

Rail safety statistics

This document provides information about rail safety in New Zealand with a focus on level crossing collisions.

Level crossing accidents

The table below shows the number of collisions at level crossings between trains and motor vehicles that result in death or injury. The table also shows the number of people killed or injured in those collisions. This information is derived from the NZ Transport Agency's crash analysis system (CAS) which holds records of police reported information.

Crashes and casualties for level crossing collisions between trains and motor vehicles (includes cyclists from 2014)

Year	Crashes		Casualties		
	Total	Fatal	Deaths	Serious	Minor
2000	14	3	4	7	8
2001	16	4	4	0	18
2002	14	6	6	4	7
2003	16	3	3	10	7
2004	21	7	8	7	11
2005	21	4	4	8	14
2006	7	2	2	6	1
2007	15	3	5	6	13
2008	10	1	1	5	8
2009	12	3	4	8	6
2010	8	0	0	4	7
2011	10	2	2	5	8
2012	14	2	2	4	10

2013	10	2	2	10	2
2014	13	4	5	3	8
2015	5	0	0	1	5
2016	9	1	1	5	5

The following table shows the numbers of pedestrians and cyclists killed and injured at level crossings. From 2016, this information, which is based on rail occurrence reports provided by rail operators, is reported on the [NZ Transport Agency website](#)

Numbers of pedestrians and cyclists killed and injured at level crossings

Year	Pedestrian level crossing casualties		Pedal cyclist level crossing casualties	
	Deaths	Injuries	Deaths	Injuries
2000	1	1	0	0
2001	1	0	0	0
2002	2	0	0	1
2003	2	1	0	1
2004	4	0	0	1
2005	3	0	0	0
2006	2	0	0	0
2007	1	0	0	0
2008	1	2	0	0
2009	0	0	0	0
2010	1	0	0	1
2011	0	0	0	0
2012	4	1	0	2
2013	3	1	0	0

2014	0	3	0	1
2015	3	0	0	0
From 2016, this information is reported on the NZ Transport Agency website				

Download time series of casualties from rail incidents.

This spreadsheet includes the number of people killed or injured in rail incidents that are not at level crossings.

[Rail incident casualties, time series \[XLSX, 13 KB\]](#)

From 2016, this information is reported on the [NZ Transport Agency website](#)

Other rail safety statistics

Up until 2015 the Ministry produced a series of six-monthly publications based on rail occurrence reports provided by rail operators. These reports cover a wide range of occurrences including both accidents (events that caused death, injury, or significant property damage) and incidents (events that placed, or could have placed someone or something at risk of death, injury or significant property damage). Only a relatively small number of reported occurrences result in injury. The less serious occurrences are useful for identifying potential safety issues.

We no longer collect information for non-injury incidents so have discontinued this series of publications.