

MINO-0454 data for children injured outside schools

26 August 2022

Provide an update of the below table regarding the number of children injured outside schools in the Wellington region and across New Zealand.

Children injured outside schools by year, by Wellington region and New Zealand total		
Year	Wellington region	New Zealand total
2014	5	30
2015	4	26
2016	2	34
2017	5	36
2018	0	27
2019*	6	30
2020		
2021		
2022		

Waka Kotahi NZ Transport Agency's response:

The locations used for the previous table were crashes that occurred within 100m of the main entrance to a school and the geographical locations of front gates is no longer available as this is now outdated.

The following table has used the approach of "nearby a school". This includes all crashes within 100m of the perimeter of a school. The data may also differ slightly as some schools may have closed over the below time period and some new ones may have opened.

Children (5-17) Pedestrians and Cyclists injured outside schools by year, by Wellington region and New Zealand total		
Year	Wellington region	New Zealand total
2014	8	75
2015	11	76
2016	10	78
2017	10	92
2018	5	69
2019	8	76
2020	8	70
2021*	8	75
2022*	8	51
Total	76	662

It is important to note the following in relation to the information provided:

- Locations for schools was obtained from Land Information New Zealand website.
- This data is provided from the road traffic crash database; Crash Analysis System (CAS) version 2.2.5
- Waka Kotahi NZ Transport Agency maintains the Crash Analysis System which is updated once a Traffic Crash Report (TCR) is received from NZ Police sometime after the crash.
- Data is for all Death and Injury crashes for the years 2014 to 2022 as recorded in CAS to date - 29/08/2022.
- Data is limited to crashes within 100m of the perimeter of a school.
- Data is also limited to children 5 to 17 years old, and road user types Pedestrian, Skateboarder, Wheeled Pedestrian, and Cyclist.
- 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.
- 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 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 in December 2021. 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.
- 2021 and 2022 data is incomplete.