COVID19 IMPACTS ON TRANSPORTATION

Produced by the NYC Department of City Planning's Transportation Division

July 7, 2020

NYC PLANNING

Introduction

- The NYC Department of City Planning's Transportation Division is compiling data to help understand the effects of COVID19 on the transportation network. This is our fifteenth weekly report.

- This week's report includes the following information:
    1. Executive Summary
    2. Citywide Trends
    3. Subway and Bus
    4. Ferry
    5. Traffic
    6. Citi Bike
    7. Airports
    8. Cell Phone-based Mobility
    9. 311 Data
    10. Timeline

- We continue to expand the content of these weekly reports as new data become available to us, and are prioritizing work around understanding how mobility trends relate to the economic and employment landscape.

- This report may serve to help in pandemic response and longer-term recovery. We are eager for feedback in how to make this more useful. Feel free to reach out to Laura Smith (lsmith@planning.nyc.gov) with questions or comments.

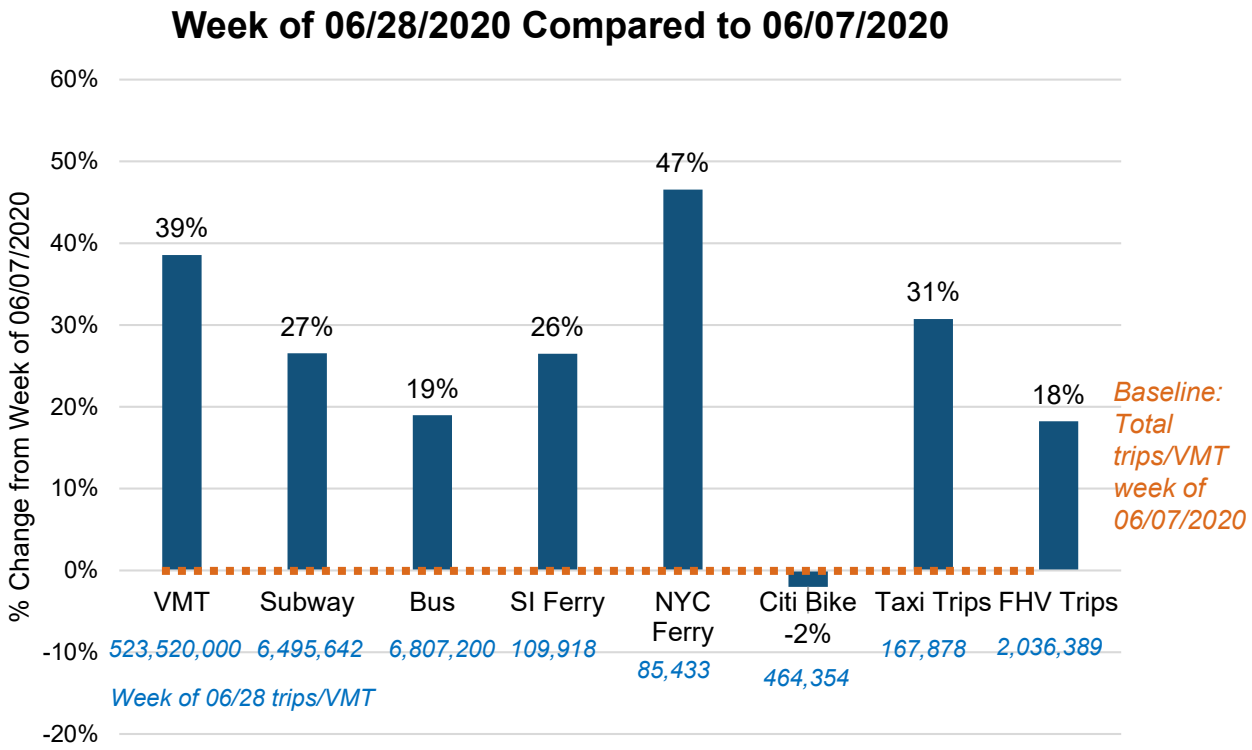
Executive Summary

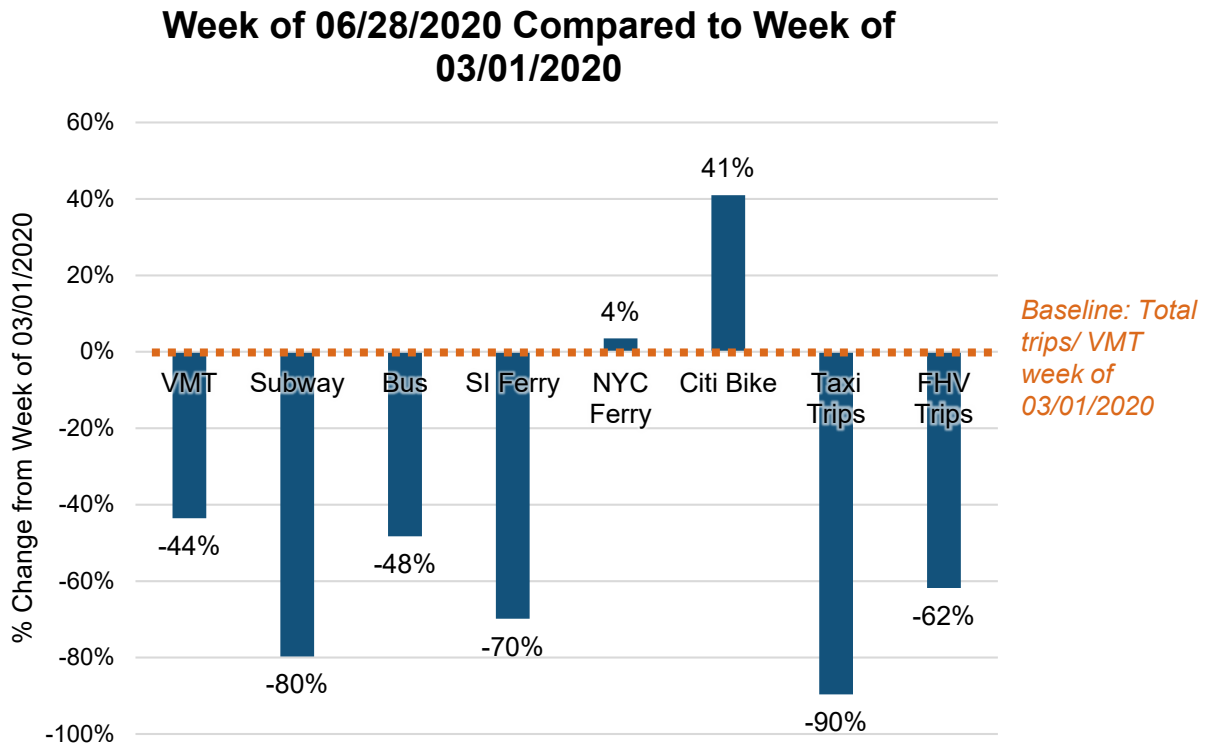
- **New York City entered Phase 3 on Monday, July 6.** All modes of travel are up substantially over early June.
- As of the week of June 28, **bus ridership was at almost 50 percent of pre-COVID ridership**, from a low of 25 percent. Subway ridership remains close to 80 percent down from pre-COVID volumes.
- Subway ridership increased Monday, June 29 through Thursday, July 2, peaking at more than 117,000 trips on Thursday. **PM peak ridership increased by more than 70 percent over early June in some neighborhoods**, including the Manhattan CBD, Downtown Brooklyn, St. George Staten Island, and Rego Park.
- The first week of July saw over **111,000 Staten Island Ferry riders**, or about a quarter of ridership compared to the same time last year. This represents a 6 percent increase, or **6,350 additional riders**, from the previous week.
- NYC Ferry average weekday ridership **increased by 9 percent**, while average weekend ridership **increased by 67 percent over the previous week, likely due to the July 4th holiday**. Average weekend ridership recovered **over 60 percent** of its ridership compared to the same time last year.
- **July 6th saw generally higher traffic speeds than the previous Monday,** though speeds were considerably lower during the 5pm hour than in previous weeks.
- **Air travel has begun a slight recovery**, beginning in early June. **Volumes are still very depressed**, and down about 85 percent system-wide year-over-year.
- According to cell phone mobility data, **nearly every neighborhood has seen an increase in visitors** from other neighborhoods since mid-April. An analysis of SafeGraph mobility data indicates a **14 percent increase in visits to restaurants participating in the "Open Restaurants" program** during its first week of operation.
- **Social Distancing Complaints, continue to decline**. The week of June 29 saw the lowest weekly total since the start of this complaint category in late March. Social Distancing complaints decreased by 11 percent compared to the previous week.

Citywide Trends

Citywide Trends

- New York City entered Phase 3 on Monday, July 6. Use of all modes of travel was up substantially over early June.
- As of the week of June 28, bus ridership was at almost 50 percent of pre-COVID ridership, from a low of 25 percent. Subway ridership remains close to 80 percent down from pre-COVID volumes.

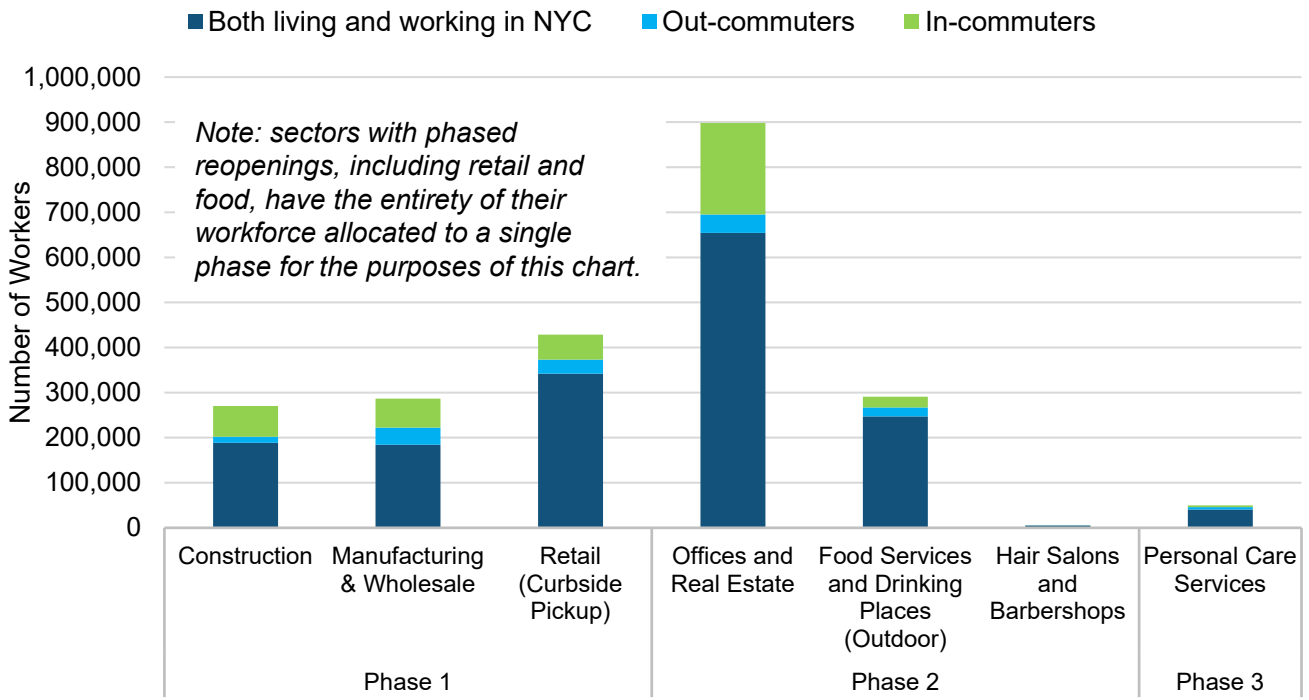




*Note: VMT for the most recent week is a sum from 06/27/2020 (Sat) to 07/03/2020 (Fri), not the same Sun-to-Sat week period for the other modes, as the VMT on 07/04/2020 is not yet available. Data sources: StreetLight (VMT), MTA (Subway, Bus), EDC (NYC Ferry), DOT (Citi Bike, SI Ferry)

Reopening Analysis Introduction

- On June 8, New York City entered Phase 1 of its economic reopening, followed by Phase 2 on June 22 and Phase 3 on July 6.
- Workers associated with each phase may join essential workers across all industries who have been permitted to work through the PAUSE, with certain limitations around occupancy.
- Pre-COVID19 Census data indicate that approximately 1 million workers who either live or work in NYC were allowed to return to work in Phase 1, and 1.7 million in Phase 2. These phases are not mutually exclusive, as retail workers appear in both. An additional 50,000 workers associated with personal care services not included in prior phases may be added as part of Phase 3.
- These are not estimates of who might be commuting to work as a result of the phased reopening.



Phase One
June 8

- Construction
- Manufacturing
- Wholesale Trade
- Retail - (Limited to curbside or in-store pickup or drop off)
- Agriculture, Forestry, Fishing and Hunting (n/a in NYC)

Phase Two
June 22

- Offices
- Real Estate
- Commercial Building Management
- Food and Dining (outdoor)
- Retail (in-store)
- Vehicle Sales, Leases, and Rentals
- Retail Rental, Repair, and Cleaning
- Hair Salons and Barbershops

Phase Three
July 6

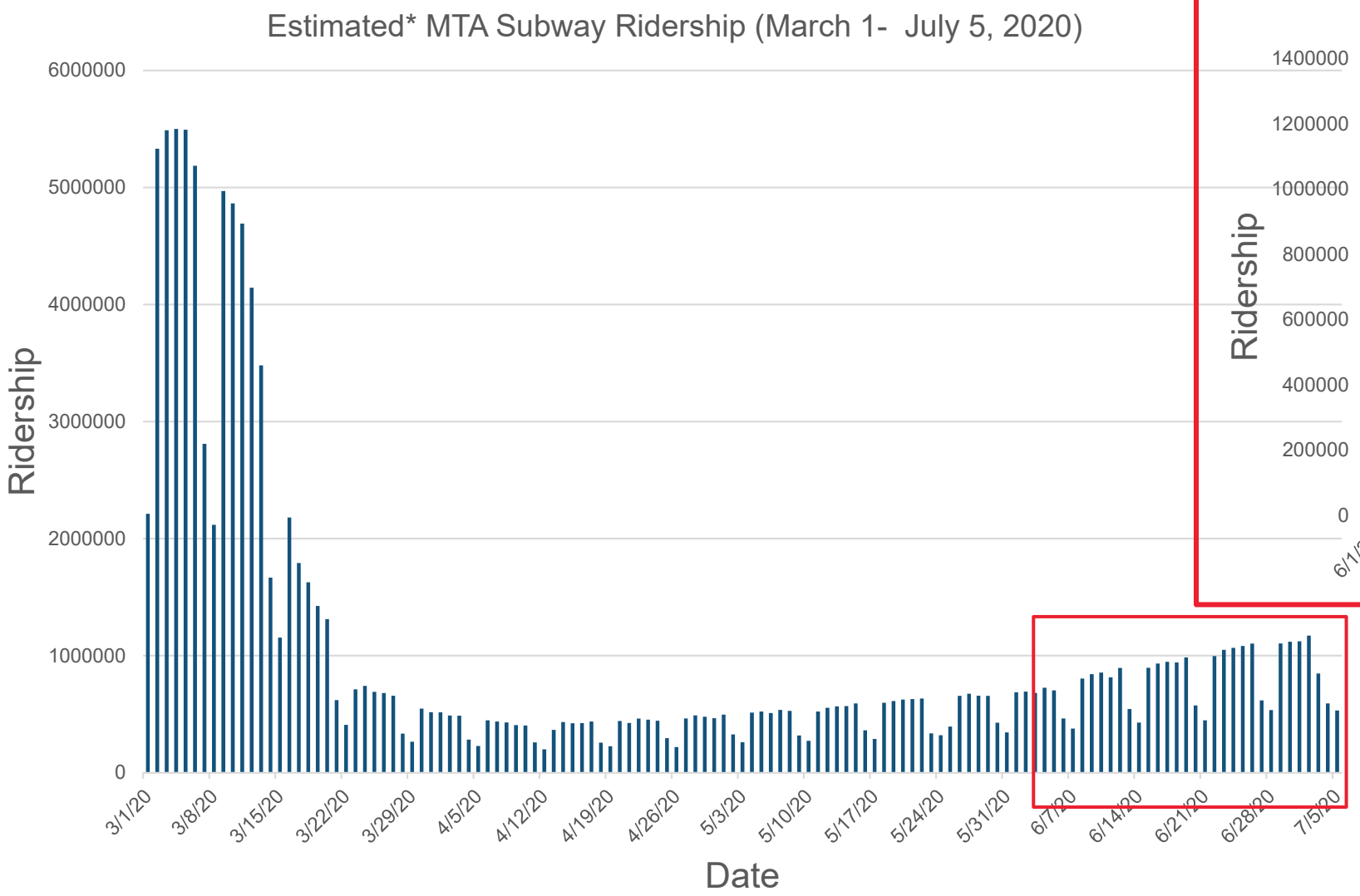
- Beauty Salons
- Nail Salons and Other Personal Care Services

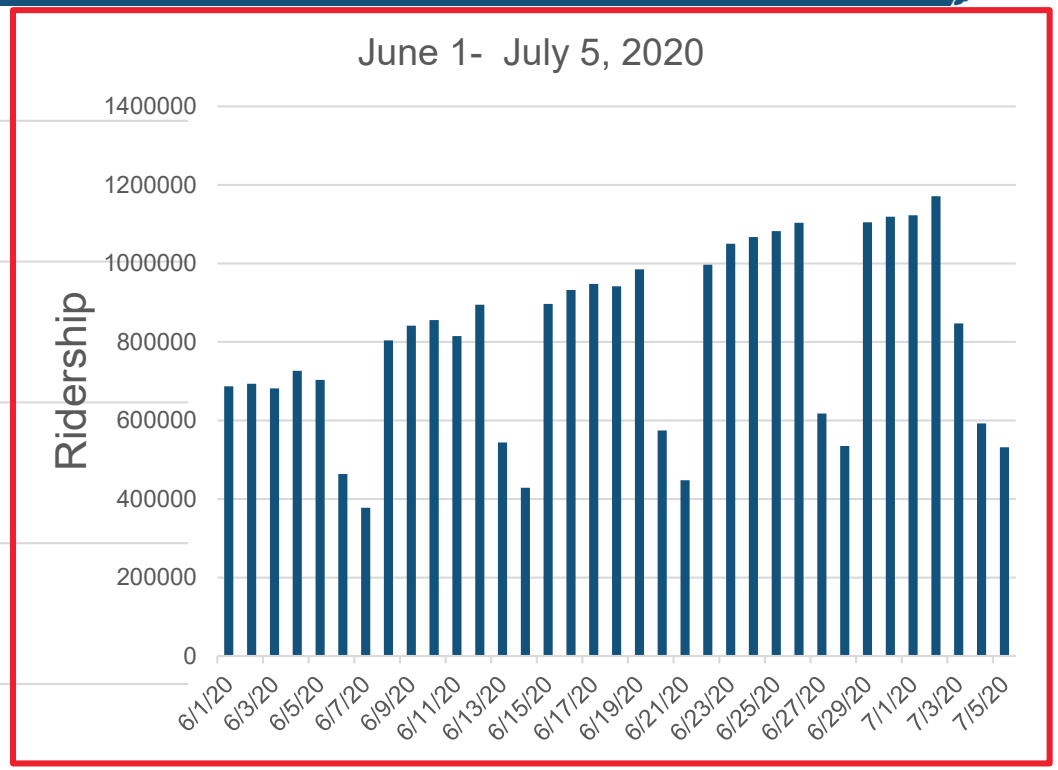
Source: NY Forward. https://forward.ny.gov

Data source: U.S. Census Bureau, 2014-2018 American Community Survey-- Public Use Microdata Sample. Universe: workers who either live or work in NYC. (*in-commuters live outside NYC and work within; out-commuters live in NYC and work outside).*

Subway and Bus

Subway System-wide Ridership Changes





- Weekday subway ridership for the week of June 29 was up 1 percent over the previous week while the weekend ridership was down 2.5 percent. Increases were likely suppressed by the July 4th holiday observance on July 3.
- Despite the holiday, subway ridership increased Monday, June 29 through Thursday, July 2, peaking at more than 117,000 trips on Thursday.

