



NEW YORK METROPOLITAN TRANSPORTATION COUNCIL



[HUB BOUND
TRAVEL DATA
2020]

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Hub Bound Travel Data Report 2020 New York Metropolitan Transportation Council

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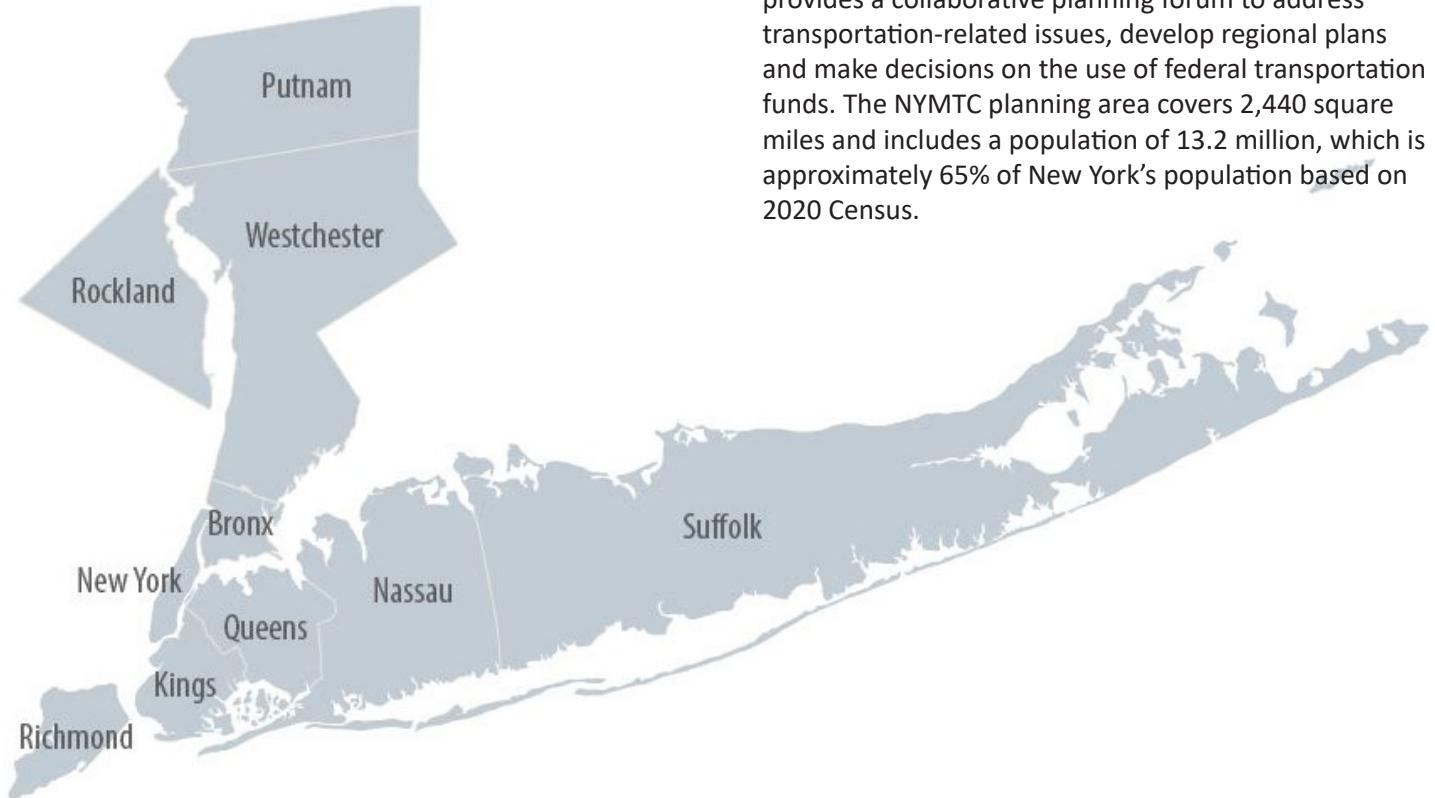
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The New York Metropolitan Transportation Council (NYMTC) is a regional council of governments that is the metropolitan planning organization for New York City, Long Island and the Lower Hudson Valley. NYMTC provides a collaborative planning forum to address transportation-related issues, develop regional plans and make decisions on the use of federal transportation funds. The NYMTC planning area covers 2,440 square miles and includes a population of 13.2 million, which is approximately 65% of New York's population based on 2020 Census.

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MANHATTAN CBD CORDON CROSSINGS BY SECTOR

60TH STREET SECTOR (WEST SIDE)

Sixth Avenue
Seventh Avenue (IRT)
Broadway (BMT)
Eighth Avenue (IND)
Columbus Avenue
Amsterdam Avenue
West End Avenue
Amtrak Tunnel
West Side Highway

60TH STREET SECTOR (EAST SIDE)

Fifth Avenue
Madison Avenue
Park Avenue (Metro-North)
Lexington Avenue (IRT)
Third Avenue
Second Avenue
First Avenue
York Avenue
FDR Drive

QUEENS SECTOR

63rd Street Tunnel (IND)
60th Street Tunnel (BMT/IND)
E. Koch Queensboro Br.-Tram.
53rd Street Tunnel (IND)
Steinway Tunnel (IRT)
Queens-Midtown Tunnel
Amtrak/LIRR Tunnels

NEW JERSEY SECTOR

Lincoln Tunnel (I-495)
Amtrak/NJ Transit Tunnels
Uptown Hudson Tubes (PATH)
Holland Tunnel (I-78)
Downtown Hudson Tubes (PATH)

C B D

BROOKLYN SECTOR

14th Street Tunnel (BMT)
Williamsburg Bridge (BMT)
Rutgers Tunnel (IND)
Manhattan Bridge (BMT)
Brooklyn Bridge
Cranberry Tunnel (IND)
Clark Tunnel (IRT)
Montague Tunnel (BMT)
Joralemon Tunnel (IRT)
Hugh L. Carey Tunnel (I-478)

STATEN ISLAND SECTOR

Staten Island Ferry



Types of Rapid Transit Rail Abbreviations:

IRT

The **Interborough Rapid Transit Company (IRT)** was the private operator of the original underground New York City Subway line that opened in 1904, as well as earlier elevated railways and additional rapid transit lines in New York City. The IRT was purchased by New York City in June 1940. The former IRT lines (the numbered routes in the current subway system) are now the A Division or IRT Division of the New York City Subway.

IND

The **Independent Subway System (IND)**, formerly known as the **Independent City-Owned Subway System** or the **Independent City-Owned Rapid Transit Railroad**, was a rapid transit rail system in New York City that is now part of the New York City Subway. It was first constructed as the Eighth Avenue Line in Manhattan in 1932. One of three rail networks that became part of the modern New York City subway, the IND was intended to be fully owned and operated by the municipal government, in contrast to the privately operated or jointly-funded Interborough Rapid Transit Company (IRT) and Brooklyn-Manhattan Transit Corporation (BMT) companies. It was merged with these two networks in 1940.

