

MOBILITY TRENDS AND COVID-19 IN THE CITY OF CHICAGO: APRIL 29, 2020

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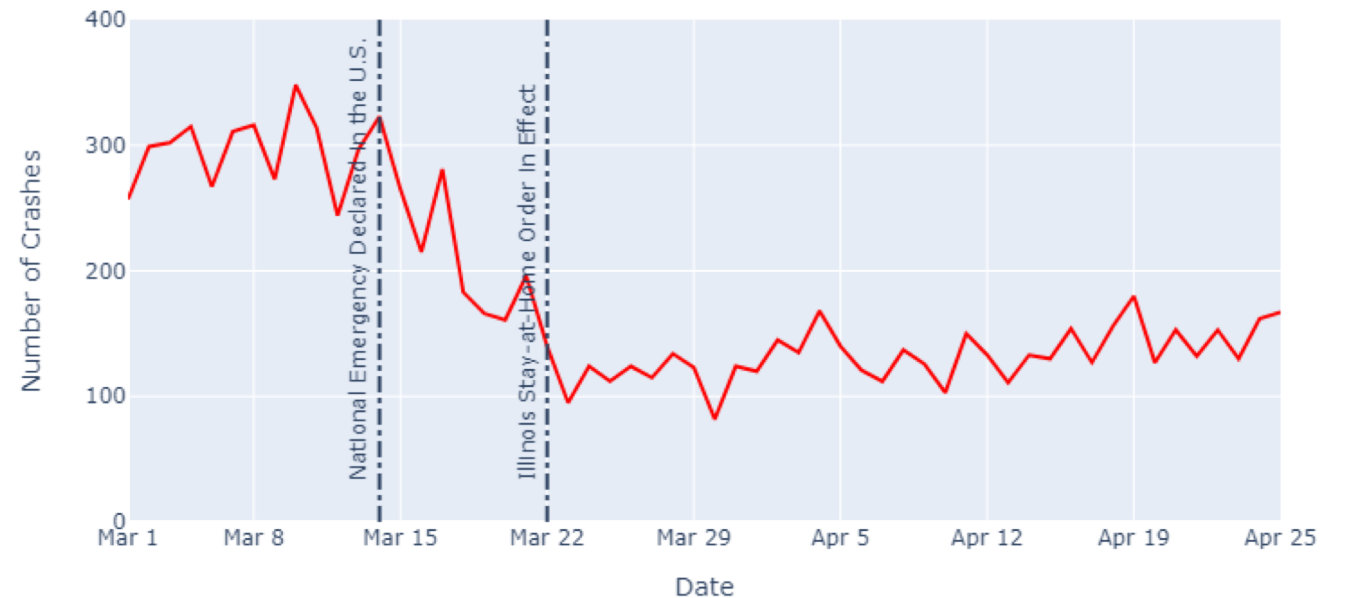
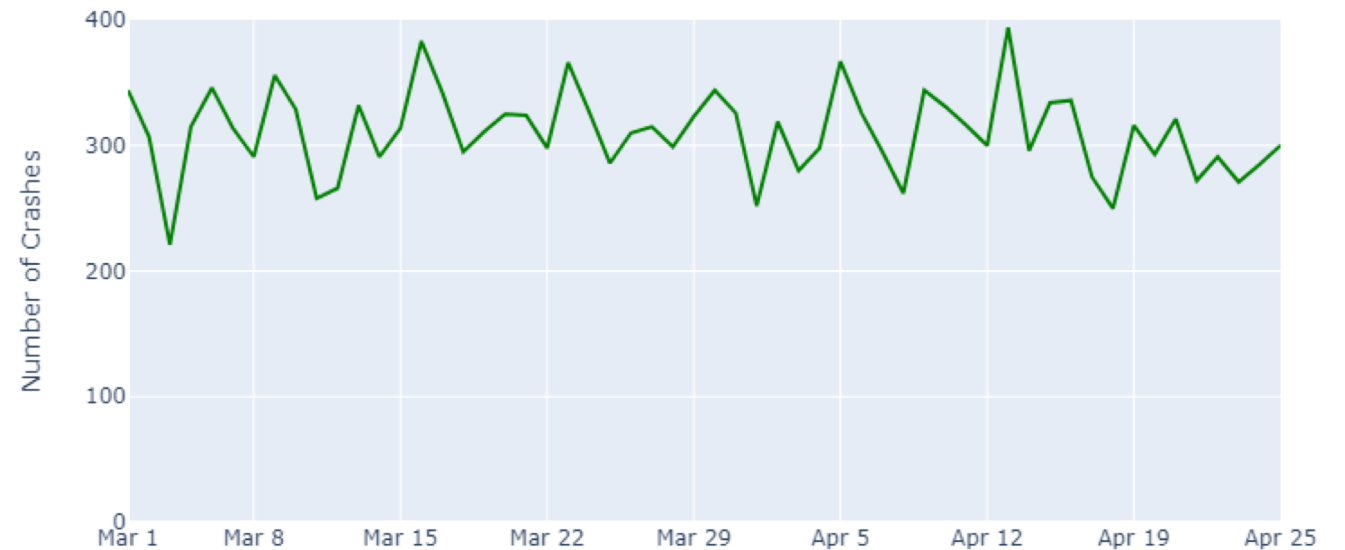
MAIN TAKEAWAYS