*From the MTA: Subway ridership figures are determined from MetroCard and OMNY swipes and taps. Figures from recent days may be revised as data reconciliation processes are carried out. Data sources: MTA (https://new.mta.info/coronavirus/ridership)

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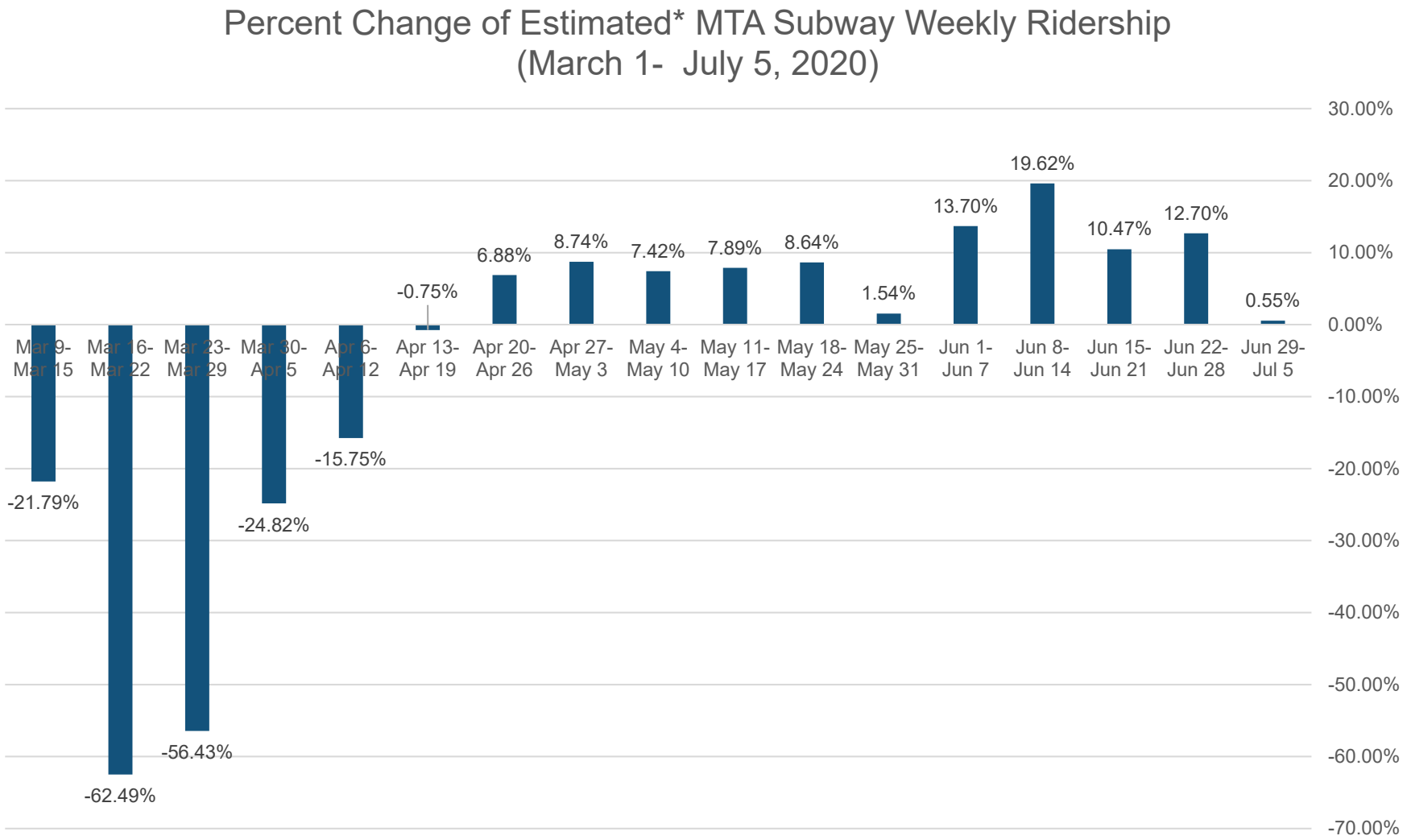

- Subway ridership has been increasing week-over-week since mid-April. The greatest percent increase in ridership over the previous week occurred the week of June 8th, the first week of Phase 1.
- Total Ridership the week of June 29th was nearly steady over the previous week, likely attributed to the July 4th holiday.

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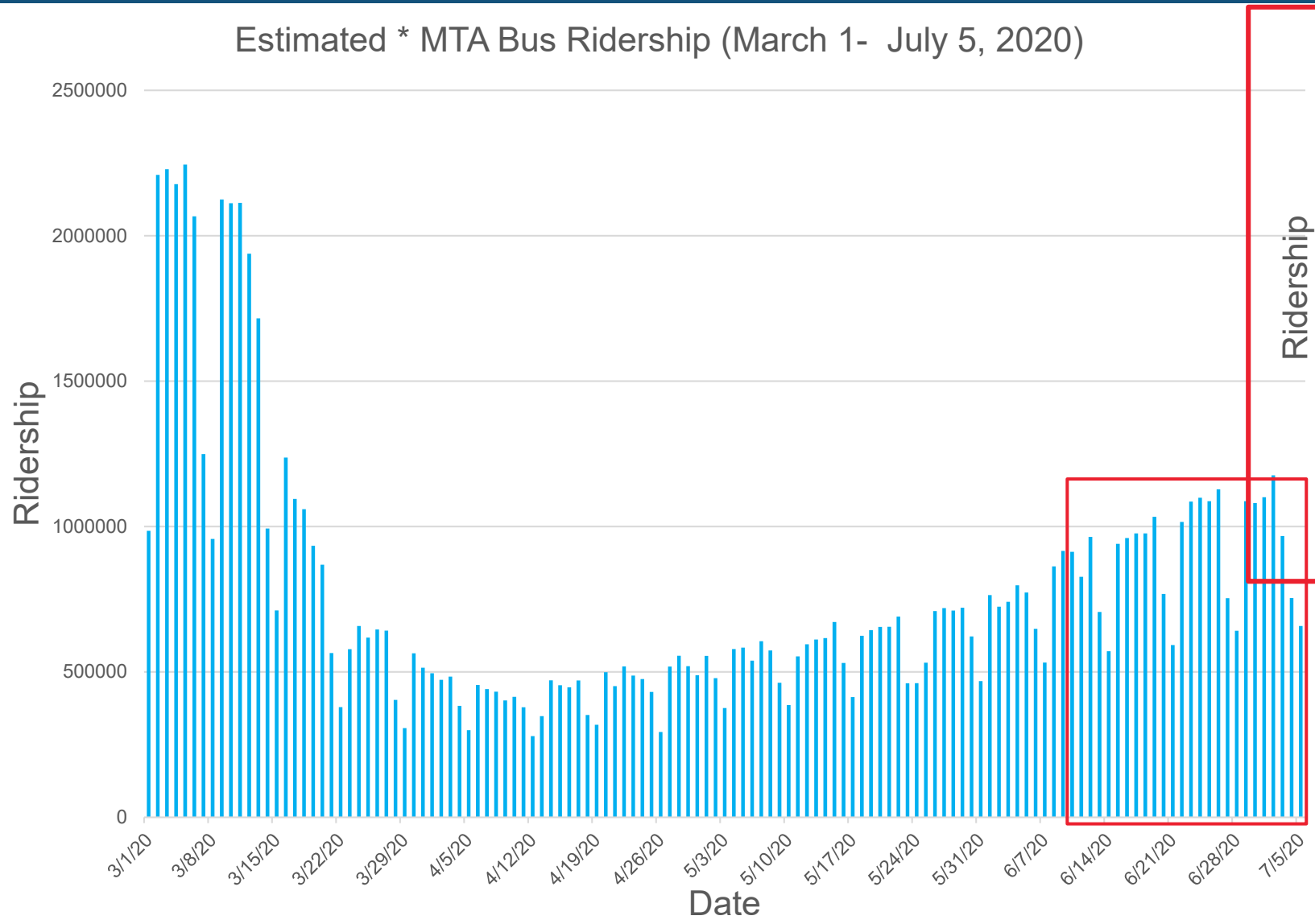
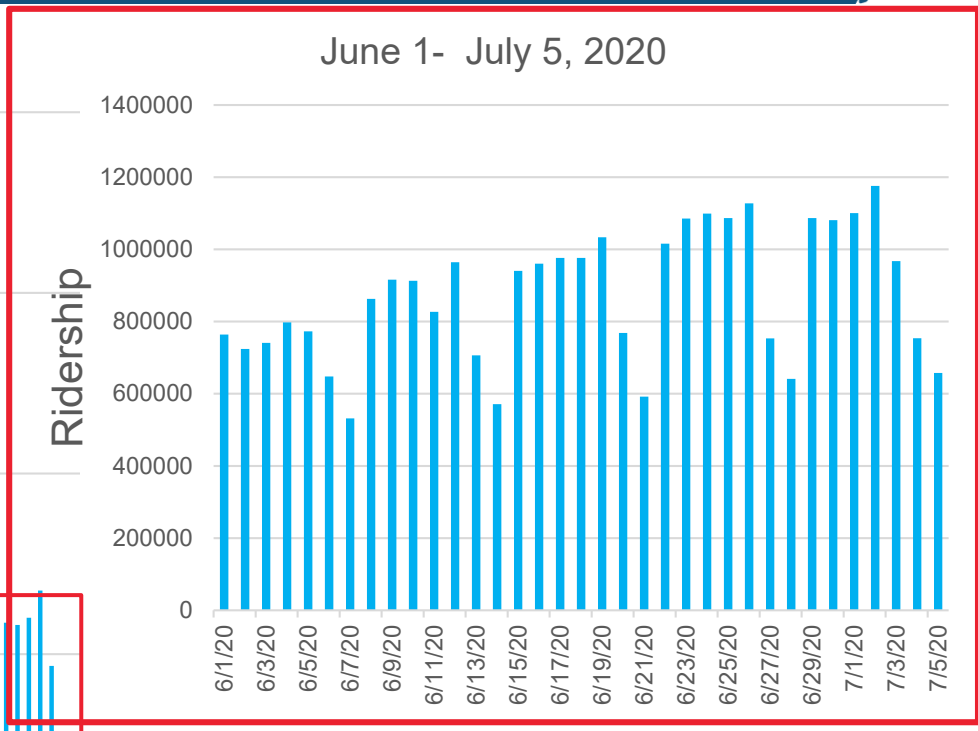
MTA Bus System-wide Ridership Changes





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*From the MTA: Current bus ridership figures are estimated from models that use MetroCard and OMNY swipes and taps and Automatic Passenger Counter data that is available on a portion of our bus fleet. These figures are indicative of ridership but not a precise count. Figures from recent days may be revised as reconciliation processes are carried out. Data sources: MTA (https://new.mta.info/coronavirus/ridership)

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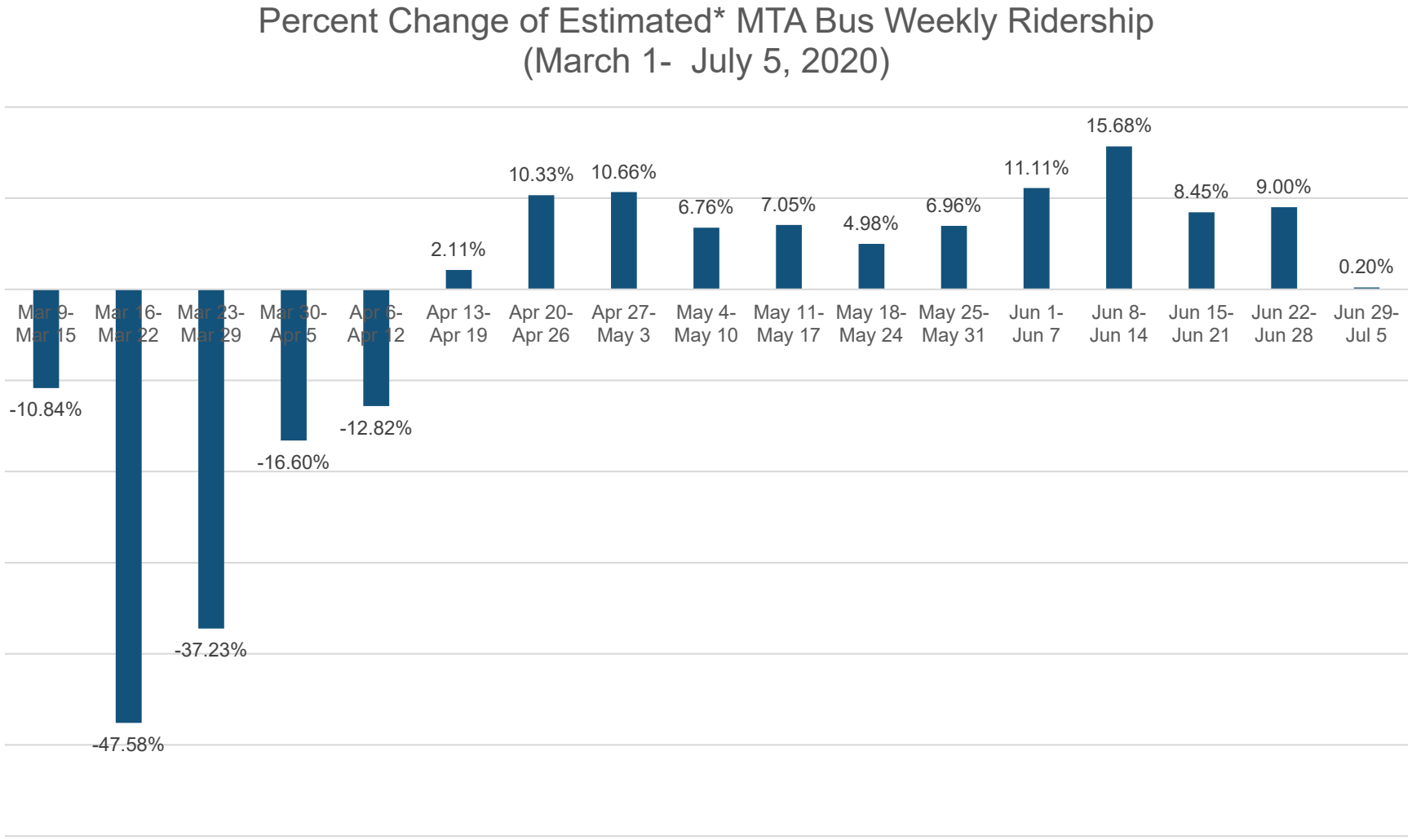