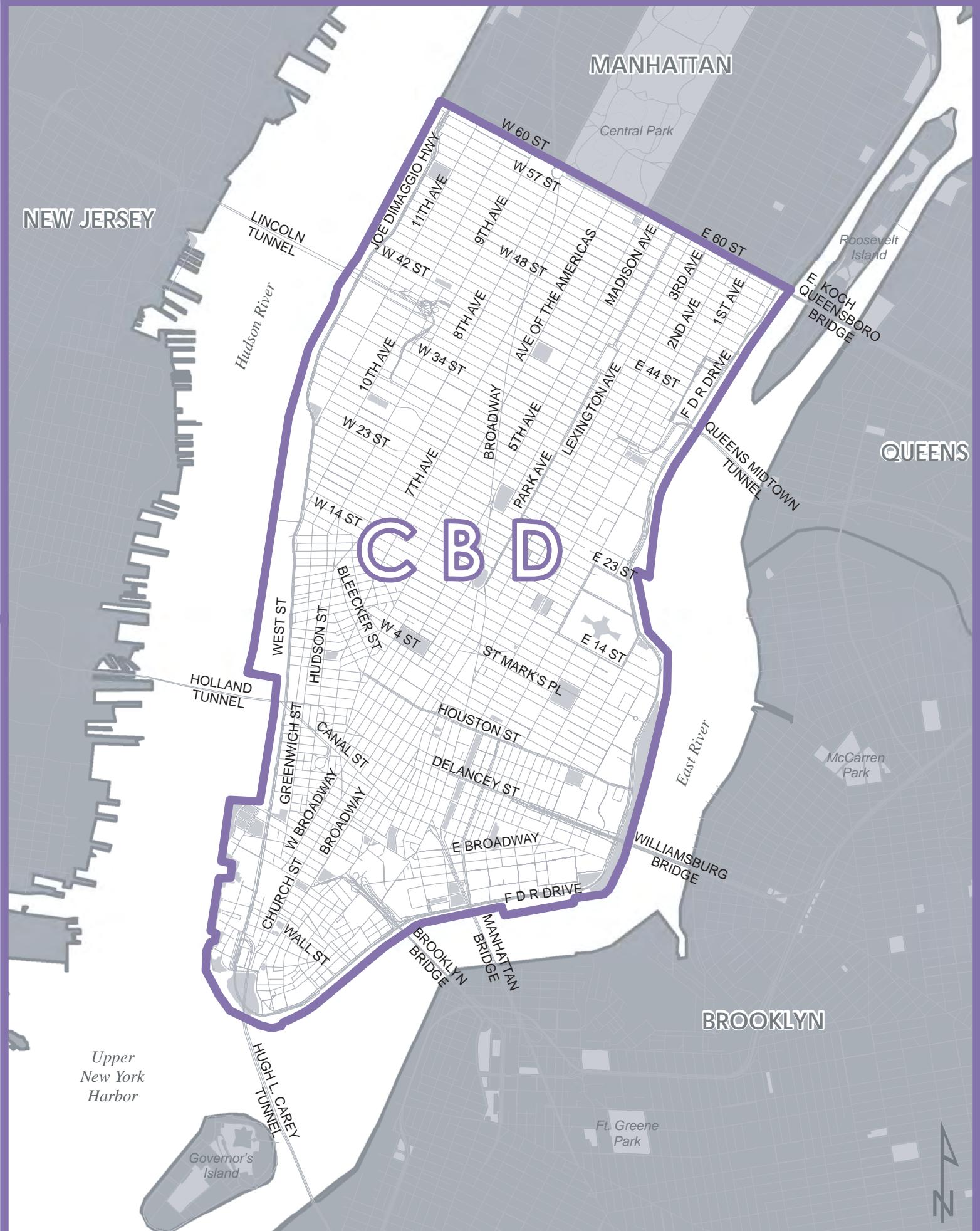
BMT

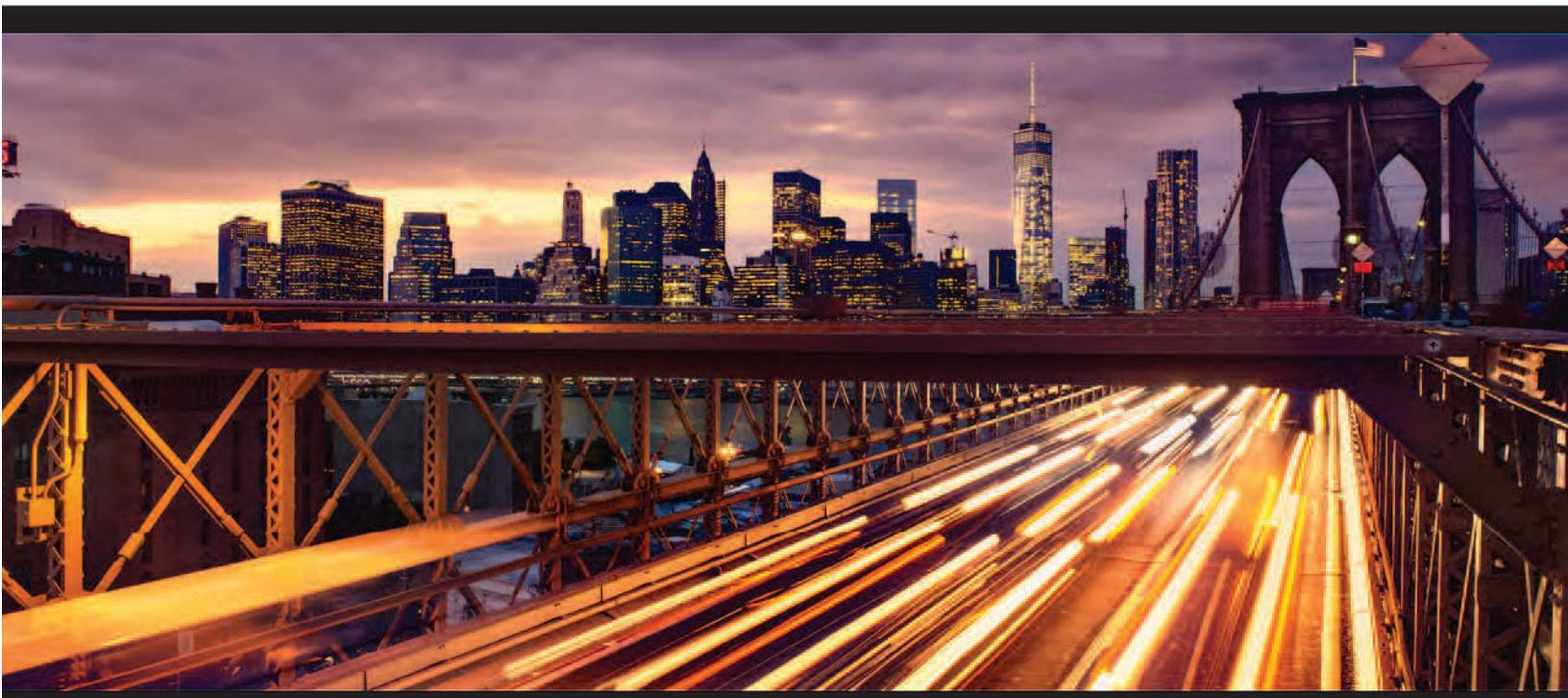
The **Brooklyn–Manhattan Transit Corporation (BMT)** was an urban transit holding company, based in Brooklyn, New York City, United States, and incorporated in 1923. The system was sold to the city in 1940. Today, together with the IND subway system, it forms the B Division of the modern New York City Subway.

