

# Traffic Collision Annual Report 2014

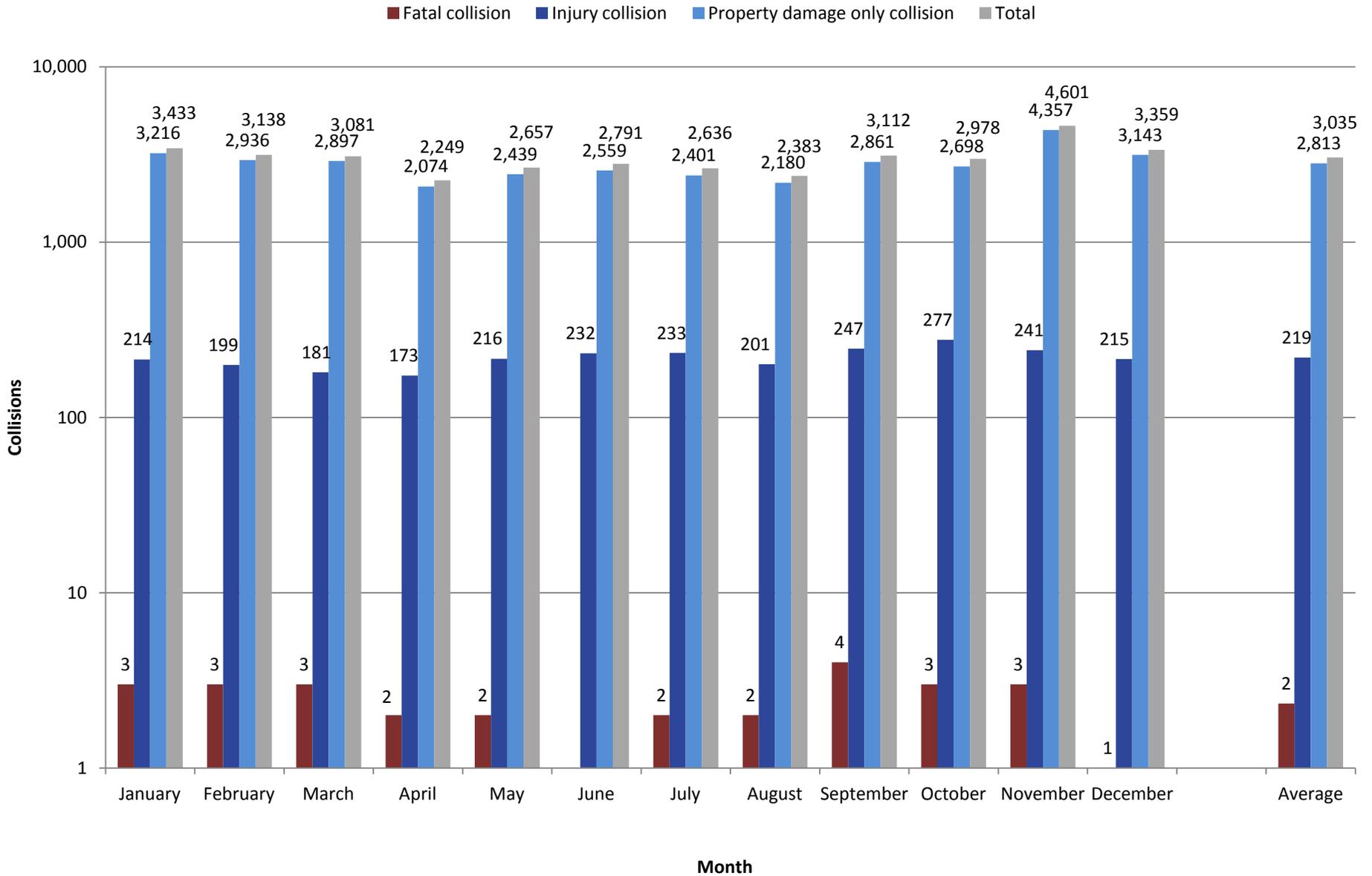
## Selected Figures

Transportation – Transportation Planning - Data

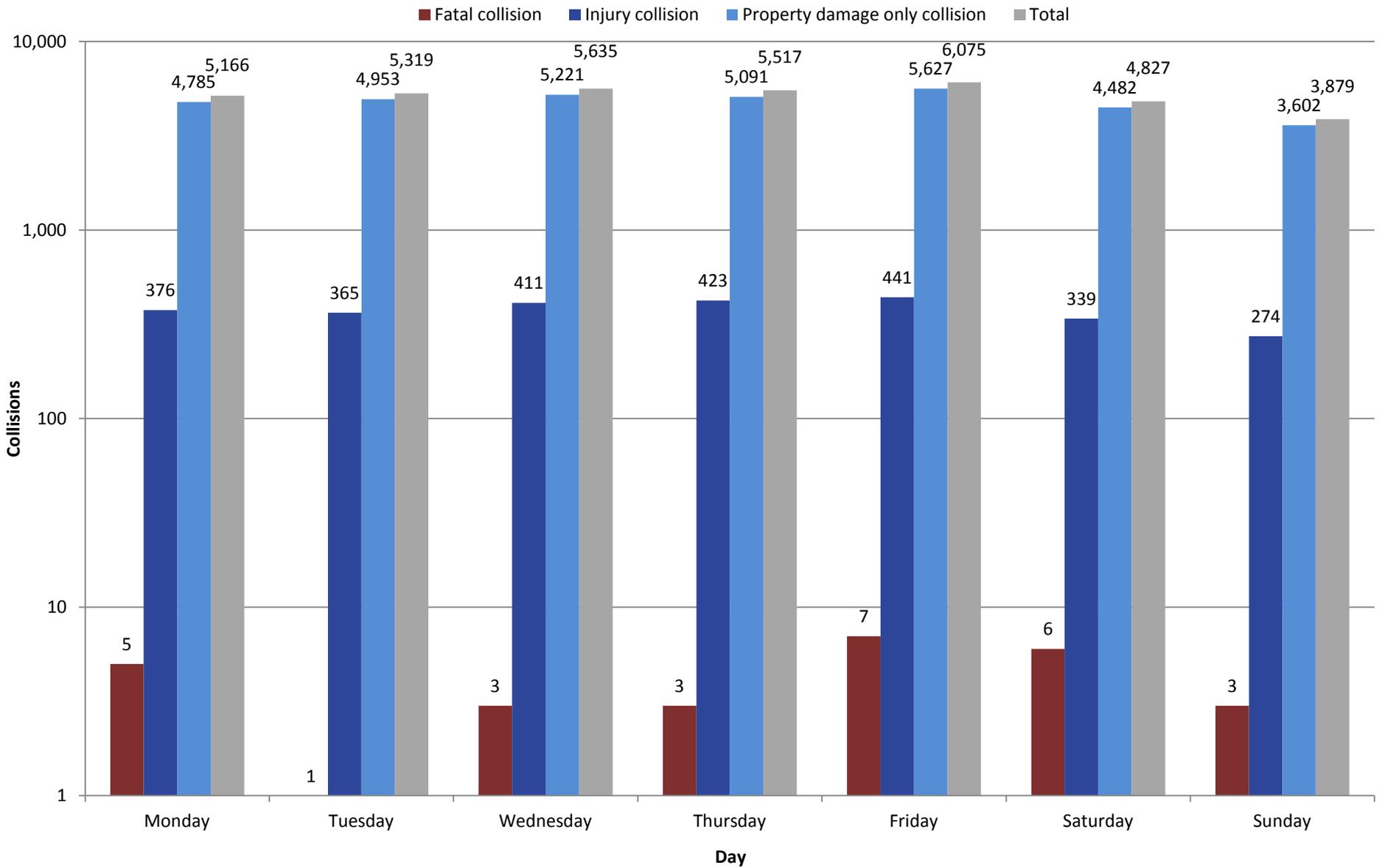
The City of Calgary

November 18, 2015

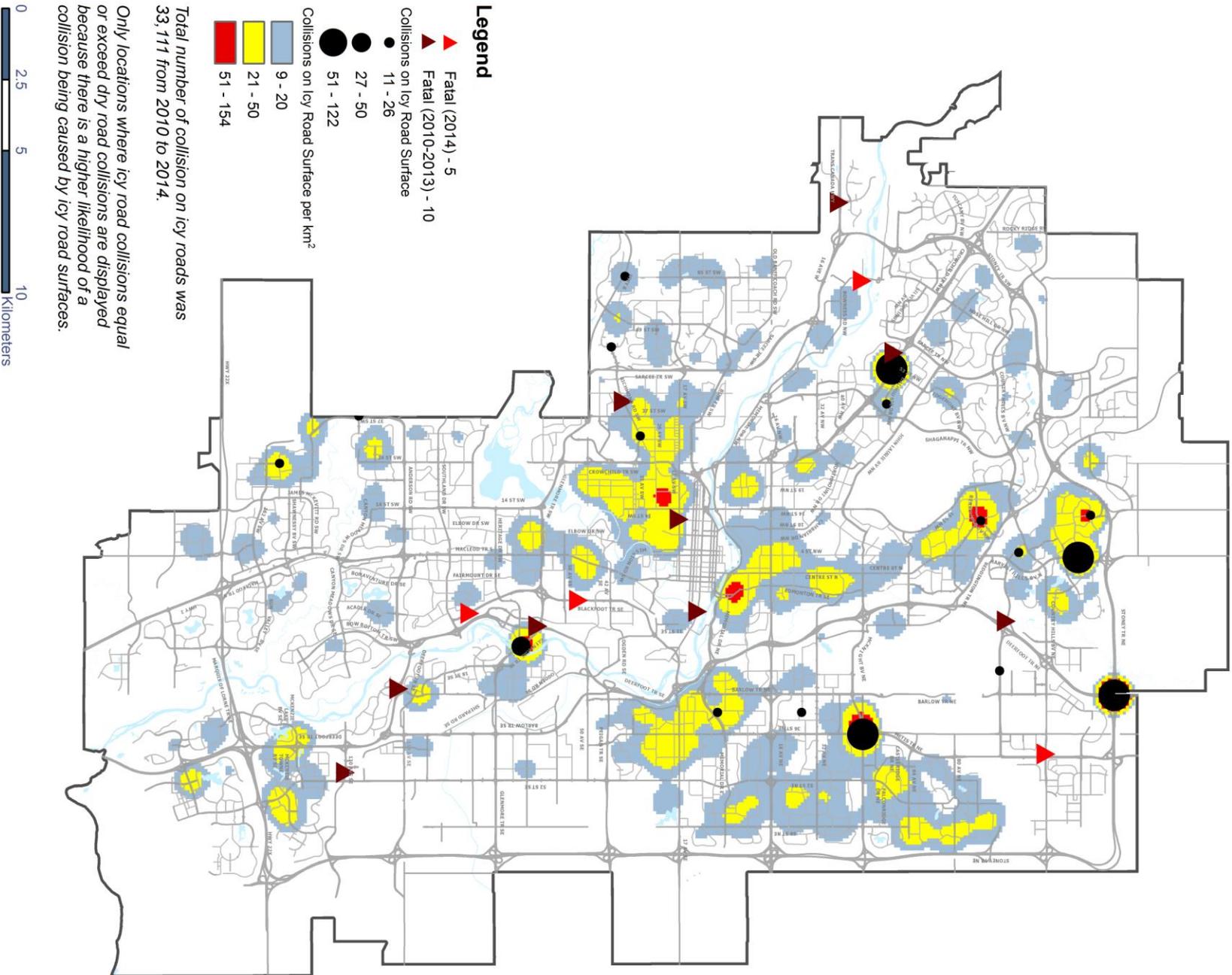
**Figure 2.5 Reported collisions on roadways by severity and month - 2014**



**Figure 2.6 Reported collisions on roadways, by severity and day of week - 2014**



Map 2.1 Collision Density on Icy Road Surfaces: 2010-2014



Total number of collision on icy roads was 33,111 from 2010 to 2014.

Only locations where icy road collisions equal or exceed dry road collisions are displayed because there is a higher likelihood of a collision being caused by icy road surfaces.

Section 4 examines collision statistics related to vulnerable road users: pedestrians, cyclists, and motorcyclists.

