



OIA-12574 - [REDACTED]

Report produced by: 15/05/2023
Data extract date: 15/05/2023
Requester: [REDACTED]
Request: Could you tell me how many people were injured or died per the number of vehicles on the road [SH2 Waihi to Ōmokoroa] at that time instead of the distance of the road compared to the national average.
Source database: CAS
Report produced by: Wonsang Yu (Data Services)
Peer reviewed by: Boah Rasmussen (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 2.3.1
- Waka Kotahi NZ Transport Agency maintains CAS which is updated once a Traffic Crash Report (TCR) is received from NZ Police sometime after the crash.
- Table 1 Data is limited to crashes on State Highway 2 Waihi (Intersection with State Highway 25 Kenny Street) to Ōmokoroa (Intersection with Ōmokoroa road).
- Table 2 Data is limited to all crashes in New Zealand.
- Data is for all crashes and injuries for the years 2018 to 2022 as recorded in CAS to date - 15/05/2023.
- 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 increasing severity of the crash.
- There may be more than one injury in a crash, so the crash and injury tables may have different numbers.
- Crash severity is the severity of the worst injury in the crash.
- The cause of a crash cannot necessarily be attributed to any one factor (eg fatigue) as a crash may have multiple factors.
- Factors are counted once against a crash - i.e. two fatigued drivers count as one fatigue crash factor.
- 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.
- 2022 data is incomplete in CAS but this is current as at 15/05/2023.

For further information, please contact StatisticalAnalysis@nzta.govt.nz

This information must be read in conjunction with the Caveats on the first page of this spreadsheet

Table 1 Crashes on State Highway 2 from Waihi (intersection with State Highway 25 Kenny Street) to Ōmokoroa (intersection with Ōmokoroa Road)

Year	Fatal crashes	Serious crashes	Minor crashes	Non injuries crashes	Total crashes
2018	2	8	17	47	74
2019	1	12	19	47	79
2020	1	6	22	42	71
2021	2	8	19	35	64
2022*	1	6	14	25	46
Total	7	40	91	196	334

Injuries from crashes on State Highway 2 from Waihi (intersection with State Highway 25 Kenny Street) to Ōmokoroa (intersection with Ōmokoroa Road)

Year	Fatal	Serious injuries	Minor injuries	Total injuries
2018	2	12	28	42
2019	1	17	29	47
2020	1	6	29	36
2021	2	9	30	41
2022*	1	7	24	32
Total	7	51	140	198

* 2022 data is incomplete and is current from CAS as at 15/05/2023

Table 2 Crashes in New Zealand

Year	Fatal crashes	Serious crashes	Minor crashes	Non injuries crashes	Total crashes
2018	332	2 130	9 230	26 798	38,490
2019	298	2 142	9 313	25 165	36,918
2020	292	1 854	8 179	22 482	32,807
2021	285	1 983	8 506	23 307	34,081
2022*	335	2 086	8 489	14 564	25,474
Total	1,542	10,195	43,717	112,316	167,770

Injuries from crashes in New Zealand

Year	Fatal	Serious injuries	Minor injuries	Total injuries
2018	378	2,601	12,097	15,076
2019	350	2 506	12 238	15,094
2020	318	2 172	10 693	13,183
2021	318	2 317	10 936	13,571
2022*	372	2,474	11 177	14,023
Total	1,736	12,070	57,141	70,947

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Table 1

2018-2022* Crash Factors summary on State Highway 2 from Waihi (intersection with State Highway 25 Kenny Street) to Ōmokoroa (intersection with Ōmokoroa road)	
Crash Factor	Count
Alcohol and/or Drugs	88
Disabled, old age or illness	11
Failed to give way or stop	52
Fa igue	39
Incorrect lanes or position	78
Miscellaneous factors	23
Overtaking	9
Pedestrian factors	3
Poor handling	60
Poor judgement	31
Poor observa ion	98
Posi ion on Road	48
Road factors	34
Inappropriate Speed	46
Vehicle factors	21
Weather	9
TOTAL factors	650

Table 2

2018-2022* Crash Factors summary in New Zealand	
Crash Factor	Count
Alcohol and/or Drugs	33,419
Disabled, old age or illness	4,323
Failed to give way or stop	28,553
Fatigue	7,184
Incorrect lanes or position	39,454
Miscellaneous factors	11,369
Overtaking	2,943
Pedestrian factors	3,200
Poor handling	27,553
Poor judgement	21,148
Poor observation	56,609
Position on Road	16,112
Road factors	14,031
Inappropriate Speed	24,797
Vehicle factors	6,684
Weather	4,869
TOTAL factors	302,248

* 2022 data is incomplete and is current from CAS as at 15/05/2023

Factors are counted once against a crash - i.e. two fatigued drivers count as one fatigue crash factor.

Count is the number of crashes where that factor was a contributing factor to the crash. The Total is the sum of all the factors contributing to crashes. Because a crash may have multiple factors there will be more total factors than crashes resulting in factors totalling more than 100% of all crashes