PATH

Port Authority Trans-Hudson (PATH) is a rapid transit system serving Newark, Harrison, Hoboken, and Jersey City in metropolitan northern New Jersey, as well as lower and midtown Manhattan in New York City. The PATH is operated by, and named after, the Port Authority of New York and New Jersey.

MANHATTAN CENTRAL BUSINESS DISTRICT MAP





Data Availability:

- The data contained in this report is available for download in Excel format at www.nymtc.org, under Data and Modeling.
- The data can also be visualized using our web application called Transportation Information Gateway (TIG) at www.tig.nymtc.org.
- All the data presented in this report is provided the relevant transportation agencies. Sources can be found on page IV-1, Appendix IV of this report.
- Due to the loss of NYMTC's files and databases on Sept. 11, 2001, data for 1999 is largely absent. Some sources were able to provide limited data for that year.

Preface:

The 2020 Hub Bound Travel Data Report provides data and analysis on the numerous transportation services and facilities serving the “Hub” of the region, which includes the Manhattan Central Business District (CBD) (the lower portion of Manhattan from the northern boundary of 60th Street to the southern boundary of Battery Park). The report examines travel to and from the Hub by several modes: public transportation, private motor vehicle, and bicycle. The data presented in the report details entry to and exit from the Hub at specific facilities for each hour on a typical fall business day. For this analysis, most of the data were collected on a business day in October 21, 2020. Both vehicles travelled and persons travelled are shown for all public and private transportation modes. **The sectors shown in the tables (60th Street, Queens, Brooklyn, Staten Island and New Jersey) are strictly the entry and exit points in the Hub bound survey and are not necessarily the actual origins or destinations of trips.**

The Hub Bound Travel Data Report details total travel by mode, time of day, facility, and sector, providing transportation professionals and the general public with a valuable resource for defining the Hub’s transportation issues and predicting future demand on the transportation infrastructure. The time series analysis presented in Table 1A contains a useful comparison of current and previous years’ travel volumes.

The 2020 Hub Bound travel data in this report are shown in four appendices:

Appendix I

Presents historical information comparing volumes of travelers and vehicles, employment, population, transit levels of comfort (measured by average floor space per passenger) and the cumulative number of people and vehicles in the CBD;

Appendix II

Summarizes the peak hour and peak period figures in each travel mode by facility and sector level;

Appendix III

Provides detailed figures for each of the various travel modes addressed in this report. These tables show hourly volumes of travelers and vehicles. The figures are summarized by facility and sector;

Appendix IV

Lists the various public and private agencies that have jurisdiction over travel through the CBD gateways and have traditionally made their survey data available for this report.

History:

The first travel survey of the Manhattan Central Business District (CBD) was conducted and published by the Regional Plan Association in 1924. The report referred to the district as the “Hub,” reflecting the CBD’s unique role in the region’s economy. Subsequent surveys were conducted at eight-year intervals until 1963, when the Tri-State Regional Planning Commission assumed responsibility for the project, publishing it annually beginning in 1971. The New York Metropolitan Transportation Council (NYMTC) has sponsored the project and published the report since the Council’s inception in 1982.

Note:

As of 2020 Hub Bound survey data, the Covid-19 pandemic triggered sudden massive change to travel behaviors of people all around the region, most notably an increase in telecommuting, which impacted commuting to and from Manhattan CBD.

This can be seen in the big changes in the 2020 data compared to the Hub Bound reports from previous years.

QUICK REFERENCE DATA
PERSONS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY
BY MODE AND SECTOR, IN 2020

SECTOR / MODE	Entering	Leaving	Total
60TH STREET			
SUBWAY	279,651	272,218	551,869
AUTOS, TAXIS, VANS AND TRUCKS	313,844	329,927	643,771
BUS	16,780	14,399	31,179
SUBURBAN AND INTERCITY RAIL	18,178	18,357	36,535
FERRY	-	-	-
BICYCLE	25,456	24,229	49,685
TOTAL 60TH STREET SECTOR - ALL MODES	653,909	659,130	1,313,039
BROOKLYN			
SUBWAY	264,116	251,316	515,432
AUTOS, TAXIS, VANS AND TRUCKS	197,227	212,287	409,514
BUS	8,025	7,529	15,554
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	1,024	969	1,993
BICYCLE	10,520	10,925	21,445
TOTAL BROOKLYN SECTOR - ALL MODES	480,912	483,026	963,938
QUEENS (and TRAMWAY)			
SUBWAY	163,639	159,117	322,756
AUTOS, TAXIS, VANS AND TRUCKS	123,462	125,168	248,630
BUS	4,358	4,139	8,497
SUBURBAN AND INTERCITY RAIL	36,772	34,217	70,989
FERRY	2,607	2,503	5,110
BICYCLE	4,164	4,046	8,210
TRAMWAY	1,252	1,248	2,500
TOTAL QUEENS SECTOR - ALL MODES	336,254	330,438	666,692
NEW JERSEY			
SUBWAY/PATH	30,939	29,699	60,638
AUTOS, TAXIS, VANS AND TRUCKS	92,103	105,844	197,947
BUS	57,543	53,793	111,336
SUBURBAN AND INTERCITY RAIL	19,808	20,350	40,158
FERRY	3,362	3,297	6,659
BICYCLE	-	-	-
TOTAL NEW JERSEY SECTOR - ALL MODES	203,755	212,983	416,738
STATEN ISLAND (via FERRY)			
SUBWAY	-	-	-
AUTOS, TAXIS, VANS AND TRUCKS	-	-	-
BUS	-	-	-
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	13,155	13,852	27,007
BICYCLE	319	321	640
TOTAL STATEN ISLAND (via FERRY)	13,474	14,173	27,647
ALL SECTORS			
SUBWAY	738,345	712,350	1,450,695
AUTOS, TAXIS, VANS AND TRUCKS	726,636	773,226	1,499,862
BUS	86,706	79,860	166,566
SUBURBAN AND INTERCITY RAIL	74,758	72,924	147,682
FERRY	20,148	20,621	40,769
BICYCLE	40,459	39,521	79,980
TRAMWAY	1,252	1,248	2,500
TOTAL ALL SECTORS - ALL MODES	1,688,304	1,699,750	3,388,054

Note: As of 2020 Hub Bound survey data, the Covid-19 pandemic triggered sudden massive change to travel behaviors of people all around the region, most notably an increase in telecommuting, which impacted commuting to and from Manhattan CBD. This can be seen in the big changes in the 2020 data compared to the Hub Bound reports from previous years.