1. Number of vehicle crashes in Chicago continues to be slowly ticking back up after its low in the week of March 22-28, but remains about 50% below the levels of the pre-shelter in place order.
2. Crash severity in relative frequency terms continues to be above its pre-lockdown level, though appears to be gradually decreasing from peak reached in week of March 29-April 4— but not the percentage of fatal crashes, which is higher in the past two weeks than the week of March 29-April 4.
3. Crashes involving pedestrians continue a decreasing trend since the lockdown, though the percentage of fatalities is higher post-lockdown.

CRASHES IN THE CITY OF CHICAGO

2019 VERSUS 2020

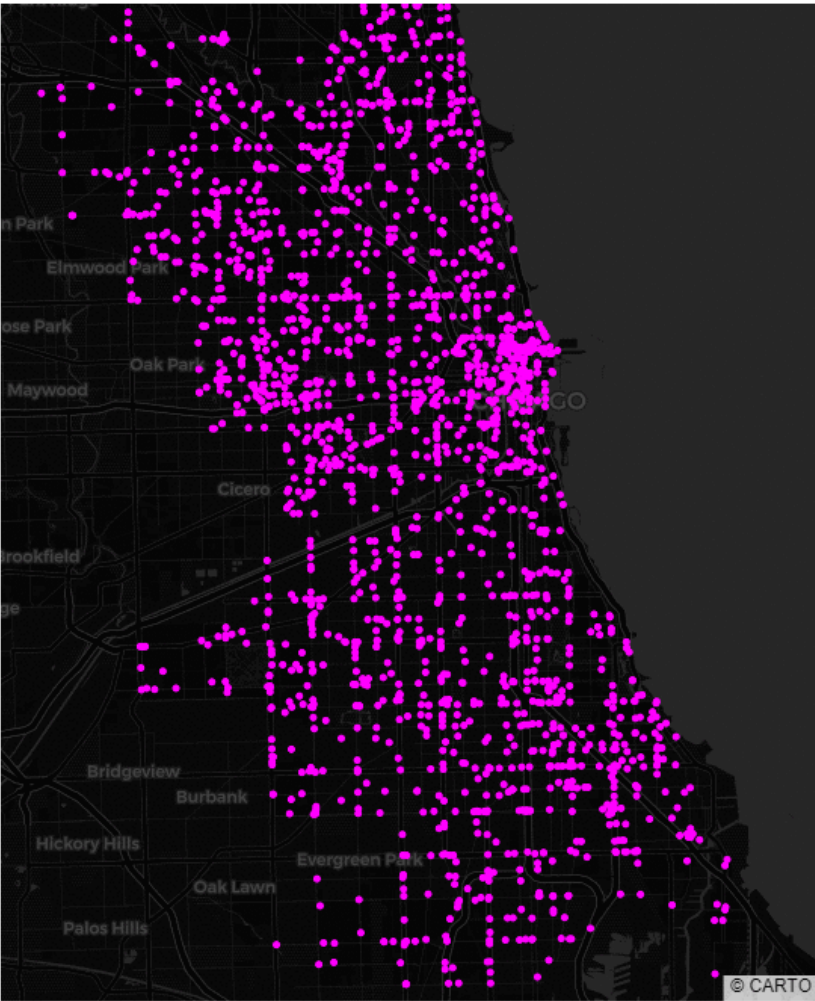
Looks like the number of daily crashes are on a slight upward trend over the last 2-3 weeks



