

# City of Mississauga Memorandum



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Date: 2021/04/08

To: Chair and Members of Mississauga Cycling Advisory Committee

From: Amy Parker, Active Transportation Technologist, City of Mississauga

CC: Matthew Sweet, Manager, Active Transportation Manager, City of Mississauga  
Seema Ansari, Technical Analyst, Traffic Safety, Region of Peel

Meeting Date: 2021/04/13

Subject: Summary of Regional and City Cycling Collisions

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## **Background**

This memo summarizes the historical data of cycling collisions that occurred within the Mississauga, on both Regional and City owned roadways.

## **Data Correction**

Please note, there has been a correction to the number of reported fatal cyclist collisions for 2014. In 2014, one fatal cyclist collision was reported on City of Mississauga owned/operated roadways (previously shown as zero) and one fatal cyclist collision was reported on the Region of Peel owned/operated roadways.

## **Collision Analysis**

### *Data Limitations*

This memo includes collision data from the Peel Regional Police. This data is limited to collisions that have been reported to the police and may contain incorrect or missing information. Collisions that are still under investigation are not accessible for review and therefore not included in the analysis below.

### *Collision History*

The collisions outlined in this memo occurred within the city of Mississauga between January 1, 2014 and December 31, 2020. The data includes collisions that occurred on both Regional and City owned and operated roadways.

Table 1 Cyclist Collisions by Year and Severity within Mississauga (Regional and City Owned Roadways)

Type of Collision	Year							
	2014	2015	2016	2017	2018	2019	2020	Total
Fatal	2	0	1	0	0	0	2	5 (0.8%)
Non-fatal Injury	40	53	53	35	29	31	38	279 (46.4%)
Property Damage Only	60	51	55	35	46	34	29	310 (51.5%)
Non-reportable	0	0	2	2	2	0	2	8 (1.3%)
<b>Total</b>	<b>102</b>	<b>104</b>	<b>111</b>	<b>72</b>	<b>77</b>	<b>65</b>	<b>71</b>	<b>602 (100%)</b>

### Collision Trends

During the study period, 602 cyclist collisions were reported within the city of Mississauga. Nearly half (46%) of these collisions resulted in injury and 5 collisions (0.8%) resulted in a fatality.

Since 2014, the frequency of collisions involving cyclists within Mississauga appears to be decreasing. However, collisions that are still under investigation are not accessible for review and therefore not included in this study. This may affect the results of the collision history and trends presented. The majority (78%) of cyclist collisions reported in Mississauga are occurring at intersections.

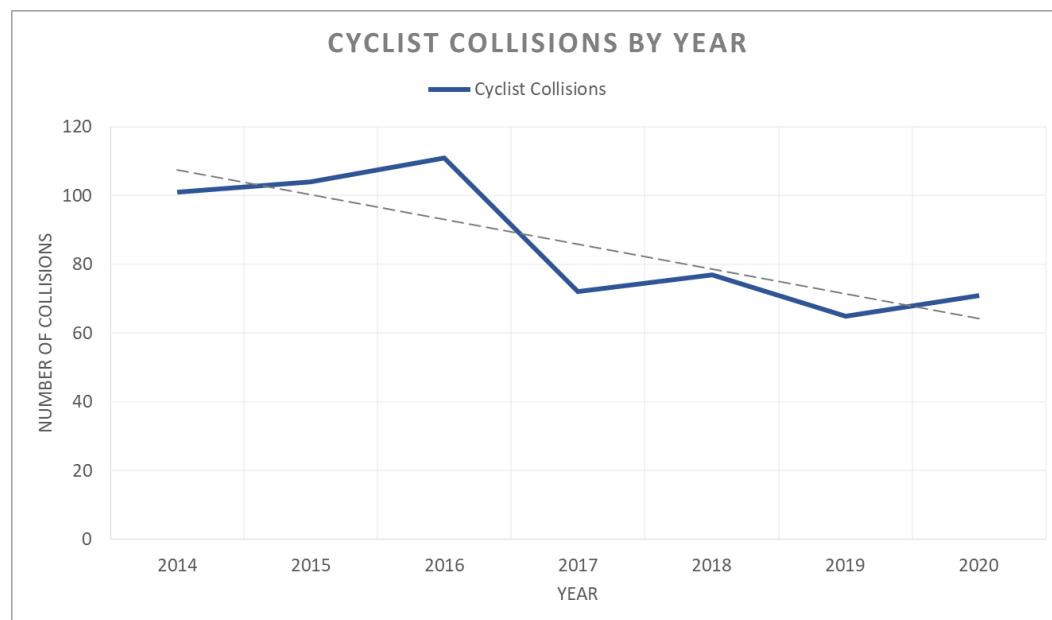


Figure 1 Cyclist Collisions in Mississauga by Year (Regional and City Owned Roadways)

Turning maneuvers pose a significant safety risk to cyclists as this movement type accounts for more than half (59%) of all cyclist collisions. According to the collision data, 13% of drivers failed to yield the right of way to cyclists and 12% of cyclists failed to yield the right of way to motor vehicles. 4% of drivers and 7% of cyclists disobeyed the traffic control.

The data also indicates the majority of cyclist collisions are occurring:

- *In clear environmental conditions*
- *With dry road surface conditions*
- *During daylight*
- *During summer months*
- *During the evening peak traffic period*

## **Conclusion**

The collision review and analysis is the first step towards evidence based decision-making and strategies. The City and Region will continue to work together to advance this key Vision Zero action.

Since 2014, 602 cyclist collisions have been reported within the city of Mississauga on both Regional and City owned and operated roadways. Nearly half (46%) of these collisions resulted in injury and 5 collisions (0.8%) resulted in a fatality. The majority (78%) of cyclist collisions reported in Mississauga are occurring at intersections.