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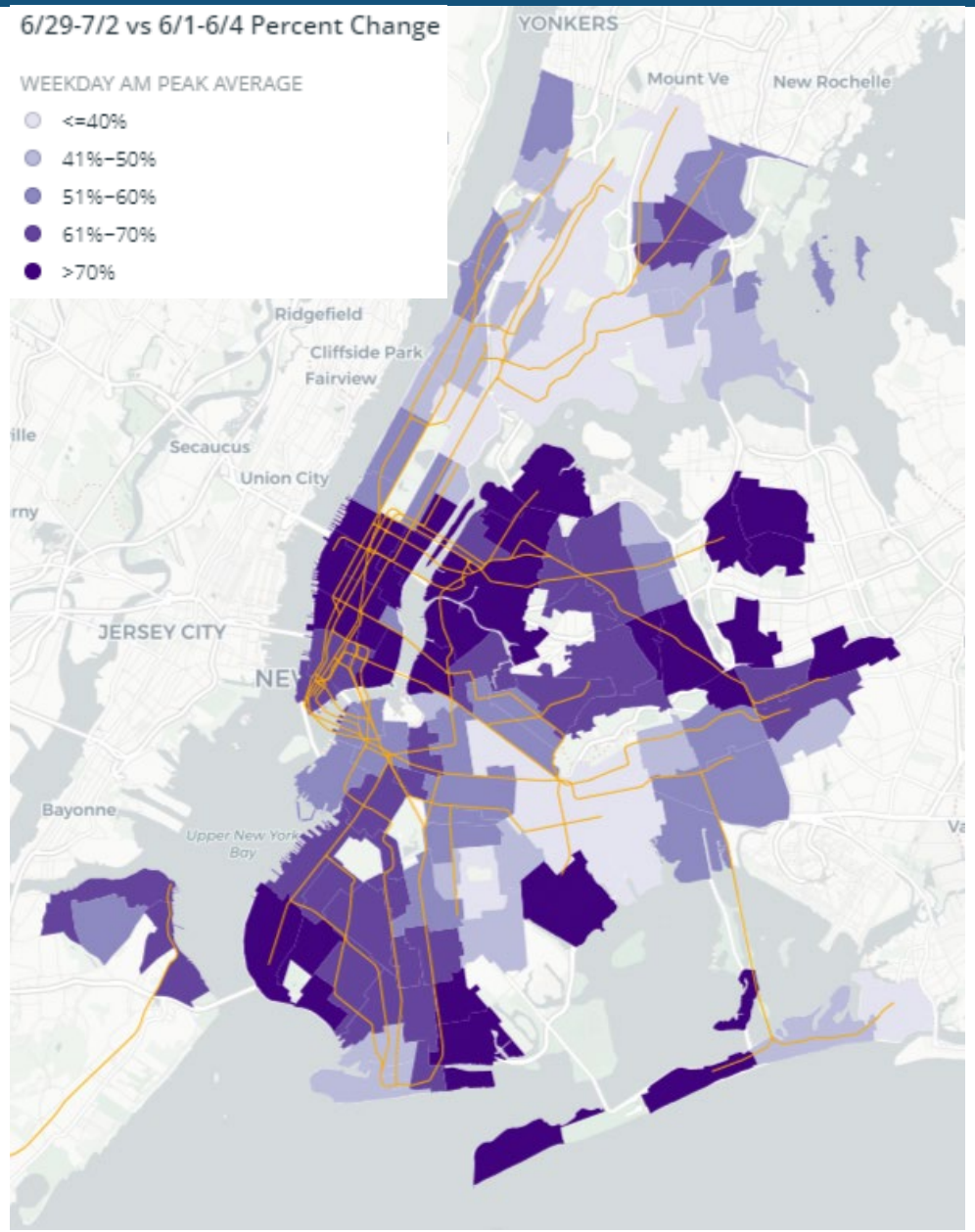
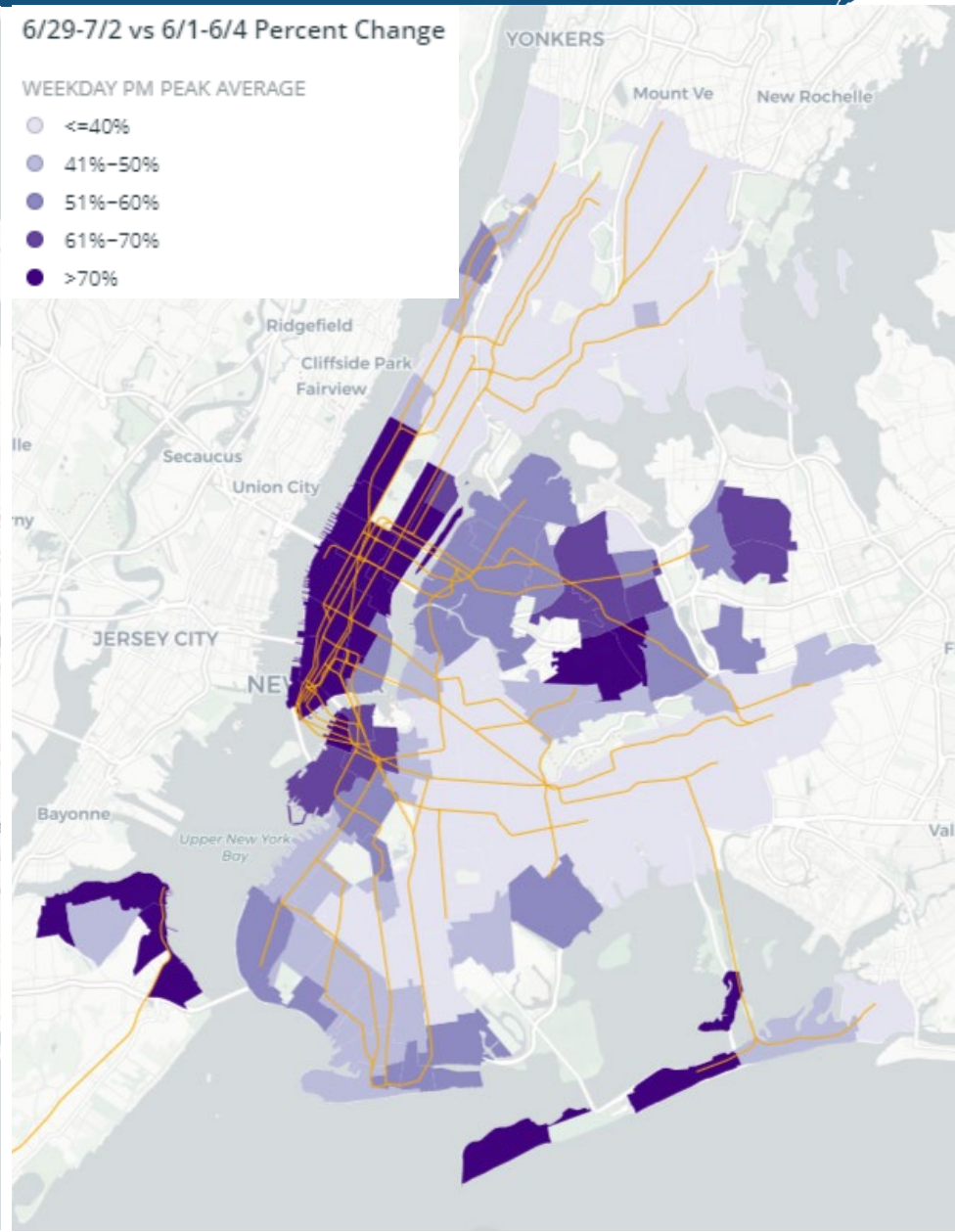
Weekday AM and PM Peak Turnstile Data – Comparisons with early June

- The maps on the right illustrate changes in AM and PM peak ridership by neighborhood during the week of June 29 compared to the first week in June.
- AM peak ridership has increased by more than 70 percent since the start of June in some neighborhoods, including the Manhattan CBD, Greenpoint, Long Island City, Astoria, Flushing, and parts of south Brooklyn.
- PM peak ridership – an indicator of where people are commuting home from – increased by more than 70 percent in the Manhattan CBD, Downtown Brooklyn, St. George Staten Island, and Rego Park.

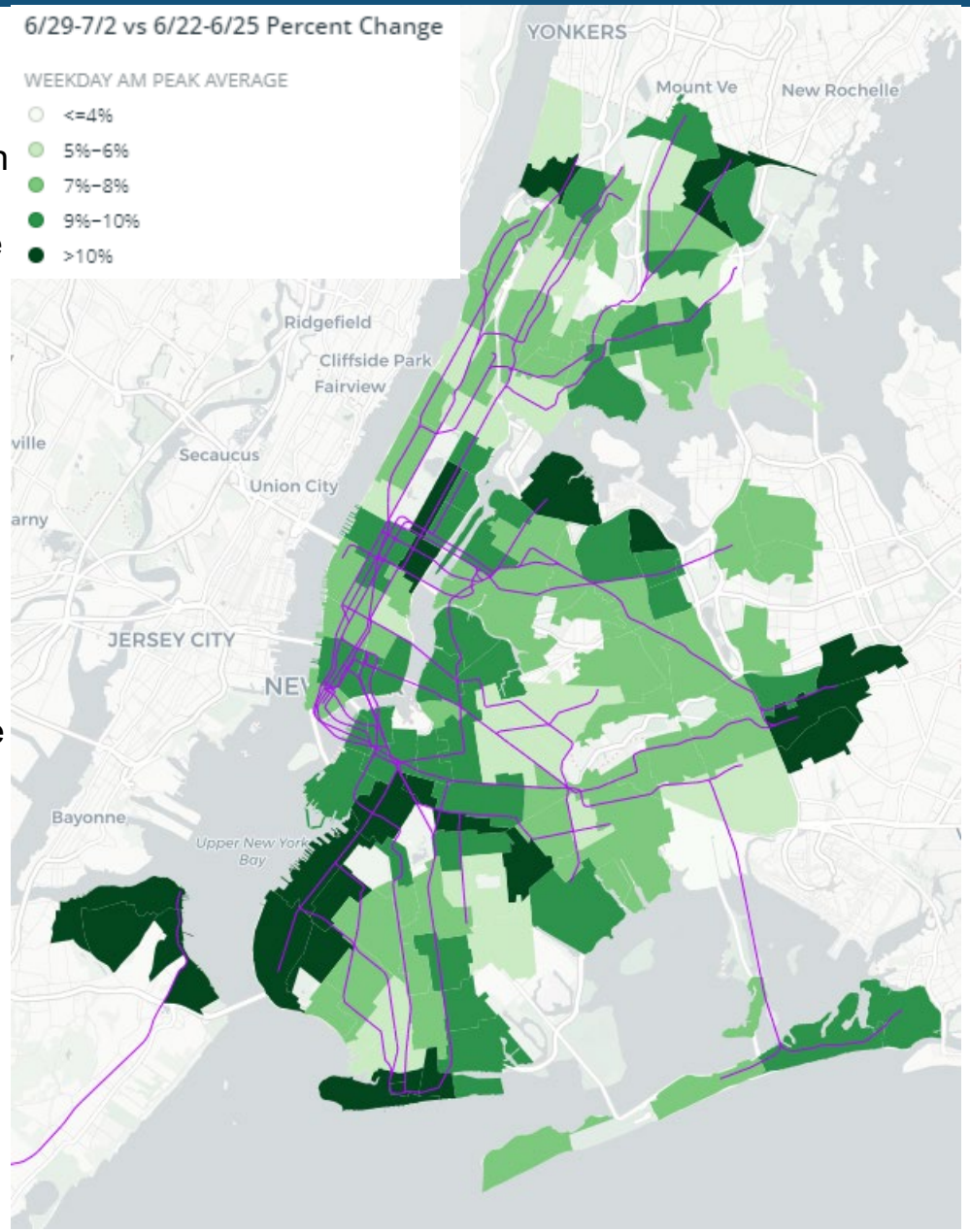


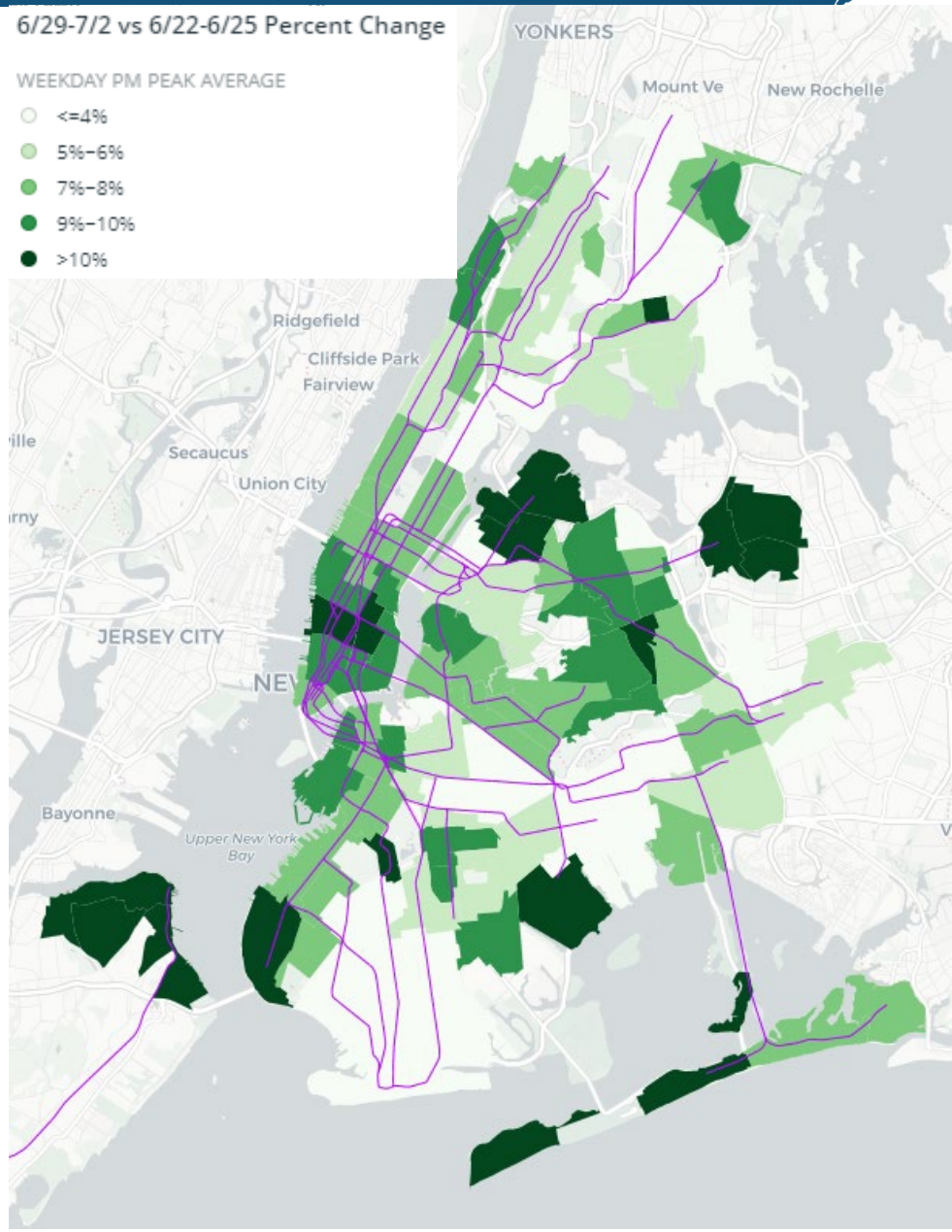


Data sources: MTA Turnstile data (http://web.mta.info/developers/turnstile.html)

Weekday AM and PM Peak Turnstile Data – Comparisons with Previous Week

- Additional neighborhoods show substantial increases in AM and PM peak ridership the week of June 29 over the previous week.
- AM peak ridership has increased by more than 10 percent along much of the R train line in Brooklyn, in Jamaica, and South Crown Heights and portions of East New York.
- PM peak ridership – an indicator of where people are commuting home from – increased by more than 10 percent around Union Square, and in Bay Ridge, Astoria, and Flushing.

