



Calgary



# TT2020-1420 Mobility Trends in Calgary

## COVID-19 Transportation System Monitoring

Presentation to SPC on Transportation and Transit – December 16, 2020  
Ryan Vanderputten, Director Transportation Planning







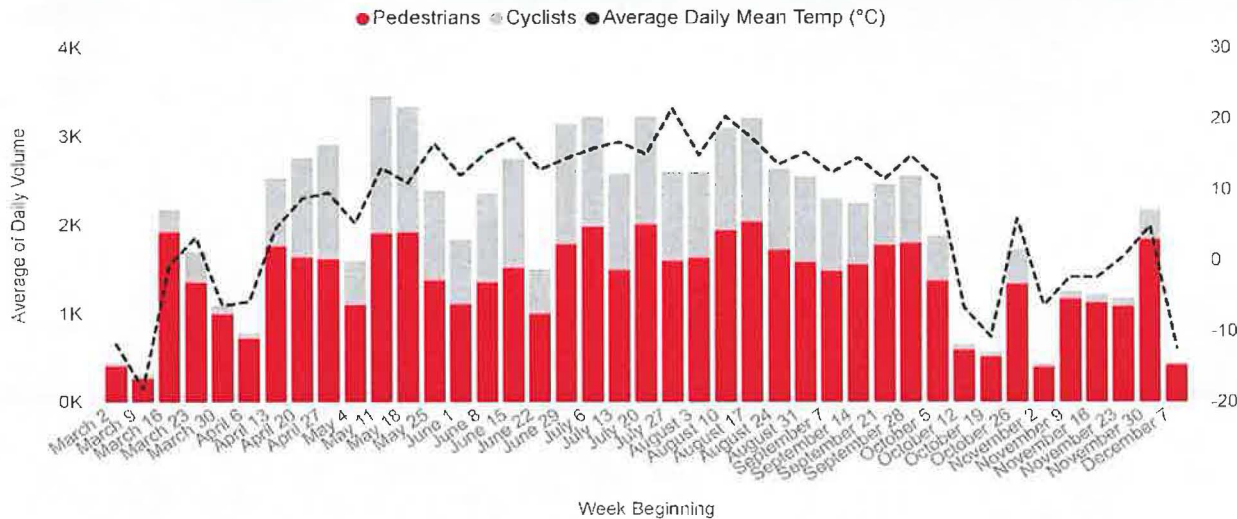
Data up to December 14, 2020

# Mobility Trends in Calgary Active Modes

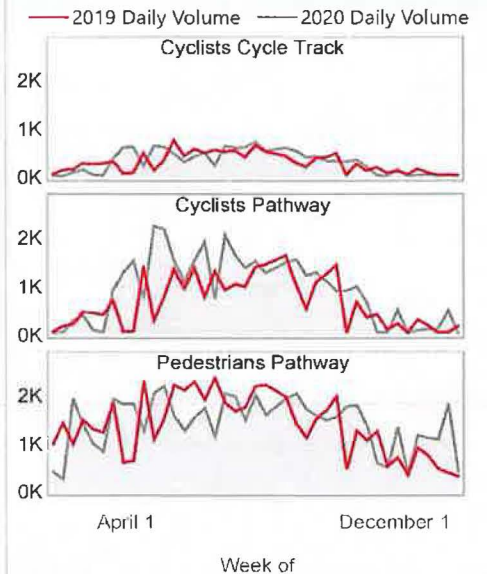
COVID-19 Transportation System Monitoring



