic efficiency. The average annual economic burden of railway safety incidents in Australia during the period 2007-2015 was estimated to be approximately \$360.1 million<sup>1</sup>.

More information on TrackSAFE's activities is available via its [website](#). Copies of reports commissioned by TrackSAFE and referenced in this report are available in TrackSAFE's [Information Hub](#).

Some people may find the content of this report confronting or distressing. The information included here places an emphasis on data, and as such, can appear to depersonalise the pain and loss behind the statistics. If this material raises concerns for you contact Lifeline on 13 11 14.

# NOTES ON THE DATA IN THIS REPORT

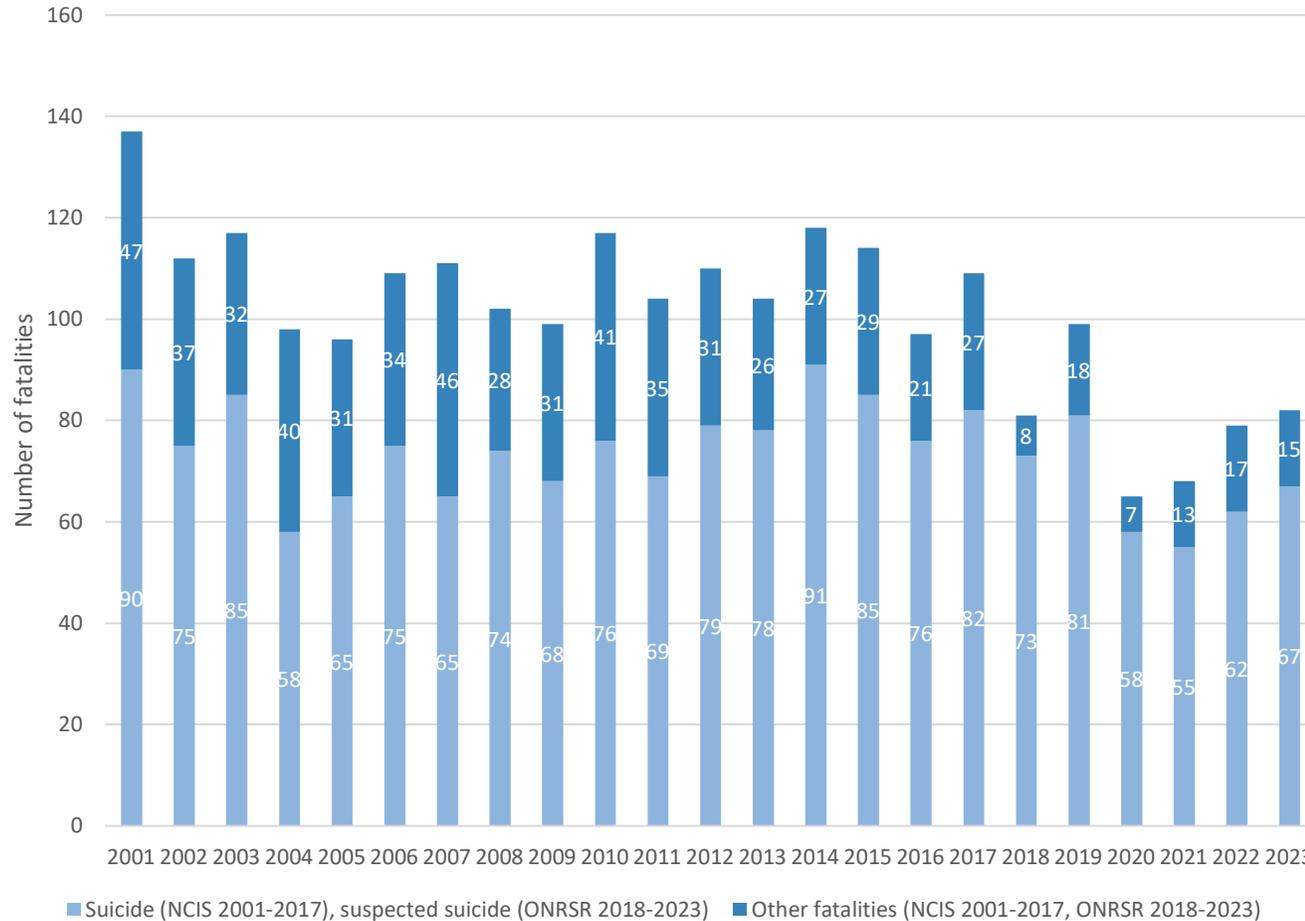
- Fatality, injury and near miss data in this report has been sourced from either the National Coronial Information System (NCIS) or the Office of the National Rail Safety Regulator (ONRSR).
- Where data is described as 'suicide', the data has been sourced from a report commissioned by the TrackSAFE Foundation from the NCIS for the period 2000-2017. Information about the limitations of this data can be provided by TrackSAFE.
- Where a fatality is described as 'suspected suicide', the data has been obtained by ONRSR and includes incidents notified to the Regulator by rail operators as required by the Rail Safety National Law National Regulations. These incidents are notified to ONRSR shortly after the incident. The Coroner may make a different determination about the cause of death.
- The number of suicides in 2016 & 2017 (76 & 82 respectively) as determined by Coroners' and included in the NCIS report is lower than the suspected suicides reported in the ONRSR database (77 & 94 respectively).
- There is some variability in the time period used for the analysis included in this report due to the form and availability of data.
- Two amendments were made to the original ONRSR occurrence database by TrackSAFE. A 2017 Victorian tram incident that resulted in a serious injury is excluded and suspected suicide fatality in NSW in 2016 was misclassified as a minor injury.
- On 1/7/2022 the definition of serious injury has changed and resulted in a slight decrease of serious injuries compared to previous years. On the same date the definition of Near Miss/Near Hit has changed and now only requires incidents to be reported where a collision has only been narrowly avoided by chance and there was a high chance of collision if circumstances were slightly different. This resulted in a decrease in incidents compared to previous years.

# SUMMARY

- Between 2001-2023 there were 2,330 fatalities, 1,685 suicides or suspected suicides and 645<sup>1</sup> other fatalities on the Australian heavy rail network. This is a total annual average of 101 fatalities per year (73 suicides & suspected suicides and 28 other fatalities), or almost 2 each week. Most occur in Victoria (44%) followed by New South Wales (30%), Queensland (12%), Western Australia (9%) and South Australia (5%) and 7 in the Northern Territory and Tasmania and 2 in the Australian Capital Territory<sup>1</sup>.
- Since 2016 rail operators have been required to report to ONRSR occurrences – be they fatalities, injuries or near hits in accordance with the National Rail Safety National Law. Between 2016-2023 there were:
  - a total of 1,424 fatalities, injuries and attempted suicides with no injuries reported on ONRSR, an average of 178 per year.
  - 670 fatalities, an average of 84 per year. 567 of these fatalities were suspected suicides, an average of 71 per year and 84% of all fatalities.
  - 489 attempted suicides. There are likely to have been many more attempted suicides and threats of self-harm that did not meet the regulatory reporting threshold.
  - 59 fatalities and 104 injuries to trespassers. In addition, there were 5,753 near hits with trespassers, an average of 719 per year. There are likely to have been many more near hits that did not meet the regulatory reporting threshold.
  - 27 fatalities and 138 injuries because of collisions with a road vehicle at a level crossing and 13 fatalities and 17 injuries because of collisions with a pedestrian at a level crossing. In addition, there were 7,445 near hits at level crossings, 3,975 with a road vehicle and 3,470 with pedestrians, an average of 931 per year. There are likely to have been many more near hits that did not meeting the regulatory reporting threshold.
  - There were 4 other-struck by train fatalities and 6 injuries.

1. This include <4 other fatalities that occurred in 2000 in each of the Northern Territory, South Australia and Western Australia, the exact number is not reported by NCIS.

# FATALITIES ON THE AUSTRALIAN HEAVY RAIL NETWORK 2001-2023<sup>1,2,3</sup>



In this period there were 2,330 fatalities - 1,685 suicides or suspected suicides and 645 other fatalities. This is a total annual average of 101 fatalities per year (73 suicides & suspected suicides and 28 other fatalities), or almost 2 each week.