WEEKLY NUMBER OF CRASHES

March 1 - March 7, 2020

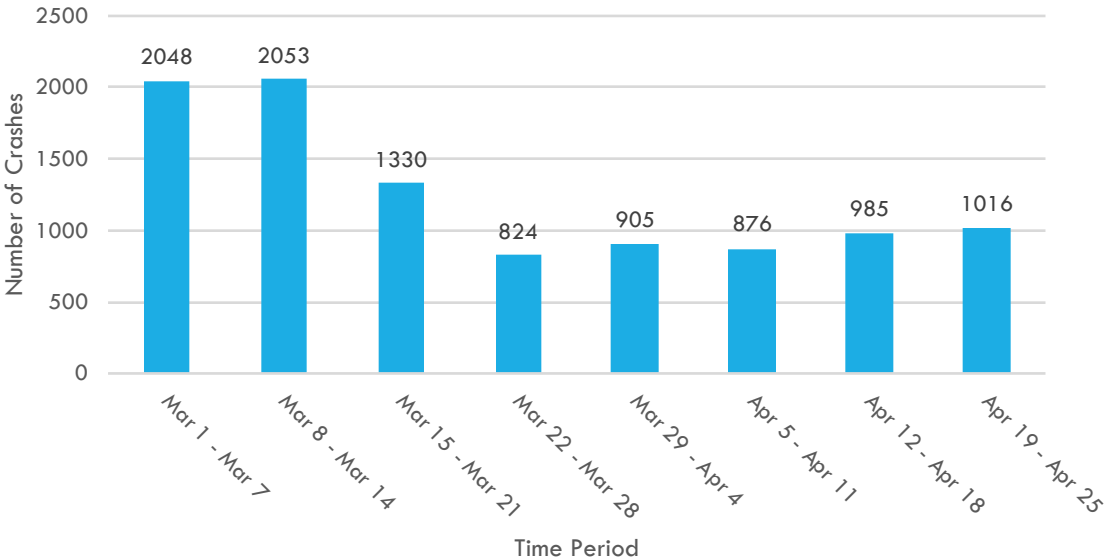
MARCH 1 TO APRIL 25, 2020



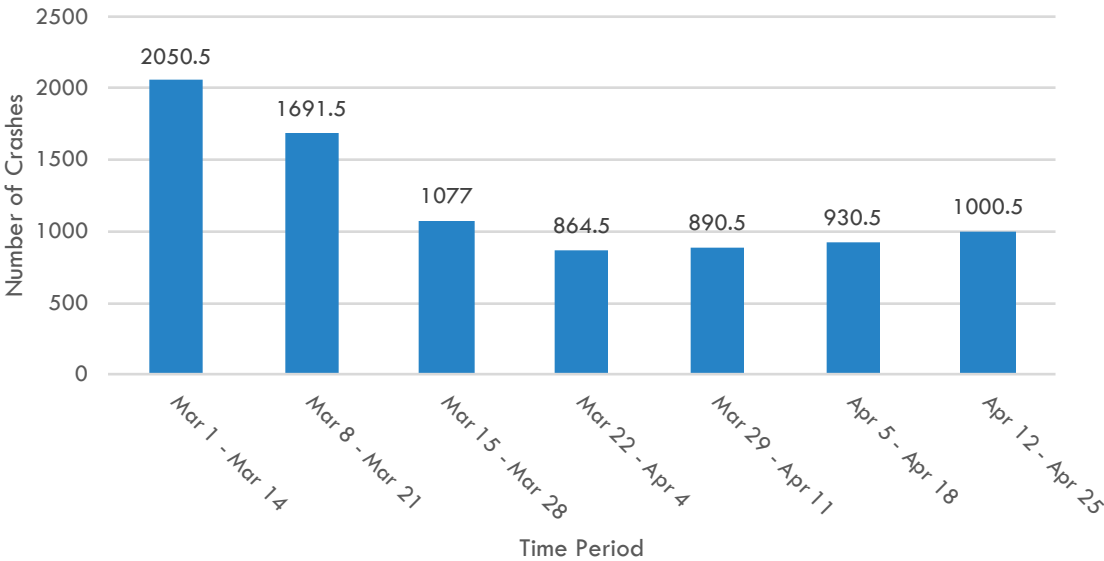
This is an animation, see in presentation mode