HIGHLIGHTS

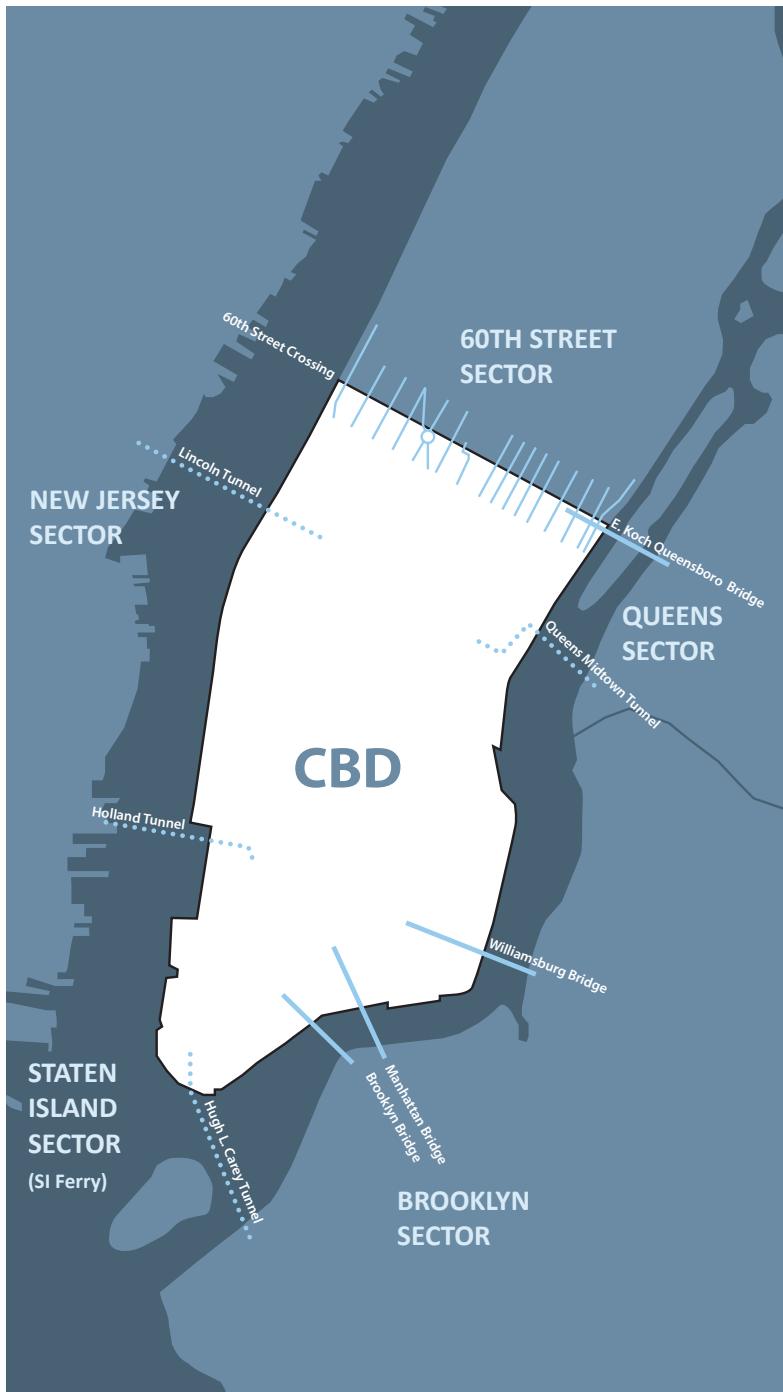
As of 2020 Hub Bound survey data, the Covid-19 pandemic triggered sudden massive change to travel behaviors of people all around the region, most notably an increase in telecommuting, which impacted commuting to and from Manhattan CBD. This can be seen in the big changes in the 2020 data compared to the Hub Bound reports from previous years.

- 1** On a fall business day in 2020, nearly 1.7 million people entered Manhattan's Central Business District (CBD), which is almost 2.2 million people, or 56.2%, less compared to 2019.
- 2** A total of almost 3.4 million persons entered and left the Manhattan CBD on the survey day in 2020, about 55.8% (or almost 4.3 million people) less than in 2019.
- 3** In the 2020 Hub Bound data counts, 26% of persons who entered the CBD on the survey day in 2020 did so during the morning peak period, from 7:00 AM to 10:00 AM. (Table 3)
- 4** Approximately 1.8 million persons entered and left the CBD using public transportation in 2020 - about 3.9 million people or 68.5% less than those who used public transportation in 2019. (Table 5)
- 5** The total number of people entering and leaving the Hub by autos, taxis, vans and trucks decreased by about 356,000 (to nearly 1.5 million) since 2019. (Table 10)
- 6** About 77% of express bus passengers entering the CBD in 2020 came from west of the Hudson River via the Lincoln and Holland Tunnels, while 23% of all express bus passengers came from other points of entry. (Table 9)
- 7** Approximately 42% of all private vehicles (autos, taxis, commuter vans and trucks) entering and leaving the CBD in 2019 did so via the 60th Street Sector (all avenues east and west of Central Park). Brooklyn, Queens and New Jersey sectors accounted for about 28%, 17%, and 13% of the total number of private vehicles, respectively. (Table 11)
- 8** Nearly 35% of travelers crossing the CBD boundaries during the morning peak hours (7:00 AM - 10:00 AM) traveled counter to the predominant direction of travel. Of these reverse travelers, almost 44% traveled by subway. Overall morning reverse subway travel decreased by 46.9% since 2019. (Table 12)

9 The heaviest hour for travel into the CBD in 2020 was 8:00 AM to 9:00 AM, during which almost 166,400 persons entered the CBD. Nearly 52% of these travelers entered the CBD using the subway system while about 31% took private vehicles and almost 8% rode suburban rail (Table 24). The evening peak leaving the city had about 173,200 persons leave the CBD between 5:00 PM and 6:00 PM; 50% of these travelers rode the subway, about 31% took a private vehicle, and nearly 7% traveled by regional rail. (Table 25)

