



OIA-13725 - [REDACTED]

Report produced by: 28/09/2023

Data extract date: 28/09/2023

Requester: [REDACTED]

Request: Under the Official Information Act 1982, I wish to seek the following information:

How many motorbike accidents have been caused by potholes, or have had potholes as a contributing factor, each month for the past two years?
How many deaths and serious injuries have there been as a result of these accidents?

Where information is withheld, I request that you provide the title and date of the communication/document withheld, the reason for refusal, and the grounds in support of that reason as required by section 19(a) of the Official Information Act.

Source database: CAS

Report produced by: Wonsang Yu (Data Services)

Peer reviewed by: Paul Phipps (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 2.6.0
- 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.
- Data is for all crashes involving a motorbike for the years 2021 to 2023 as recorded in CAS to date - 28/09/2023.
- Data is limited to crashes where "Road surface potholed" was a contributing factor in CAS.
- Data is limited to vehicle type 'Motorcycle' and 'Moped'.
- Crash severity is the severity of the worst injury in the crash. There may be more than one injury in a crash, so the crash and injury tables may have different numbers.
- 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.
- Fatal, Serious Injury and Minor injury crash report data is usually recorded in CAS within one working day of Waka Kotahi receiving it from NZ Police. Data relating to non-injury crashes may take up to 7 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.
- 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.

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

All crashes involving a motorbike and where "road surface potholed" was a contributing factor						
Crash year	Month of year	Fatal crashes	Serious Crashes	Minor Crashes	Non Injury Crashes	Total crashes
2021	January		1	1		2
	February		1			1
	March			1		1
	April				1	1
	May					0
	June				1	1
	July				1	1
	August					0
	September					0
	October					0
	November					0
	December					0
2022*	January		1			1
	February		3			3
	March			1		1
	April		1	1		2
	May					0
	June					0
	July			1		1
	August				1	1
	September					1
	October			1	1	2
	November			1		1
	December				1	1
2023*	January			1		1
	February		2			2
	March					0
	April					0
	May					0
	June					0
	July			1		1
	August				1	1
	September					0
Totals		0	13	10	3	26

* 2022, 2023 data is incomplete and is current from CAS as at 28/09/2023

Injuries from crashes involving a motorbike and where "road surface potholed" was a contributing factor						
Crash year	Month of year	Deaths	Serious injuries	Minor injuries	Total injuries	
2021	January		1	1	2	
	February		1		1	
	March			1	1	
	April					0
	May					0
	June					0
	July				1	1
	August					0
	September					0
	October					0
	November					0
	December					0
2022*	January		1		1	
	February		3		3	
	March				1	1
	April		2	1	3	
	May					0
	June					0
	July			1	1	2
	August			1	1	2
	September					0
	October			1	3	4
	November			1		1
	December				1	1
2023*	January			1	1	
	February		2	1	3	
	March					0
	April					0
	May					0
	June					0
	July			1		1
	August				1	1
	September					0
Totals		0	14	14	28	