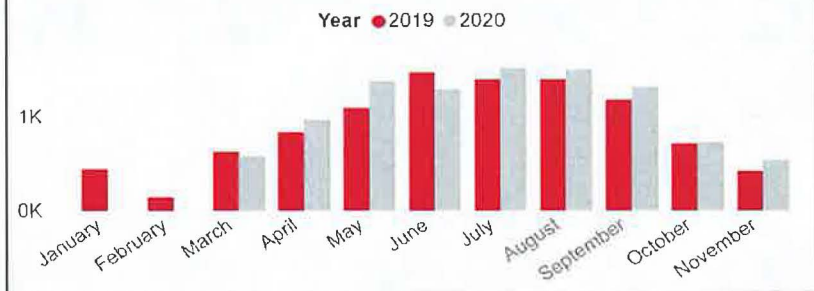
Average Weekend Daily Pathway Volume + Average Daily Mean Temperature [Average from several Eco-Counters]



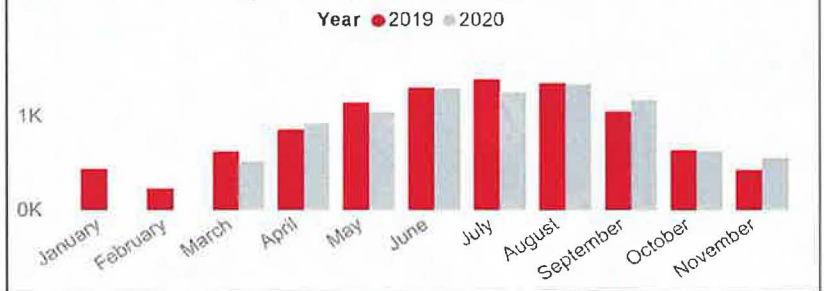
Weekend Eco-Counter Location Data: 2020 Compared to 2019



Weekend Average Daily Volume by Month [Average from Several Eco-Counters]



Weekday Average Daily Volume by Month [Average from Several Eco-Counters]

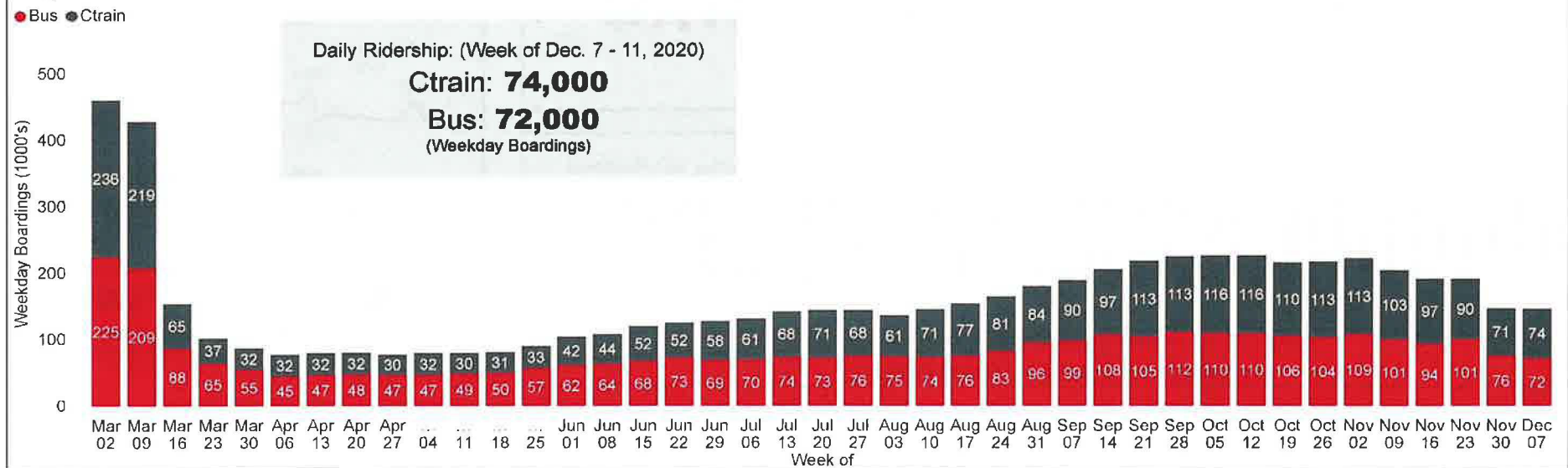


Data Sources:  
Eco-Counter pedestrian & bike volume: Eco-counter stations owned by City of Calgary Parks and Transportation Departments ([www.eco-public.com/ParcPublic?Id=4190](http://www.eco-public.com/ParcPublic?Id=4190))

