

23 September 2024

s9(2)(a)

[Redacted]

REF: OIA-16320

Dear s9(2)(a)

**Request made under the Official Information Act 1982**

Thank you for your email of 23 July 2024 requesting the following information under the Official Information Act 1982 (the Act):

*For the city Hamilton, for the period between 31/06/2023 to 1/07/2024:*

- *Top 5 intersections that have the most vehicle crashes (including one vehicle crash). Please also include the total number of crashes that occurred at each intersection.*
- *Number of crashes occurred at roundabouts*
- *For each month, total number of crashes*
- *Total number of deaths as a result of crashes*
- *Total number of serious injuries as a result of crashes*

On 6 September 2024 you refined your request to:

*Information on the top 5 high-risk intersections in Hamilton City and provide information on all crashes for 2023/24 at these sites.*

*However, if possible, I'd like a copy of all high-risk intersections identified using the 2023/24 data.*

High-risk intersections have been based on collective risk (using data for a five-year period from 2018 to 2022), which in this case represents the number of deaths and serious injury (DSI) equivalents per intersection per year.

Assessing the collective risk of intersections is based on the equivalent number of DSIs using DSI severity indices to include consideration of the total number of injury crashes reported. DSI severity indices represent the average number of people killed and seriously injured for every reported injury crash.

This provides a statistically more accurate perception of injury risk level at an intersection. This is due to the relatively low number of fatal and serious crashes that occur at individual intersections. The following document falls within the scope of your request and is enclosed:

- Attachment 1 – High risk intersections Hamilton 16 Sept 2024.

The data in the above document should be read in conjunction with the caveats on the first page of the spreadsheet.

Further information on DSI severity is available on our website at:

<https://www.nzta.govt.nz/safety/partners/speed-and-infrastructure/speed-and-infrastructure-documents/calculating-dsi-equivalents>

In line with NZ Transport Agency Waka Kotahi (NZTA) policy, this response will soon be published on our website, with personal information removed.

If you would like to discuss this reply with NZTA, please contact Natasha Utting, Media Manager, by email at [natasha.utting@nzta.govt.nz](mailto:natasha.utting@nzta.govt.nz)

Yours sincerely



**Galina Mitchelhill**

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