

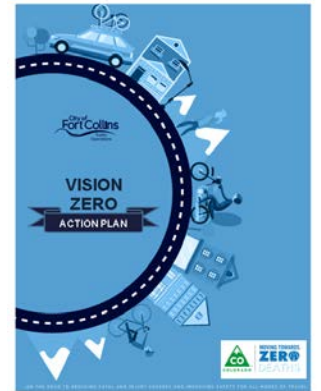
# Executive Summary

## Roadway Safety Matters

The City of Fort Collins strives to provide a safe and efficient transportation system for people using all modes of travel. Safety for roadway users is a top priority and in 2016 the City became the first public local entity to join the Colorado Department of Transportation (CDOT) Moving Towards Zero Deaths initiative.



Making progress towards Zero Deaths requires a comprehensive and focused effort by multiple departments within the City, the community and individuals to be dedicated to and responsible for roadway safety. A **Vision Zero Action Plan** is a companion document to this report and is in the process of being finalized in 2019. The Action Plan outlines specific strategies to support reducing the number and severity of crashes.

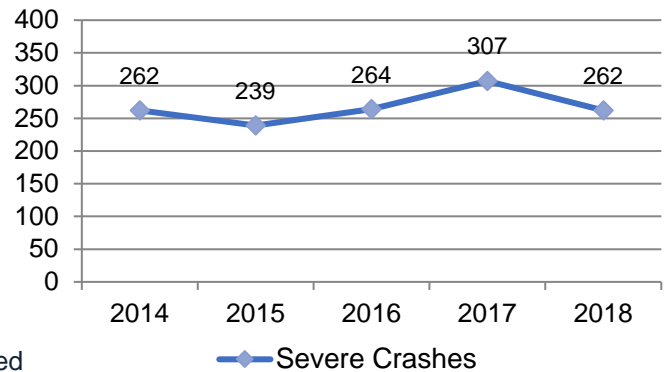


This report is a detailed review of the City's roadway safety. It includes overall data, crash type analysis, specific location evaluation and trends. The report has been created for a number of years and serves to benchmark progress.

The data presented in this report shows that the City's fatal collision rate remains low when compared to similar Colorado cities, as well as peer cities nationwide. Regardless, during 2018 there were still 253 crashes involving a non-incapacitating or incapacitating injury, and 9 individuals lost their lives as a result of a traffic crash. The societal cost of these crashes was \$165 million dollars.

### Overall Crash Numbers

There were 3,803 reported traffic crashes in 2018. This continues a general downward trend in total crashes, and severe crashes are down 15% in the past year. Almost 80% of all crashes do not result in any injuries (property damage only).



### Crash Locations

Almost 75% of all crashes occur at intersections and/or driveways. Almost half of all crashes (49%) occur at signalized intersections.

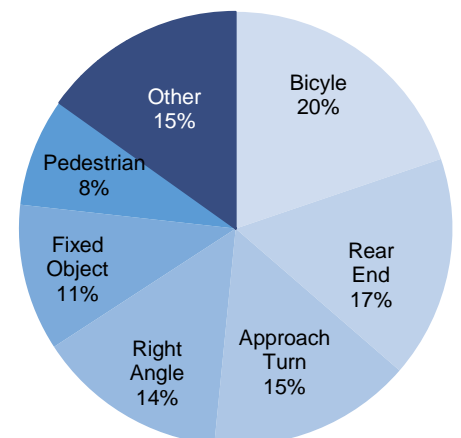
### Crash Types

For severe crashes, 85% are the result of one of six types of crashes as shown at right. Each crash type is reviewed in more detail in the report.

### Crash Trends

In the past year there are several encouraging trends:

- Severe crashes are **down 15%**
- Bike crashes are **down 23%**, and motorcycle crashes are **down 16%**



Severe crashes by type

- Approach turn crashes are **down 25%**, and severe approach turn crashes are **down 10%**

Areas of concern include:

- Pedestrian crashes are **up 8%**, and severe pedestrian crashes **jumped 53%** in 2018 (but are still lower than in 2015 and 2016).
- DUI crashes are **up 15%**
- Severe right-angle crashes are **up 16%**

## Notable Statistics

Rear end crashes make up nearly half (43%) of all crashes, but most are minor crashes (only 3% of all rear end crashes are severe crashes).

Driving Under the Influence (DUI) crashes represent 4% of all crashes, 12% of severe crashes, and 25% fatal crashes. Drivers below the age of 35 are significantly over-represented in alcohol related crashes.

Teenagers represent 5% of all drivers but are responsible for 15% of all crashes.

Eighty-nine percent (89%) of bike crashes occur at intersections or driveways, 86% of bike crashes occur at a location that involves an arterial, and 23% of bike crashes involve cyclists riding against traffic.

Eighty-five percent (85%) of all reported pedestrian crashes involve some level of injury or fatality.

## Intersection Evaluations

Traffic Operations staff is using the approach detailed in the national Highway Safety Manual (HSM) to evaluate more than 250 intersections to identify locations that have higher than expected crash frequency, and those with identified crash types and/or trends. The evaluation is done every year, and the report includes a section on intersections with the greater increasing or decreasing crash frequency. The information is used to target intersection improvements.

## Improving Roadway Safety

Improving roadway safety involves both big and small initiatives and involves road users, vehicles, infrastructure, technology and emergency response. The strategies for improved safety are detailed in the Roadway Safety Report's companion document, the Vision Zero Action Plan. There are several intersections that saw significant safety improvements following large capital and smaller low-cost projects.

**47%** reduction in total annual crashes and **82%** reduction in left turn crashes at Snow Mesa and Harmony

**27%** reduction in annual crashes at College / Prospect after completion of the intersection improvement project.