

Report of Crash Data Quality December 2025

1. Introduction

This report will be issued monthly. Some measures will be reported every month whereas others will be reported every six months.

2. Routine Measures

This report contains some of the measures outlined in the document out of scope out of scope. Those measures not included in this report will eventually be contained in future reports.

Integrity

Measure 1a. The percentage of crashes in which the sum of the numbers of pedestrians and vehicles involved equals the number of parties in the crash. This will be reported every six months and the report was run on Monday 26 January 2026.

Result 99.4%.

Tolerance: 100%.

This measure is outside the tolerance.

Measure 1c. The percentage of drivers in crashes against whom alcohol above the limit or blood refused was coded, who had an alcohol reading above the limit or who refused to give a blood sample.

Result: 60% of all crashes.

Tolerance: 100% of drivers who had an alcohol reading above the limit or who refused to give a blood sample.

This measure is outside tolerance.

Currency

Measure 3a. For fatal crashes, the average time, in working days, between the first occurrence of a death (the death being one that is included in the official road death statistics) from a crash to the distribution of a fatal crash notification from the NZ Transport Agency for that crash during the last month (1 November to 30 November 2025). This is reported monthly.

Result: 1.05 working days (all but two crashes were notified within 1 working day) but there were 19 fatal crashes recorded in December 2025.

Tolerance: 90% of fatal crashes in the last month were notified within 1 working day of a death being reported.

This measure is outside tolerance.

Measure 3b. For all crashes, the time between the occurrence of a crash and the appearance of data for it in the CAS Reporting Application for 50% of crashes, 84% of crashes and 95% of crashes, over the last two years. This is reported every six months and the report was run on Tuesday 13 January 2026.

Result: This table shows the number of days for 50%, 84% and 95% of crashes to be available in CAS after the occurrence of a crash, by severity.

Severity	50%	84%	95%	Tolerance	Within Tolerance?
Fatal	2	4	18	95% within 7 days	No
Serious	3	10	23	95% within 30 days	Yes
Minor	3	11	31	95% within 30 days	No
Non-injury	177	216	246	95% within 180 days	No

Completeness

Measure 4. The percentage of mandatory columns that are fully populated. This is reported every six months and the report was run on Wednesday 14 January 2026.

Result: There are 85 columns which have been monitored, 84 of which are fully populated and 1 column (created by) where 99% of rows are NULL. Please see Appendix 2 for the detailed results.

Tolerance: All mandatory columns must be populated.

This result is outside tolerance.

3. Data Quality Issues

Here is a link to a list of known crash data quality issues:

out of scope

Changes made since October 2024 are highlighted in yellow.

4. Efforts Made to Improve Data Quality

The Crash Data Processing Team has cleared the backlog of non-injury crashes. Data for most non-injury crashes is now available in CAS within one month of the occurrence of a crash.

Appendix 1 – Derivation of Measures

Measure 1a is reported from an out of scope run against the Data Access Layer.

Measure 1c is reported from an out of scope run against the Data Access Layer.

Measure 3a is derived from a spreadsheet of fatal crashes.

Measure 3b is reported from an out of scope run against the Data Access Layer.

Measure 4 is reported from an out of scope run against the Data Access Layer.

Appendix 2 – Detailed Results of Completeness Report

Data Element	Percentage Null
recorded location	0
recorded location	0
is primary	0
direction from side road or feature	0
occurred at intersection	0

coded crash location	0
coded crash	0
gender	0
ethnicity	0
road user type	0
injury severity	0
hospitalised	0
coded crash personid	0
coded crashid	0
fatality preventable safety equipment used	0
Injury Cause	0
is dob unknown	0
is pedestrian	0
Hit By	0
Role Number	0
coded crash passenger	0
coded crash person	0
coded crash vehicle	0
restraint used	0
coded crash driverid	0
driver contribution code	0
is unknown	0
vehicle type	0
Has No Plates/Unknown	0
isRegistrationPlateUnknown	0
WoF/CoF	0
damage Severity	0
general damage area	0
vehicle usage	0
vehicle load	0
is Load Secured	0
too fast for conditions	0
state before crash	0
direction of travel	0
Under Run Protection	0
Did no under run protection contribute to the severity of the crash	0
Crash Risk Reduced By Additional Reflector	0
coded crash vehicleid	0
coded crashid	0
hasModificationsYesNoUnknownTypeid	0
is over dimension	0
crash diagram	0
road type code	0

road curvature typeid	0
road markings	0
rail crossing type	0
road gradient type	0
road surface type	0
primary surface condition	0
natural light type	0
street light status	0
junction	0
traffic control	0
weather condition A	0
weather condition B	0
special purpose lane	0
movement code	0
is impacted in crash	0
coded crash id	0
tcr crash identifier	0
tcr timestamp	0
is peer review	0
is exercise	0
created by	99
crash time unknown	0
crash severity	0
police event	0
police attended	0
created date time	0
cviu attended crash	0
currently unlocatable	0
is orphaned	0
is Legacy	0
latest processing status	0
is weekend	0
object version	0
is complex crash	0
isVehicleFaultyYesNoUnknownTypeid	0
driver contribution type	0
territorial local authority	0
suburb/locality	0