### STATE DISTRIBUTION OF FATALITIES

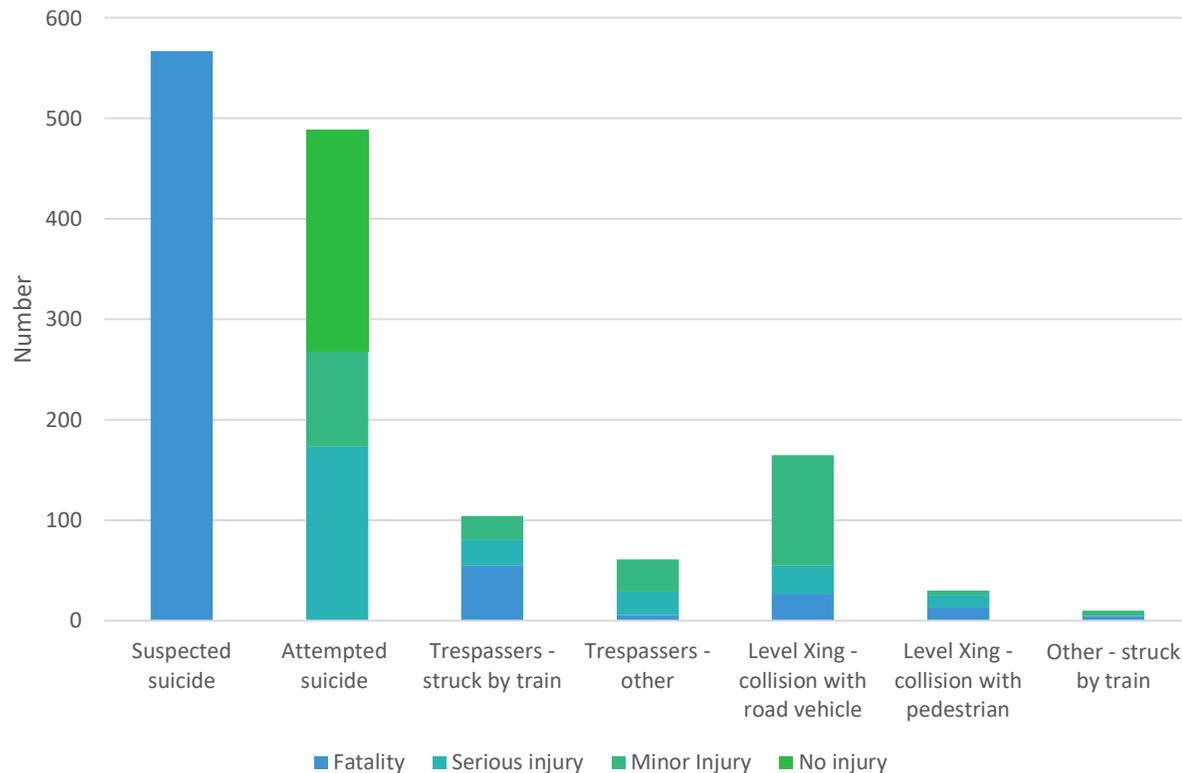


In addition, there were 7 fatalities in NT, 6 fatalities in TAS and the NT and 1 in the ACT.

1. National Coronial Information System, 2020, Intentional Self-harm deaths at Australian railway locations 2000–2017, (DR20-31 and DR20-31A), November, Melbourne Australia (for 2001-2017 suicide data), National Coronial Information System, 2021, Non-intentional self-harm deaths at Australian railway locations 2000-2017 (DR20-43), February, Melbourne Australia (for 2001-2017 other fatality data). In calculating the state distribution this includes 4 fatalities in 2000 that occurred across WA, SA, NT.
2. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023 (for 2018-2023 data). The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences to ONRSR.
3. NCIS report less suicides in 2016 & 2017 compared to ONRSR suspected suicides (76 and 82 reported by NCIS for 2016 and 2017 respectively compared to 77 and 94 suspected suicides reported by ONRSR).

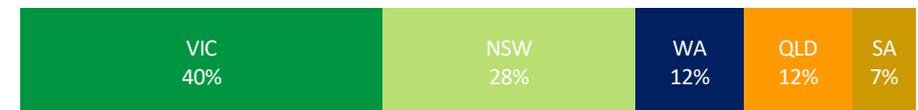
# FATALITIES & INJURIES BY CAUSE ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

In this period there were 1,424 fatalities, injuries and attempted suicides with no injury reported to the Office of the National Rail Safety Regulator, an average of 178 per year.



	Fatality	Serious injury	Minor Injury	No injury	Total
Suspected suicide	567				567
Attempted suicide		173	95	221	489
Trespassers - struck by train	55	26	23		104
Trespassers - other	4	23	32		59
Level Xing - collision with road vehicle	27	28	110		165
Level Xing - collision with pedestrian	13	13	4		30
Other - struck by train	4	1	5		10
<b>Total</b>	<b>670</b>	<b>264</b>	<b>269</b>	<b>221</b>	<b>1,424</b>

## STATE DISTRIBUTION OF OCCURENCES



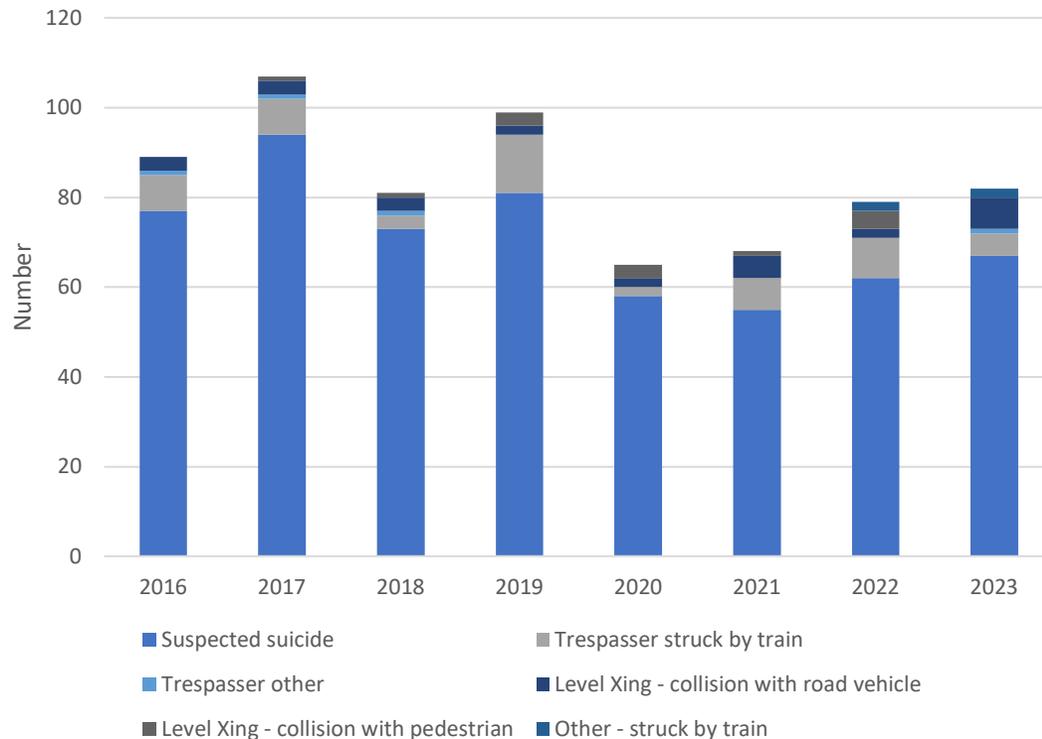
There were 6 incidents in NT, 3 in TAS and 0 in ACT

1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of serious injury has changed and potentially reducing the number of serious injuries compared to previous years. The NCIS reports less suicides in some years.

# FATALITIES ON THE AUSTRALIAN HEAVY RAIL NETWORK BY YEAR

## 2016-2023<sup>1</sup>

In this period there were 670 fatalities reported to ONRSR, an average of 84 per year, including 71 suspected suicides.



