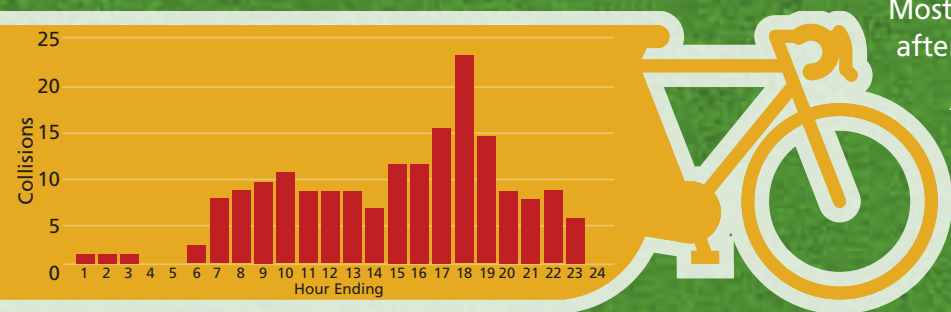


## Bicycle Collisions

In 2013, 177 collisions involving bicycles led to one fatality and 176 injuries. Bicycle collisions occurred throughout the city, on roads with established cycling facilities (signs, sharrows, or separate lanes) and on roads without specific cyclist facilities.

Approximately 45% of all bicycle collisions are deemed to be the fault of the cyclist, with the other 55% deemed the fault of the motorist. The majority of bicycle collisions occurred in the summer months (July to September), with July and August being the peak months. Most bicycle collisions occur in the afternoon peak hours.

Approximately 27% of cyclists involved in collisions were 18 years old or younger, while cyclists 19 – 24 years of age made up 18% of those involved in collisions.



## Motorcycle Collisions

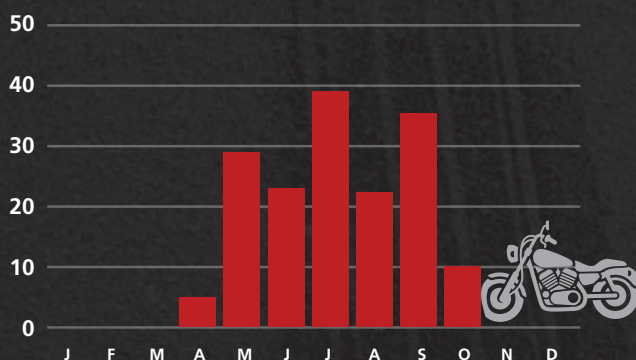
The 163 collisions involving motorcycles that occurred in 2013 resulted in 122 injuries and 2 fatalities. These collisions occurred exclusively in the warmer months, between April and October.

The profile of motorcycle collisions by hour of day was similar to that of overall collisions, but there was a higher proportion of motorcycle collisions during weekend hours; 37% of motorcycle collisions happen between 6:00 PM Friday evening and 6:00 AM Monday morning, whereas only 26% of overall collisions happened over the same time.


Motorcycle collisions are dispersed throughout Edmonton and there were no more than two collisions at any one location.

The causes of motorcycle collisions include followed too closely, left turns across the path of oncoming traffic, and changing lanes

improperly. However, losing control of the motorcycle and running off the road was the listed cause in 25% of all injuries to motorcyclists.



\*For more information, including annual collision reports please visit [www.edmonton.ca/trafficsafety](http://www.edmonton.ca/trafficsafety).

 @YEGSafeTraffic

# 2013 Vulnerable Road User Collisions





## Drivers who use Edmonton's roads do so while protected by a rigid vehicle chassis and sophisticated security features like roll bars and air bags.

However, vulnerable road users — pedestrians, cyclists, and motorcyclists — do not have the same protections and, when involved in a collision, sustain severe and sometimes life-ending injuries at a far greater rate than vehicle occupants. In 2013, 132 of the 437 major injuries sustained and 9 of the 23 people who died as a result of traffic collisions on Edmonton's roads were vulnerable road users. Read on to find out more about vulnerable road users involved in collisions in Edmonton.\*



### Vulnerable Road User Collision Hotspots

#### Pedestrian

★ 144 Avenue NW & 66 Street NW 5 collisions

#### Bicycle

◆ 118 Avenue NW & 81 Street NW 3 collisions

#### Motorcycle

● 39 Avenue NW & 99 Street NW 2 collisions  
● 82 Avenue NW & 105 Street NW 2 collisions  
● 82 Avenue NW & 96 Street NW 2 collisions  
● Jasper Avenue & 109 Street NW 2 collisions



#### Pedestrian

● 2 collisions  
◆ 3 collisions  
★ 5 collisions



#### Bicycle

◆ 3 collisions  
● 2 collisions

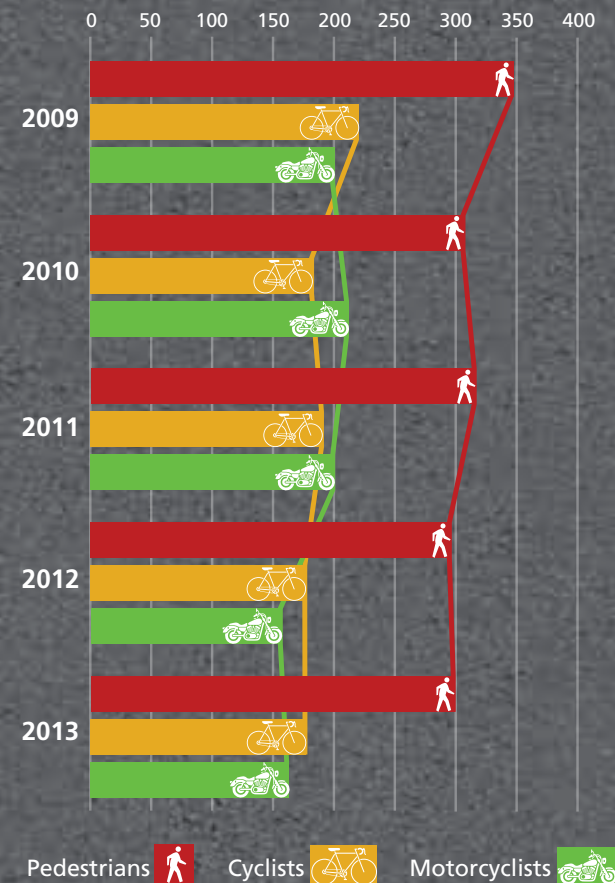


#### Motorcycle

● 2 collisions

## Trends in Vulnerable Road User Collisions

There has been a downward trend in vulnerable road user involved collisions despite continued increases in population. However, the absolute numbers of vulnerable road user collisions are still at a high level of more than 600 per year. Pedestrian collisions have declined from a 5-year high of 347 collisions in 2009, but there were still 298 pedestrian-involved collisions in 2013. Collisions involving cyclists have also decreased from 220 in 2009 to 177 in 2013. Motorcycle collisions have also decreased from a 4-year high of 211 in 2010 to 163 in 2013.



## Pedestrian Collisions

Each of the 298 collisions involving pedestrians that occurred in 2013 resulted in injury or fatality. Collisions involving pedestrians occurred throughout the city, although there were more collisions in the downtown core and along popular pedestrian shopping and nightlife areas.

Pedestrian collisions were most common in the months from September to November, accounting for 34% of total pedestrian collisions in 2013. Pedestrian collisions were also more likely to occur during the hours of 4:00 PM to 5:00 PM.

Pedestrians involved in collisions in 2013 were of all ages, however the largest age groups were 19 to 24 and 25 to 34, collectively making up 38% of all pedestrian collisions.