**Figure 4.1 Vulnerable users involved collision rate: 2005 - 2014**

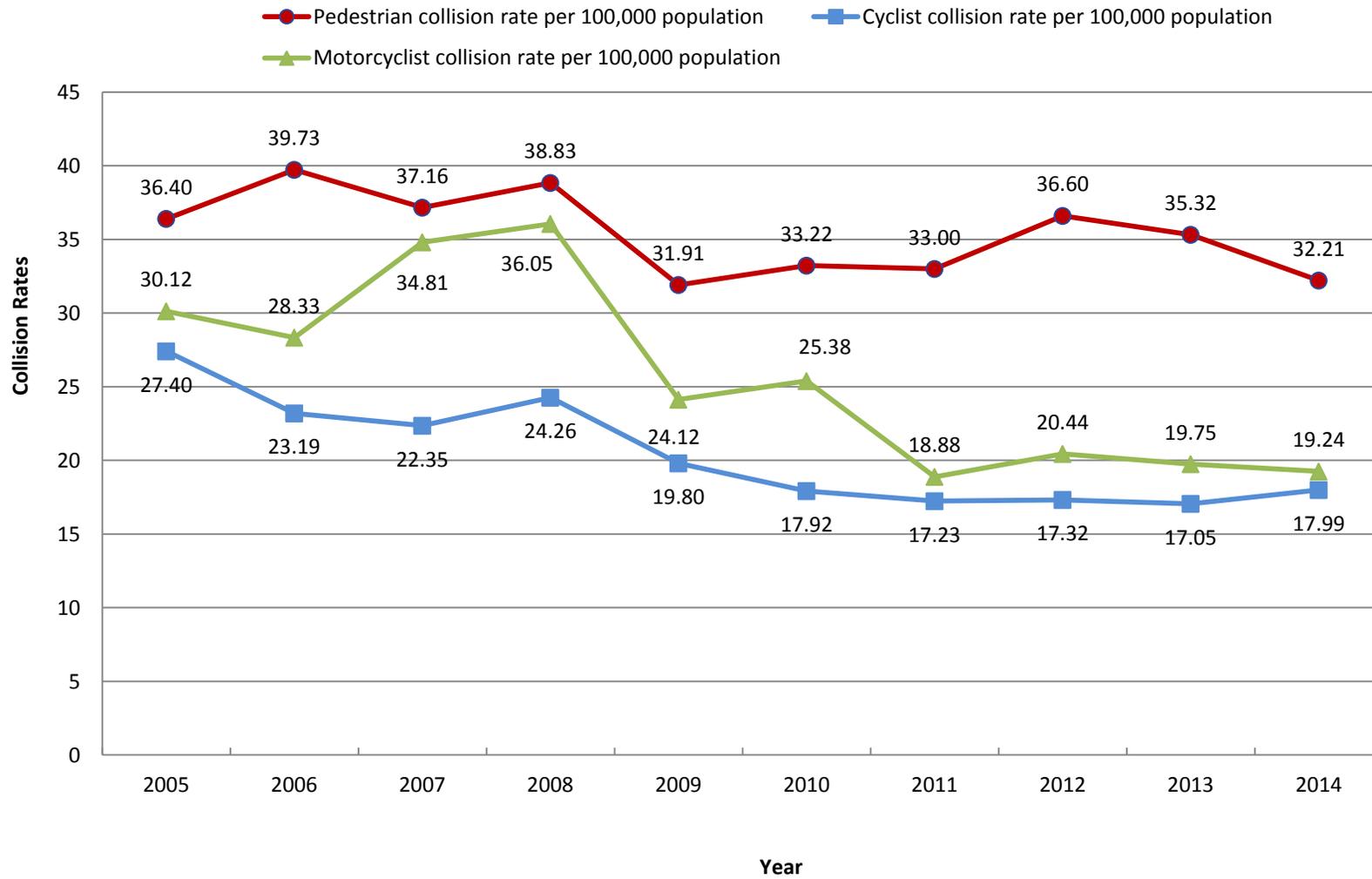
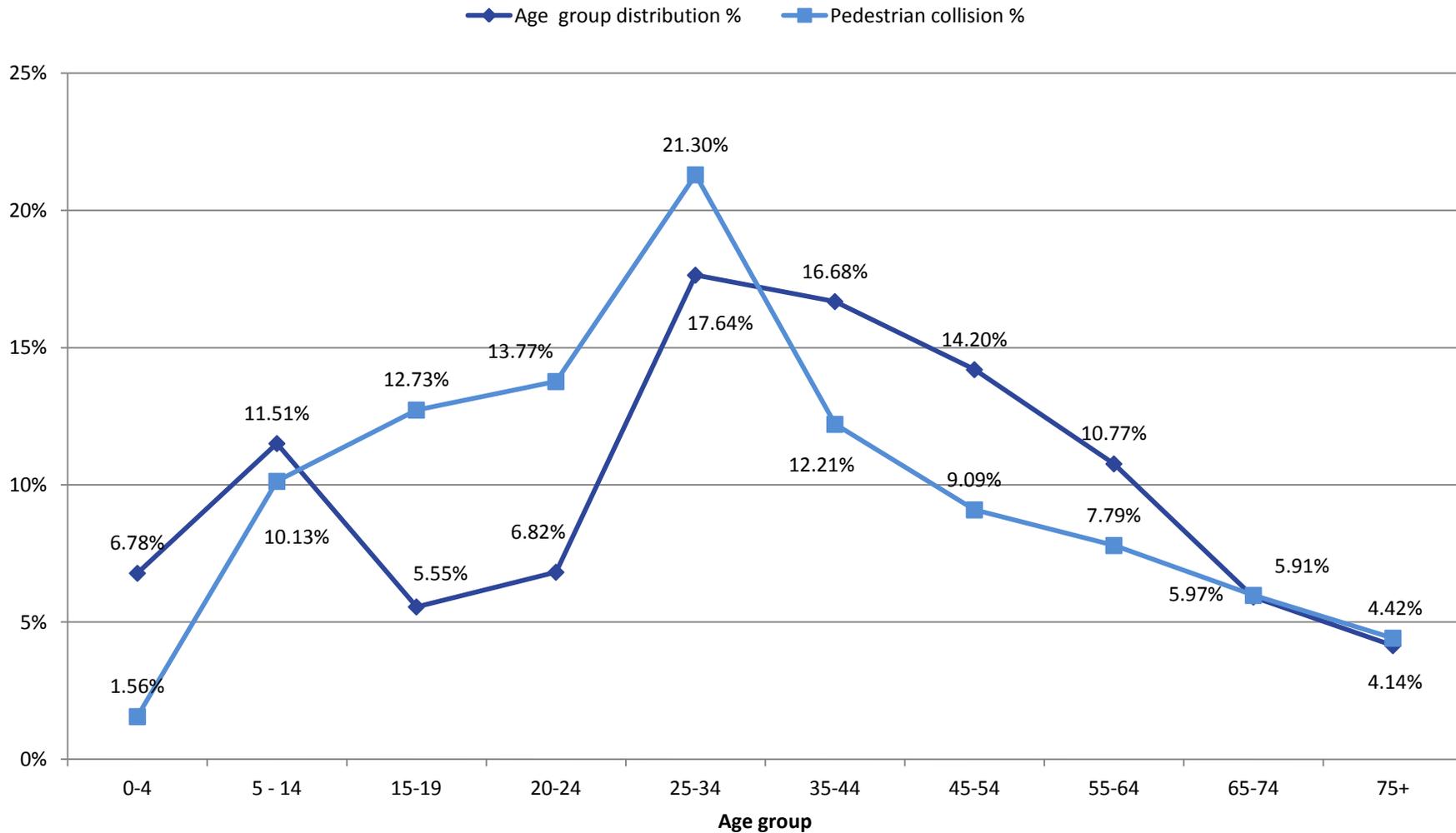
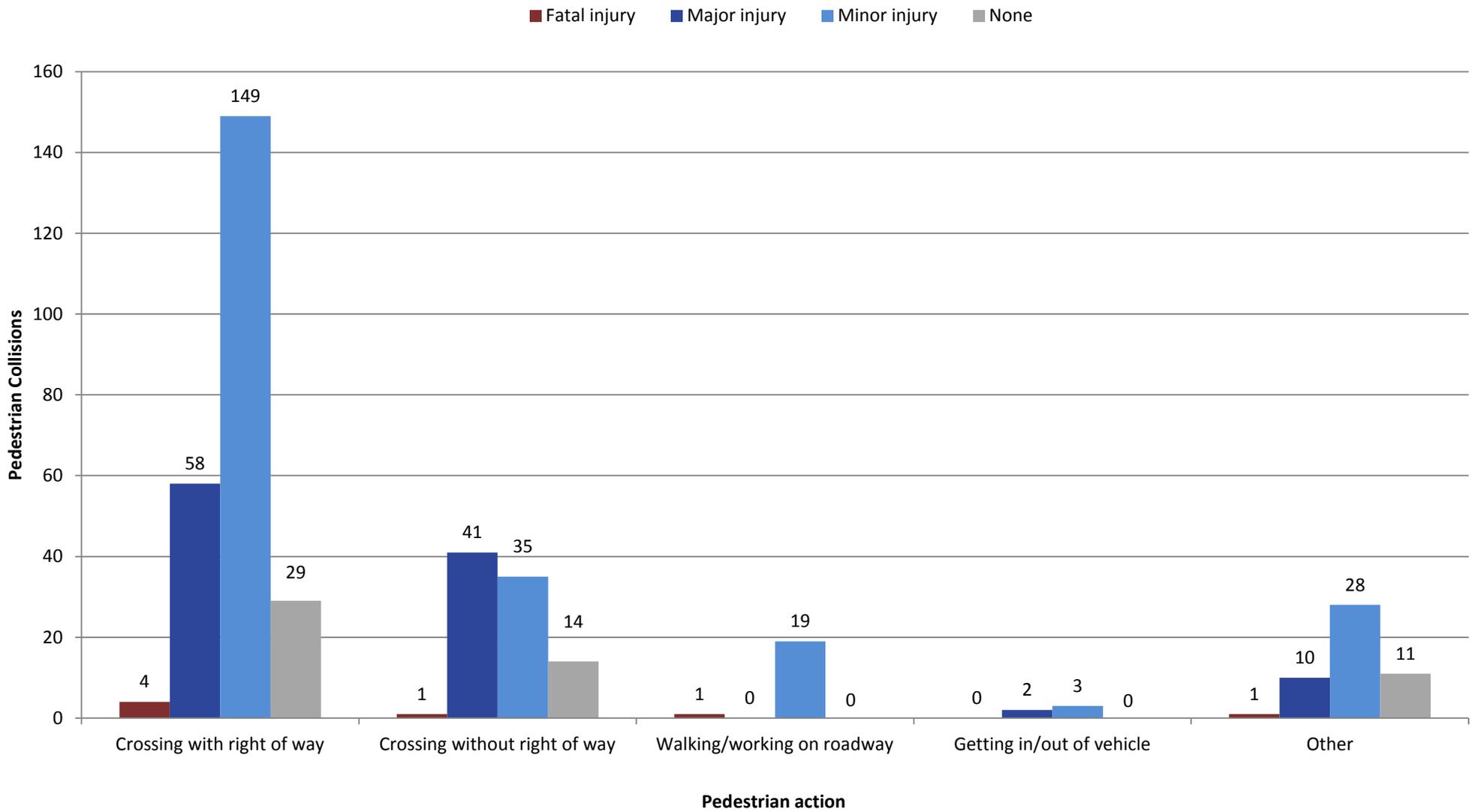