	Suspected suicide	Trespasser struck by train	Trespasser other	Level Xing - collision with road vehicle	Level Xing - collision with pedestrian	Other - struck by train	TOTAL
2016	77	8	1	3	0	0	89
2017	94	8	1	3	1	0	107
2018	73	3	1	3	1	0	81
2019	81	13	0	2	3	0	99
2020	58	2	0	2	3	0	65
2021	55	7	0	5	1	0	68
2022	62	9	0	2	4	2	79
2023	67	5	1	7	0	2	82
<b>TOTAL</b>	<b>567</b>	<b>55</b>	<b>4</b>	<b>27</b>	<b>13</b>	<b>4</b>	<b>670</b>

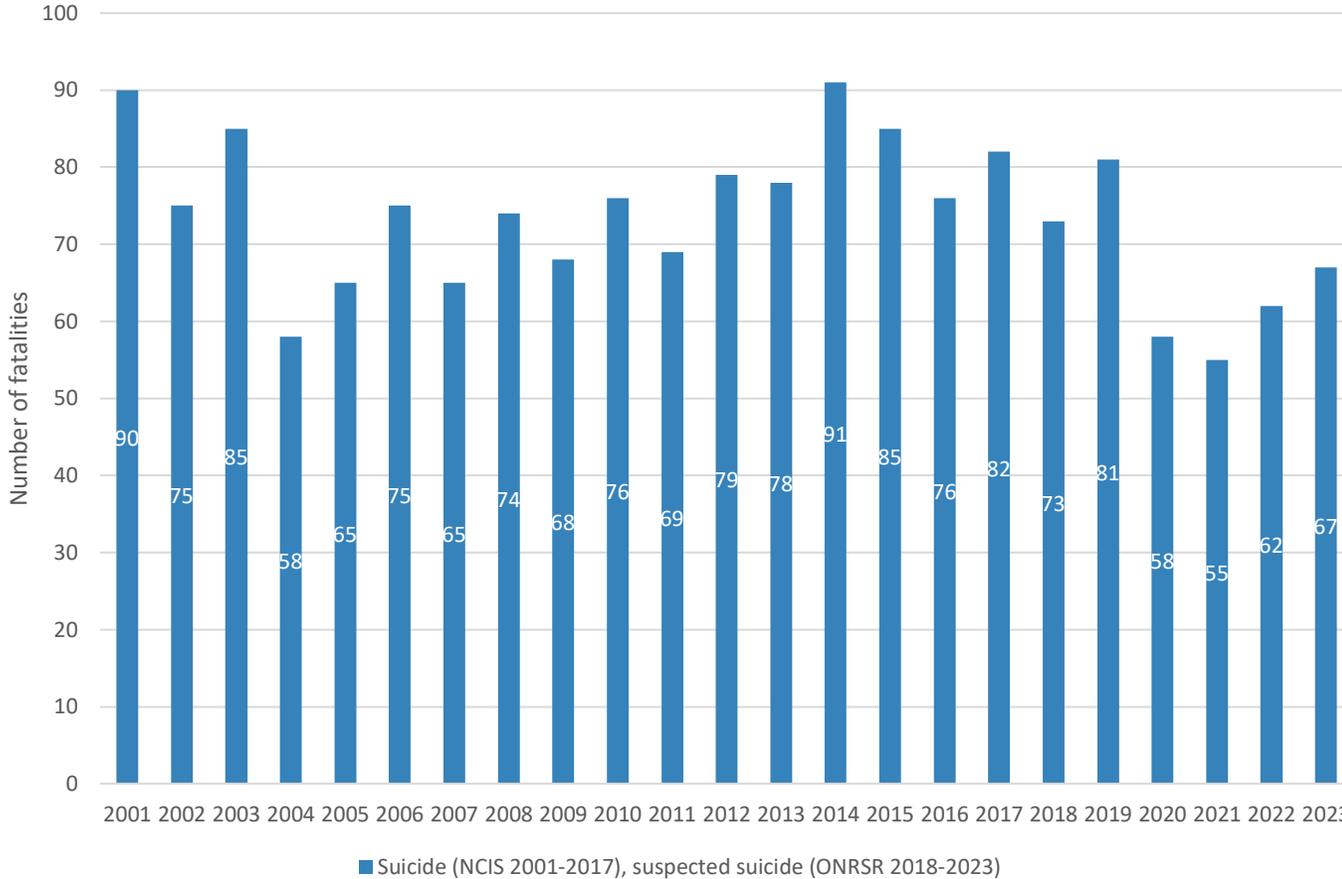
### STATE DISTRIBUTION OF FATALITIES<sup>2</sup>



In addition, there were 2 fatalities in TAS. There were no fatalities in NT & ACT

1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. The NCIS reports less suicides in some years.  
 2. Equals 99% due to rounding

# SUICIDES (2001-2017)<sup>1</sup> & SUSPECTED SUICIDES (2018-2023)<sup>2,3</sup> ON THE AUSTRALIAN HEAVY RAIL NETWORK



In this period there were 1,685 suicides & suspected suicides, an average of 73 per year and equivalent to 72% of all fatalities.

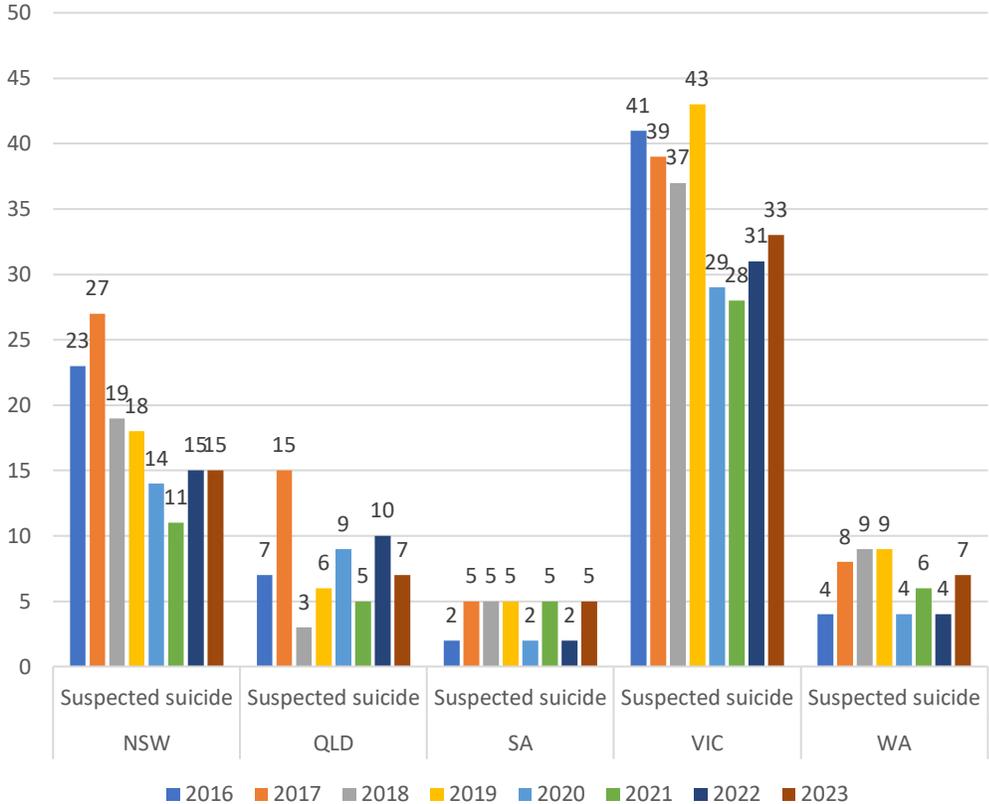
## STATE DISTRIBUTION OF SUICIDES & SUSPECTED SUICIDES<sup>4</sup>



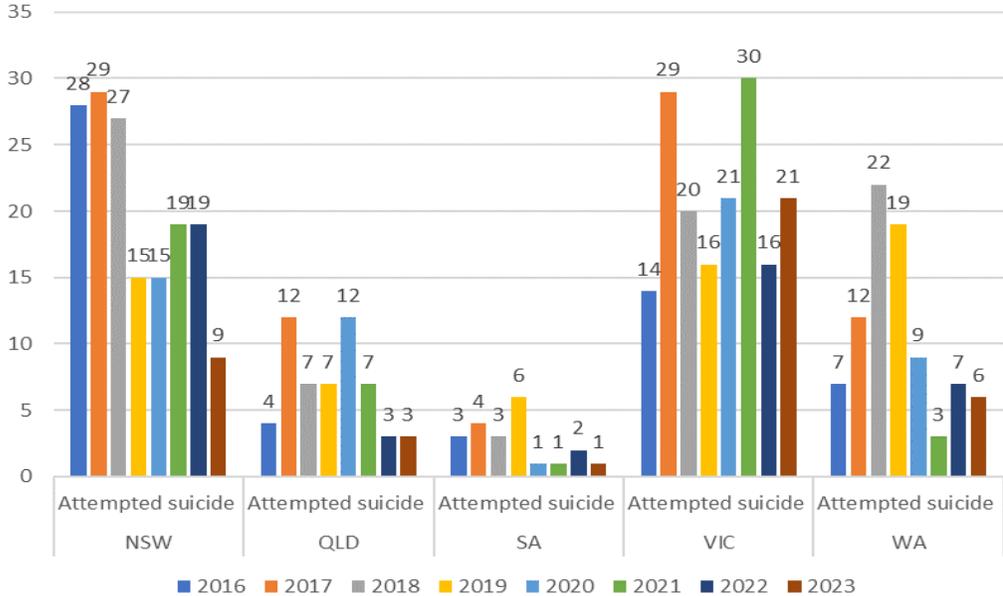
1. National Coronial Information System, 2020 Intentional Self-harm deaths at Australian railway locations 2000–2017, (DR20-31 and DR20-31A), November, Melbourne Australia (for 2001-2017 data).
2. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023 (for 2018-2023 data). The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences to ONRSR.
3. NCIS report less suicides in 2016 & 2017 compared to ONRSR suspected suicides (76 and 82 reported by NCIS for 2016 and 2017 respectively compared to 77 and 94 suspected suicides reported by ONRSR).
4. In 2004 & 2005 there were a total of 5 deaths by suicide in SA & WA. This 5 is included in the graph by year but is excluded from the state distribution graph. This state distribution graph also excludes 1 suicide in the ACT in 2001 and 1 suicide in TAS in 2011 however these are included in the graph by year.