- 10** MTA New York City Transit subways carry 87% of all rail passengers entering and leaving the CBD each day. About 36% of the subway passengers travelled during the morning (7:00 AM – 10:00 AM) and evening (4:00 PM – 7:00 PM) peak periods; the remaining 64% of all subway passengers travelled during the off-peak periods. (Table on page III-17 and III-18)
- 11** The total number of inbound and outbound ferry commuters was almost 40,770 on a fall business day in 2020. About 66% of these trips originated in Staten Island and 16% in New Jersey. The remaining 18% of ferry commuters came from Brooklyn and Queens sectors. The total number of inbound and outbound Roosevelt Island Tramway commuters was 2,500 on a fall business day in 2020. (Table on page III-43)

12 Approximately 2.4% (or nearly 80,000) of persons entering and leaving the hub on a fall business day in 2020 used bicycles. This total has increased by about 14,400 cyclists since 2019. Most bicyclists (62%) entering and leaving the hub on bicycles came from the north of 60th St, while 27%, 10% and 1% of all cyclists came from Brooklyn, Queens and Staten Island sectors, respectively. (Table on page III-44)



THE HUB OF THE REGION

Defined as that portion of Manhattan lying south of 60th Street, the Manhattan Central Business District (CBD) is the Hub of the tri-state region.

- The most travelled routes in the region are those to and from the Hub
- Almost 2.2 million people were employed in the CBD in 2020.
- There are significant numbers of commercial, educational and cultural activities for which the Manhattan CBD is renowned.

SECTORS OF ENTRY

People may enter the Central Business District of Manhattan (CBD or the Hub) through one of the following five gateways (CBD map, page ii):

- 60th Street Sector
- Brooklyn Sector
- Queens Sector
- New Jersey Sector
- Staten Island Sector

People entering the CBD from 60th Street originate from upper Manhattan, the Bronx, counties to the north of New York City, from Connecticut, or may have crossed the George Washington Bridge from New Jersey.

Travel from the Brooklyn Sector, for the most part, may originate from the borough of Brooklyn itself, with the remainder of travelers originating from Staten Island, Queens, Nassau and Suffolk counties.

Travelers from the Queens Sector may originate from Queens, Nassau and Suffolk counties, as well as some arriving across the Whitestone and Throgs Neck bridges from the Bronx, upstate New York and Connecticut.

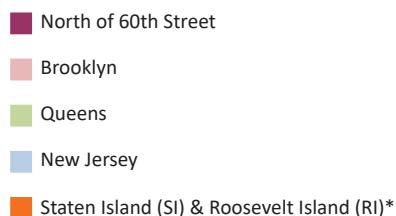
The New Jersey Sector provides access to the CBD via Lincoln and Holland Tunnels for the travelers coming predominantly from New Jersey, from points west of the Hudson River and some from Staten Island.

The Staten Island Sector enters the Manhattan CBD via the Staten Island Ferry service and is considered a separate, clearly defined sector not encompassed in the above other four sectors. (CBD map, page ii)

CORDON CROSSINGS

In 2020, almost 39 percent of all daily entries to the CBD crossed 60th Street inbound from the north. The total number of persons arriving to the CBD from Brooklyn, Queens and New Jersey sectors accounted for about 29, 20 and 12 percent of all total entries, respectively. Hub bound ferry travel via the Staten Island Sector reached about 13 thousand passengers or nearly 1 percent of the total entries to the CBD in 2020.

Figure 1 and Figure 2 show the numbers of travelers entering the Hub from each sector, across the cordon lines (CBD map, page ii) that cover the major entry points into the CBD.



* Includes only Staten Island Ferry and Roosevelt Island Tramway passengers

FIGURE 1
**TOTAL NUMBER OF PEOPLE
ENTERING THE HUB
ON A FALL BUSINESS DAY
BY SECTOR, IN 2020**

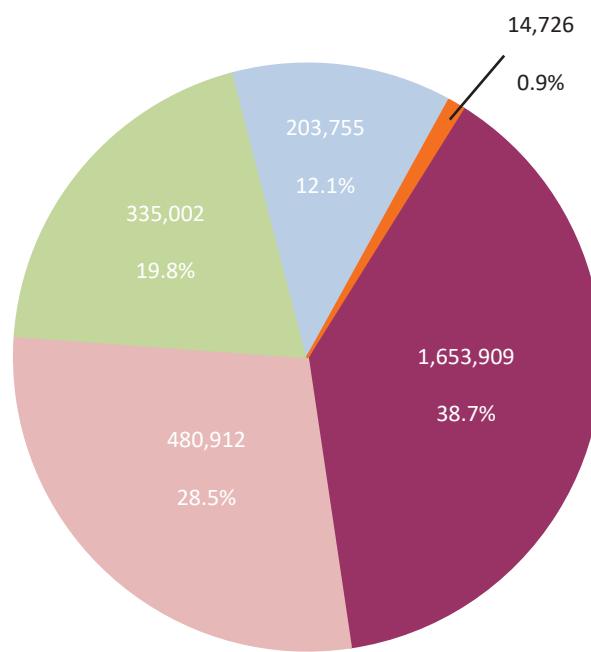
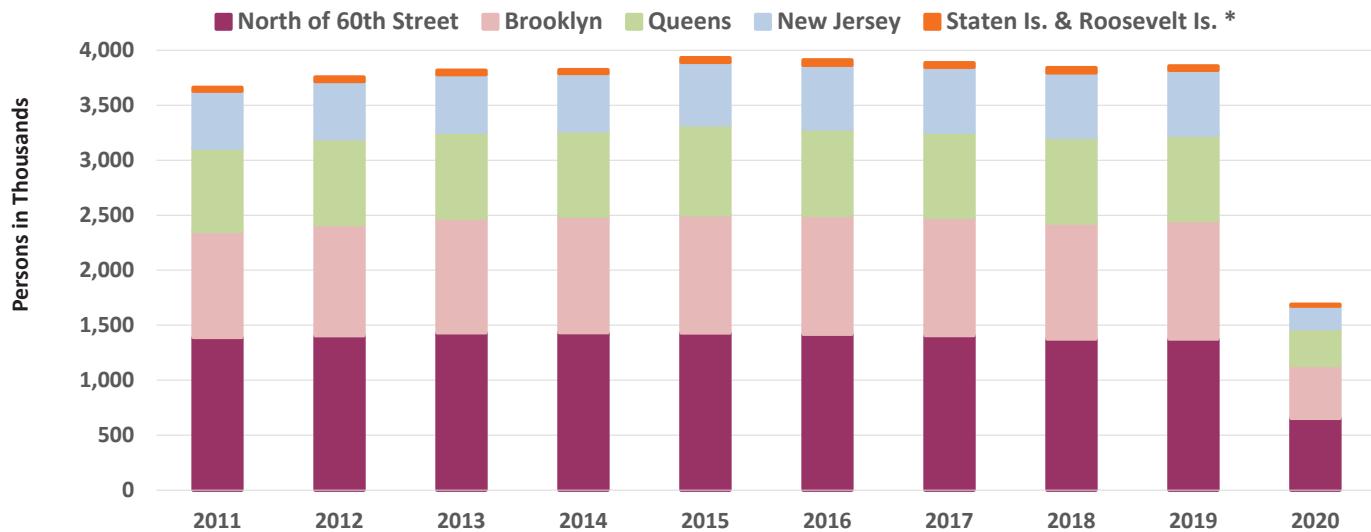