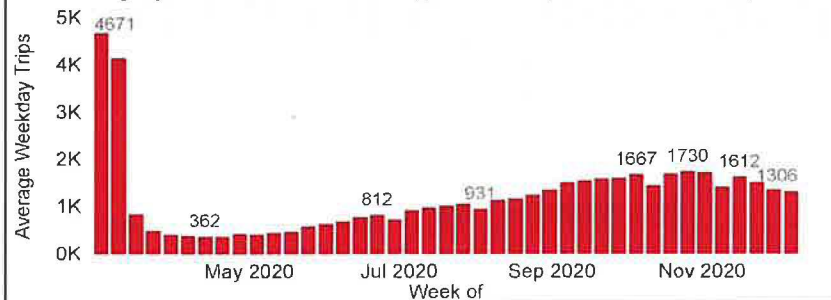
Weather Information: Environment Canada Website ([www.weather.gc.ca](http://www.weather.gc.ca))



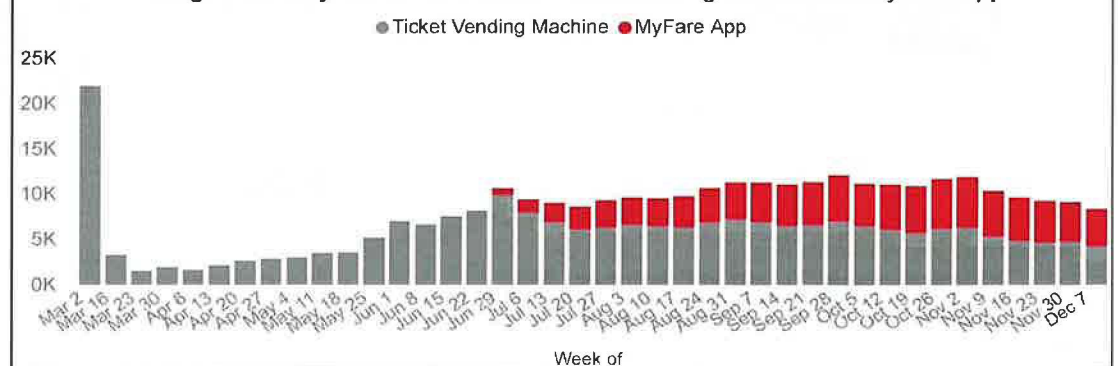
Calgary Transit Average Weekday Bus & Ctrain Boardings (1000's)



### Calgary Transit Access Average Weekday Shared Ride Trips

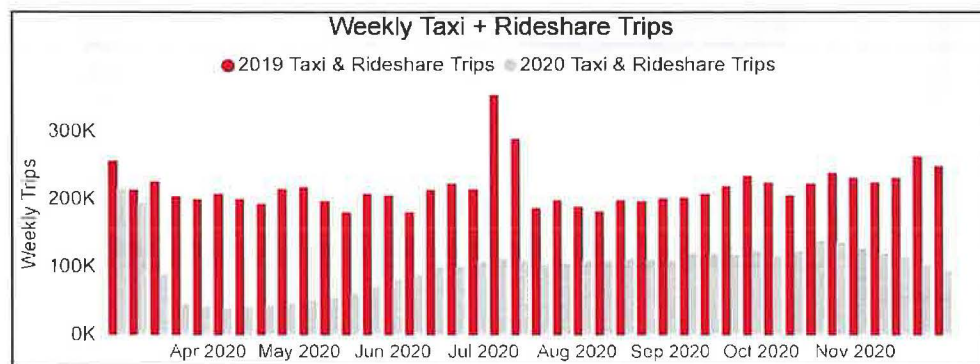
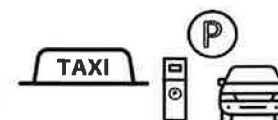