# SUICIDES<sup>1</sup>, SUSPECTED & ATTEMPTED SUICIDES<sup>2,3</sup> ON THE AUSTRALIAN HEAVY RAIL NETWORK BY STATE 2016-2023

SUSPECTED SUICIDE



ATTEMPTED SUICIDE



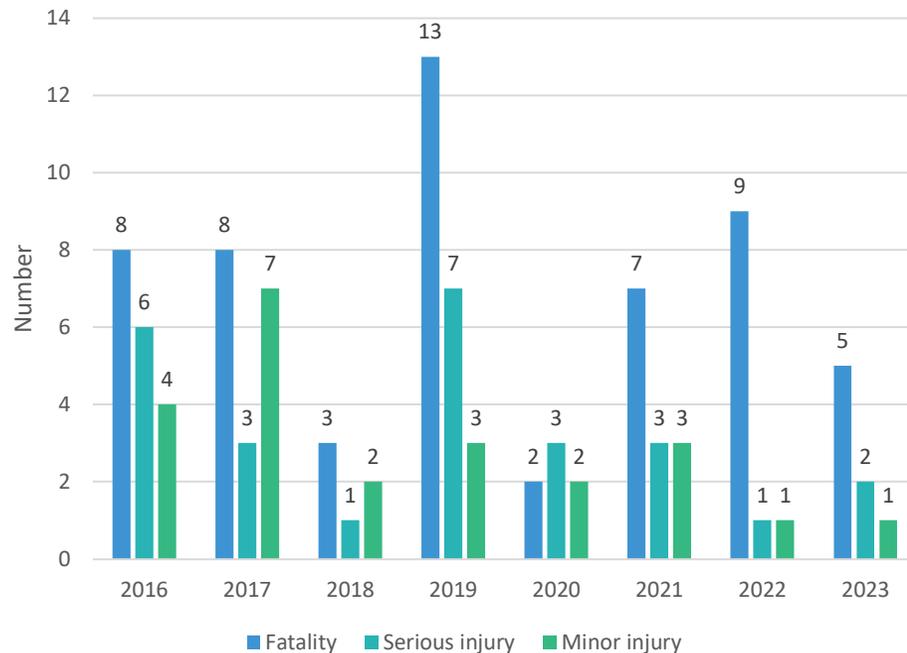
1. National Coronial Information System, 2020 Intentional Self-harm deaths at Australian railway locations 2000–2017, (DR20-31 and DR20-31A), November, Melbourne Australia (for 2016-2017 data).  
 2. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023 (for 2018-2023 data). The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences to ONRSR.  
 3. NCIS report less suicides in 2016 & 2017 compared to ONRSR suspected suicides (76 and 82 reported by NCIS for 2016 and 2017 respectively compared to 77 and 94 suspected suicides reported by ONRSR).



# TOTAL TRESPASS OCCURENCES ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

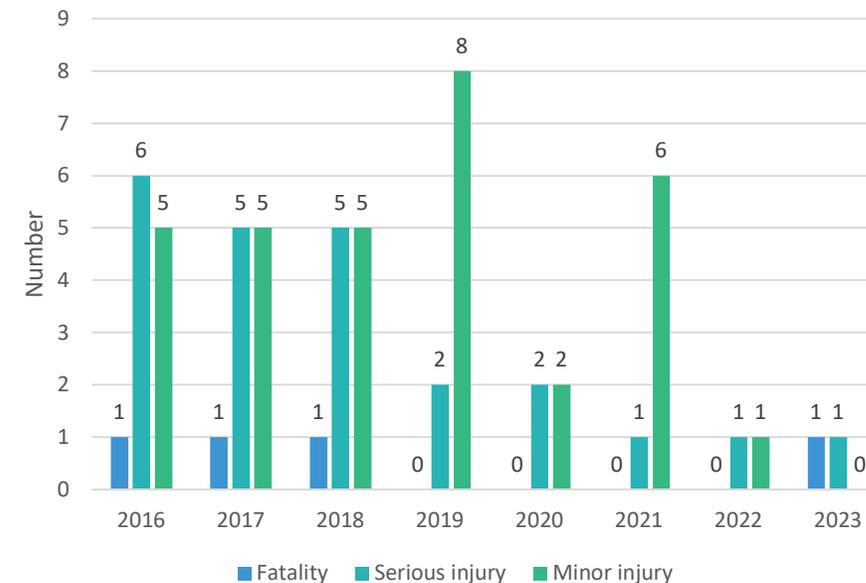
## TRESPASSER STRUCK BY TRAIN

In this period there were 104 trespassers struck by a train resulting in 55 fatalities, 26 serious injuries and 23 minor injuries.



## TRESPASSER OTHER INCIDENT

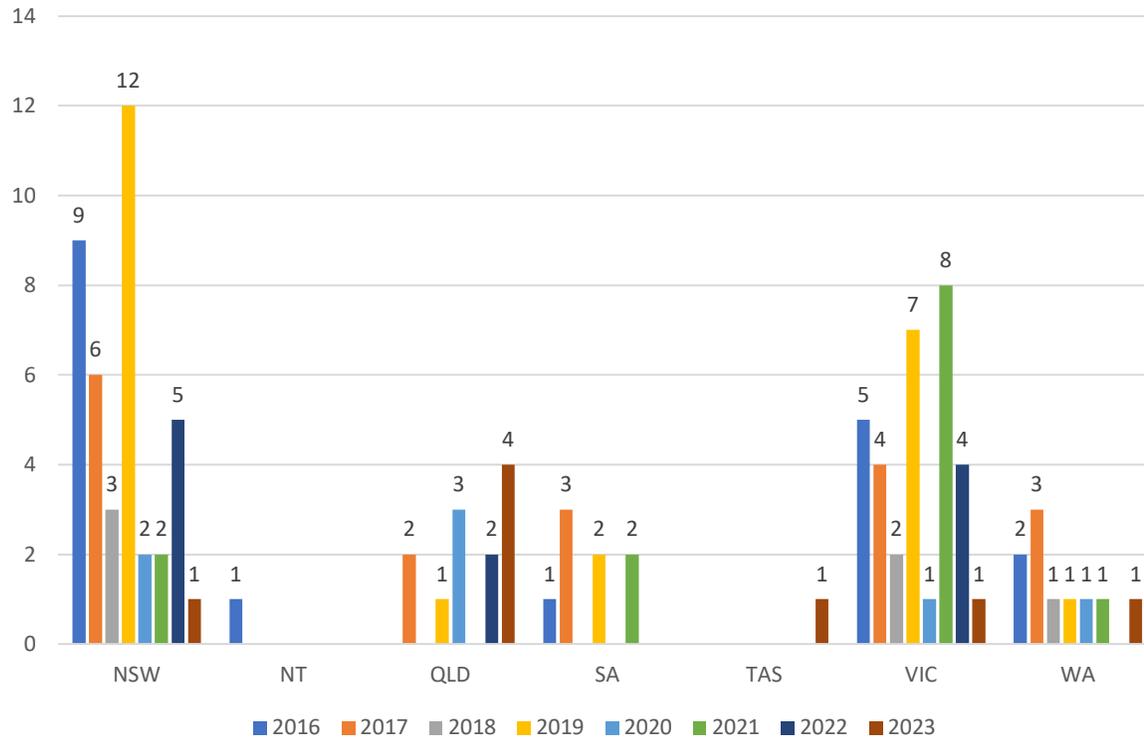
In this period there were 59 other trespasser incidents resulting in 4 fatalities, 23 serious injuries and 32 minor injuries.



