

## OIA-16690

**Report date:** 25 October 2024  
**Data extract date:** 25 October 2024  
**Question:** *I looked at the NZRT pedestrian deaths and injury statistics. I can find no records relating to deaths and injuries at crossings that might support this expensive programme. Would you please ask your officials to send me a full breakdown on our history of deaths and injuries at designated road crossings.*  
**Requestor:** ██████████  
**Source database:** Crash Analysis System (CAS)  
**Created by:** Boah Rasmussen (Data Services)  
**Peer reviewed by:** Peter McGinty (Data Services)

**Please note the following concerning the data contained in this spreadsheet:**

- This data is provided from the road traffic crash database; Crash Analysis System (CAS) version 2.12.0.
- NZ Transport Agency (NZTA) Waka Kotahi maintains the CAS which is updated once a Traffic Crash Report (TCR) is received from NZ Police sometime after the crash.
- Data is for all fatal and injury crashes for the years 2014 to 2024 as recorded in CAS to date - 25/10/2024.
- Data is limited to crashes where road markings include "Pedestrian Crossing".
- Pedestrians includes skateboarders, wheeled pedestrians, and people on foot.
- A crash, to be recorded in CAS must have occurred on a road. The CAS definition of a road is any street, motorway or beach, or a place to which the public have access with a motor vehicle, whether as of right or not e.g. a public car park.
- Due to the police reporting time frame and subsequent data processing, there is a lag from the time of a crash to full and correct crash records within CAS.
- Fatal crash report data is usually recorded in CAS within one working day of Waka Kotahi receiving it from NZ Police. Serious Injury and Minor injury crash report data is usually recorded in CAS within 4 weeks.
- Due to the nature of non-fatal crashes, it is believed that these are under-reported, with the level of under-reporting decreasing with the increasing severity of the crash.
- Due to the Covid-19 pandemic, NZ had a 4-level Alert system in place from 21 March 2020 until this changed to a Traffic Light system from 3 December 2021 to 12 September 2022. The amount of traffic on the roads during level 4 lockdowns was greatly reduced, which consequently reduced the number of road crashes. Road movements under the Orange and Red levels of the Traffic Light system would also be reduced due to the restrictions in place, so data from these periods will not align with previous trends.
- Crash severity is the severity of the worst injury in the crash. There may be more than one injury in a crash, so the crash and injury tables may have different numbers.
- 2024 data is not yet complete in CAS but these are the current figures from CAS as at 25/10/2024.

For further information, please contact [StatisticalAnalysis@nzta.govt.nz](mailto:StatisticalAnalysis@nzta.govt.nz)

*This information must be read in conjunction with the caveats in the "Caveats" sheet of this document.  
Data extracted from Crash Analysis System (CAS) on 25 October 2024 for the 25 October 2024 report.*

2014-2024 injury crashes where road markings include "Pedestrian Crossing"				
Year	Fatal crashes	Serious injury crashes	Minor injury crashes	Total injury crashes
2014	4	19	132	155
2015	1	21	111	133
2016		14	99	113
2017	3	25	102	130
2018	1	18	89	108
2019	4	40	222	266
2020	5	34	182	221
2021	1	38	213	252
2022	7	42	206	255
2023	6	62	273	341
2024*	3	50	237	290
<b>Totals</b>	<b>35</b>	<b>363</b>	<b>1,866</b>	<b>2,264</b>

Injuries from crashes where road markings include "Pedestrian Crossing" 2014-2024				
Year	Deaths	Serious injuries	Minor injuries	Total injuries
2014	4	20	153	177
2015	1	22	131	154
2016		15	118	133
2017	3	25	118	146
2018	1	18	95	114
2019	4	42	254	300
2020	5	38	220	263
2021	2	40	250	292
2022	8	45	251	304
2023	6	64	322	392
2024*	3	50	296	349
<b>Totals</b>	<b>37</b>	<b>379</b>	<b>2,208</b>	<b>2,624</b>

\* 2024 data is not yet complete in CAS but these are the current figures from CAS as at 25/10/2024.

2014-2024 injury crashes involving pedestrians where road markings include "Pedestrian Crossing"				
Year	Fatal crashes	Serious injury crashes	Minor injury crashes	Total injury crashes
2014	4	16	72	92
2015	1	17	58	76
2016		12	52	64
2017	2	19	59	80
2018	1	15	48	64
2019	2	20	94	116
2020	2	18	72	92
2021		26	96	122
2022	3	23	85	111
2023	5	36	90	131
2024*	1	28	74	103
<b>Totals</b>	<b>21</b>	<b>230</b>	<b>800</b>	<b>1,051</b>

Injuries to pedestrians from crashes where road markings include "Pedestrian Crossing" 2014-2024				
Year	Deaths	Serious injuries	Minor injuries	Total injuries
2014	4	17	77	98
2015	1	18	61	80
2016		13	52	65
2017	2	19	62	83
2018	1	15	50	66
2019	1	20	92	113
2020	2	19	78	99
2021		24	100	124
2022	4	24	86	114
2023	5	37	84	126
2024*	1	27	76	104
<b>Totals</b>	<b>21</b>	<b>233</b>	<b>818</b>	<b>1,072</b>