**Average Weekday Ticket Purchases: Ticket Vending Machines & MyFare App**



**Data Source:**  
City of Calgary, Calgary Transit -Transit Data

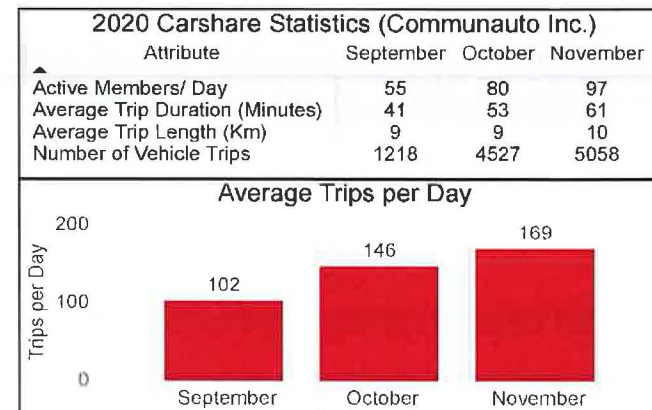




Taxi & Rideshare Trips  
 Nov. 30 - Dec. 6, 2020

**38%**  
 of 2019 trips

Total Carshare Trips  
**10,803**  
 Sept. 19 - Nov. 30, 2020

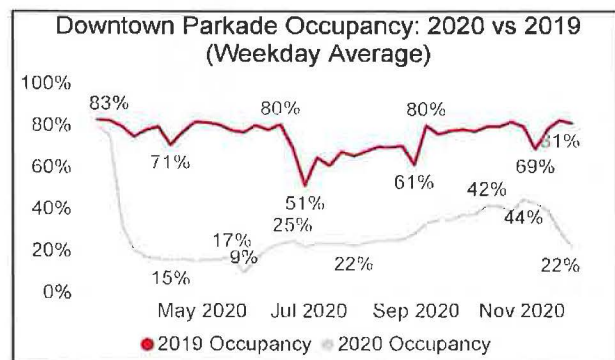


Surface Lot Parking  
 Nov. 30 - Dec. 4, 2020

**30%**  
 of 2019 Transactions

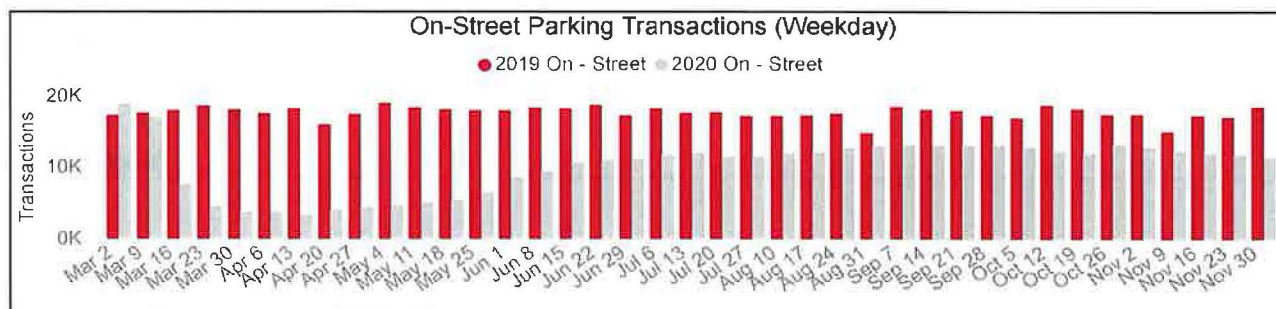
On Street Parking  
 Nov. 30 - Dec. 4, 2020