1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of serious injury changed potentially changing reported serious injuries compared to previous years.

# TRESPASSER STRUCK BY TRAIN ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

In this period there were 104 trespassers struck by a train resulting in 55 fatalities, 26 serious injuries and 23 minor injuries.



	NSW	NT	QLD	SA	VIC	WA	TOTAL
2016	9	1	0	1	5	2	18
2017	6	0	2	3	4	3	18
2018	3	0	0	0	2	1	6
2019	12	0	1	2	7	1	23
2020	2	0	3	0	1	1	7
2021	2	0	0	2	8	1	13
2022	5	0	2	0	4	0	11
2023	1	0	4	0	1	1	8
<b>TOTAL</b>	<b>40</b>	<b>1</b>	<b>12</b>	<b>8</b>	<b>32</b>	<b>10</b>	<b>104</b>

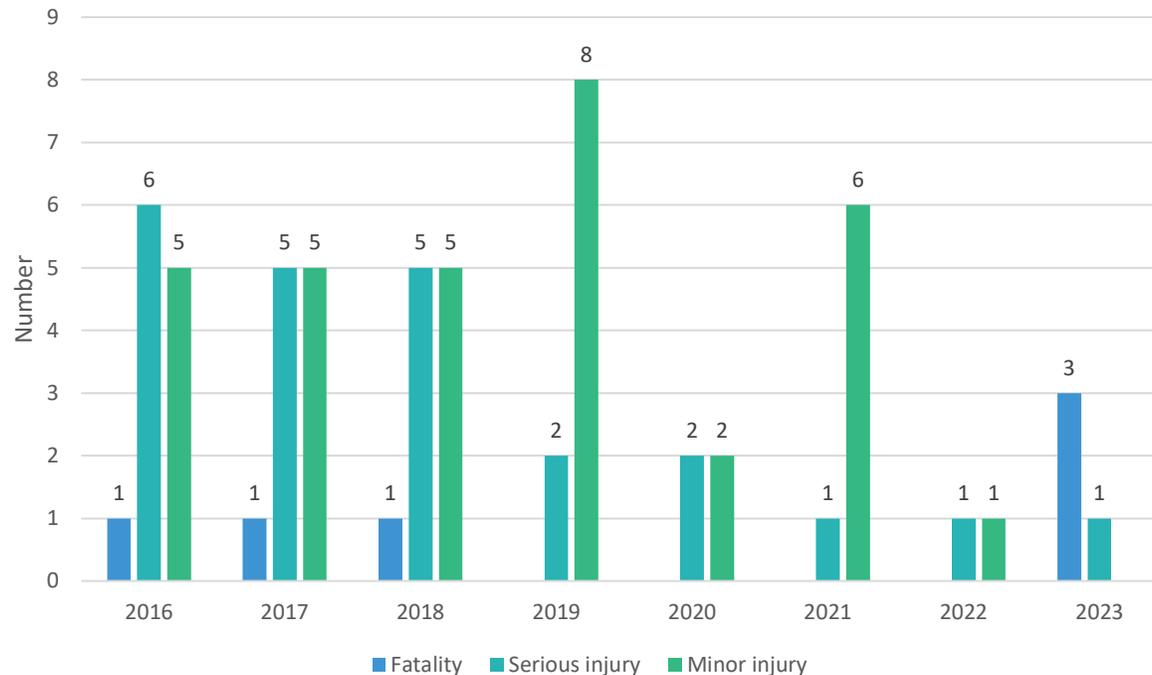
There were no incidents in the ACT

	Fatality	Serious injury	Minor injury	TOTAL
2016	8	6	4	18
2017	8	3	7	18
2018	3	1	2	6
2019	13	7	3	23
2020	2	3	2	7
2021	7	3	3	13
2022	9	1	1	11
2023	5	2	1	8
<b>TOTAL</b>	<b>55</b>	<b>26</b>	<b>23</b>	<b>104</b>

1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of serious injury changed potentially changing reported serious injuries compared to previous years.

# TRESPASSER - OTHER ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

In this period there were 59 other trespasser incidents resulting in 4 fatalities, 23 serious injuries and 32 minor injuries.



	NSW	NT	QLD	SA	VIC	WA	TOTAL
2016	7	1	1	1	1	1	12
2017	2	0	3	2	4	0	11
2018	3	0	5	0	0	3	11
2019	4	0	1	0	3	2	10
2020	0	0	4	0	0	0	4
2021	5	0	0	1	0	1	7
2022	0	0	1	0	1	0	2
2023	1	0	1	0	0	0	4
<b>TOTAL</b>	<b>22</b>	<b>1</b>	<b>16</b>	<b>4</b>	<b>9</b>	<b>7</b>	<b>59</b>

There were no incidents in the ACT or TAS.

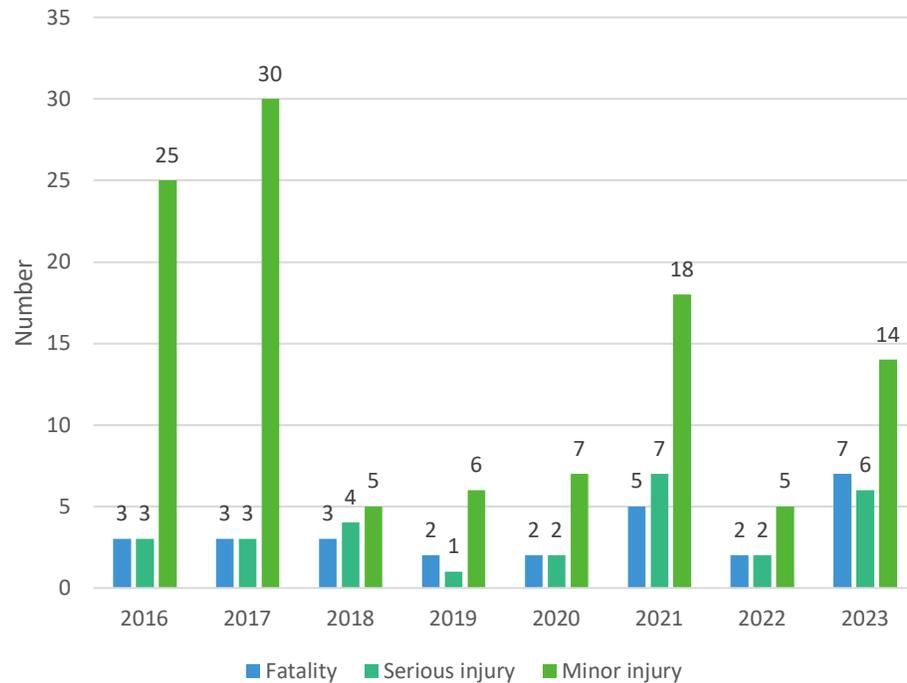
	Fatality	Serious injury	Minor injury	TOTAL
2016	1	6	5	12
2017	1	5	5	11
2018	1	5	5	11
2019	0	2	8	10
2020	0	2	2	4
2021	0	1	6	7
2022	0	1	1	2
2023	1	1	0	4
<b>TOTAL</b>	<b>4</b>	<b>23</b>	<b>32</b>	<b>59</b>

1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of serious injury changed potentially changing reported serious injuries compared to previous years.

# TOTAL LEVEL CROSSING OCCURENCES ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

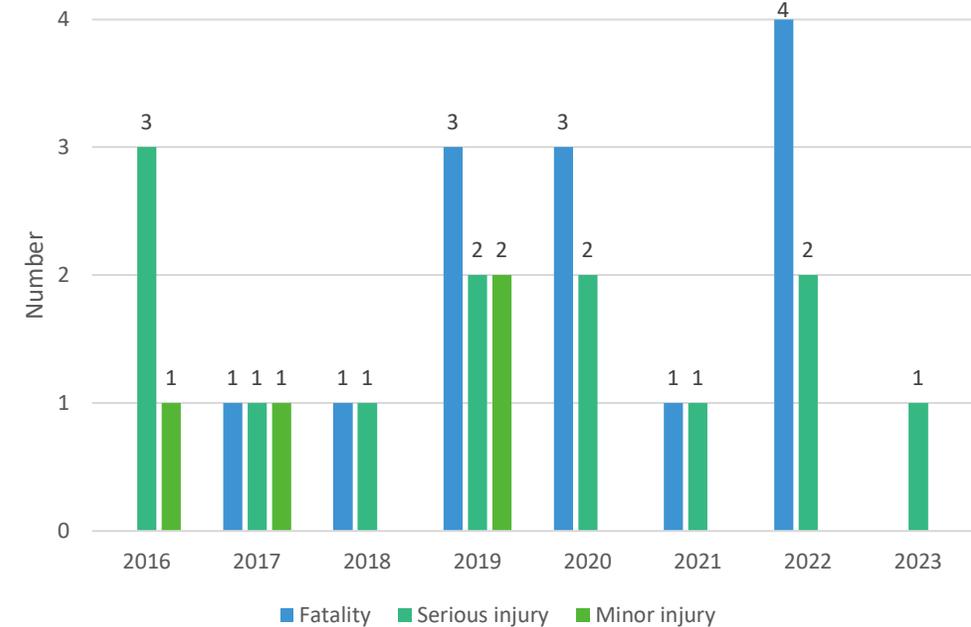
## COLLISION WITH A ROAD VEHICLE

In this period there were 27 fatalities and 138 injuries because of road vehicle collisions at a level crossing.



