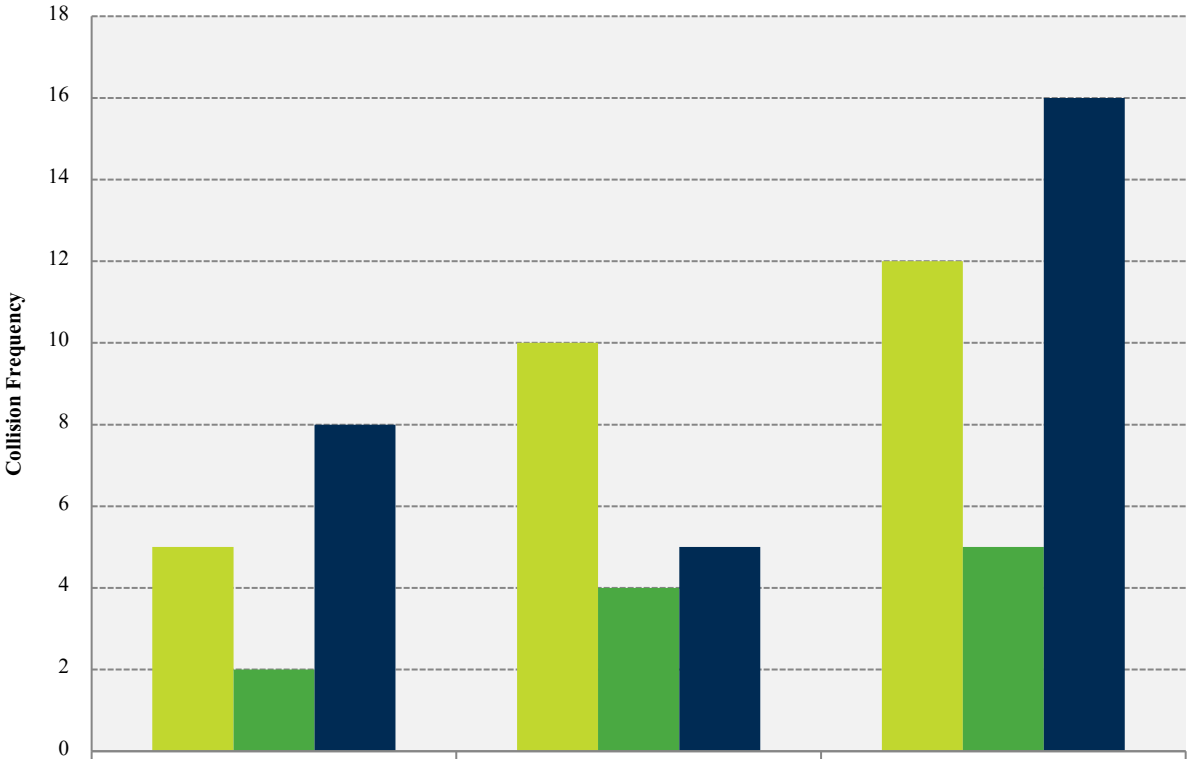
PEDESTRIAN COLLISION STATISTICS (2013-2015)

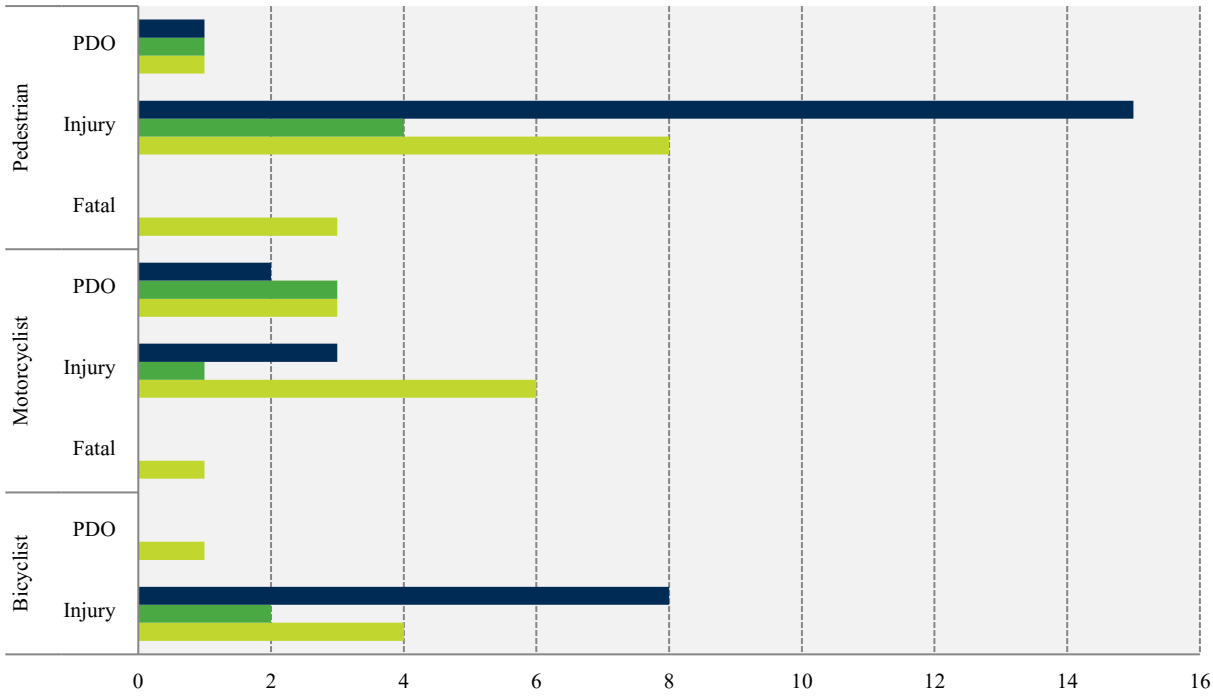
Number of Collisions Involving Vulnerable Road Users in 2013-2015