**63%**  
 of 2019 Transactions



**Data Sources:**

Taxi/Rideshare data: City of Calgary, Community Services - Compliance Standards  
Parking Data: The Calgary Parking Authority  
 Communauto Inc (Alberta Branch) <https://alberta.communauto.com>

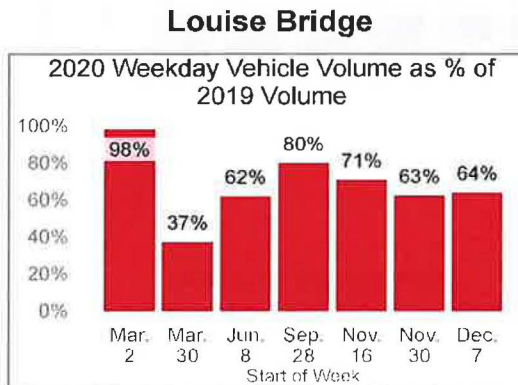
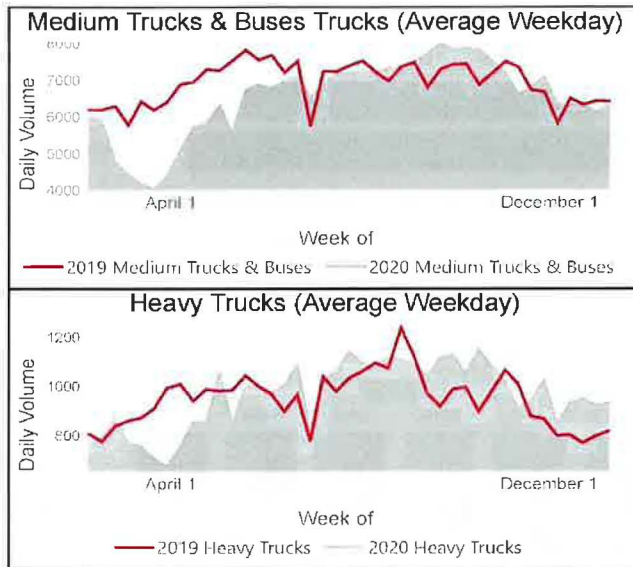
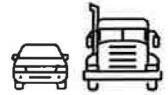




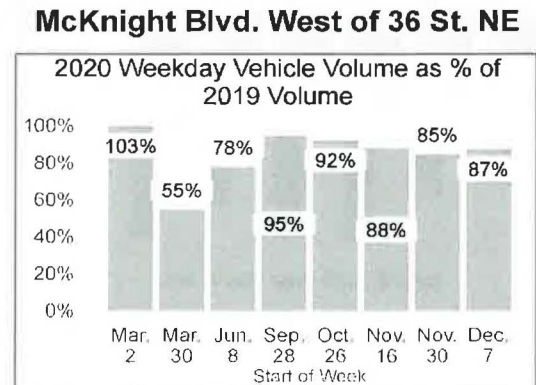
Data up to December 14, 2020

## Mobility Trends in Calgary Cars & Trucks

COVID-19 Transportation System Monitoring



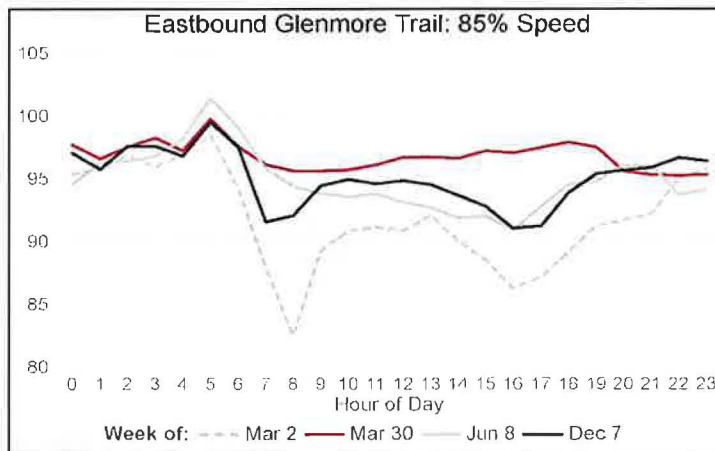
Downtown has had greater volume decreases compared to other areas of the city.