## COLLISION WITH A PEDESTRIAN

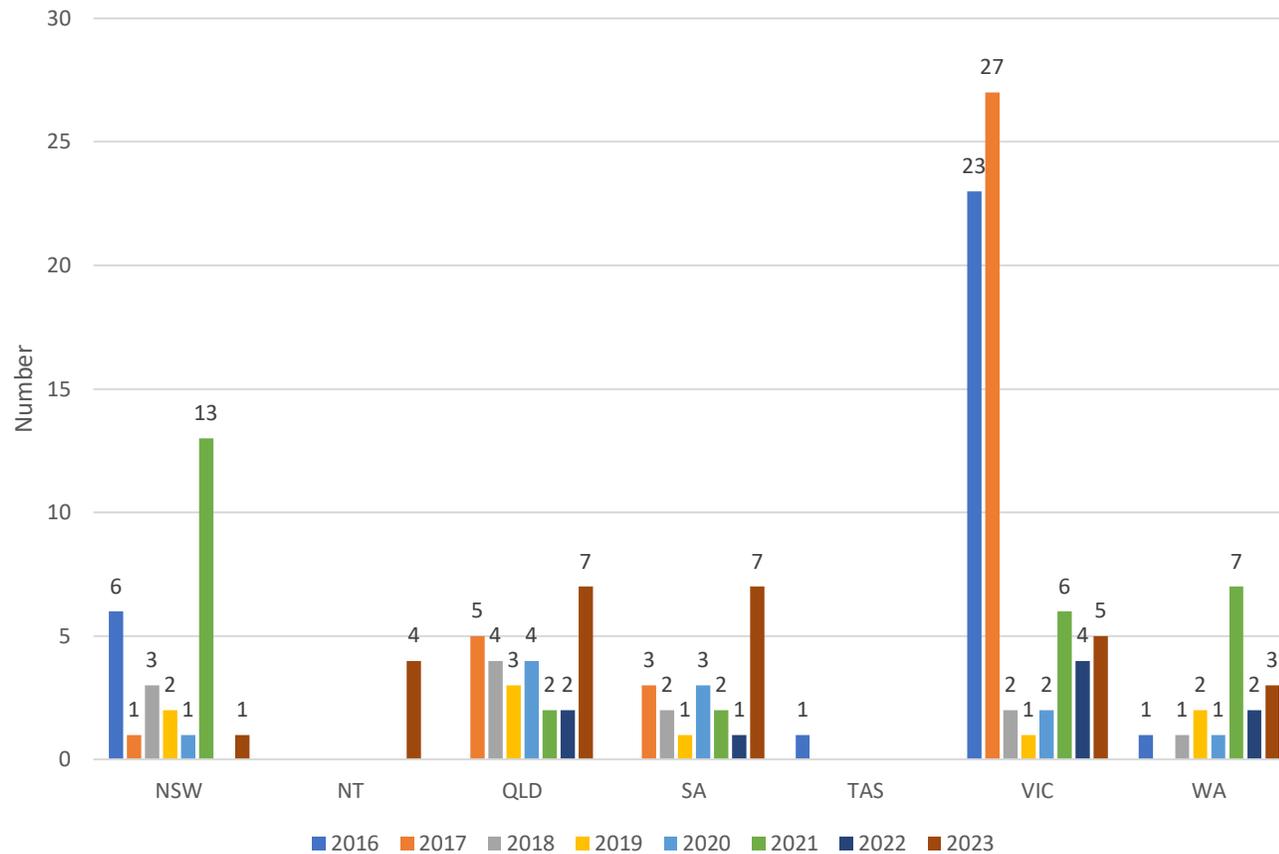
In this period there were 13 fatalities and 17 injuries because of collisions with a pedestrian at a level crossing



1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of serious injury changed potentially changing reported serious injuries compared to previous years.

# FATALITIES & INJURIES BECAUSE OF COLLISIONS WITH A ROAD VEHICLE AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

In this period there were 27 fatalities and 138 injuries because of road vehicle collisions at a level crossing.



	NSW	NT	QLD	SA	TAS	VIC	WA	TOTAL
2016	6	0	0	0	1	23	1	31
2017	1	0	5	3	0	27	0	36
2018	3	0	4	2	0	2	1	12
2019	2	0	3	1	0	1	2	9
2020	1	0	4	3	0	2	1	11
2021	13	0	2	2	0	6	7	30
2022	0	0	2	1	0	4	2	9
2023	1	4	7	7	0	5	3	27
<b>TOTAL</b>	<b>27</b>	<b>4</b>	<b>27</b>	<b>19</b>	<b>1</b>	<b>70</b>	<b>17</b>	<b>165</b>

There were no incidents in the ACT.

	Fatality	Serious injury	Minor injury	TOTAL
2016	3	3	25	31
2017	3	3	30	36
2018	3	4	5	12
2019	2	1	6	9
2020	2	2	7	11
2021	5	7	18	30
2022	2	2	5	9
2023	7	6	14	27
<b>TOTAL</b>	<b>27</b>	<b>28</b>	<b>110</b>	<b>165</b>

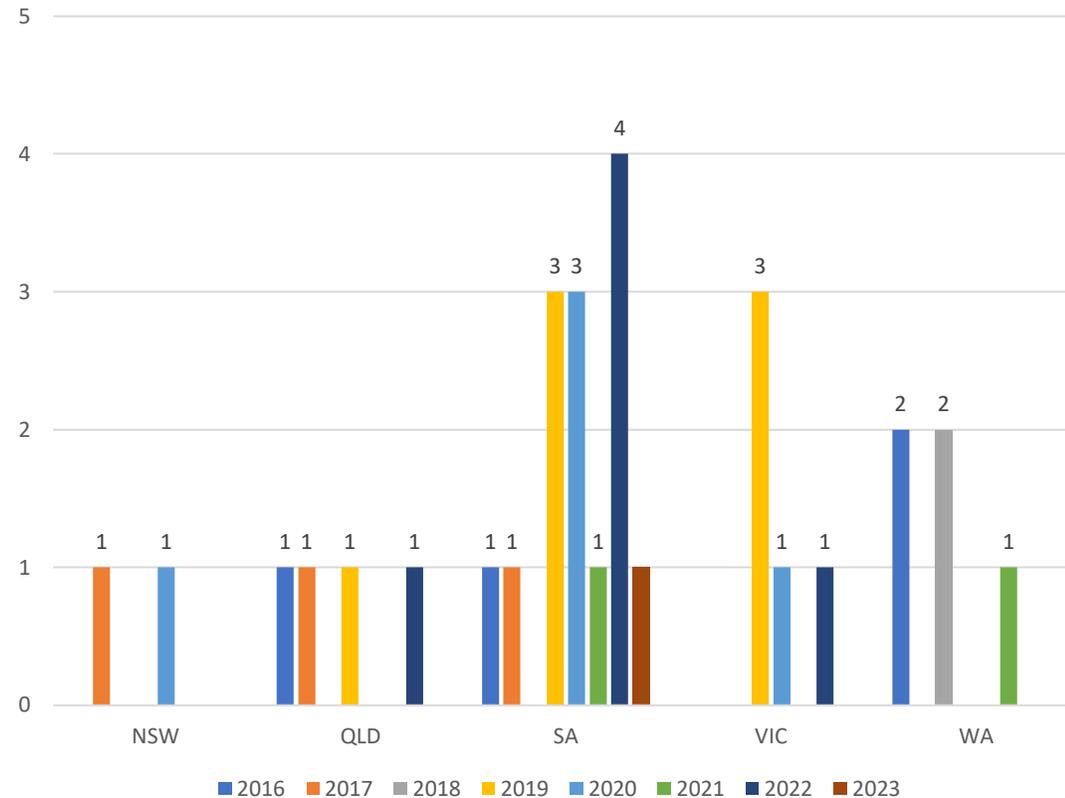
1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of serious injury changed potentially reducing reported serious injuries compared to previous years.