FIGURE 2
**TOTAL NUMBER OF PEOPLE ENTERING THE HUB
ON A FALL BUSINESS DAY
BY SECTOR, BY YEAR**



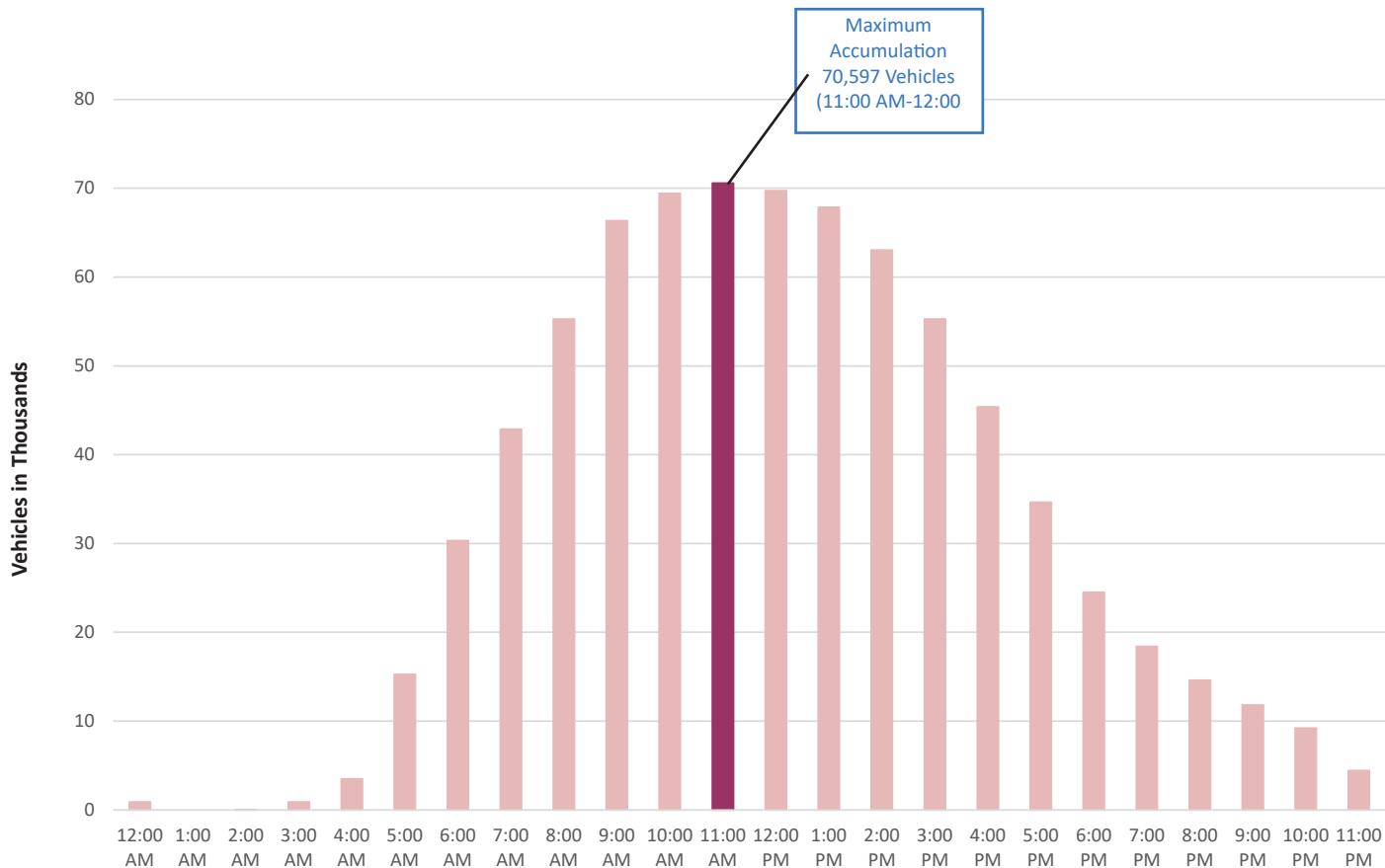
* Includes only Staten Island Ferry and Roosevelt Island Tramway passengers

This report also tracks the maximum net accumulation of persons in the Hub for all travel modes. This figure decreased by 72.2 percent (or about 999,000 persons) since 2019 to a maximum accumulation of more than 384 thousand travelers (Table 21B, Appendix II). The report also tracks the time that this maximum accumulation occurs. Typically, the number of persons accumulated in the Hub reaches a peak in the early afternoon, and 2020 was no exception.

The number of people travelling via public transportation in 2020 had a huge decrease (about 74 percent) during morning peak periods (7:00 AM to 10:00 AM) and near 70 percent decrease during evening (4:00 PM to 7:00 PM) peak periods, since 2019 (Table 22A, Appendix II).

Maximum accumulation of almost 70,600 vehicles shifted from 12:00 PM-1:00 PM in 2019 to 11:00 AM-12:00 PM in 2020 and it was about 10,400 vehicles or 12.8 percent less than the year before (Figure 3 and Table 23B, Appendix II).