Figure 4.7 outlines the age distribution percentage and pedestrian collision distribution percentage in Calgary in 2014. In the age groups of 15 – 34, more individuals are involved in pedestrian collisions than would be normal for the current age distribution. The same can be said for the age groups of 65 – 75+ where individuals involved in pedestrian collisions are slightly higher than their age distribution. The age groups of 15 – 24 are traditionally higher risk groups for involvement in pedestrian collisions.

**Figure 4.7 Calgary age group distribution and pedestrian collision distribution - 2014**

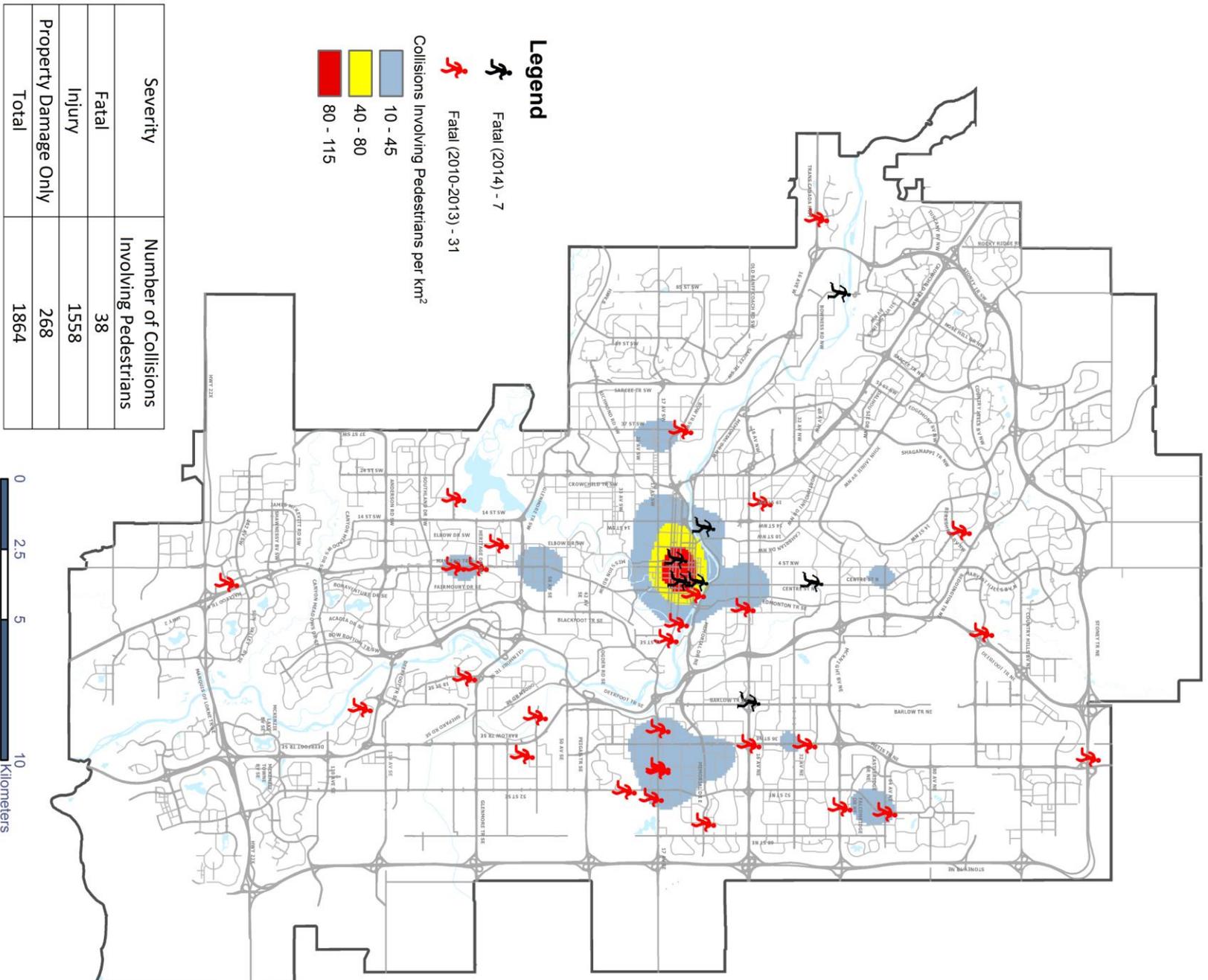


**Figure 4.8 Pedestrians Involved in Collisions, by Pedestrian Action and Severity\* - 2014**

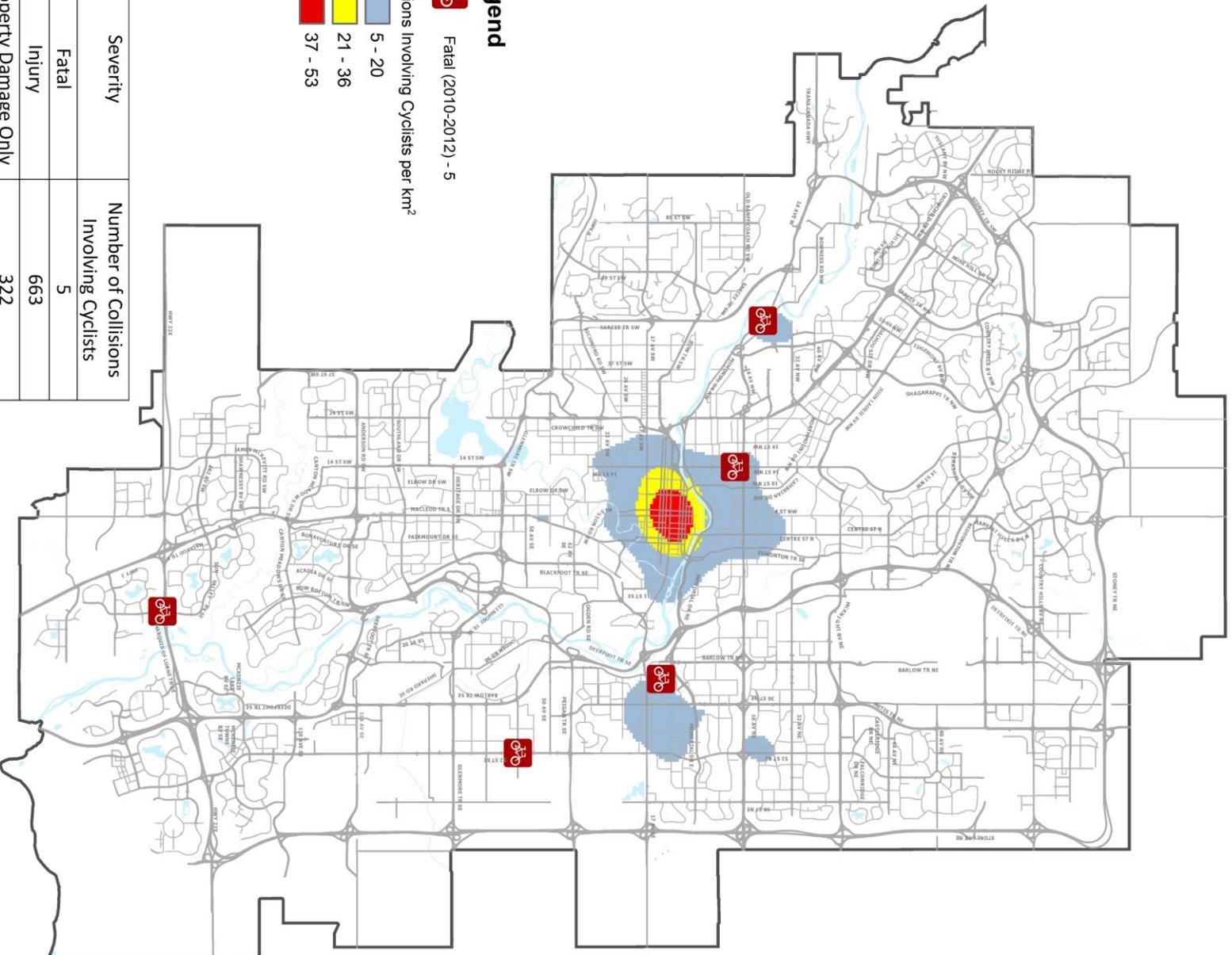


\*4 'Unknown' pedestrians were excluded from this figure.

Map 4.1 Pedestrian Involved Collision Density: 2010-2014







**Legend**

 Fatal (2010-2012) - 5

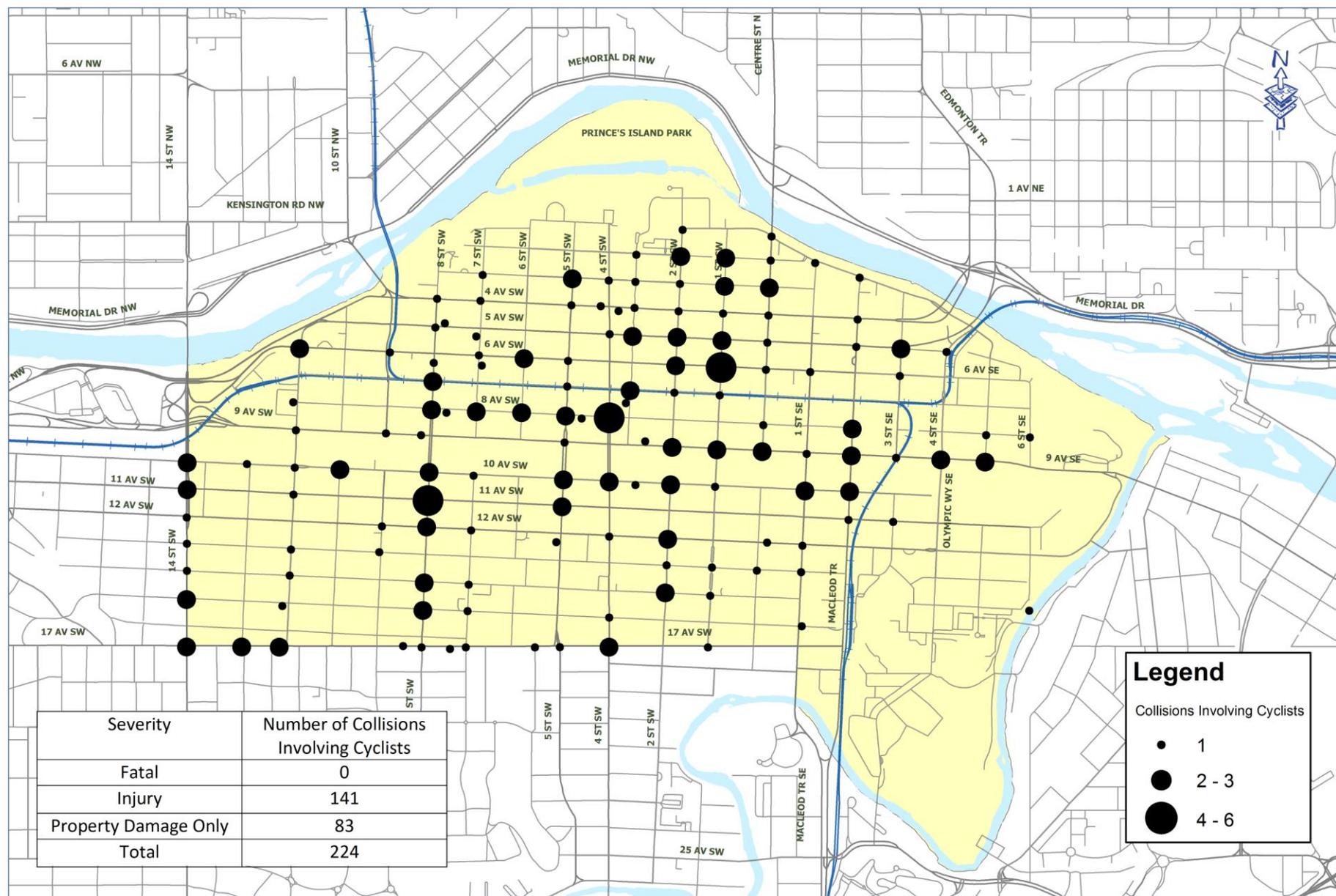
Collisions Involving Cyclists per km<sup>2</sup>