Weekly snapshots in next slide

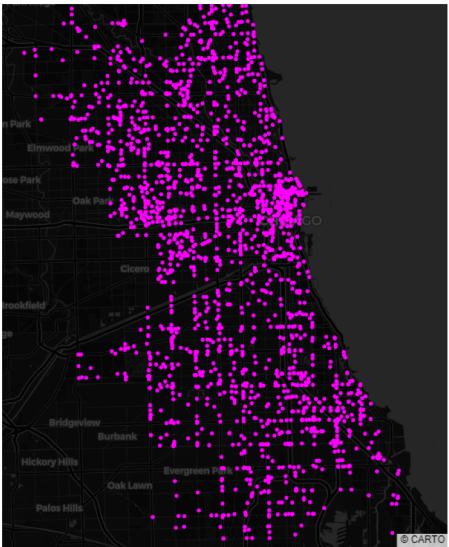
Number of Crashes per Week



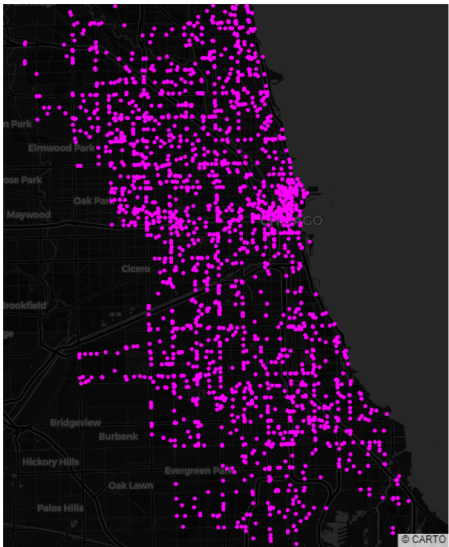
2-Week Rolling Average



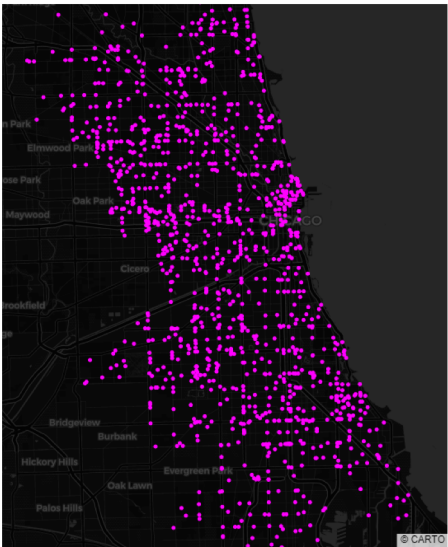
March 1 - March 7, 2020



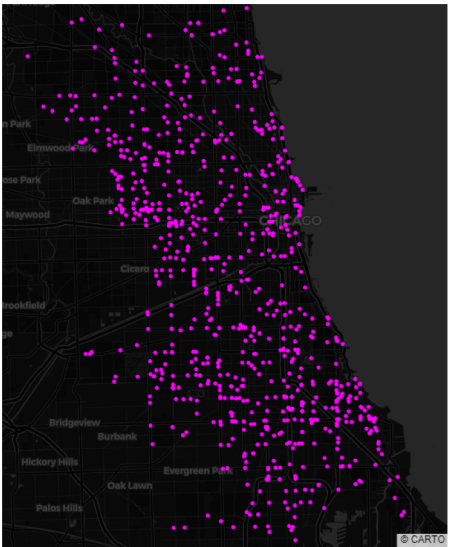
March 8 - March 14, 2020



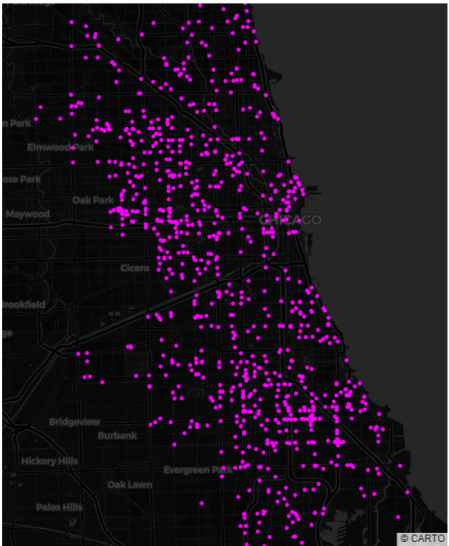
March 15 - March 21, 2020



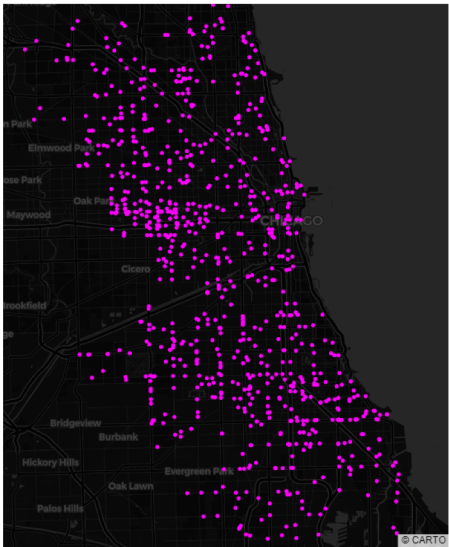
March 22 - March 28, 2020