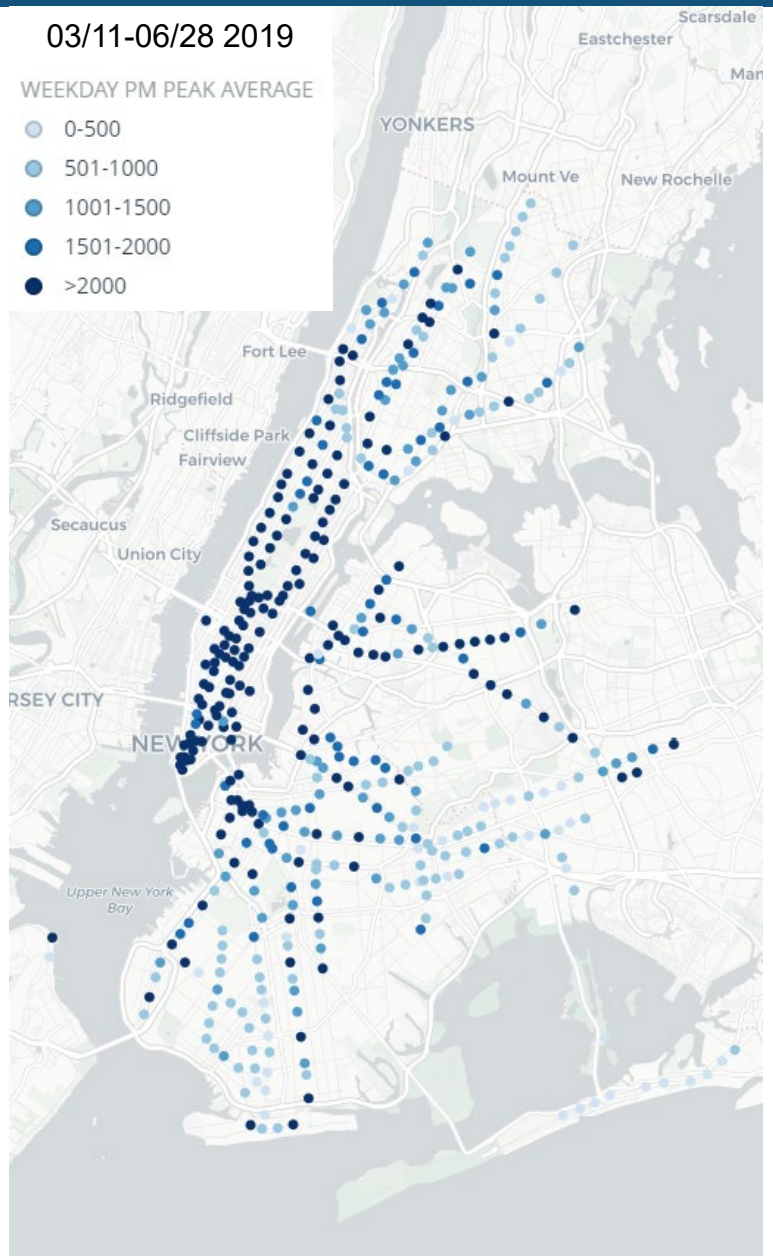




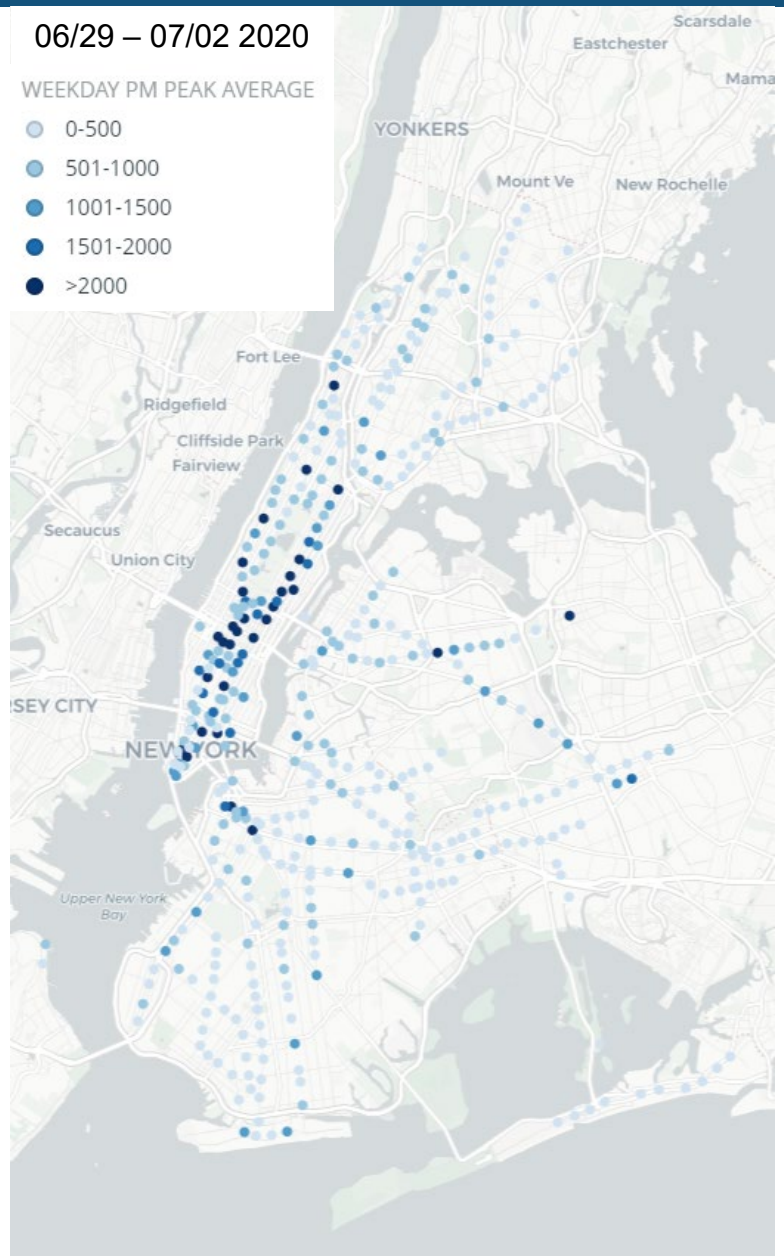
Data sources: MTA Turnstile data (http://web.mta.info/developers/turnstile.html)

Weekday PM Peak Turnstile Data

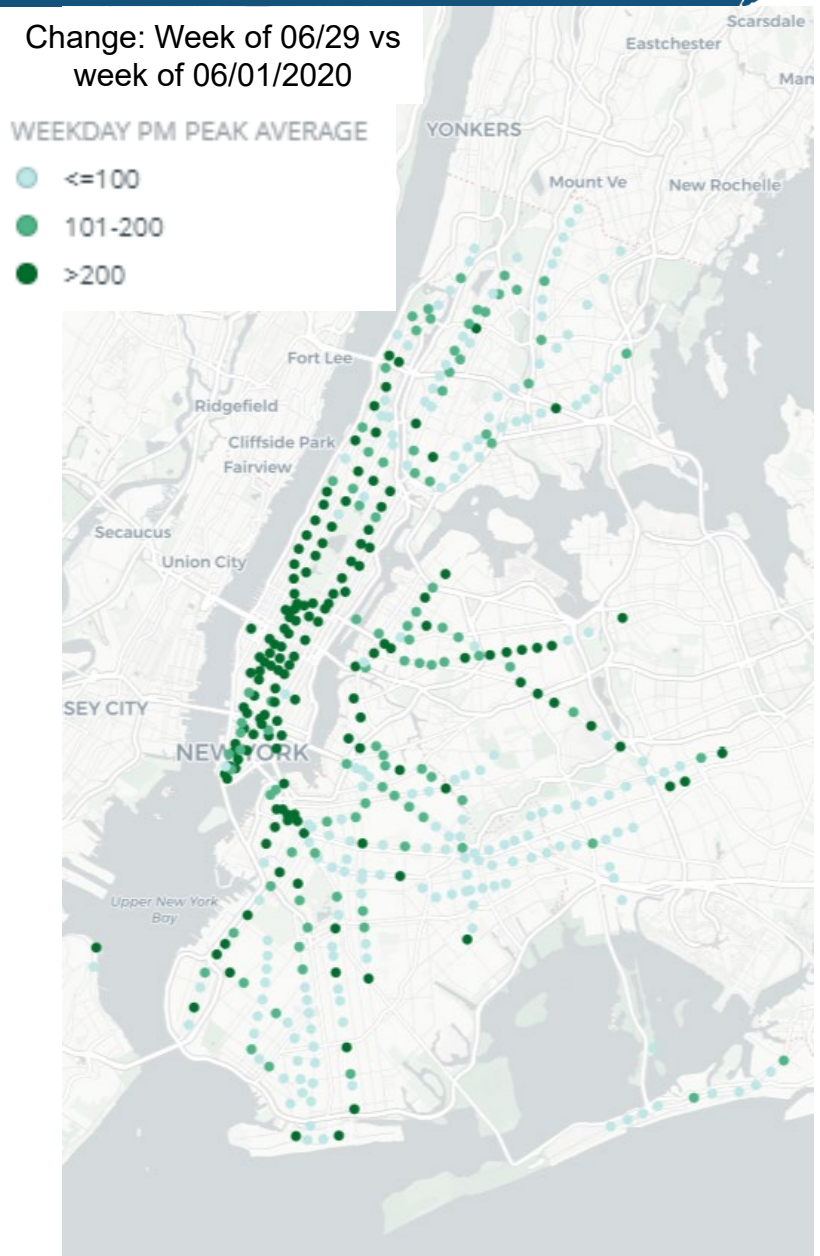
03/11-06/28 2019



06/29 – 07/02 2020



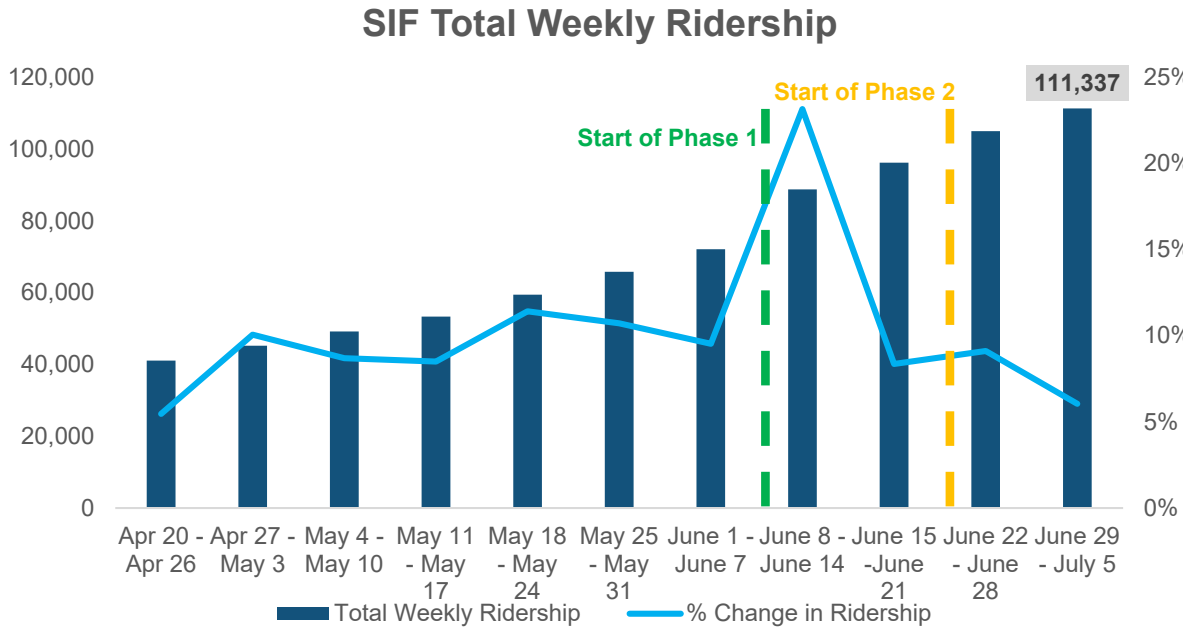
Change: Week of 06/29 vs week of 06/01/2020



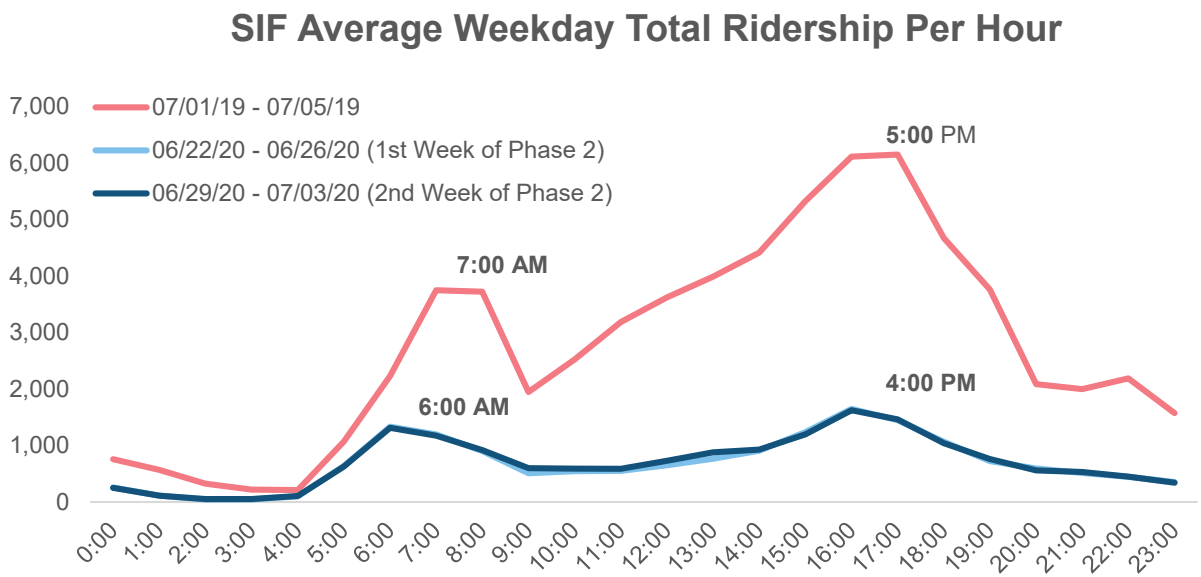
Data sources: MTA Turnstile data (http://web.mta.info/developers/turnstile.html)

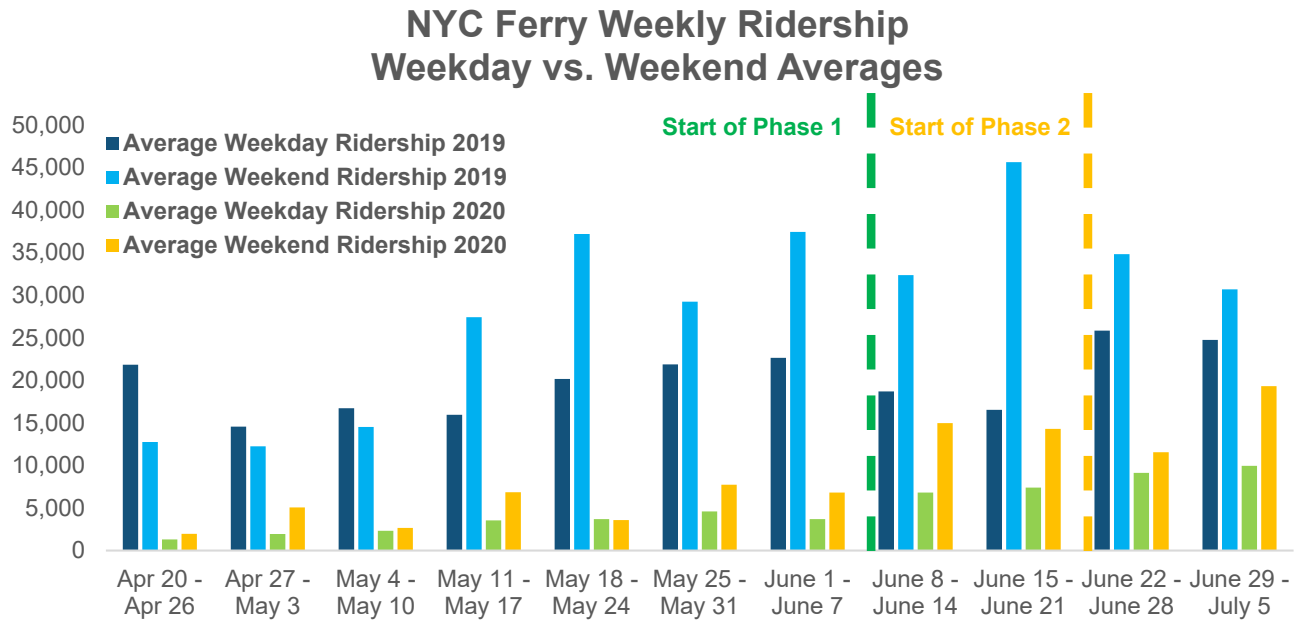
Ferry

The Staten Island Ferry and NYC Ferry



- The first week of July saw over **111,000 Staten Island Ferry riders**, or about a quarter of ridership compared to the same time last year. This represents a 6 percent increase, or **6,350 additional riders**, from the previous week.
- Peak hour total ridership remained **at 6:00 am for the morning** and remained at **4:00 pm in the afternoon**. Average 6:00 am morning ridership recovered nearly **60 percent of its ridership** compared to the same time last year.
- NYC Ferry weekly ridership increased by almost 30 percent, or by about **20,000 new riders** compared to last week.
- NYC Ferry average weekday ridership **increased by 9 percent**, while average weekend ridership **increased by 67 percent**. Average weekend ridership recovered **over 60 percent** of its ridership compared to the same time last year.