**FIGURE 3
HOURLY ACCUMULATION OF VEHICLES
ON A FALL BUSINESS DAY
BY SECTOR, IN 2020**



CHANGES IN HUB-BOUND TRAVEL

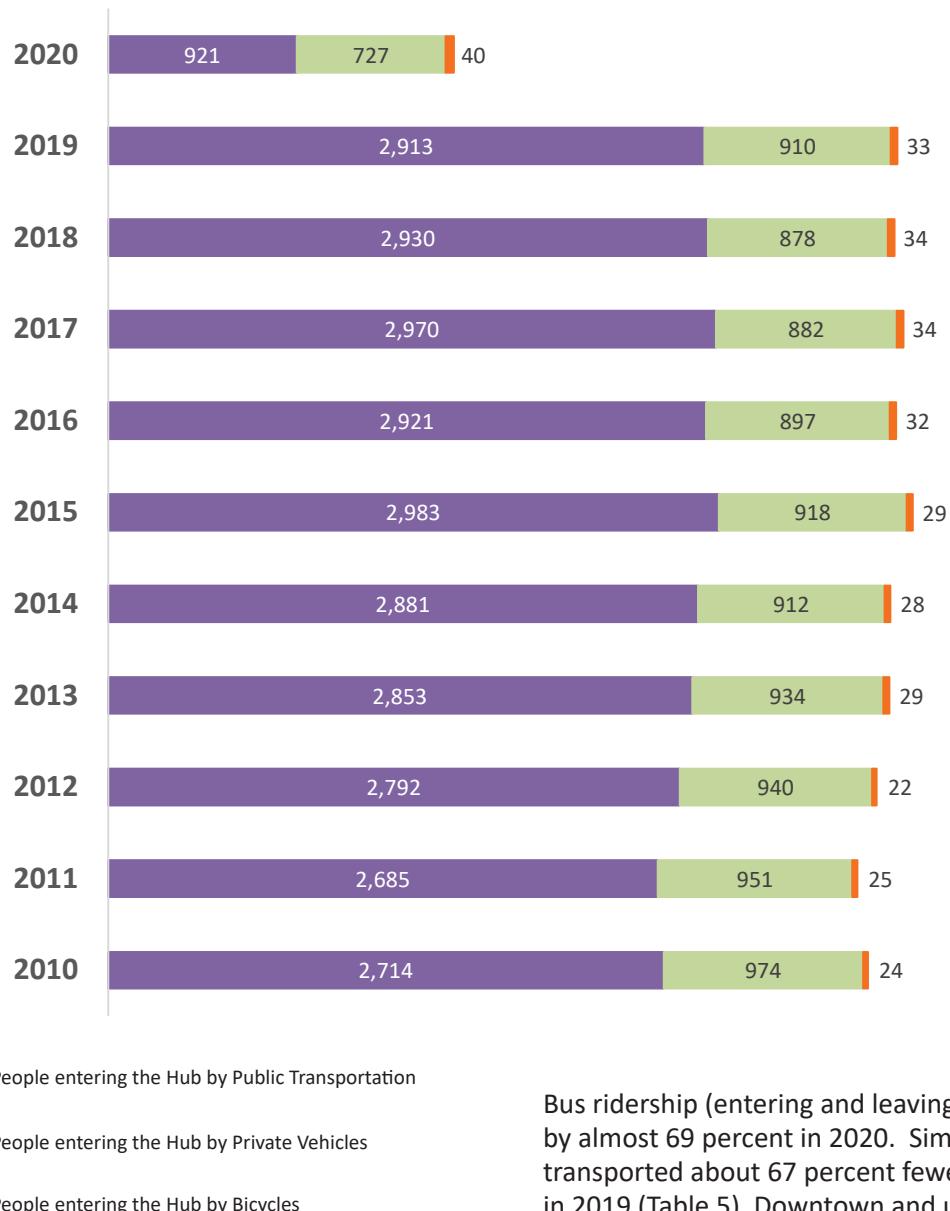
In 2020, only 1.69 million people entered the CBD on a typical business day (Table 1A); a decrease of about 56% (nearly 2.17 million people) since the 2019 total daily entry.

In the decade before the pandemic, the total number of people entering the CBD fluctuated from around 3.71 million in 2010 to a peak of over 3.93 million in 2015, 3.89 million in 2017, and 3.86 million in 2019. (Table 1A, Appendix I).

PUBLIC TRANSPORTATION

Public transit continues to play a central role in meeting regional travel needs, but the Covid-19 pandemic has resulted in significant declines in public transportation use. In 2020, trips to the Hub made by all modes of public transportation decreased by 68% since 2019. Trips made by the same modes of public transportation decreased by 2.3% between 2015 and 2019, but they increased by 7.3% during the decade between 2010 and 2019. (Figure 4 and Table 22A, Appendix II).

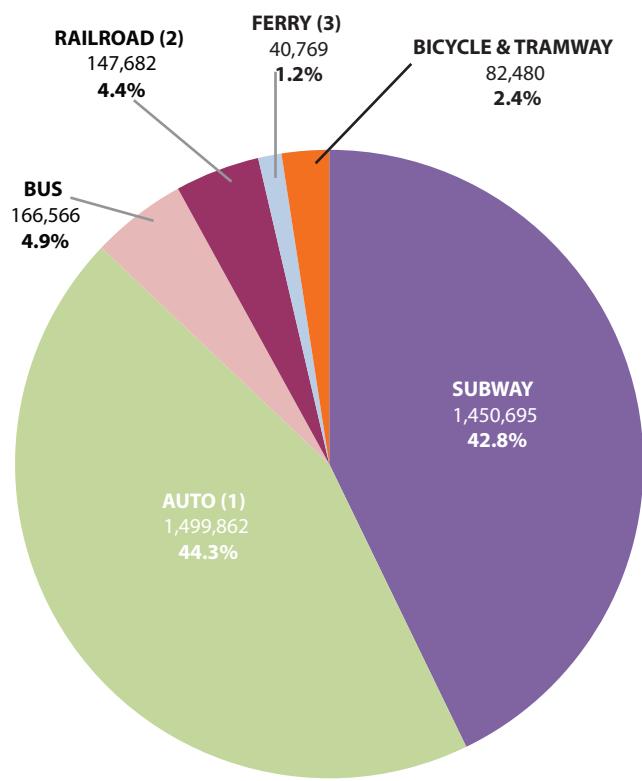
FIGURE 4
TOTAL NUMBER OF PEOPLE ENTERING THE HUB ON A FALL BUSINESS DAY
IN THOUSANDS



Bus ridership (entering and leaving the Hub) decreased by almost 69 percent in 2020. Similarly, the subway transported about 67 percent fewer passengers than in 2019 (Table 5). Downtown and uptown PATH carried about 78% less passengers than in 2019. Suburban and intercity rail services carried nearly 79% or almost 538,000 less passengers than a year ago at the same time (Table 5).

Of all passengers entering and leaving the Hub in 2020, the relative amount of subway, railroad, and bus passengers reached 42.8%, 4.4%, and 4.9%, respectively. Bicycle, tramway and ferry transported another 3.6% of travelers. (Figure 5).

FIGURE 5
**TOTAL NUMBER OF PEOPLE
 ENTERING and LEAVING THE HUB
 ON A FALL BUSINESS DAY
 BY MODE, IN 2020**



(1) Includes: Autos, Taxis, Commuter Vans, and Trucks

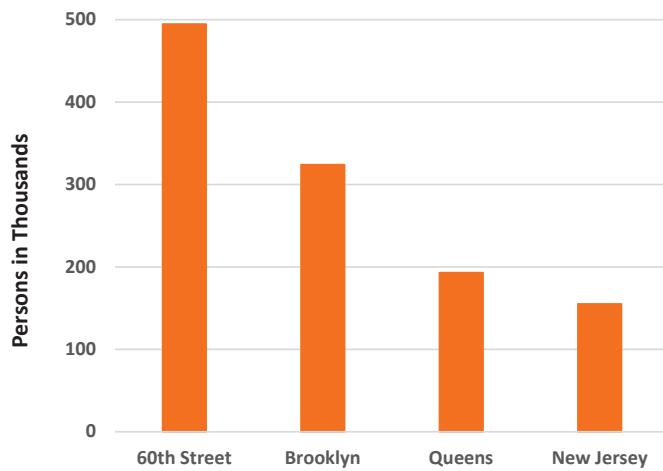
(2) Suburban and Intercity Rail Transit (such as NJ Transit; AMTRAK; LIRR)