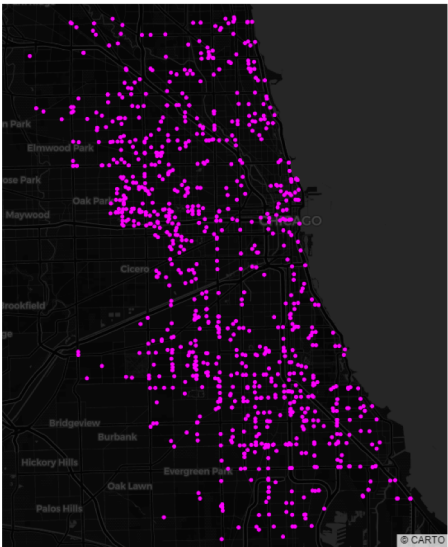
March 29 - April 4, 2020



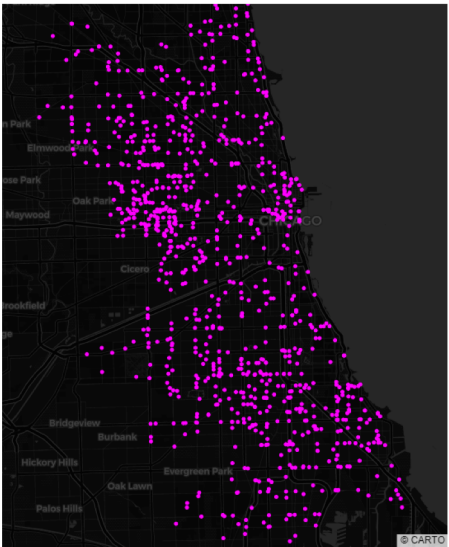
April 5 - April 11, 2020



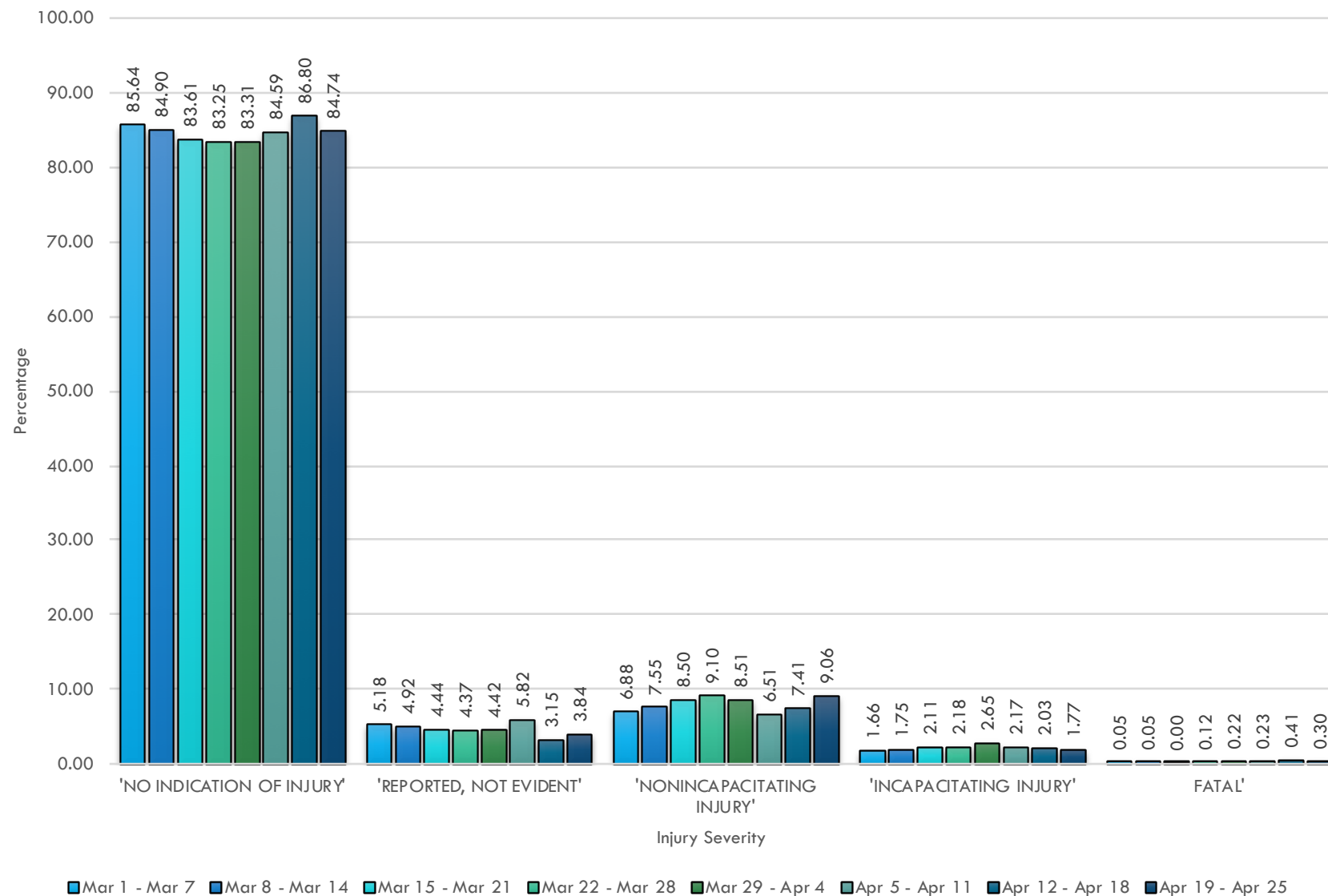
April 12 - April 18, 2020

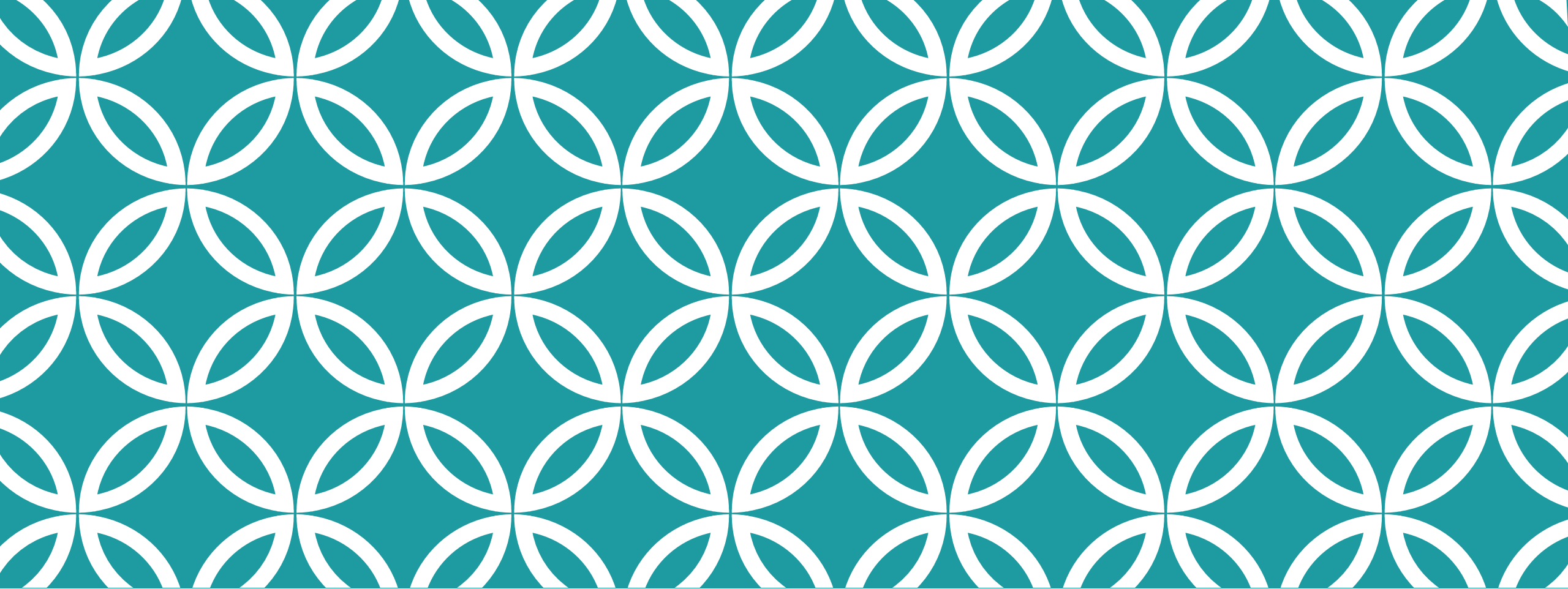


April 19 - April 25, 2020



CRASHES BY SEVERITY TYPE



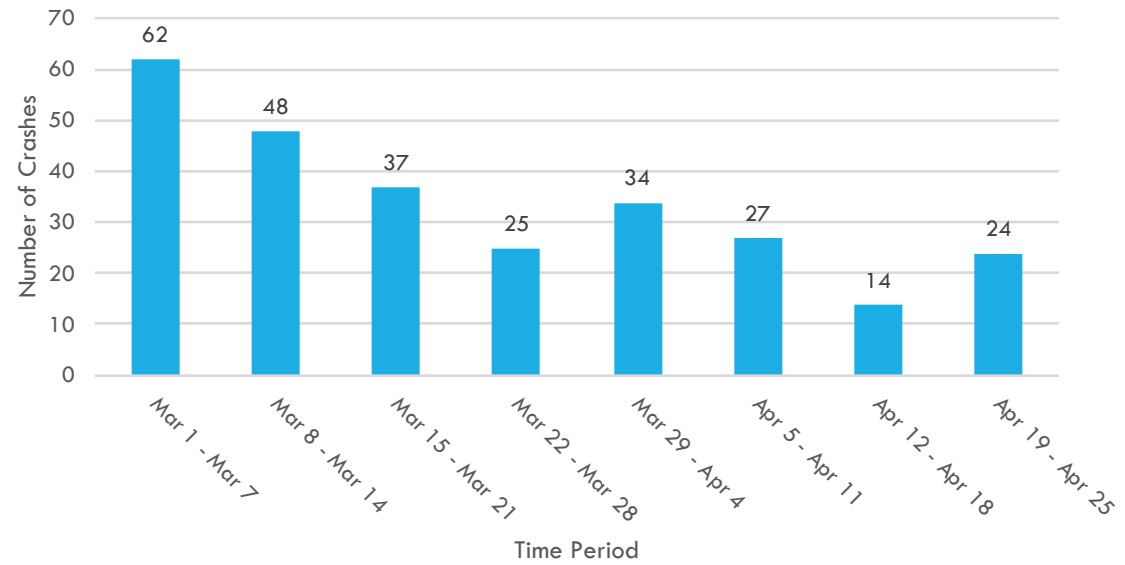


PEDESTRIAN CRASHES

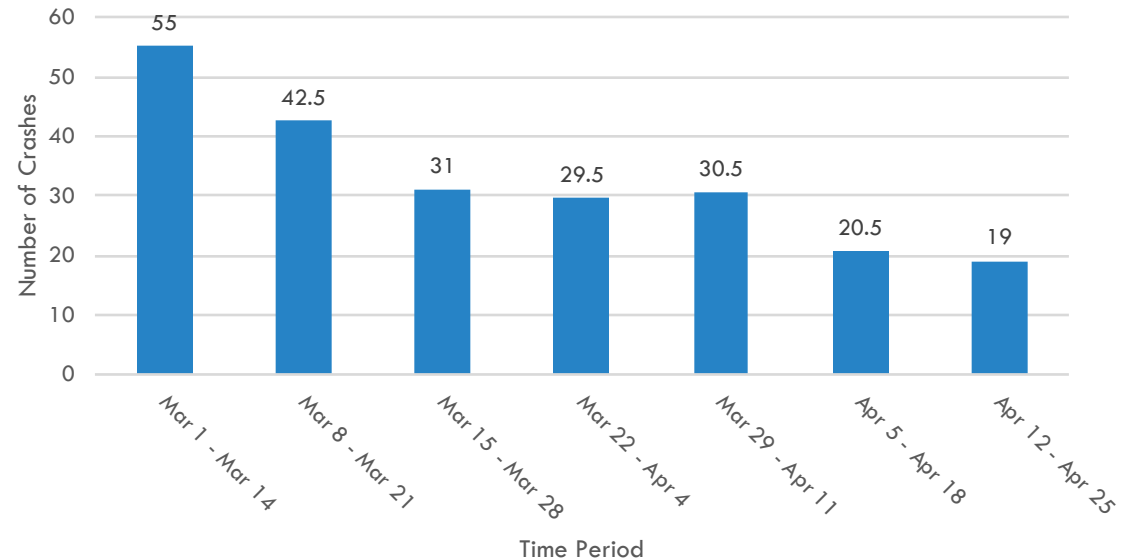


PEDESTRAIN CRASHES PER WEEK

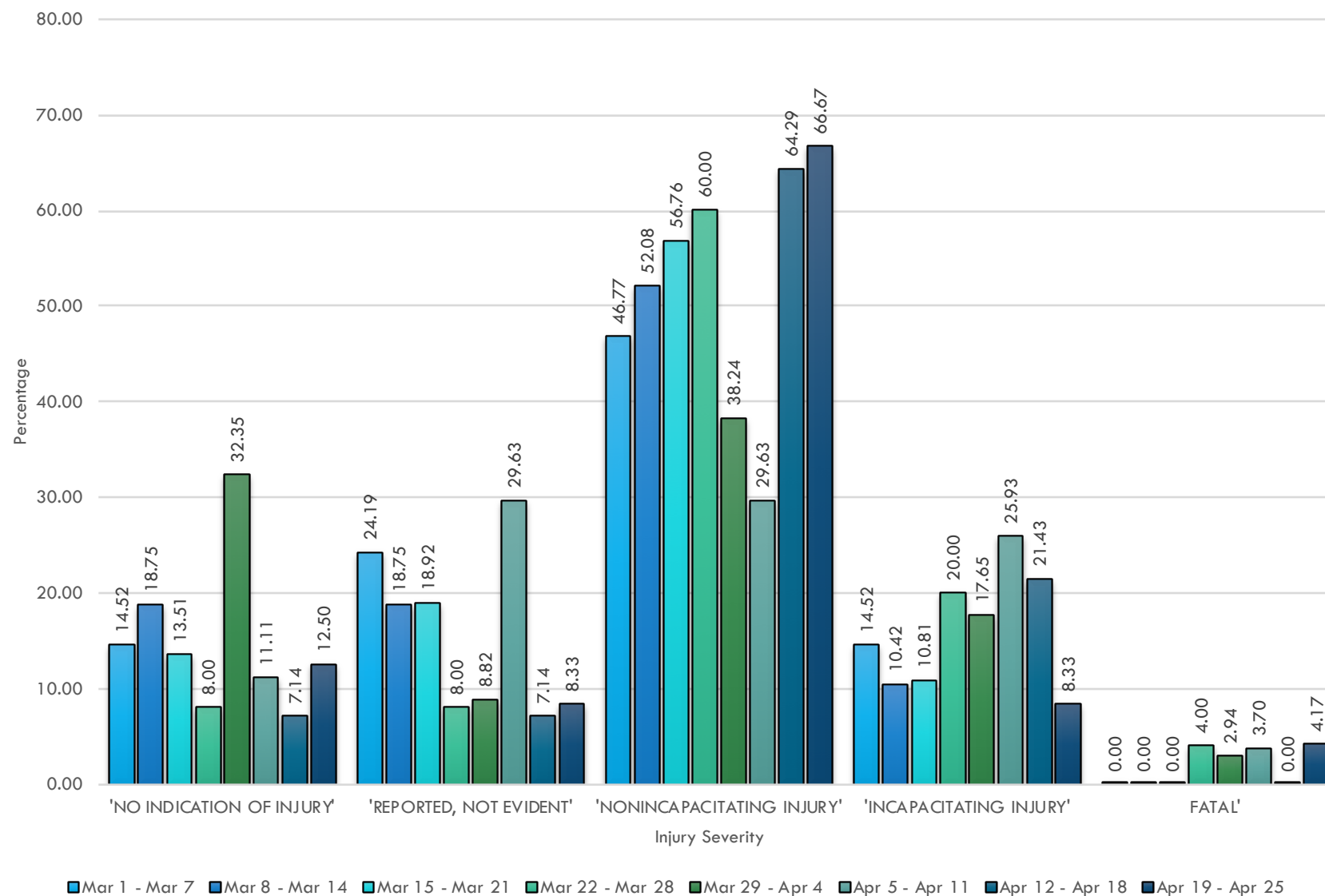