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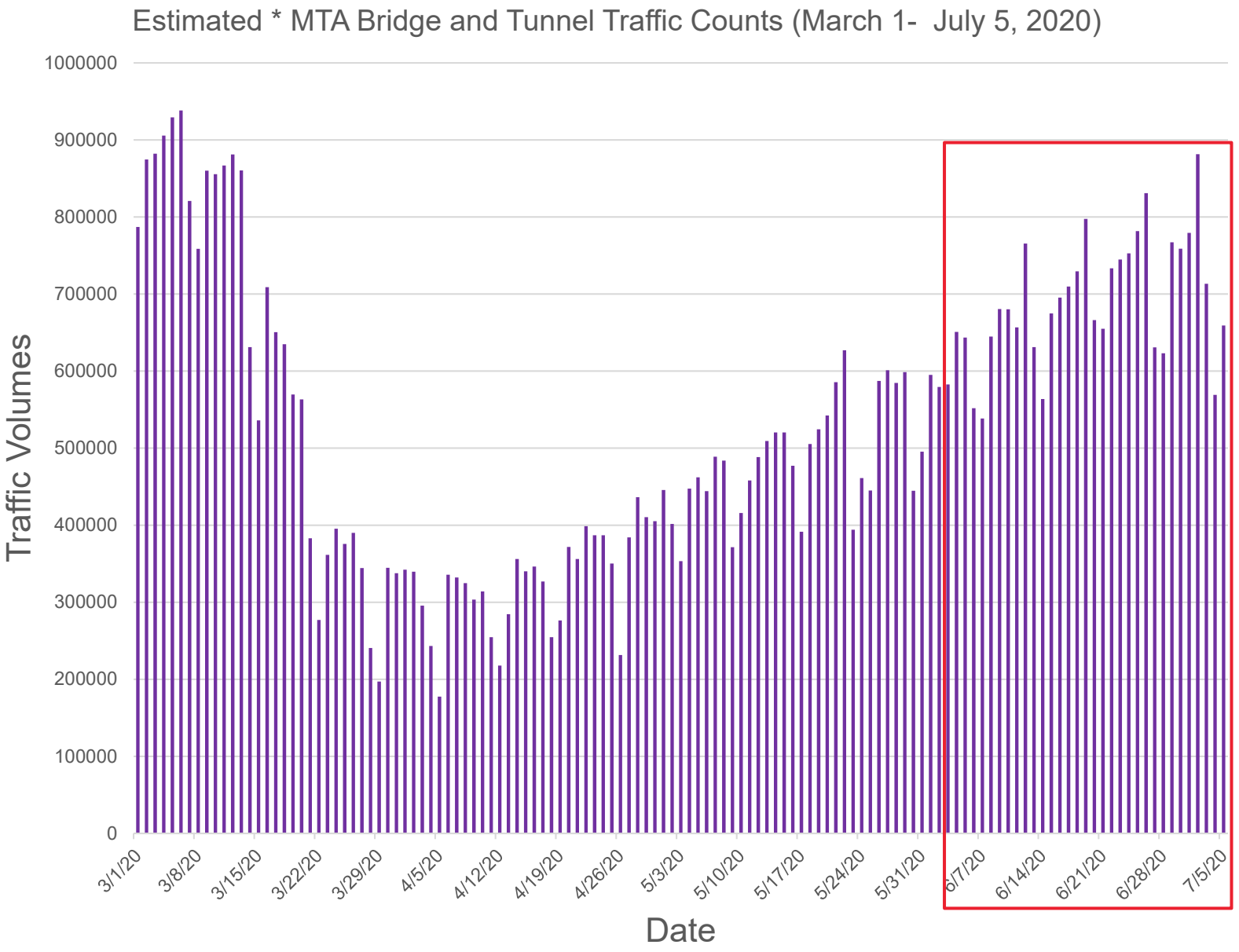
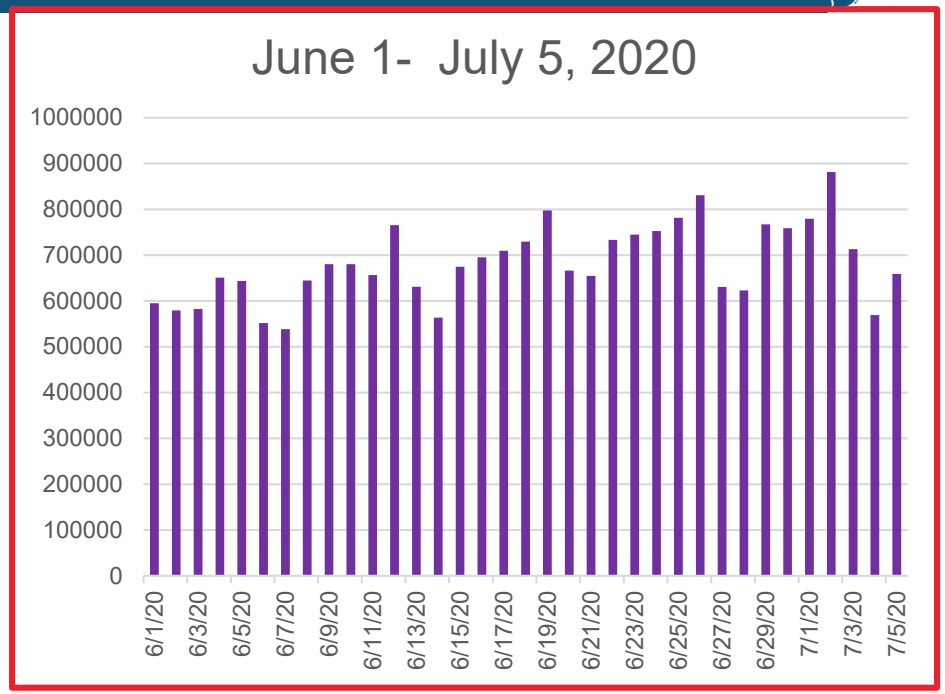
Data source: *NYCDOT; EDC*

Traffic

MTA Bridge and Tunnel Traffic Volumes

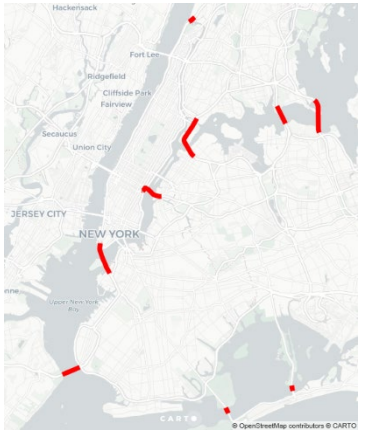




- Total weekday traffic counts during the week of June 29 were up nearly 1.5 percent over the previous week. Weekend traffic counts were down 2 percent.

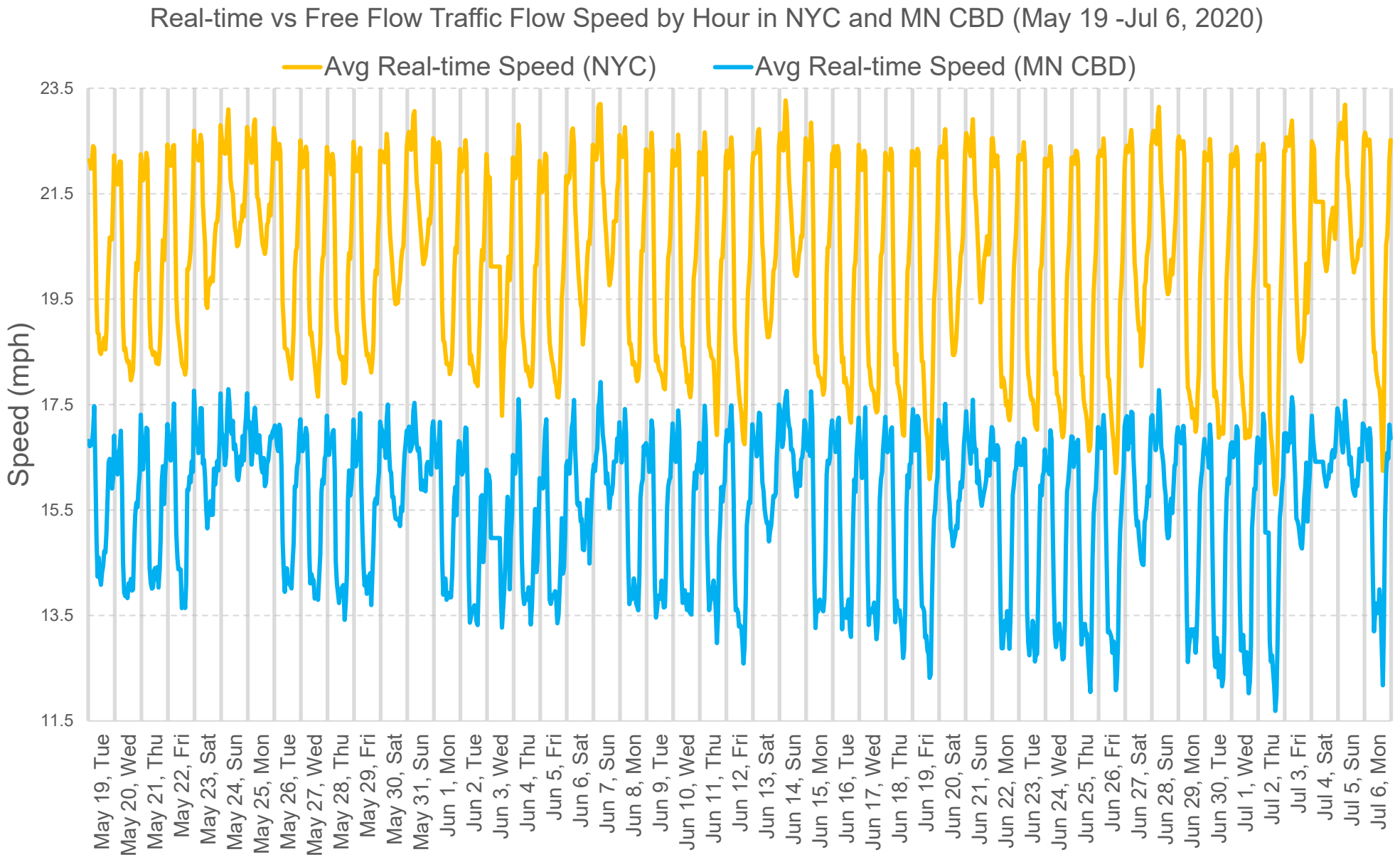
MTA crossings include:

- Bridges: Robert F. Kennedy, Throgs Neck, Verrazzano Narrows, Bronx-Whitestone, Henry Hudson, Marine Parkway-Gil Hodges Memorial, and Cross Bay Veterans Memorial bridges.
- Tunnels: the Hugh L. Carey Tunnel and the Queens Midtown Tunnel.



*Data sources: MTA (https://new.mta.info/coronavirus/ridership)

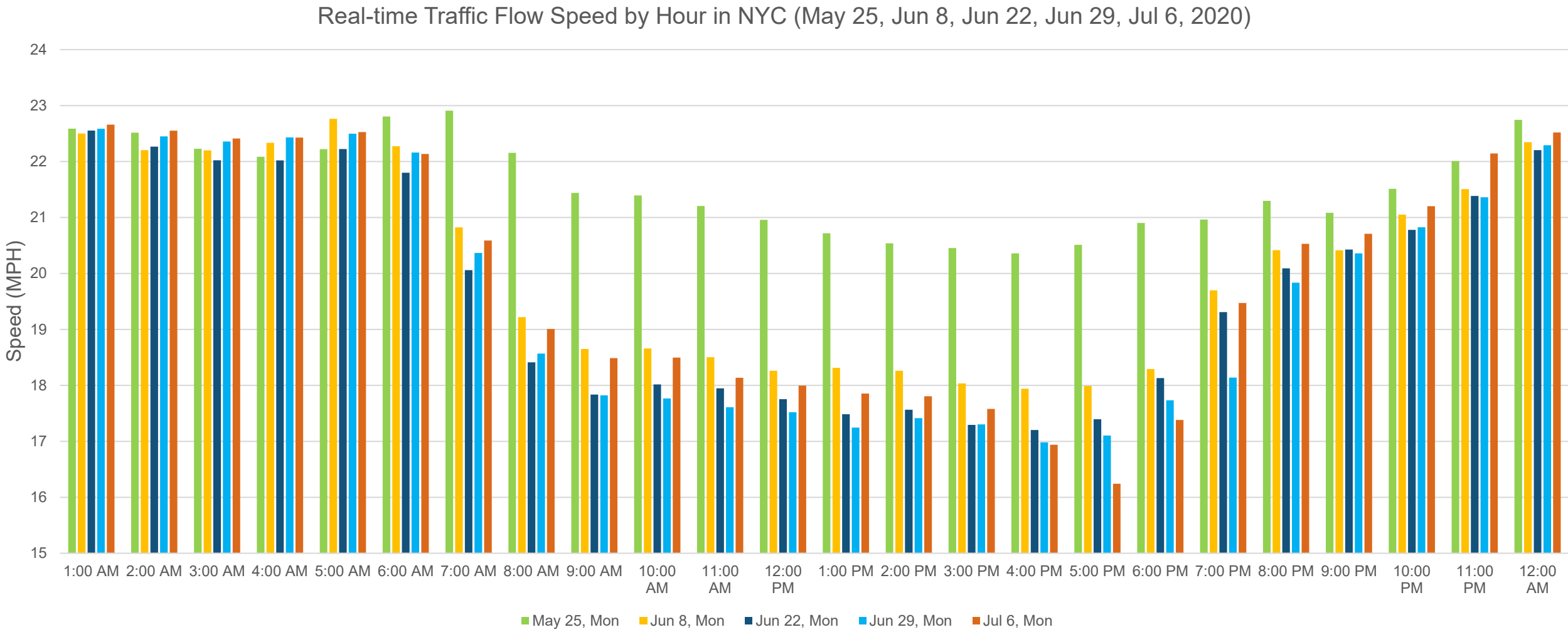
NYC Traffic Speeds



- Average traffic speeds across NYC and within the Manhattan CBD continue to decline.
- Since June 8th, weekday traffic speeds have followed a consistent trend of slowing as the week progressed.

Data sources: Here Real-Time Traffic Flow Speed Data (https://www.here.com/products/traffic-solutions)

NYC Traffic Speeds



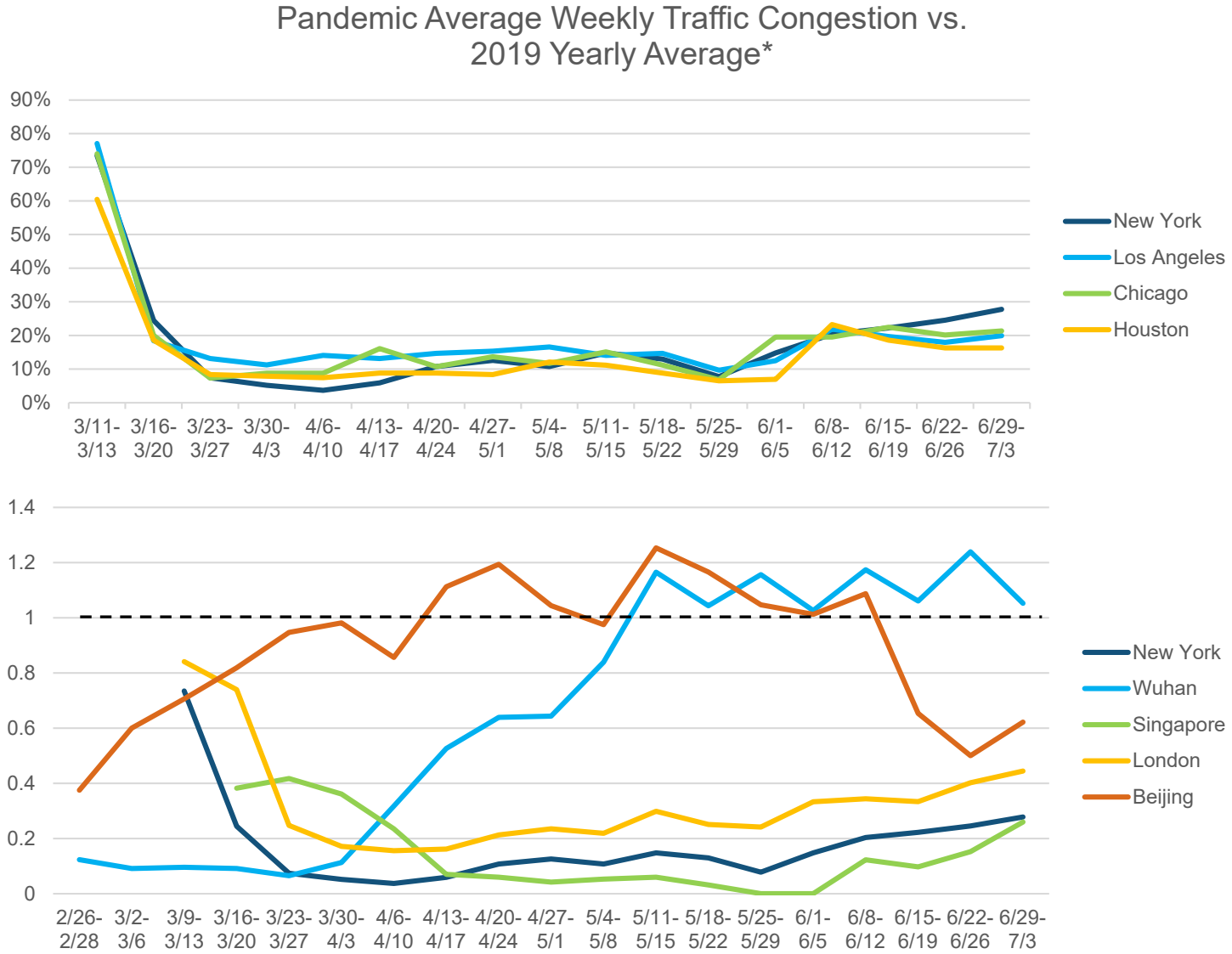
- Compared to earlier weeks, average hourly traffic flow speeds during the week of June 22-29 increased slightly during many of the overnight and early morning hours, but slowed considerably during the daytime and afternoon.

- July 6th saw generally higher traffic speeds than the previous Monday, though speeds were considerably lower during the 5pm hour than in previous weeks.

Data sources: Here Real-Time Traffic Flow Speed Data (https://www.here.com/products/traffic-solutions)

Traffic Congestion

- Congestion is a measure of the average amount of additional travel time needed to get to a destination anywhere in a city compared to free flow conditions. Zero percent represents free flow speeds.
- After a significant initial decline in congestion in March, all four U.S. cities measured here saw increases in June.
- On the bottom chart, 100 percent represents 2019 yearly average congestion for each city.
- Wuhan and Beijing, which opened sooner than other world cities, have seen higher than average congestion. Congestion has subsequently fallen under Beijing's second outbreak.