# FATALITIES & INJURIES BECAUSE OF COLLISIONS WITH A PEDESTRIAN AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

In this period there were 13 fatalities and 17 injuries because of collisions with a pedestrian at a level crossing.

	NSW	QLD	SA	VIC	WA	TOTAL
2016	0	1	1	0	2	4
2017	1	1	1	0	0	3
2018	0	0	0	0	2	2
2019	0	1	3	2	0	7
2020	1	0	3	1	0	5
2021	0	0	1	0	1	2
2022	0	1	4	1	0	6
2023	0	0	1	0	0	1
<b>TOTAL</b>	<b>2</b>	<b>4</b>	<b>14</b>	<b>5</b>	<b>5</b>	<b>30</b>

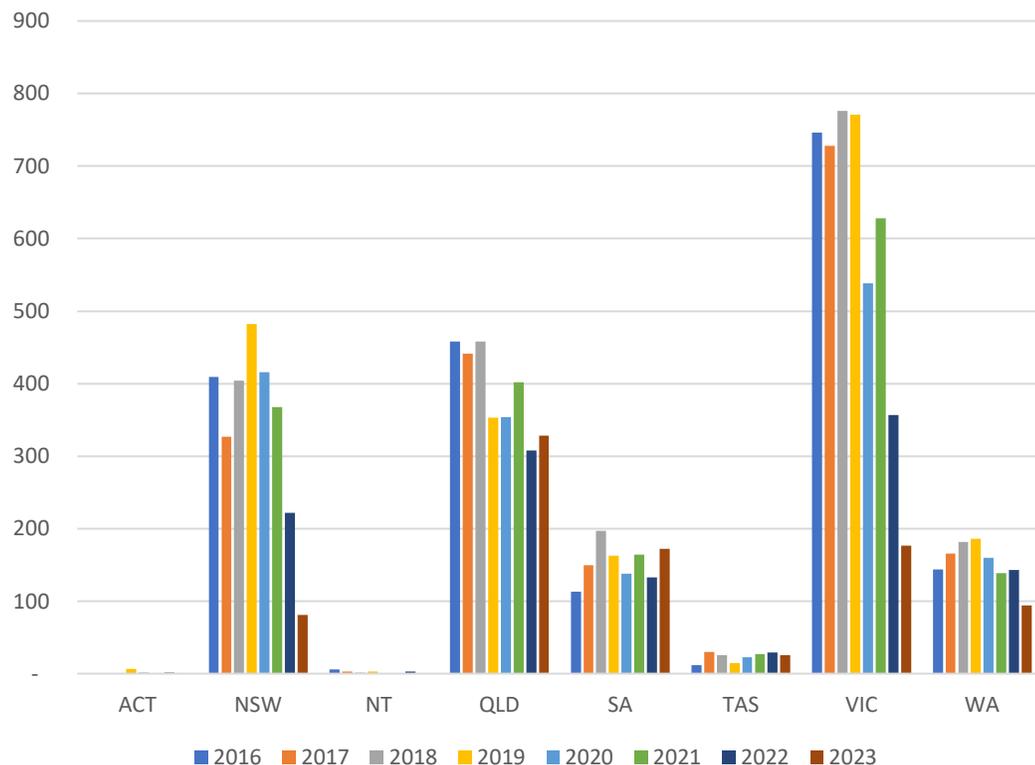
There were no incidents in the ACT, NT or TAS.



	Fatality	Serious injury	Minor injury	TOTAL
2016	0	3	1	4
2017	1	1	1	3
2018	1	1	0	2
2019	3	2	2	7
2020	3	2	0	5
2021	1	1	0	2
2022	4	2	0	6
2023	0	1	0	1
<b>TOTAL</b>	<b>13</b>	<b>13</b>	<b>4</b>	<b>30</b>

1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of serious injury changed potentially reducing reported serious injuries compared to previous years.

# TOTAL NEAR HIT WITH TRESPASSER AND AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>



In this period there were 13,198 near hits with a trespasser and with road vehicles and pedestrians at a level crossing reported to ONRSR, an average of 1,650 per year. There are likely to have been many more near misses that did not meeting the regulatory reporting threshold.

## NEAR MISS BY TYPE

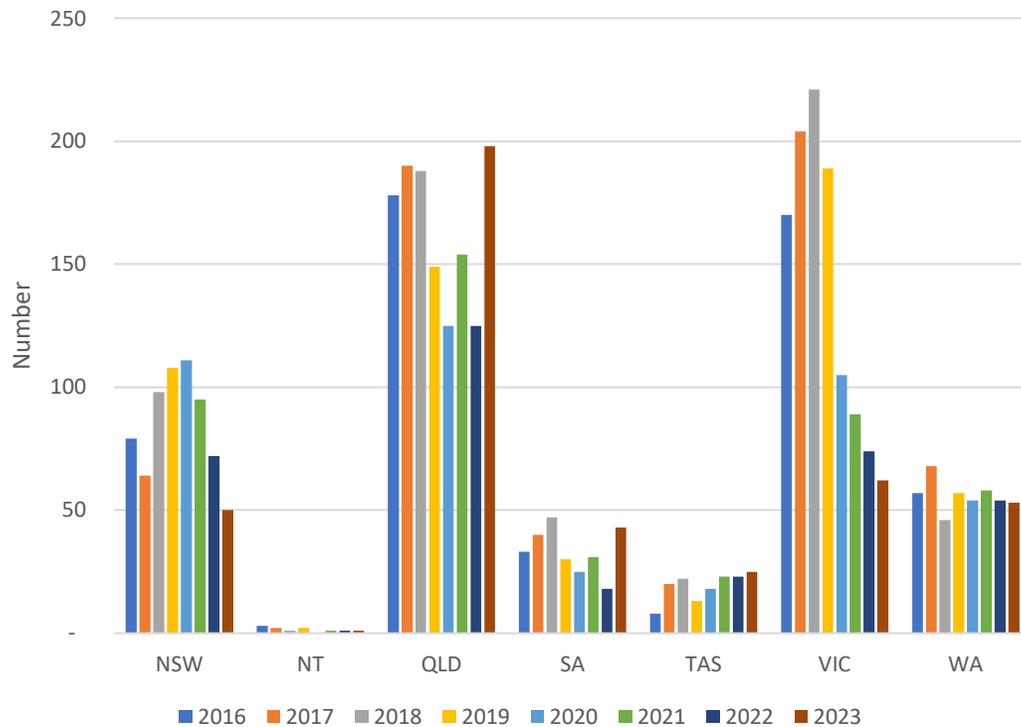


1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of Near Miss/Near Hit has changed and now only requires incidents to be reported where a collision has only been narrowly avoided by chance and there was a high chance of collision if circumstances were slightly different. This may result in a decrease of incidents compared to previous years.

