

Report Date: 7/02/2024
Data extract date: 7/02/2024
Requester: [REDACTED]
Request:

Can you please supply data around the causes of fatal and non-fatal accidents for the 2023 calendar year.

This could be summarised, e.g. numbers caused by excessive speed, driver error etc. If you could deliver this information in an Excel spreadsheet, that would be very helpful.

You've supplied this previously for the 2019 year; the same format but with updated data would be perfect.

Source database: CAS
Report produced by: Data Services
Peer reviewed by: 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 2.6.2
- NZ Transport Agency Waka Kotahi (NZTA) 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 crashes in 2023 as recorded in CAS to date - 7/02/2024.
- 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.
- 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 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 NZTA receiving it from NZ Police. Serious Injury and Minor injury crash report data is usually recorded in CAS within 4 weeks. Data relating to non-injury crashes may take up to 7 months before it appears in CAS.
- 2023 data is not yet complete in CAS but these are the current figures from CAS as at 7/02/2024.

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

2023 Crashes					
Year	Fatal crashes	Serious crashes	Minor crashes	Non-injury crashes	Total crashes
2023*	297	2,058	8,404	10,537	21,296

* 2023 data is not yet complete in CAS but these are the current figures from CAS as at 7/02/2024.

Factors contributing to 2023 crashes					
Road safety factor groups	Fatal crashes	Serious crashes	Minor crashes	Non-injury crashes	Total
Alcohol and/or Drugs	160	913	1,831	1,639	4,543
Disabled, old age or illness	2	72	315	251	640
Failed to give way or stop	36	370	1,992	1,685	4,083
Fatigue	15	59	448	473	995
Incorrect lanes or position	38	330	1,647	2,430	4,445
Miscellaneous factors	41	138	450	897	1,526
Overtaking	9	66	133	175	383
Pedestrian factors	13	159	346	38	556
Poor handling	76	416	1,487	1,925	3,904
Poor judgement	29	285	1,044	1,376	2,734
Poor observation	36	486	2,688	3,149	6,359
Position on Road	98	297	828	954	2,177
Road factors	42	225	889	1,138	2,294
Inappropriate Speed	79	471	1,460	1,707	3,717
Vehicle factors	25	89	319	533	966
Weather	9	76	366	463	914
TOTAL factors	708	4,452	16,243	18,833	40,236

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

The numbers under the headings are the number of crashes where that factor was a contributing factor to the crashes of that severity. 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