	Bicyclist	Motorcyclist	Pedestrian
2013	5	10	12
2014	2	4	5
2015	8	5	16

From 2013 to 2015 (inclusive), there was a total of 33 motor vehicle incidents involving pedestrians on St. Albert public roadways, excluding collisions in parking lots or private driveways. Among all the collisions involving vulnerable road users, pedestrian collisions take up the highest percentage each year in comparison with bicycle collisions and motorcycle collisions.

Severity of Collisions Involving Vulnerable Road Users in 2013-2015

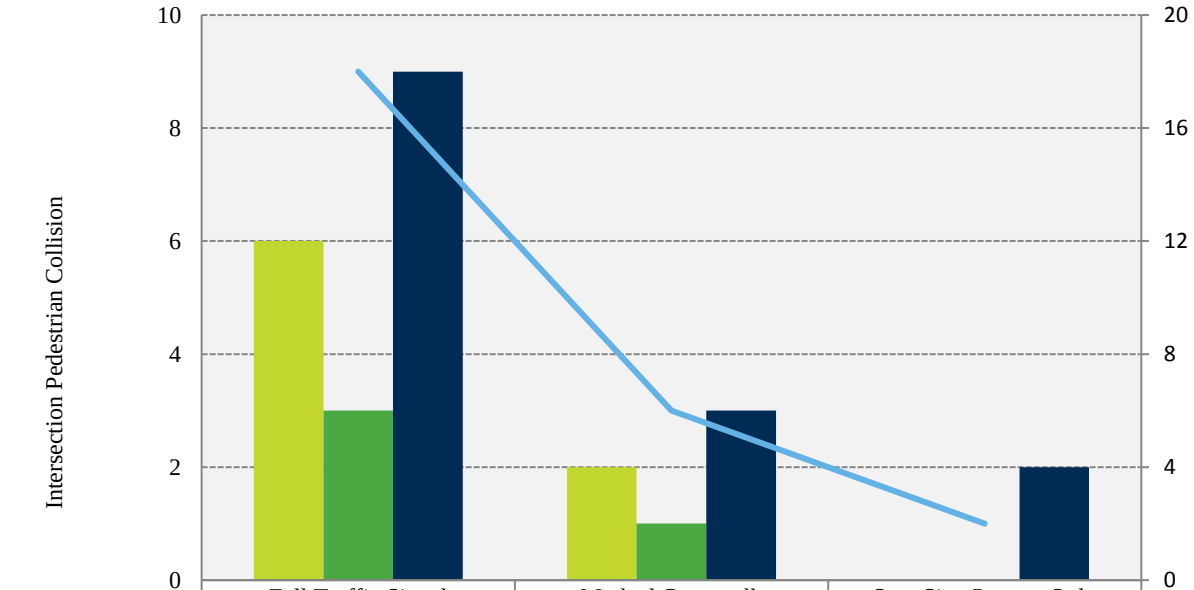


	Bicyclist		Motorcyclist			Pedestrian		
	Injury	PDO	Fatal	Injury	PDO	Fatal	Injury	PDO
2015	8			3	2		15	1
2014	2			1	3		4	1
2013	4	1	1	6	3	3	8	1

Of the 16 pedestrian collisions that occurred in 2015, 15 resulted in injuries and one resulted in property damage only (PDO).

Key factors to the high percentage of injuries that occur as a result of a pedestrian motor vehicle incident are vehicle speed and the human tolerance factor. Pedestrians have a 90% chance of surviving a motor vehicle collision that occurs at 30 km/hr or less, but less than 50% chance of surviving an impact that occurs at 45 km/hr or above.

Traffic Control Types at Intersections of Pedestrian Collisions in 2013-2015



	Full Traffic Signal	Marked Crosswalk	Stop Sign Present Only
2013	6	2	
2014	3	1	
2015	9	3	2
3-Year Total	18	6	2

Twenty-six pedestrian collisions occurred within intersections from 2013 to 2015. Of these incidents, 18 collisions (69%) occurred at full traffic signal controlled intersections, six collisions (23%) at intersections with marked crosswalks, and two collisions (8%) at stop sign controlled intersections without a marked crosswalk.

A large portion of pedestrian and vehicle collisions that occurred at signalized intersections were a result of turning vehicle movement conflicts. The vehicle turning left or right through the intersection and the driver's failure to identify and yield to the pedestrian.

Other Facts:

- From 2013 to 2015, the following age group of pedestrians were involved in collisions:
  - four children (under 14 years old) = 12% of pedestrian incidents
  - twenty-four adults (between 15 and 65) = 73% of pedestrian incidents
  - four adults (over 65) = 12% of pedestrian incidents
  - one (no age identified) = 3% of pedestrian incidents

- Number of Pedestrian Collisions (by month) in 2013 to 2015:
  - October has the highest number of pedestrian collisions (total: 9)
  - September is the second highest month (total: 8)