Number of Pedestrian involved Crashes



2 Week Rolling Average



PEDESTRIAN CRASHES' SEVERITY



AVAILABLE DATA FROM THE CITY OF CHICAGO

Crash Data: <https://data.cityofchicago.org/Transportation/Traffic-Crashes-Crashes/85ca-t3if> (Updated Regularly)

Chicago Congestion Estimates: <https://data.cityofchicago.org/Transportation/Chicago-Traffic-Tracker-Congestion-Estimates-by-Se/n4j6-wkkf> (Uses CTA GPS data to estimated link speeds on city network every couple seconds/minutes, updated regularly)

Red Light traffic violations: <https://data.cityofchicago.org/Transportation/Red-Light-Camera-Violations/spqx-js37> (last updated March 24)

Speed Camera Violations: <https://data.cityofchicago.org/Transportation/Speed-Camera-Violations/hhkd-xvj4> (last updated March 24)

Chicago Taxi Data: <https://data.cityofchicago.org/Transportation/Taxi-Trips/wrvz-psew> (last updated Dec 31, 2019)

Chicago Divvy Bikes data: <https://divvy-tripdata.s3.amazonaws.com/index.html> (last updated Dec 31 2020)

L Entry data: <https://data.cityofchicago.org/Transportation/CTA-Ridership-L-Station-Entries-Daily-Totals/5neh-572f> (last updated Dec 31, 2019)

CTA ridership info: <https://data.cityofchicago.org/Transportation/CTA-List-of-CTA-Datasets/pnau-cf66> (last update Dec 31, 2019)

Note: Data in red is where updated information is available for the month of March/April