-  5 - 20
-  21 - 36
-  37 - 53

Severity	Number of Collisions Involving Cyclists
Fatal	5
Injury	663
Property Damage Only	322
<b>Total</b>	<b>990</b>



# Map 4.4 Centre City Collisions Involving Cyclists: 2010-2014



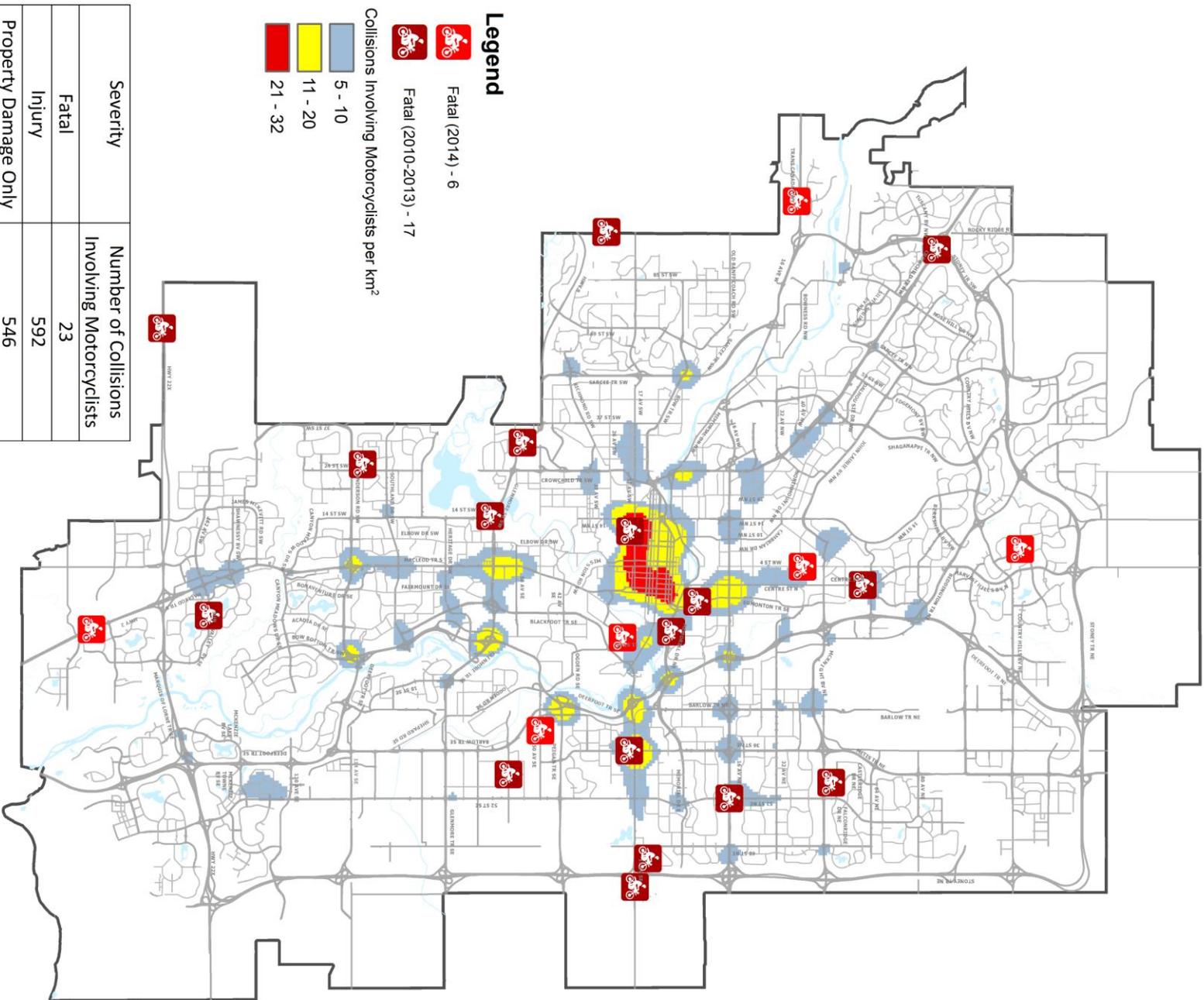
Severity	Number of Collisions Involving Cyclists
Fatal	0
Injury	141
Property Damage Only	83
<b>Total</b>	<b>224</b>

**Legend**

Collisions Involving Cyclists

- 1
- 2 - 3
- 4 - 6

0 0.25 0.5 1 Kilometers



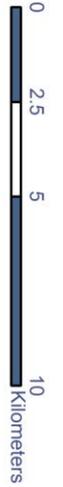
**Legend**

- Fatal (2014) - 6
- Fatal (2010-2013) - 17

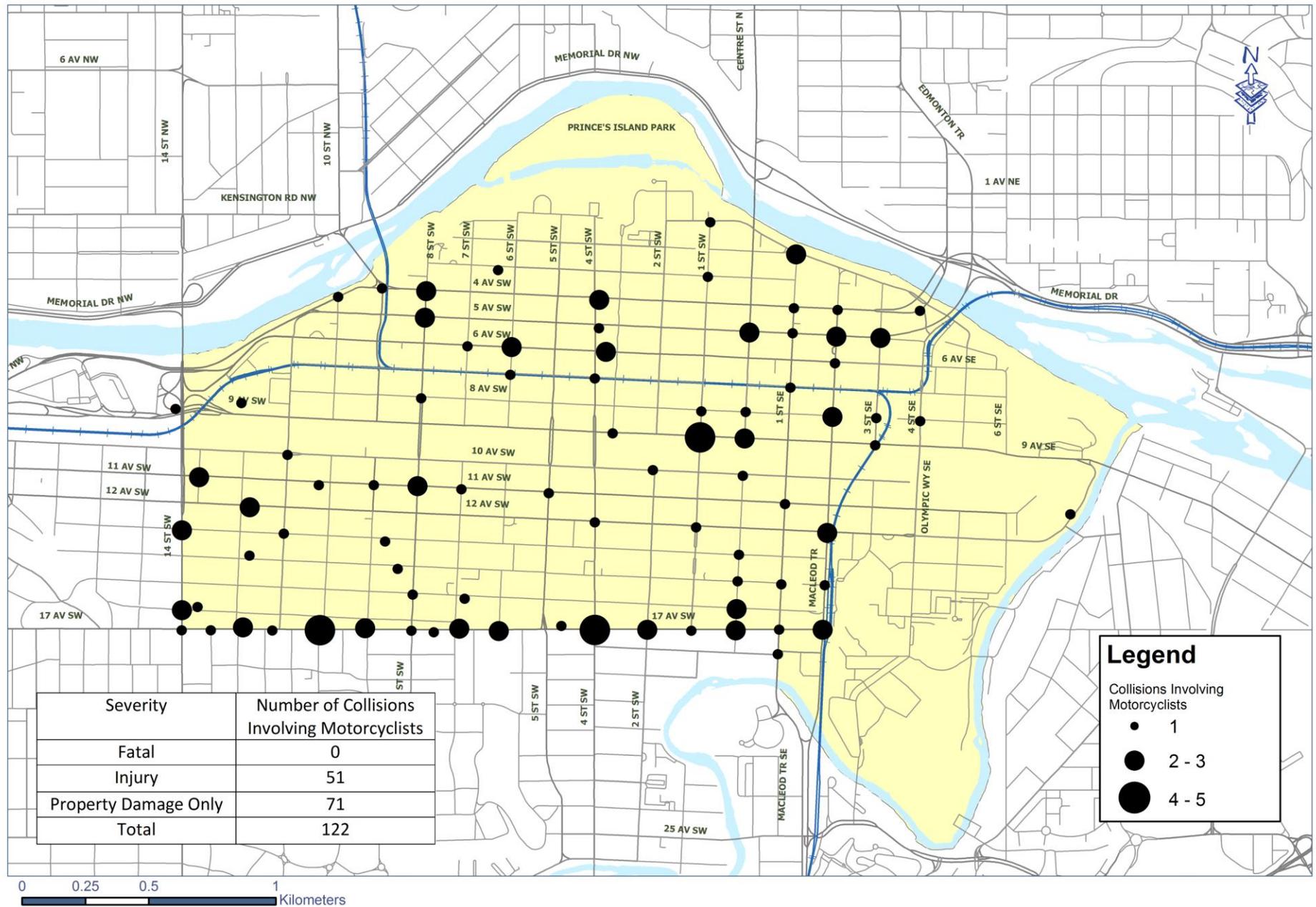
Collisions Involving Motorcyclists per km<sup>2</sup>