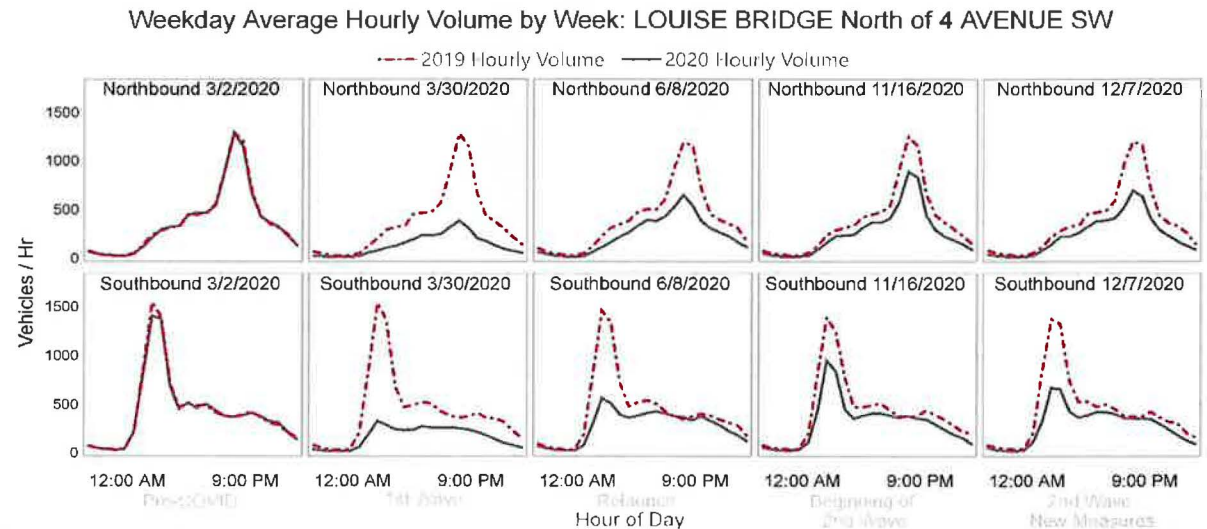
Vehicle Volume Dec. 7 - 11, 2020

**87%**

of 2019 Weekday Volume



Data Source:  
City of Calgary Permanent count stations, City of Calgary -Transportation Planning ([www.calgary.ca/caltracs](http://www.calgary.ca/caltracs))