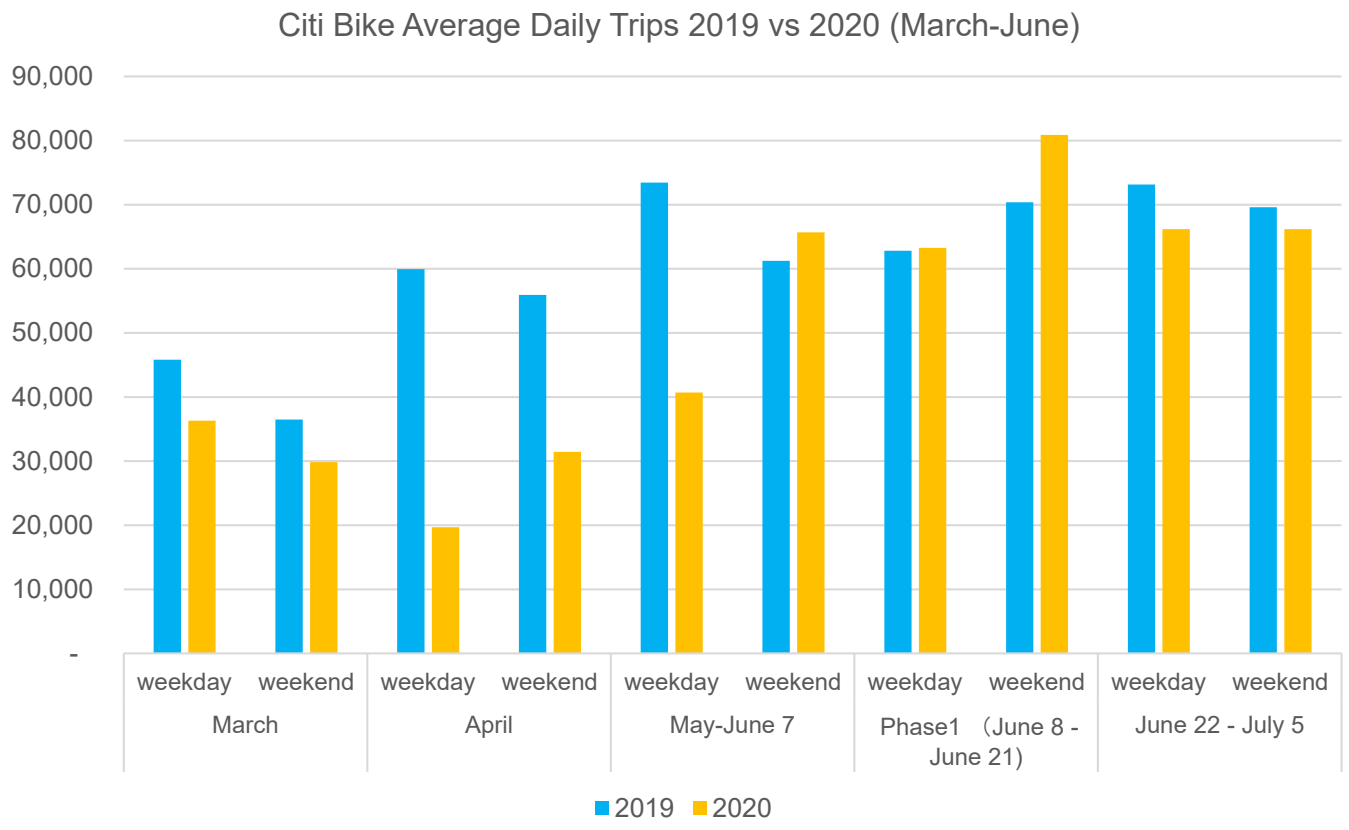


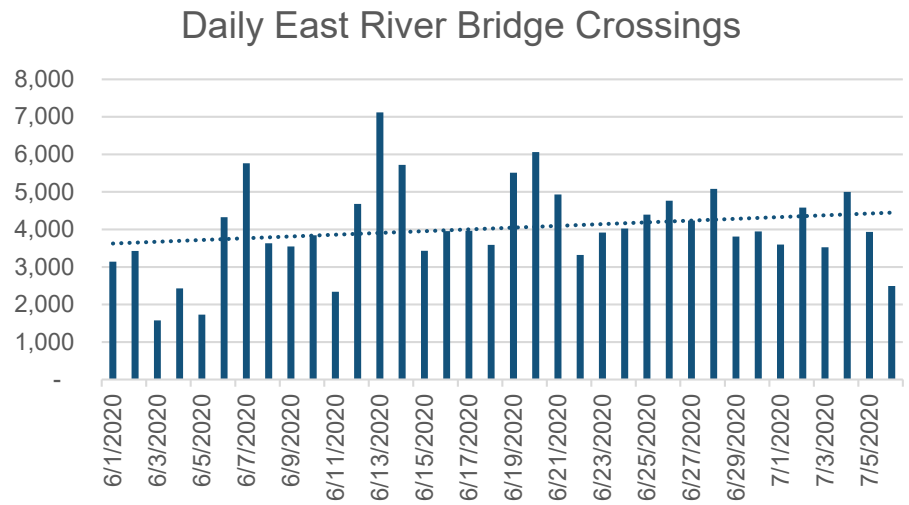
*Some weeks contain less than five days due to holidays and gaps in the data.
Data source: TomTom Traffic Index (https://www.tomtom.com/en_gb/traffic-index/)

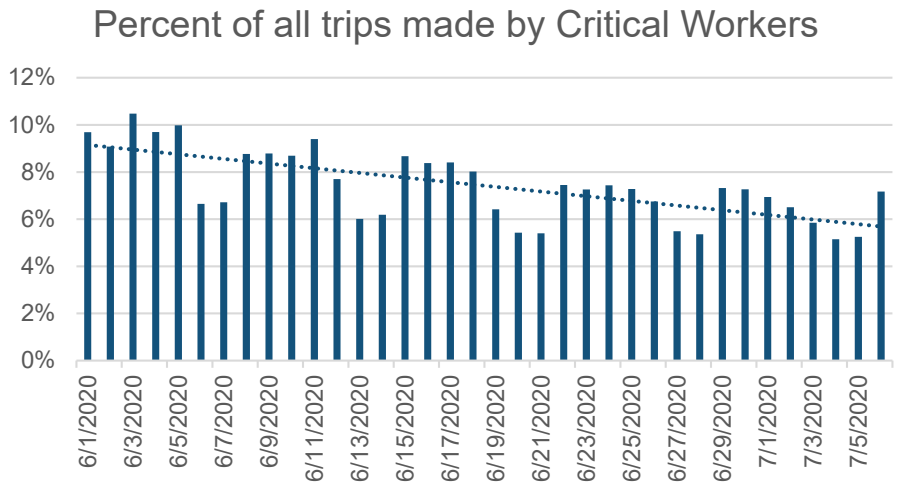
Citi Bike

Citi Bike Ridership Trends

- Citi Bike ridership in June 2020 has fluctuated compared to ridership volumes for June 2019. Much of this inconsistency may be attributed to weather.
- Citi Bike ridership on East River bridge crossings have been slowly increasing since early June 2020.
- Trips taken by Critical Workers as a percent of all riders has been declining.

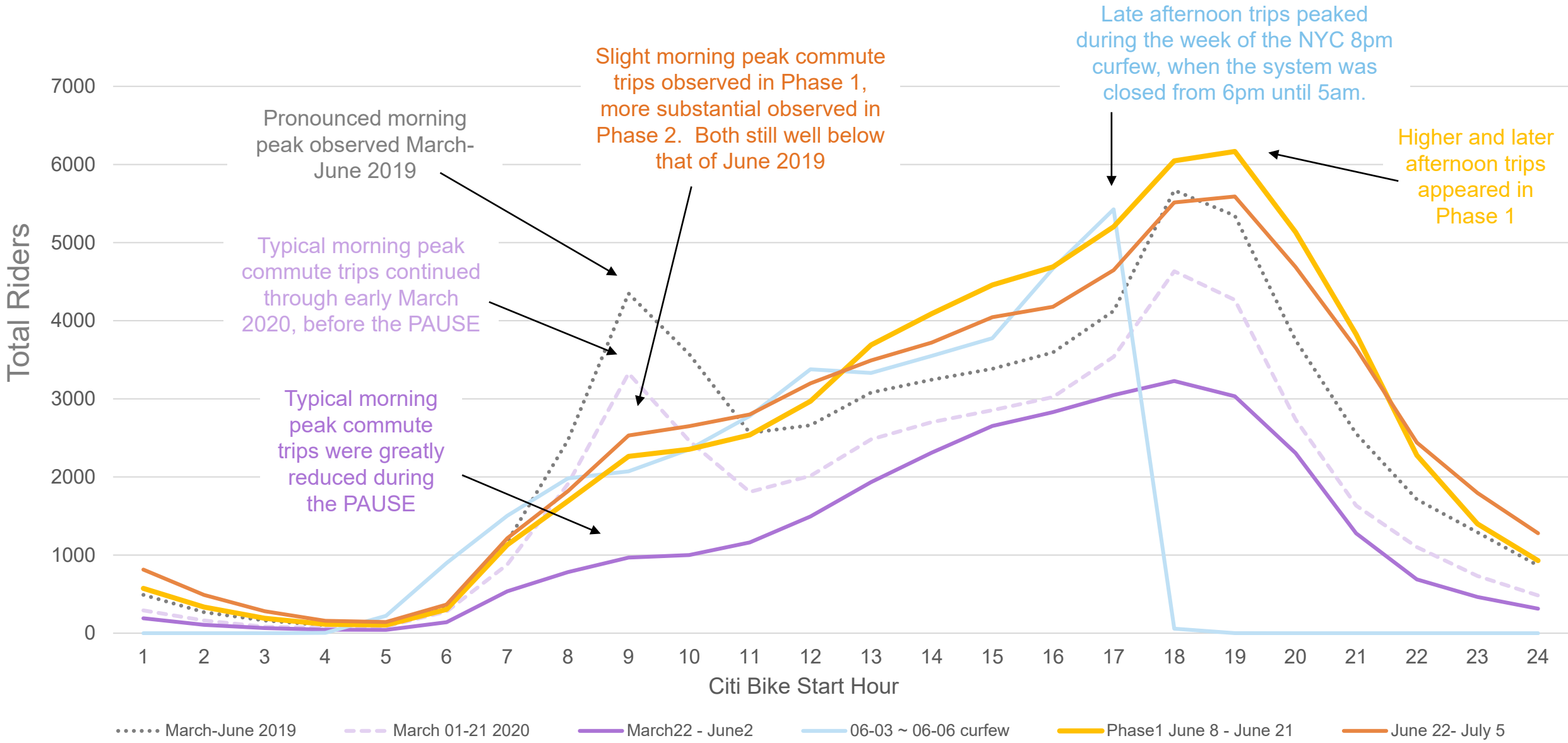






Data sources: DOT Citi Bike Data

Citi Bike Ridership by Time of Day



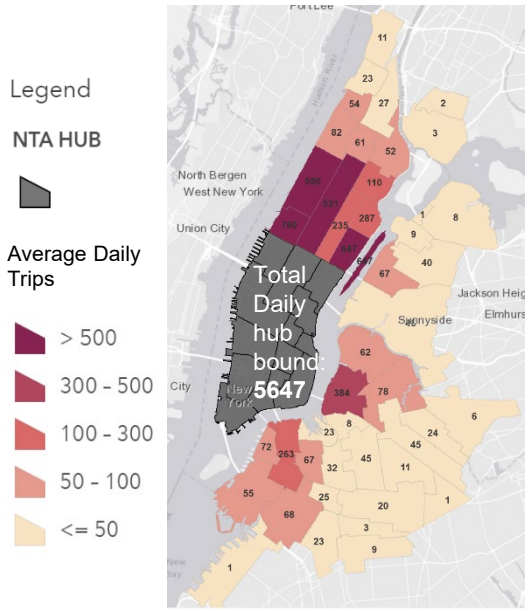
Data sources: DOT Citi Bike Data

Citi Bike Ridership Trends – Hub Bound Travel

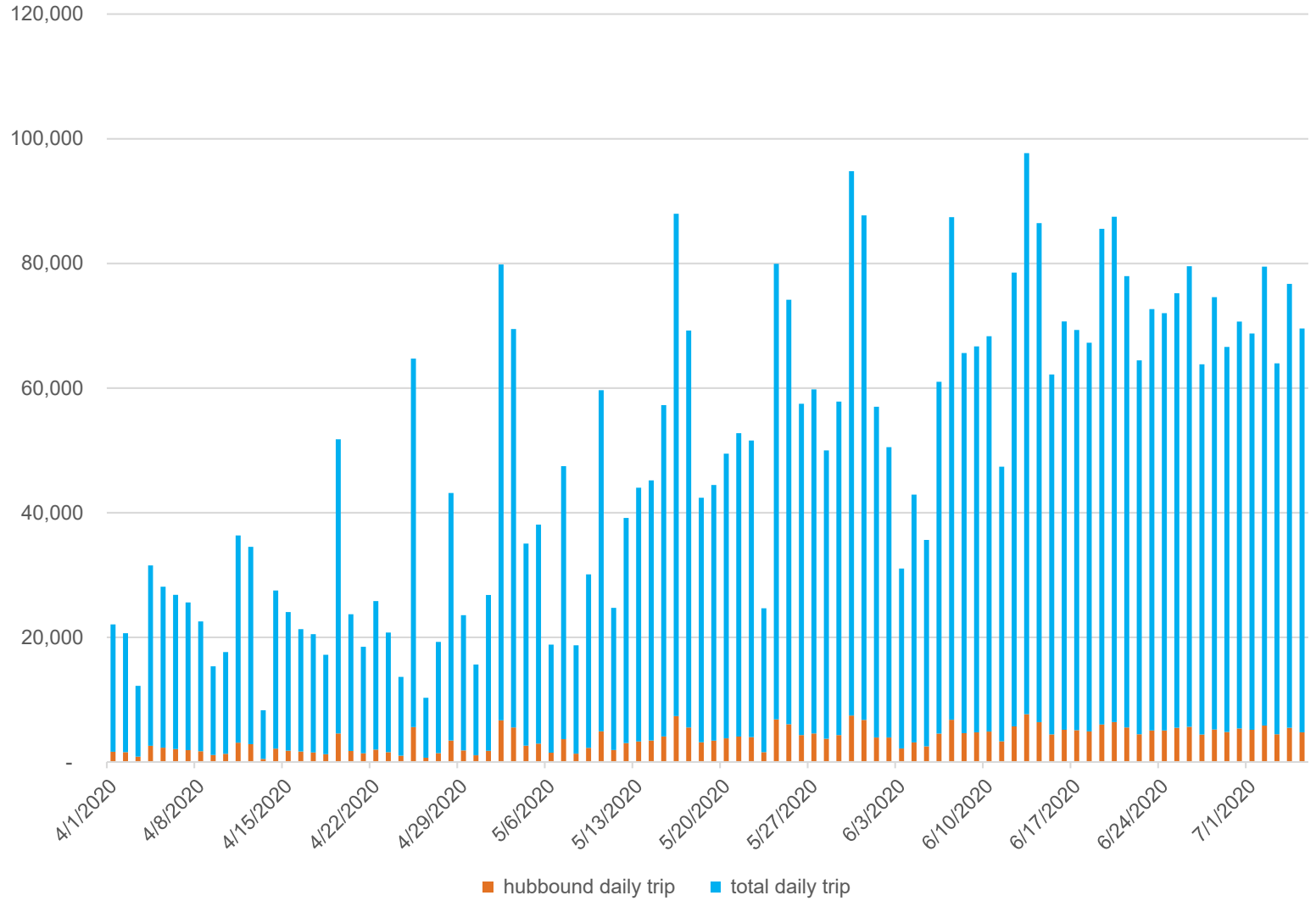
Hub Bound Daily Average Trips By NTA

- While overall Citi Bike ridership has been high through May and June, the number of trips* starting outside of the Manhattan CBD and ending within it remain low.
- The low percentage of Citi Bike trips to the Manhattan CBD from outside of it imply that only a few new hub-bound commuters have been using Citi Bike to commute in Phases 1 and 2.

June 22 – July 5 2020



Hub Bound Daily Trips vs Total Daily Trips



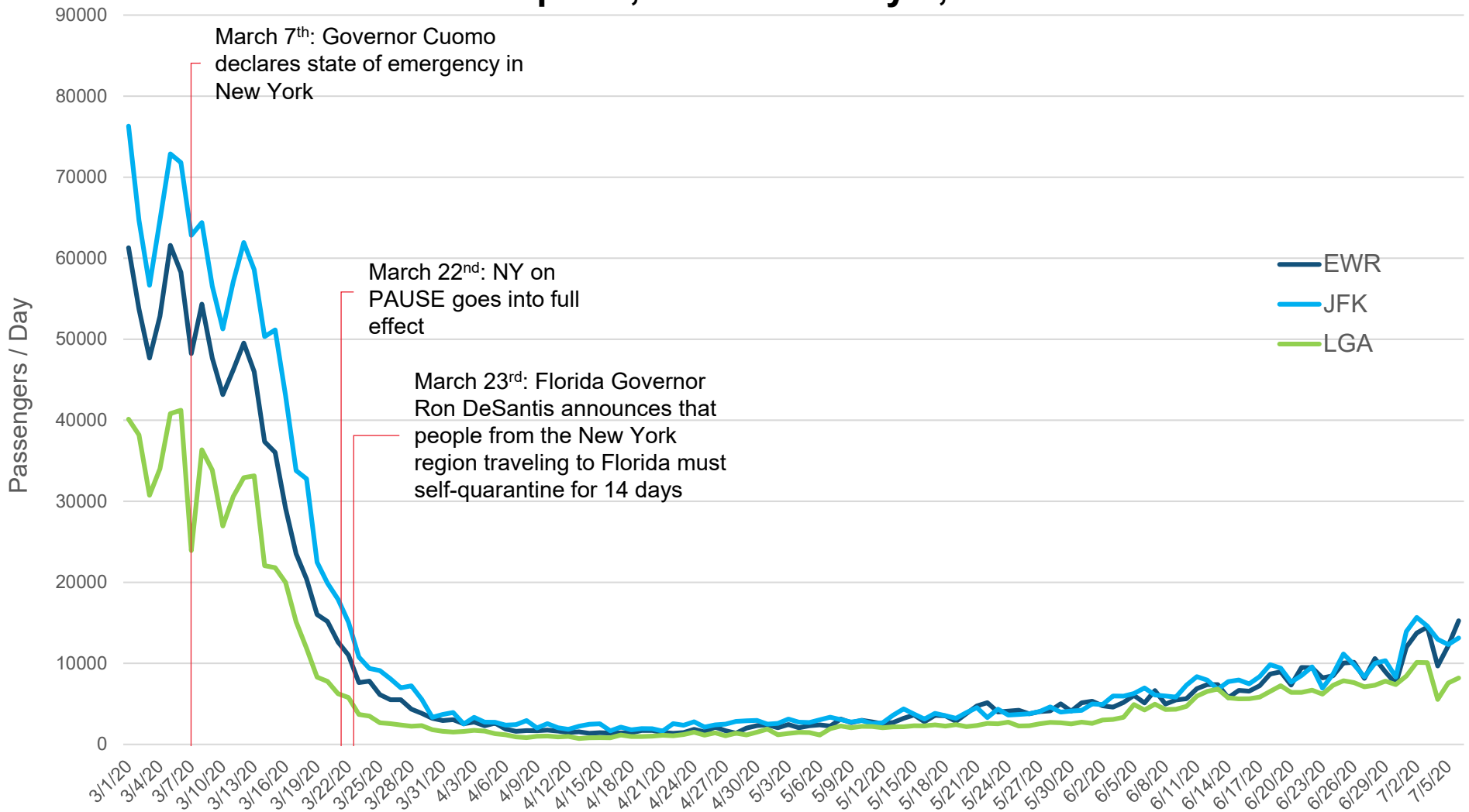
- *Hub-bound trips: trips originating outside the hub and ending inside the hub, where trip duration is greater than 1.5 min and less than 45 mins

Airports

Changes in Regional Airport Usage

- Passenger volumes at the three airports operated by the Port Authority of New York and New Jersey (PANYNJ) began a sharp decline in early- to mid-March, amid rising Covid-19 concerns and government policies aimed to control its spread.
- Air travel has begun a slight recovery, beginning in early June.
- Volumes are still very depressed, and down about 85 percent system-wide year-over-year.