# NEAR HITS AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

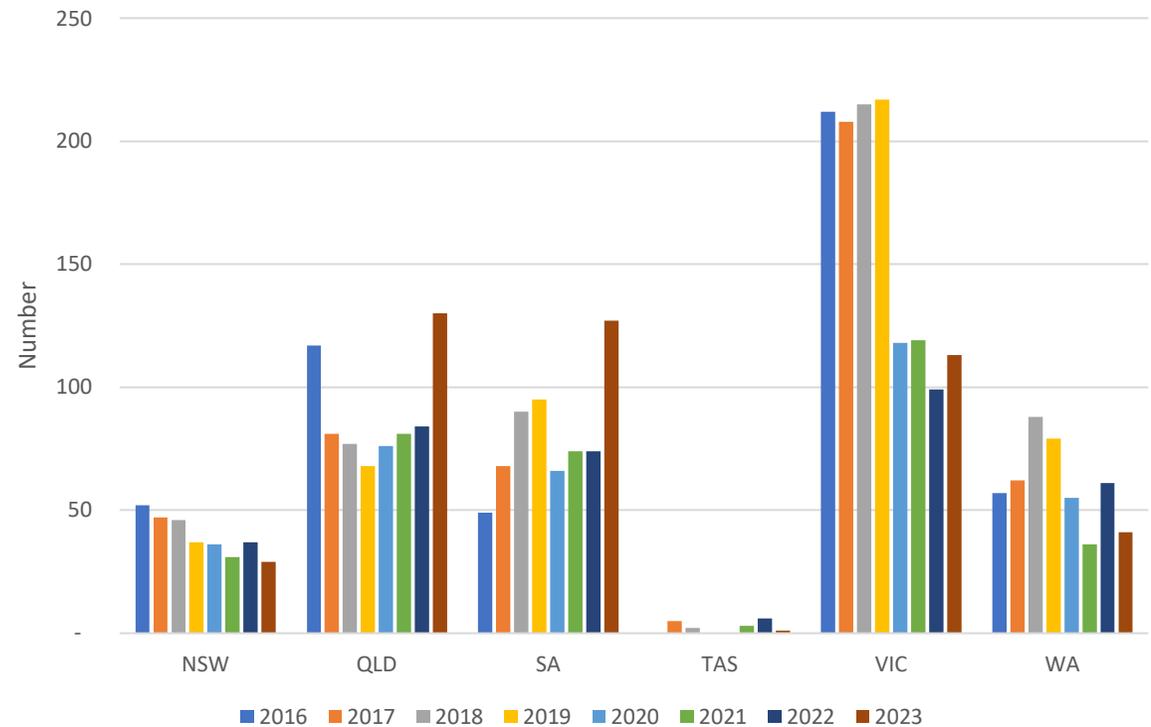
## NEAR HITS WITH ROAD VEHICLE

In this period there were 3,975 near misses with a road vehicle at a level crossing, an average of 497 per year. There were no incidents in the ACT.



## NEAR HITS WITH PEDESTRIAN

In this period there were 3,470 near misses with a pedestrian at a level crossing, an average of 434 per year. There were no incidents in the ACT and 1 incident in the NT in 2022.



1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of Near Miss/Near Hit has changed and now only requires incidents to be reported where a collision has only been narrowly avoided by chance and there was a high chance of collision if circumstances were slightly different. This may result in a decrease of incidents compared to previous years.

# NEAR HITS AT LEVEL CROSSINGS ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

## NEAR HITS WITH ROAD VEHICLE

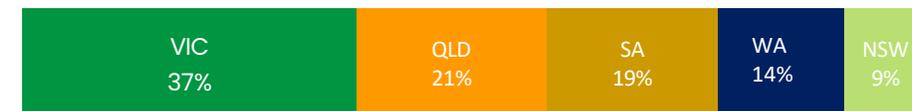
In this period there were 3,975 near hits with a road vehicle at a level crossing, an average of 497 per year. There were no incidents in the ACT.

	NSW	NT	QLD	SA	TAS	VIC	WA
2016	79	3	178	33	8	170	57
2017	64	2	190	40	20	204	68
2018	98	1	188	47	22	221	46
2019	108	2	149	30	13	189	57
2020	111	-	125	25	18	105	54
2021	95	1	154	31	23	89	58
2022	72	1	125	18	23	74	54
2023	50	1	198	43	25	62	53
TOTAL	677	11	1,307	267	152	1,114	447
AVERAGE	85	1	163	33	19	139	56

## NEAR HITS WITH PEDESTRIAN

In this period there were 3,470 near hits with a pedestrian at a level crossing, an average of 434 per year. There were no incidents in the ACT.

	NSW	NT	QLD	SA	TAS	VIC	WA
2016	52	-	117	49	-	212	57
2017	47	-	81	68	5	208	62
2018	46	-	77	90	2	215	88
2019	37	-	68	95	-	217	79
2020	36	-	76	66	-	118	55
2021	31	-	81	74	3	119	36
2022	37	1	84	74	6	99	61
2023	29	-	130	127	1	113	41
TOTAL	315	1	714	643	17	1,301	479
AVERAGE	39	0	89	80	2	163	60

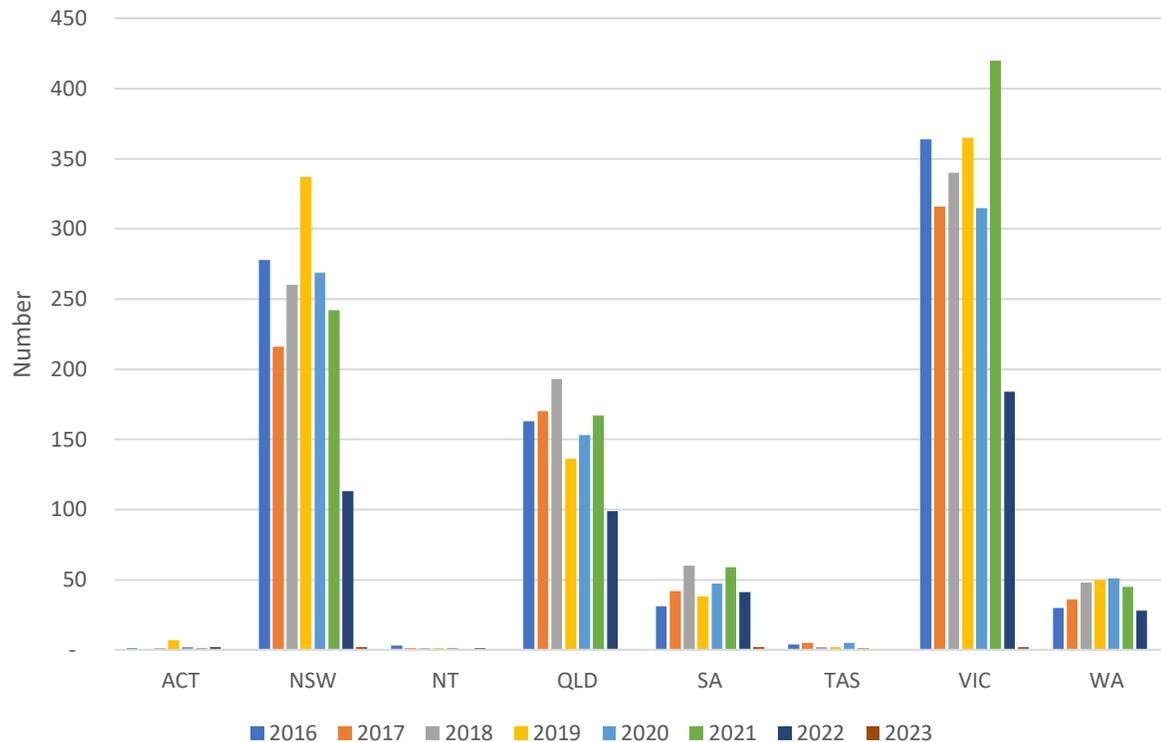


In addition, less than 1% in TAS and NT.

1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of Near Miss/Near Hit has changed and now only requires incidents to be reported where a collision has only been narrowly avoided by chance and there was a high chance of collision if circumstances were slightly different. This may result in a decrease of incidents compared to previous years.

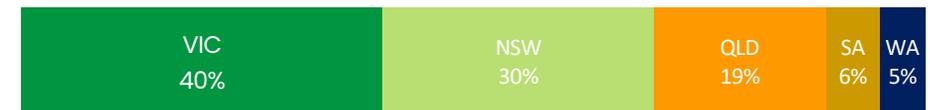
# NEAR HITS WITH TRESPASSER ON THE AUSTRALIAN HEAVY RAIL NETWORK 2016-2023<sup>1</sup>

In this period there were 5,753 near hits with a trespasser, an average of 719 per year.



	ACT	NSW	NT	QLD	SA	TAS	VIC	WA
2016	1	278	3	163	31	4	364	30
2017	-	216	1	170	42	5	316	36
2018	1	260	1	193	60	2	340	48
2019	7	337	1	136	38	2	365	50
2020	2	269	1	153	47	5	315	51
2021	1	242	-	167	59	1	420	45
2022	2	113	1	99	41	-	184	28
2023	-	2	-	-	2	-	2	-
TOTAL	14	1,717	8	1,081	320	19	2,306	288
AVERAGE	2	215	1	135	40	2	288	36

## DISTRIBUTION OF NEAR MISS WITH TRESPASSER BY STATE



Incidents in ACT, NT and TAS combined is less than 1%

1. Office of the National Rail Safety Regulator, Occurrence extract-fatalities, serious injuries, minor injuries, attempted suicide no consequence July 2015–December 2023. The requirements for operator reporting of notifiable occurrences are set out in the Reporting Requirements for Notifiable Occurrences. See [here](#) for information about notifiable occurrences. On 1/7/2022 the definition of Near Miss/Near Hit has changed and now only requires incidents to be reported where a collision has only been narrowly avoided by chance and there was a high chance of collision if circumstances were slightly different. This may result in a decrease of incidents compared to previous years.

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