

# Injury and Fatality Collisions - Open Data Catalogue

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## Recommendation

That the January 30, 2019, City Operations report CR\_6604, be received for information.

## Previous Council/Committee Action

At the October 31, 2018, Community and Public Services Committee meeting, the following motion was passed:

That Administration provide a report outlining how the City's Open Data catalogue can include specific information regarding injury and fatality collisions, including but not limited to speed data.

## Executive Summary

This report outlines the restrictions associated with publishing detailed fatality and serious injury collision data to the Open Data Portal.

All collision data is owned by the Province of Alberta and the use of this data is governed by the *Traffic Safety Act* (TSA). The City of Edmonton is authorized to use collision data for the "...purposes of improving traffic circulation or the management of roadways," but is only permitted to publish this data in aggregate form.

Disclosure of aggregate data also meets the requirements of the *Freedom of Information and Protection of Privacy Act* to protect personal information.

To remain compliant with the *Traffic Safety Act*, the details of a particular collision, such as whether or not speed was a factor, cannot be made public via the Open Data Portal or any other forum.

## Report

The City of Edmonton is committed to improving safety on all of its transportation networks and achieving the goal set out in Vision Zero: zero fatalities and serious injuries on roadways. This work is grounded in an evidence-based approach that uses a variety of sources of data, including collision data, to identify effective safety countermeasures to eliminate traffic fatalities and serious injuries in Edmonton.

### Open Data

On April 14, 2015, City Council adopted the Open City Policy (C581) to formalize the City's commitment to the open government principles of transparency, participation, collaboration, inclusiveness, and innovation. The City's open data can be accessed via the Open Data portal at [data.edmonton.ca](http://data.edmonton.ca). Administration currently publishes the following traffic safety-related data through the Open Data Portal:

- intersection collisions;
- mid-block collisions;
- traffic injury information;
- scheduled automated traffic enforcement locations including data and spatial information.

At the Canadian Open Data Summit (November 2018) in Niagara, Ontario, Administration was awarded the Open Data Impact Award. The award recognized the groundbreaking Traffic Safety Speed Reporting Framework, which incorporates data from Driver Feedback Signs and Speed surveys with other open data on collisions, injuries, and automated enforcement data. This increase in open data reflects the growing maturity of evidence-driven approaches that help inform Administration and the public.

### Provincial Collision Data

All collision data is owned by the Province of Alberta as set forth by the TSA. The City of Edmonton is permitted to use the collision data in accordance with the criteria set out in the TSA, including:

- Section 11(2.1)(b) - allows the Registrar (Assistant Deputy Minister of Safety, Policy and Engineering Division, Alberta Transportation) to release collision information to a road authority for the purposes of improving traffic circulation or the management of roadways.
- Section 10(2) - states "... no report, statistics or other information published under subsection (1) shall contain any particulars that any person could identify as relating to any specific person or accident unless the previous consent in writing of the person, or if more than one person, of all of them, has been obtained for release of the information."

To protect the identity of persons involved in traffic collisions, and in compliance with section 10(2) of the TSA, the City is unable to release data that represents less than five individual data points for one specific location and specific year. However, it is acceptable to share aggregated data for five years or more, even if the aggregate represents less than five individual data points.

Given this criteria, the City of Edmonton is not permitted to publish detailed data on individual fatalities and serious injuries. Rather, this data may only be published in aggregate form.

To address the need for Edmontonians to be informed about traffic fatalities and serious injuries, and remain in compliance with the TSA, Administration publishes an Annual Motor Vehicle Collision Report on edmonton.ca. This report includes statistics on the number of fatalities and serious injuries that occur in Edmonton, along with data regarding collision causes, temporal patterns and demographics.

Administration also publishes an Annual Vision Zero Report which provides additional information relating to fatalities and serious injuries and the actions the City has implemented to reduce these collisions. The annual Vision Zero report is also published on edmonton.ca.

### Corporate Outcomes and Performance Management

Corporate Outcome(s): Edmonton is a Safe City				
Outcome(s)	Measure(s)	2017 Targets	2017 Results	2018 Targets
The City of Edmonton's Road Safety Strategy - Vision Zero Targets	Fatalities	20	27	19
	Serious Injuries	325	341	300
	Collision Injuries/per 1000 Population	3.3	3.6	3.2
	Collisions at Intersections/per 1000 Population	14.5	14.9	14.2

### Others Reviewing this Report

- T. Burge, Chief Financial Officer and Deputy City Manager, Financial and Corporate Services
- C. Owen, Deputy City Manager, Communications and Engagement