- 5 - 10
- 11 - 20
- 21 - 32

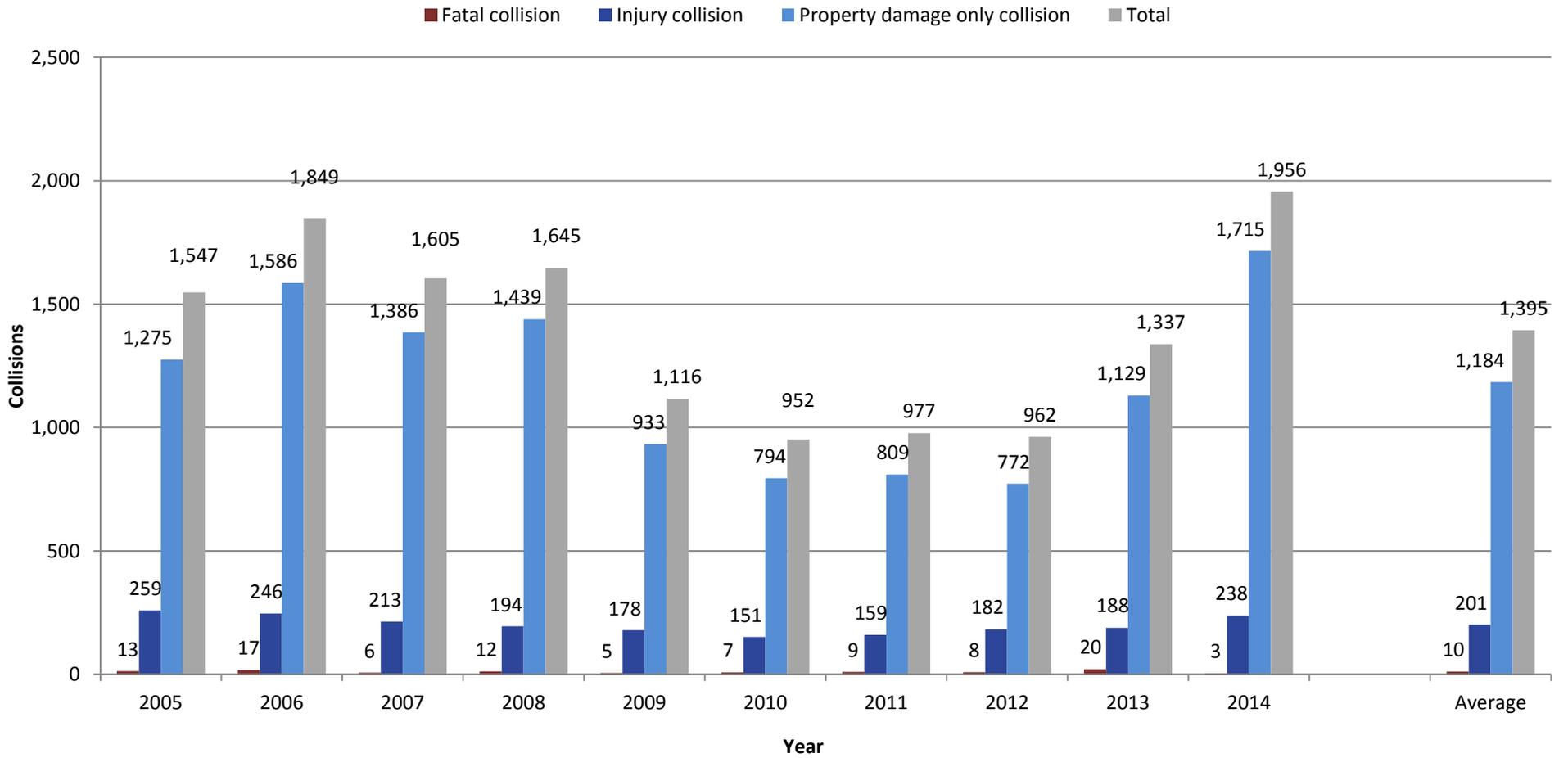
Severity	Number of Collisions Involving Motorcyclists
Fatal	23
Injury	592
Property Damage Only	546
<b>Total</b>	<b>1161</b>