Estimated* Daily Passenger Throughput at Major New York City-Area Airports, March 1 – July 6, 2020

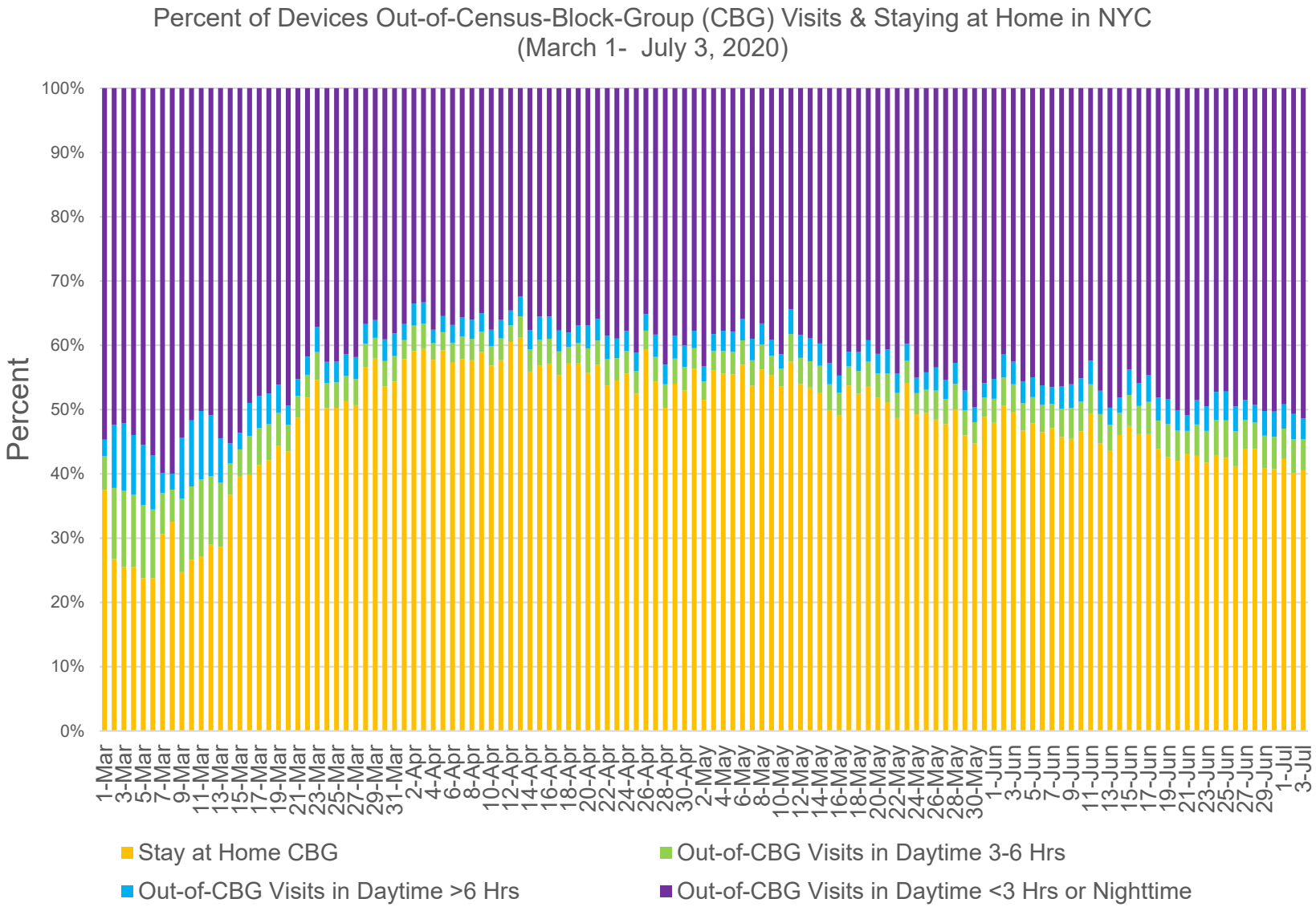


*These figures represent all people screened each day at each airport by the TSA, including airline and airport employees. Actual passenger throughput tends to be approximately 1.5% lower than shown.

Source: Transportation Security Administration via the Port Authority of New York and New Jersey.

Cellphone-based Mobility

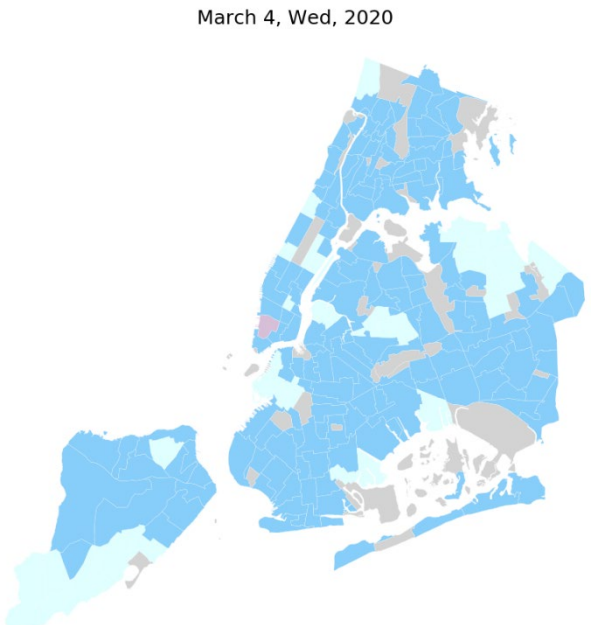
Measures of Mobility – Cell Phone Locations

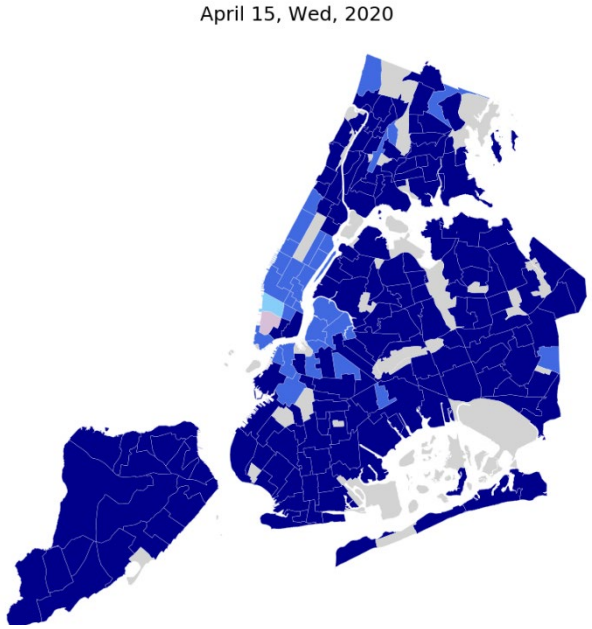


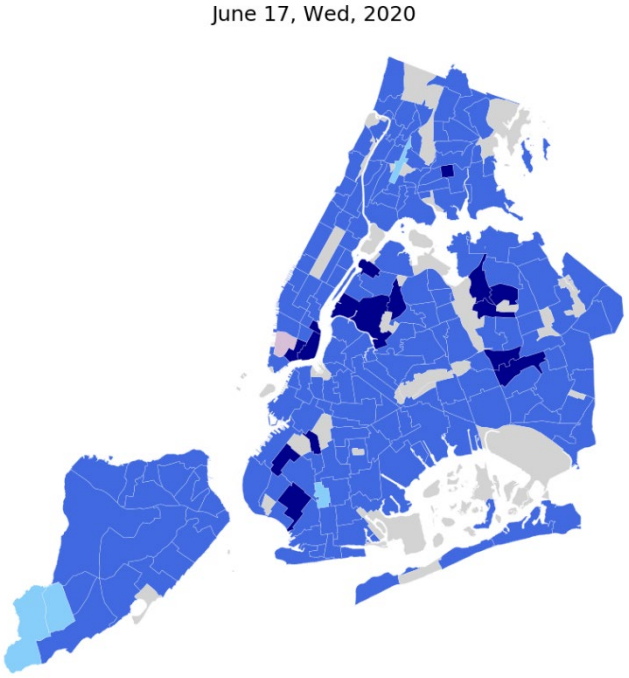
- Mobility patterns are based on data from SafeGraph, a company that generates data by pinging mobile devices throughout the day to determine their locations.
- Based on typical location of devices overnight, assumptions are made about a device's "home" census block group, and interpretations are made about travel based on device location at different points throughout the day.
- SafeGraph data shown here provides information on general duration of trips. The orange area indicates devices that stayed entirely within their home CBG; purple area indicates devices that left for less than 3 hours that day, or during the night.
- The percent of devices remaining in their "home" census block group has been trending slightly down since mid-May 2020, with short trips trending up at the fastest rate.

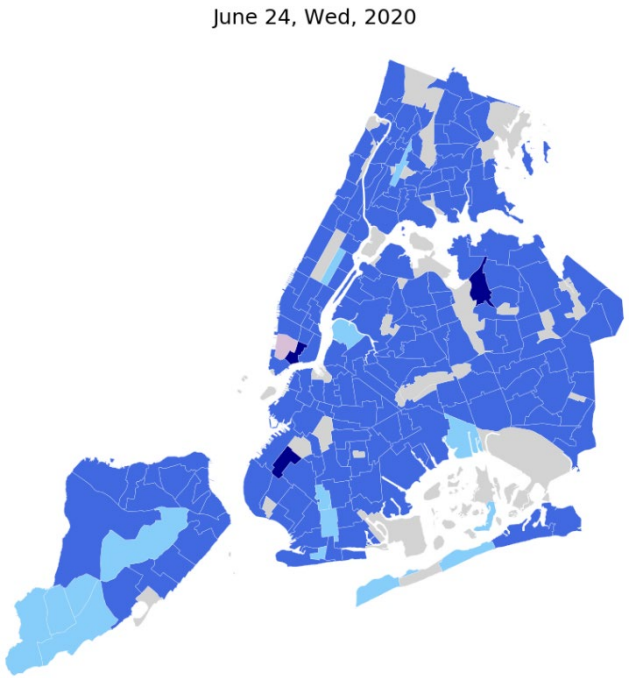
Data sources: SafeGraph, https://www.safegraph.com/. a data company that aggregates anonymized location data from numerous applications in order to provide insights about physical places. To enhance privacy, SafeGraph excludes census block group information if fewer than five devices visited an establishment in a month from a given census block group. SafeGraph collects a semi-random sampling of data throughout the day. "Stay at Home CBG" indicates the devices did not leave the Geohash-7 in which their home is located during the time period that SafeGraph attempted to ping them. The same analysis is applied to each category

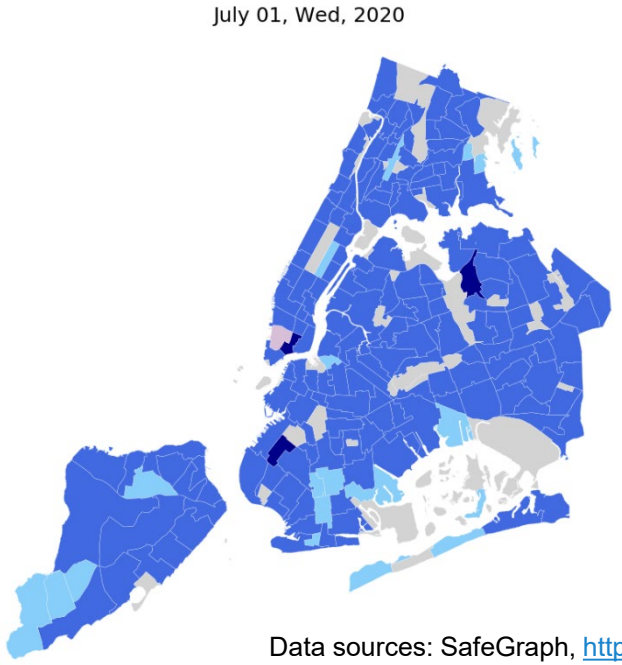
Measures of Mobility – Percent of Devices Dwelling at Home in All Observed Time











- Among the universe of devices tracked by SafeGraph, there was a significant increase in the share of devices (and, presumably, their owners) that “stayed at home”, or which didn’t leave their home census block group, between March and April. Manhattan and portions of Brooklyn showed slightly lower rates of staying at home.

- Data from mid- and late-June indicate increasing mobility across the city, with most neighborhoods demonstrating a greater share of devices leaving their home block group, though still at much lower rates than observed in early March. There was no clear increase in mobility between June 24 and July 1.

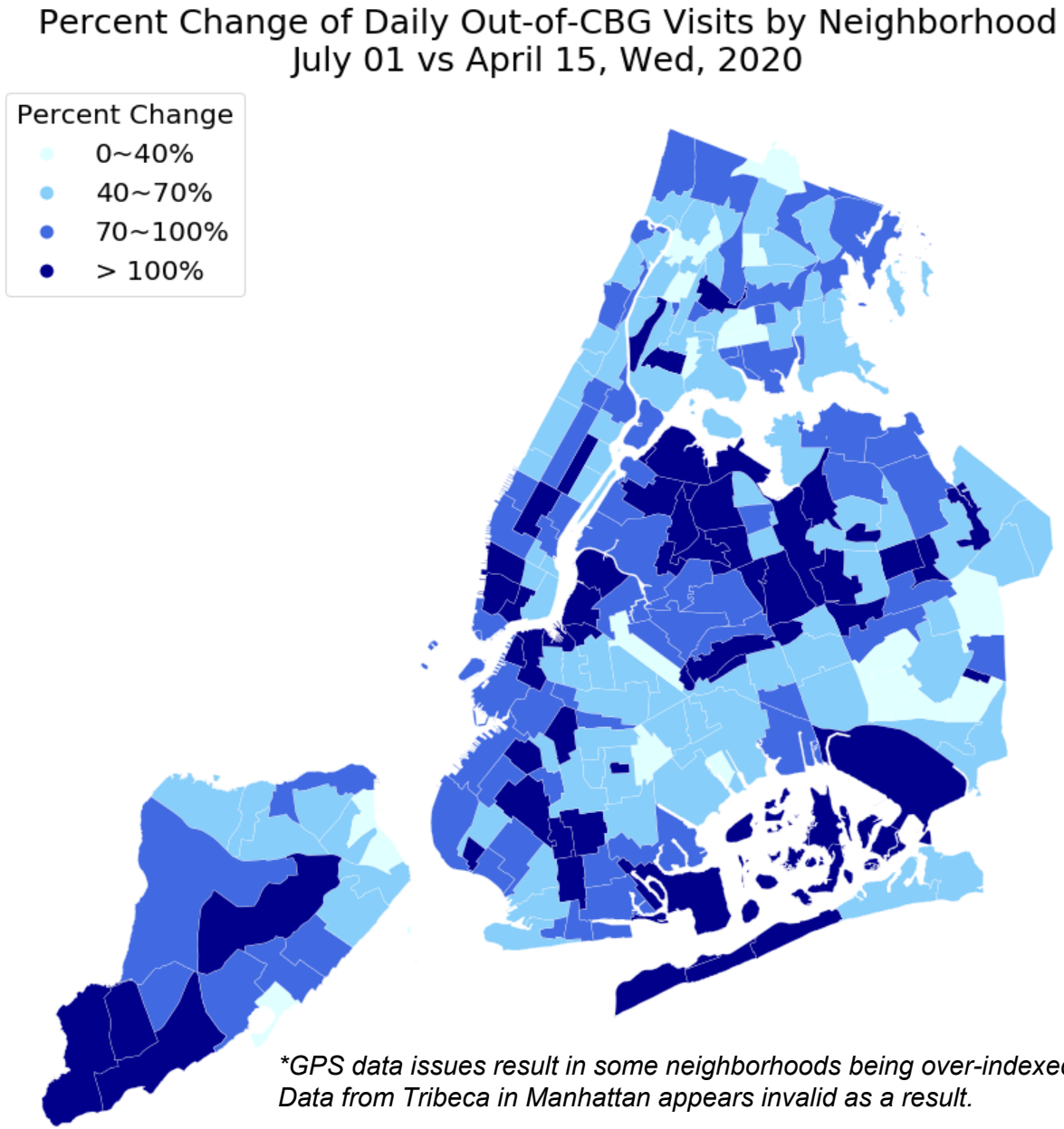
Percent of Devices Dwelling at Home in All Observed Time

- 0~20%
- 20~35%
- 35~50%
- > 50%
- Invalid*
- Parks & Airports & Islands

**GPS data issues result in some neighborhoods being over-indexed. Data from Tribeca in Manhattan appears invalid as a result.*