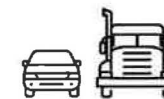




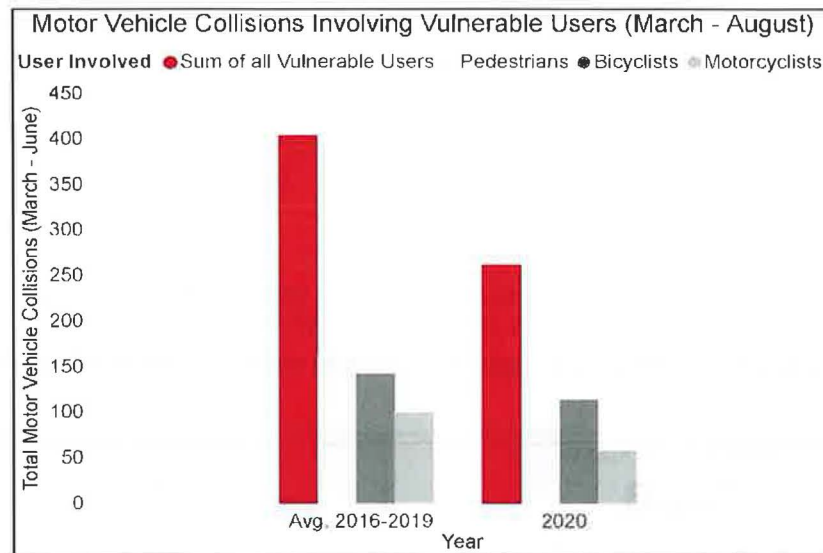
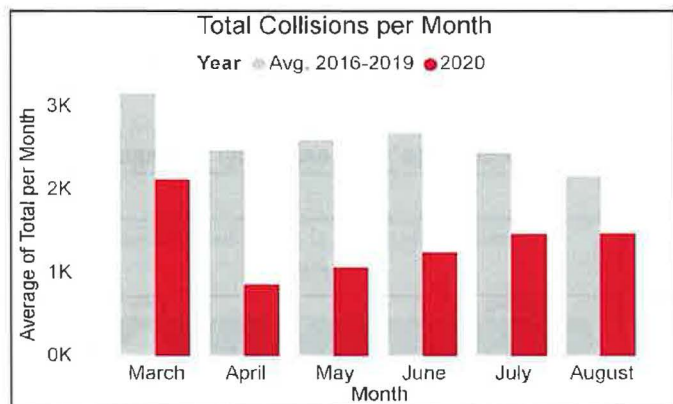
Data up to August 31, 2020

## Mobility Trends in Calgary Vehicle Collisions

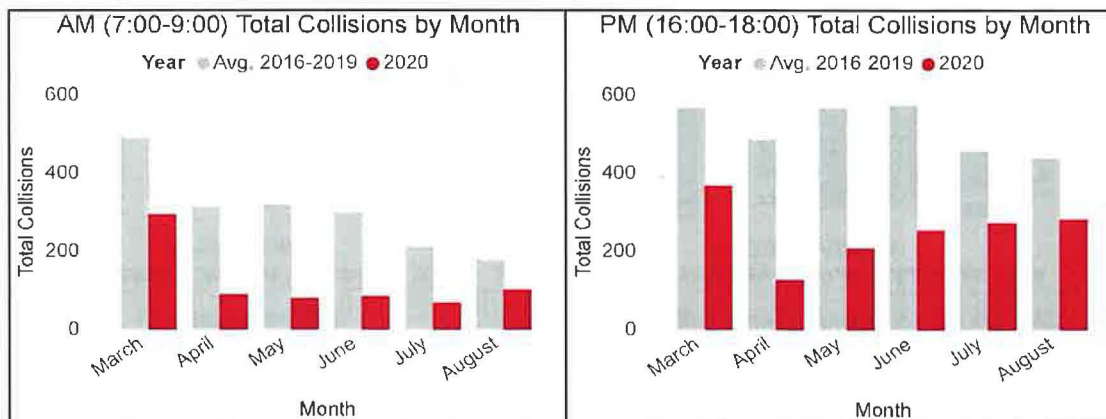
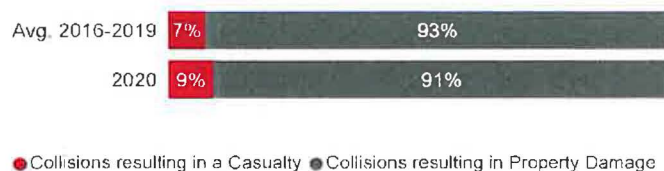
COVID-19 Transportation System Monitoring



March 2020 - August 2020:  
Fewer motor vehicle collisions  
compared to historical averages.



Collisions Severity (% of All Motor Vehicle Collisions  
March-August)



### Data Source:

City of Calgary obtained this data from Alberta Transportation's (Government of Alberta) eCollisions database (March-June extracted on Sept 1, 2020, July-August extracted Nov. 17, 2020).

NOTE: Collision data stored in this database may be incomplete on the data of extraction as processing and legal action may delay entry of some records.