NZ TRANSPORT AGENCY
WAKA KOTAHI

OIA-16384

Report date:	23 September 2024
Data extract date:	23 September 2024
Question:	*I am doing a research project on animal crossings. [...] I also need to gather information and statistics about road related animal deaths. [...]*

Requestor:	s9(2)(a)
Source database:	Crash Analysis System (CAS)
Created 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 2.11.1.

- NZ Transport Agency Waka Kotahi (NZTA) maintains CAS which is updated once a Traffic Crash Report (TCR) is received from New Zealand Police sometime after the crash.

- Data is for all crashes for the years 2014 to 2024 as recorded in CAS to date - as at 23 September 2024.

- Data is limited to all crashes involving domestic, wild and/or farm animals.

- While we can report on crashes involving animals, this data contains crashes where:

  - an animal may not have had impact with the vehicle, or

  - an animal may not have died as a result of the crash.

- 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 (for example, 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 NZTA receiving it from New Zealand 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 seven months before it appears in 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.

- Due to the COVID-19 pandemic, New Zealand 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.

- 2023 and 2024 data is not yet complete in CAS but these are the current figures from CAS as at 23 September 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

2014-2024* Crashes involving animals					
Crash year	Fatal crashes	Serious injury crashes	Minor injury crashes	Non-injury crashes	Total crashes
2014	1	12	36	286	**335**
2015	2	10	32	249	**293**
2016	2	11	48	329	**390**
2017	1	11	44	314	**370**
2018	1	12	52	277	**342**
2019	2	10	52	302	**366**
2020	3	10	67	301	**381**
2021		10	56	358	**424**
2022	1	13	57	275	**346**
2023*	2	10	52	249	**313**
2024*		6	33	30	**69**
Totals	**15**	**115**	**529**	**2,970**	**3,629**

* 2023 and 2024 data is not yet complete in CAS, but these are the current figures from CAS as at 23 September 2024.