Data sources: SafeGraph, https://www.safegraph.com/

Measures of Mobility – Travel Destination by Neighborhood



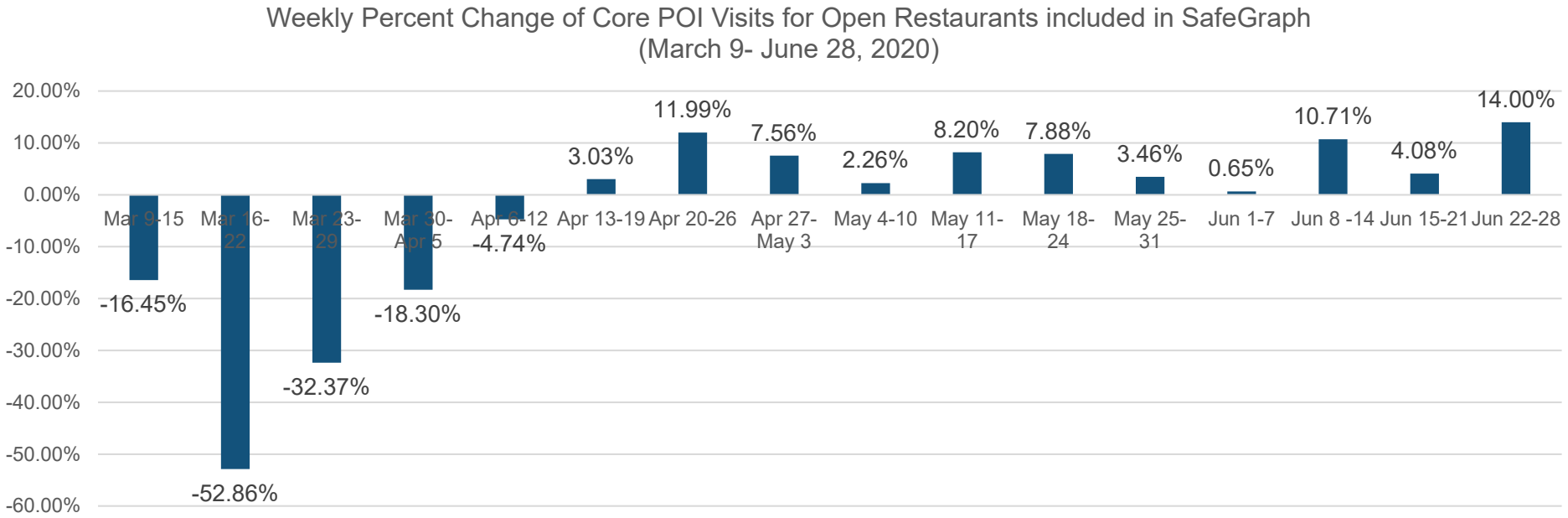
**GPS data issues result in some neighborhoods being over-indexed. Data from Tribeca in Manhattan appears invalid as a result.*

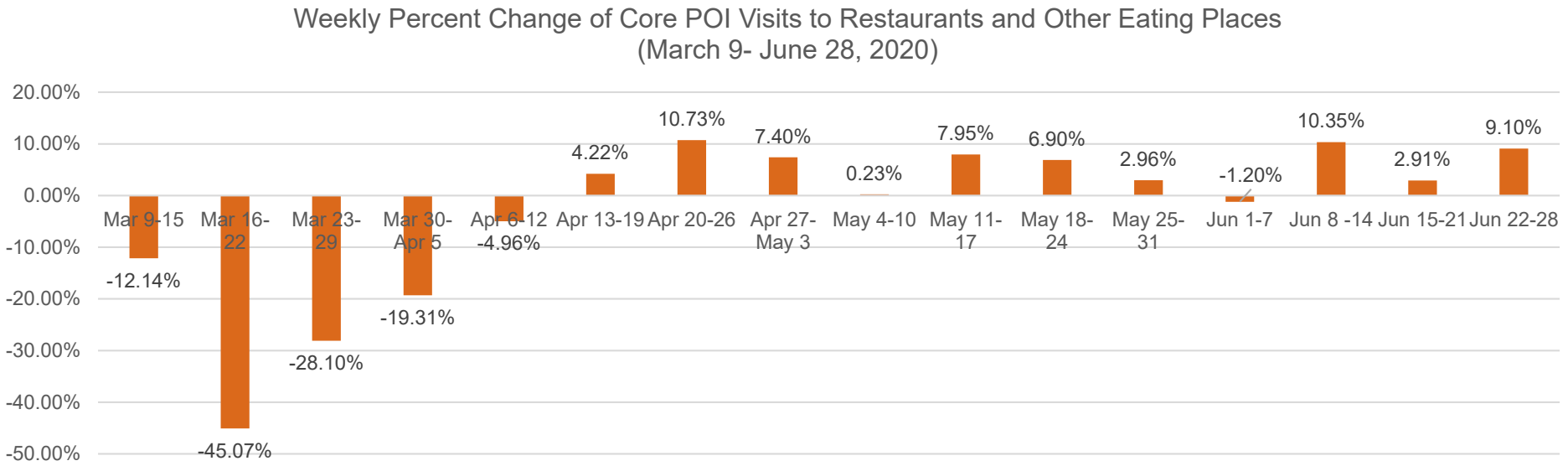
- While the previous slide indicated devices that left their home neighborhood, this map shows the percent change in devices “visiting” neighborhoods.
- Nearly every neighborhood has seen an increase in visitors, as measured by device trips, since mid-April, with portions of Queens including Astoria, Jackson Heights, Corona, and the Rockaways, and parts of Lower Manhattan, Downtown Brooklyn, Williamsburg, south Brooklyn, and the south shore of Staten Island also seeing a more than doubling of visits.
- Visits to JFK airport have also more than doubled.

Data sources: SafeGraph, https://www.safegraph.com/

Measures of Mobility – Restaurant Visits

- On June 22, NYC restaurants were permitted to start serving food to customers outdoors, and DOT launched a self-certification process enabling restaurants to provide seating on the sidewalk and adjacent curb area as part of the city's "Open Restaurants" program.
- An analysis of SafeGraph mobility data indicates a 14 percent increase in visits to restaurants participating in the "Open Restaurants" program during its first week of operation.
- Restaurants in the SafeGraph database overall saw an increase of just over 9 percent over the same time period.





Data sources: SafeGraph POI data, https://www.safegraph.com/; DOT https://nycdot.maps.arcgis.com/apps/opsdashboard/index.html#/0e60718f237c43c48c4be16a1a92ffde

311 data

311 Service Complaints – Second Week of Phase 2 Reopening

- **NYC 311** created COVID-19 specific complaint descriptions during the pandemic, they include: **Face Covering Violations**, **Social Distancing Complaints**, **COVID-19 Nonessential Construction**, **Non-compliance with Phased Reopening**.

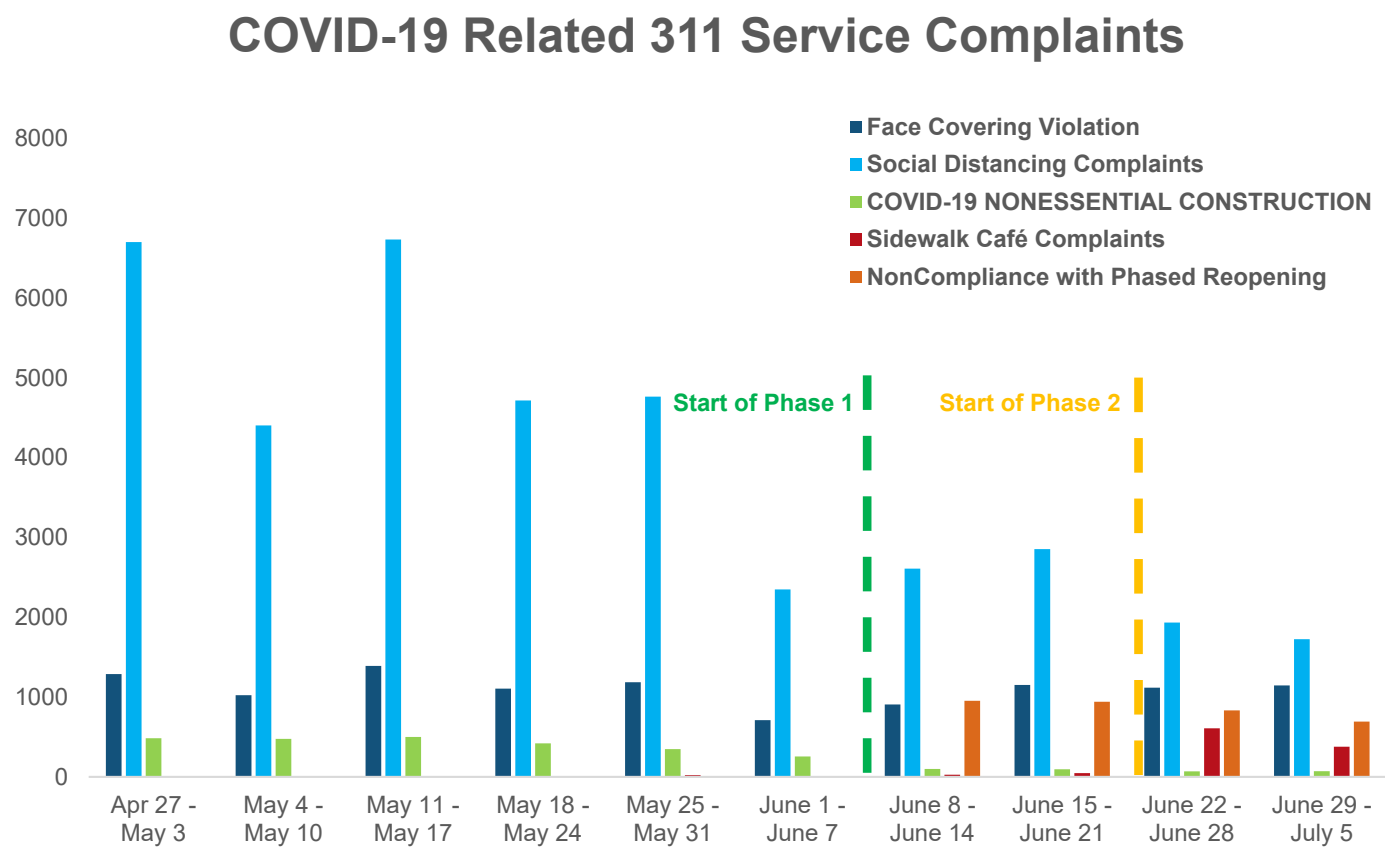
- **Face Covering Violations,** has remained consistent. There was a slight increase the week of June 29, the second week of Phase 2, compared to the first week.

- **Social Distancing Complaints,** continue to decline. The second week of Phase 2 saw the **lowest weekly total** since the start of this complaint category in late March. Social Distancing complaints **decreased by 11 percent** compared to the previous week.

- **COVID-19 Nonessential Construction,** complaints were still being registered, even though **Construction is allowed in Phase 2.** July 5 was the first time **zero complaints** were registered since the start of the category.

- Although **Sidewalk Café** complaints started in June 2019**, over 60 percent** of its complaints came in the first two weeks of Phase 2. The second week of Phase 2 saw a drop in sidewalk café complaints by **38 percent** compared to the previous week.

- **Non-compliance with Phased Reopening**, reached its peak weekly complaints total during the second week of Phase 1, but continues to decrease. The second week of Phase 2 saw a **17 percent decrease** compared to the previous week.



Source: NYC Open Data: 311 Service Requests

Timeline

New York COVID19 Pandemic Timeline: First Case to End of PAUSE

- March 1st, 2020: **First confirmed case** in New York https://www.wsj.com/articles/first-case-of-coronavirus-confirmed-in-new-york-state-11583111692
- March 7th, 2020: Governor Cuomo **declares state of emergency** https://www.nytimes.com/2020/03/07/nyregion/coronavirus-new-york-queens.html
- March 12th, 2020: Governor Cuomo announces **restrictions on mass gatherings**, directing events with more than 500 people to be cancelled or postponed and any gathering with less than 500 people in attendance to cut capacity by 50 percent. https://www.governor.ny.gov/news/during-novel-coronavirus-briefing-governor-cuomo-announces-new-mass-gatherings-regulations
- March 15th, 2020: **NYC school closures announced.** https://www.nytimes.com/2020/03/15/nyregion/nyc-schools-closed.html DeBlasio announces the **closure of schools, bars, and restaurants** (except takeout/delivery) effective the morning of the 17th https://www.nytimes.com/2020/03/15/nyregion/new-york-coronavirus.html
- March 18th: Governor Cuomo announces that **50% of non-essential employees** must work from home
- March 20th: Governor Cuomo announces **statewide stay at home rules**, effective the evening of the 22nd. **100% of non-essential workers** must stay home. https://www.npr.org/sections/coronavirus-live-updates/2020/03/20/818952589/coronavirus-n-y-gov-cuomo-says-100-of-workforce-must-stay-home, travel on transit only when necessary
- March 25th: MTA announces service reduction to **Essential Service** plan https://abc7ny.com/6047040/
- March 27th: The Governor halts **non-essential construction** https://thecity.nyc/2020/03/cuomo-calls-off-non-essential-construction-statewide.html
- May 1st: Mayor de Blasio announces first seven miles of streets in **Open Streets NYC** program. https://gothamist.com/news/de-blasio-reveals-first-batch-open-streets-primarily-centered-parks
- May 6th: Governor Cuomo enacts nightly 1am-5am subway shutdowns: https://www.nytimes.com/2020/04/30/nyregion/subway-close-cuomo-coronavirus.html
- May 22nd: Mayor de Blasio announces 45 miles of **open streets**, the most in the nation, with the City to eventually reach 100 miles. https://www.6sqft.com/nyc-full-list-of-open-streets-summer-2020/
- May 26th: New York Stock Exchange reopens trading floor after 2 month closure. https://www.npr.org/sections/coronavirus-live-updates/2020/05/26/862082828/new-york-stock-exchange-reopens-trading-floor-after-2-month-closure
- May 29th: Governor Cuomo announces that New York City is expected to **begin Phase 1 of reopening on Monday, June 8th**. https://www.nytimes.com/2020/05/29/nyregion/coronavirus-new-york-live-updates.html
- June 1st: Governor Cuomo announces overnight curfew in NYC after a weekend of protests due to the death of George Floyd. No-non local vehicles permitted in Manhattan below 96th street, and Citi Bike is shut down during curfew hours. https://deadline.com/2020/06/new-york-city-curfew-andrew-cuomo-george-floyd-protests-1202948548/
- June 5th: The MTA lays out its 13-point **"Action Plan For a Safe Return"** in preparation for New York City's reopening. https://new.mta.info/document/17751
- June 7th: Mayor de Blasio announces the end of protest-related curfews ahead of schedule, effective immediately. https://www.cbsnews.com/news/nyc-mayor-announces-curfew-has-ended-ahead-of-schedule-2020-06-07/

New York COVID19 Pandemic Timeline: Phase 1 to Present

- June 8th: New York City begins **Phase 1 of re-opening**. Manufacturing, non-essential construction, and non-essential retail via curbside pickup can resume operations https://www.nytimes.com/2020/06/08/nyregion/coronavirus-nyc-reopen-phase-1.html
  - The Staten Island Ferry begins moving to a 20-minute rush hour schedule beginning with the 3:30 PM trip from St. George. https://www1.nyc.gov/html/dot/html/ferrybus/siferryschedule.shtml#SIschedule
  - Mayor De Blasio announces **five new busways** to be created throughout the city, modeled after the 14th Street Busway, which will be made permanent. More bus lanes will be added along major corridors. https://www.politico.com/states/new-york/albany/story/2020/06/08/as-city-reopens-de-blasio-expands-transit-options-1291796
- June 14tH: Governor Cuomo issues a statement that the state **may reverse the reopening process** in regions where the state's reopening plan—particularly social distancing and mask use—are **not being followed.**
- June 18th: Mayor de Blasio announces guidance for the City's **Open Restaurants program**, which allows qualifying restaurants and bars to expand outdoor seating on sidewalks, curb lanes, backyards, patios, plazas, and Open Streets. https://www1.nyc.gov/office-of-the-mayor/news/449-20/open-restaurants-new-york-city-prepares-phase-2-reopening-mayor-de-blasio-announces
- June 19th: Governor Cuomo holds his **final daily coronavirus briefing**, saying "We have done the impossible." He will continue to monitor the situation and hold press conferences as needed. https://www.cbsnews.com/news/andrew-cuomo-new-yorkers-united-coronavirus-pandemic-crisis/
- June 22nd: New York City begins **Phase 2** of re-opening, including in-store retail, offices, hair salons and barbershops, house of worship, and car sales. Social distancing and hygiene guidelines remain in place. https://www.ny1.com/nyc/all-boroughs/news/2020/06/21/what-exactly-does-phase-two-reopening-mean-for-new-york-city-
  - Governor Cuomo says he is actively talking to Governor Murphy of NJ and Governor Lamont of Connecticut, and that the three governors are "seriously considering" implementing a **14-day isolation protocol for visitors** from Florida, which could be extended to travelers from Arizona, Texas, and several other stats who are experiencing a rapid rise in Covid cases. https://nypost.com/2020/06/22/gov-cuomo-talks-to-nj-connecticut-about-florida-quarantine-rules/
  - According to a survey conducted by the Partnership for New York City, while Phase 2 allows office workers to return to their offices, respondents from 60 companies predicted that only **10% of their employees would return to the office by August 15th**. Rudin Management Company said that, across its 14 offices in New York that reopened on Monday, it reached a collective **5.2 percent occupancy rate**. https://www.nytimes.com/2020/06/22/nyregion/nyc-phase-2-reopening-coronavirus.html
- June 29th: Mayor de Blasio announces that, while outdoor dining is "working" in New York City and that the city is moving on track for Phase 3 of reopening on July 6th**, the reopening of indoor dining may be delayed** due to ongoing coronavirus concerns. Governor Cuomo echoed these concerns. https://abc7ny.com/indoor-dining-in-nyc-new-york-city-reopen-coronavirus/6280941/
- July 6th: New York City **begins Phase 3** of re=opening. Originally, this was to include indoor dining at restaurants, but this element has been postponed in light of outbreaks in other states.
  - The Staten Island Ferry resumes regular rush-hour service, with boats running every 15 minutes from 7:00 am – 9:00 am and 5:00 pm – 7:00 pm. https://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=ea13aec9-00c3-46cf-998e-a31fa521b891