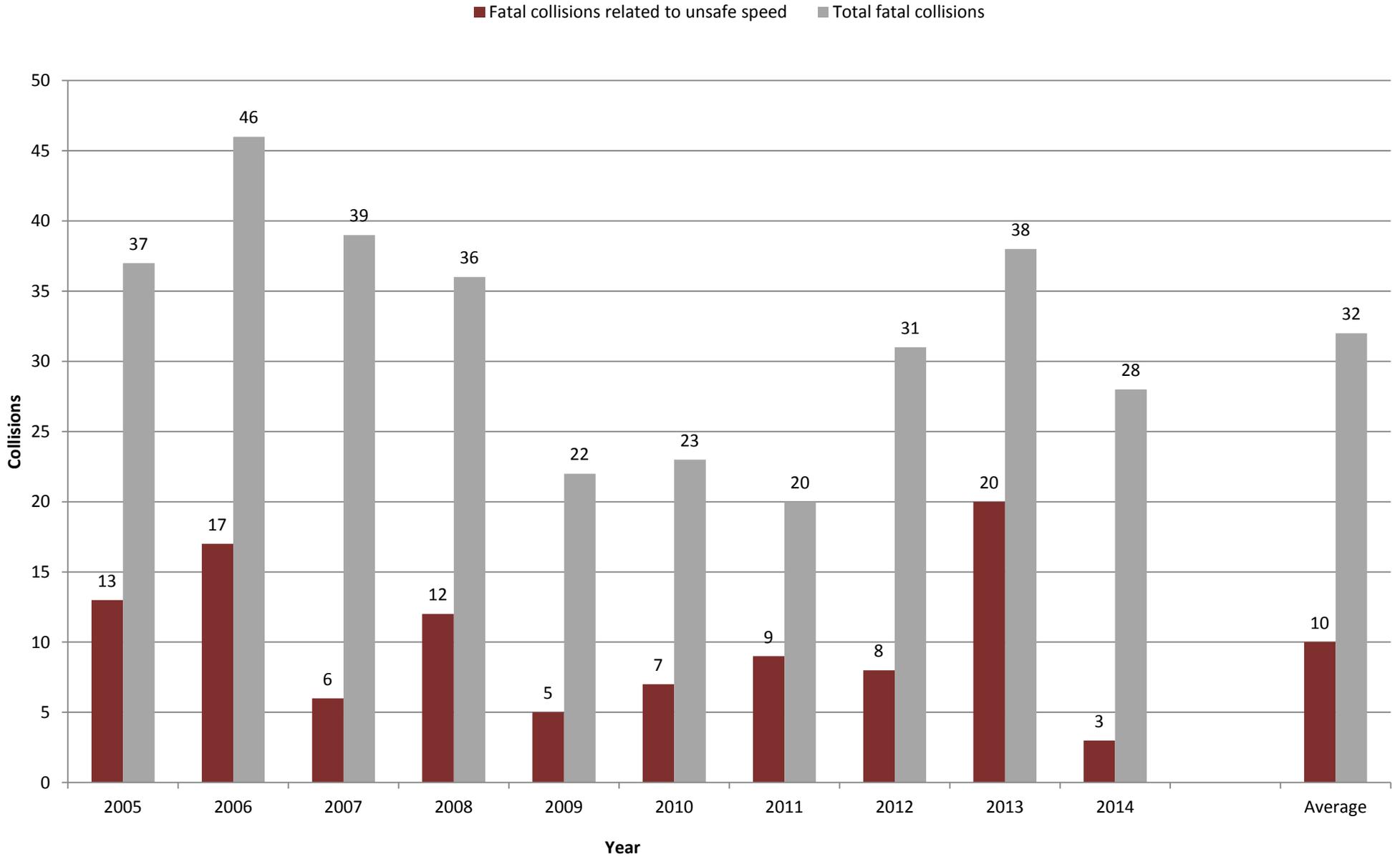
# Map 4.6 Centre City Collisions Involving Motorcyclists: 2010-2014

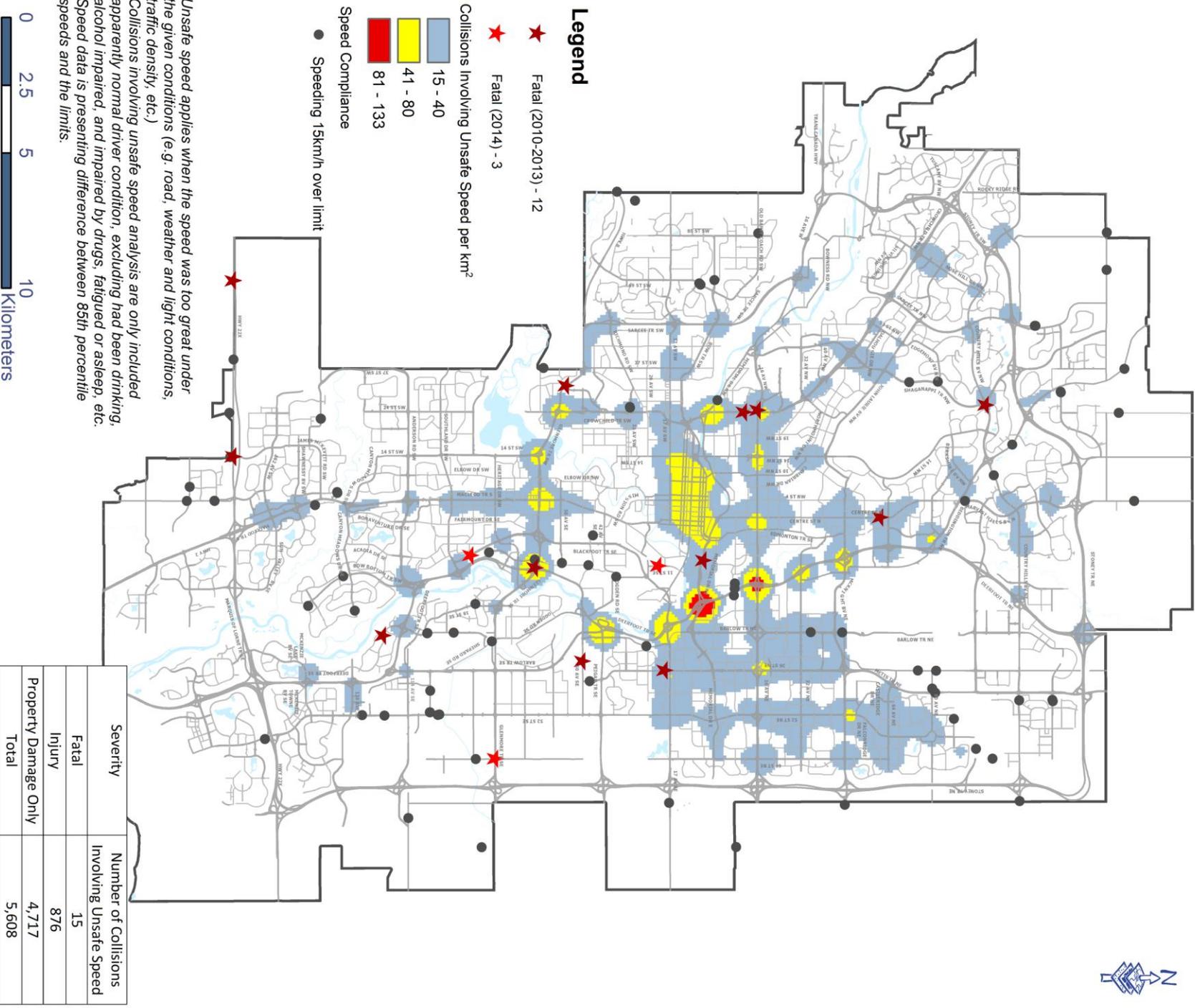


**Figure 5.1 Collisions involving unsafe speed: 2005 - 2014**



**Figure 5.2 Fatal collisions involving unsafe speed: 2005 - 2014**





Unsafe speed applies when the speed was too great under the given conditions (e.g. road, weather and light conditions, traffic density, etc.)  
 Collisions involving unsafe speed analysis are only included apparently normal driver condition, excluding had been drinking, alcohol impaired, and impaired by drugs, fatigued or asleep, etc. Speed data is presenting difference between 85th percentile speeds and the limits.