(3) Excludes Bicyclists on SI Ferry

PRIVATE TRANSPORTATION

In 2020, private transportation brought about 44.3% of all persons into the CBD. This is a decrease of about 20% or almost 183,000 travelers since 2019. Similarly, the total number of people entering and leaving the Hub by private vehicles decreased by 19 percent or about 356,000 persons on a typical business day in 2020 compared with 2019. The largest part of this decrease (with absolute volume of over 135,000 and 108,000 travelers) came from vehicles crossing to and from 60th Street and Brooklyn sectors, respectively. The Queens and New Jersey sectors experienced a decrease of 24% or 77,000 travelers and 16% or about 37,000 travelers, respectively, in the number of people entering and leaving the Hub in the same time period (Table 10, Appendix I and Figure 6).

FIGURE 6
**TOTAL NUMBER OF PRIVATE VEHICLES *
 ENTERING and LEAVING THE HUB
 ON A FALL BUSINESS DAY
 BY SECTOR, IN 2020**



* Includes: Autos, Taxis, Commuter Vans, and Trucks

There were approximately 80,000 daily bicycle trips to and from the CBD in 2020, which is about a 22% increase since 2019 (Table on page III-44).

Trips via ferries (both publicly and privately operated) decreased by about 66% in 2020 compared with 2019. Roosevelt Island Tramway ridership decreased by 68% or about 5,300 persons, daily (Table 5). Approximately 86% of all bus passengers traveled into the Hub by express buses and more than 66% of all bus passengers commuted from New Jersey in 2020. (Table 9, Appendix I).

MODE OF TRAVEL

Travelers entering the CBD may choose from a wide variety of public or private forms of transportation. Depending on origin, destination and preference. Options include:

- Subway
- Bus
- Suburban Rail
- Intercity Rail
- Ferry
- Tramway
- Motor Vehicle
- Bicycle

Share of travel modes is shown in Figure 5.

This report does not include data on people arriving by foot, air, private cruise or commercial ships in the CBD.

Subway service is provided by the MTA New York City Transit and by Port Authority Trans-Hudson (PATH) systems.

Bus service is provided on local and express routes by MTA New York City Transit and on express routes by MTA Bus Company, NJ Transit, Westchester County Bee-Line, and by private operators outside of the five boroughs of New York City.

Suburban rail service is provided by MTA Metro North Railroad, MTA Long Island Rail Road, and by New Jersey Transit.

Intercity rail service is offered by Amtrak to destinations such as Boston, Philadelphia, Washington DC, and Albany.

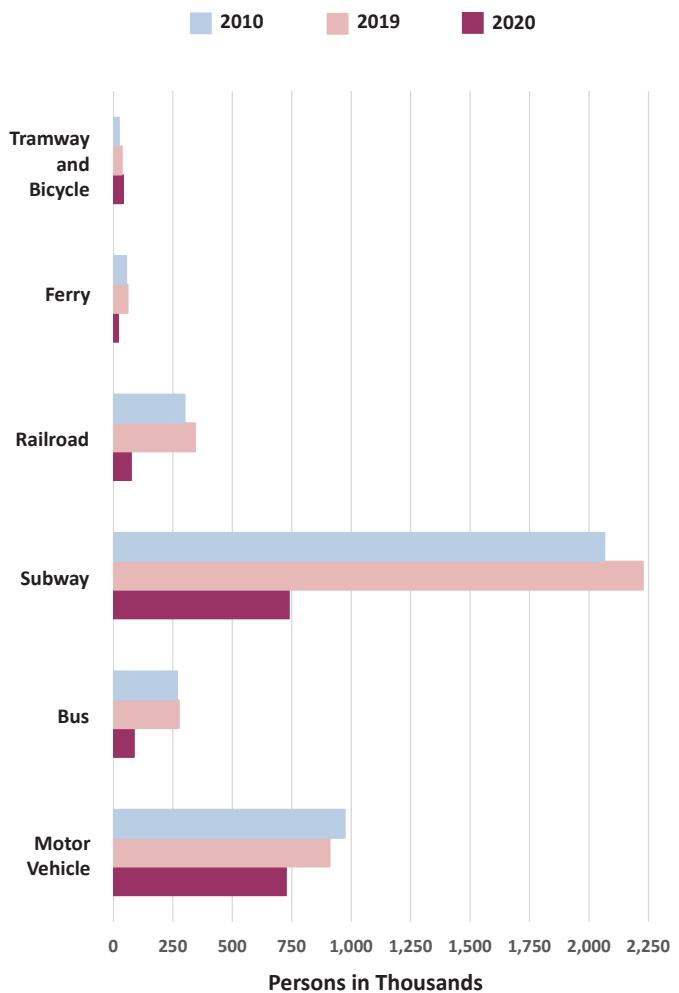
Ferry service is provided by the following ferry operators:

- Staten Island Ferry
- NY Waterway
- Hornblower
- NY Water Taxi and Circle Line Downtown
- Liberty Landing Ferry
- Seastreak Ferry

Tramway service is provided by Roosevelt Island Operating Corporation.

Motor vehicles include private autos, taxis, and private and commercial vans and trucks. This also includes livery service vehicles and commuter vanpools.

FIGURE 7
**TOTAL NUMBER OF PEOPLE
ENTERING THE HUB
ON A FALL BUSINESS DAY
BY MODE**
IN 2010, 2019 and 2020



A. Subway

The subway system continued to be the most popular mode of public transportation in 2020. The number of commuters, however, decreased by nearly 67%, with a daily average of over 738 thousand passengers into the Hub. In 2020, the subway system transported almost 2.95 million fewer passengers entering and leaving the Hub compared with 2019 (Figure 7 and Table 1A, Appendix I).

B. Bus

Bus service into the Hub is provided primarily by the MTA through its sub-agencies: New York City Transit (NYCT) and MTA Bus Company. NYCT operates nearly all local bus routes in and through the Hub, as well as numerous express routes to and from the outer boroughs. The MTA Bus Company also provides service on express routes in and out of the Hub. This report organizes bus ridership based on the point of entry into the Hub, and not by originating location. In 2020, buses brought almost 87,000 passengers daily into the Hub. Bus riders from New Jersey riding on express buses accounted for near 66% (or near 58,000) of all bus passengers entering the Hub on a typical business day in 2020. In general, the proportions of passengers in express buses far exceeds local buses in most of the individual CBD sectors. In particular, 100% of New Jersey bus riders entering the Hub are using express buses. Similarly, from the Brooklyn Sector, more than 95% of bus commuters are express bus passengers, and 64% of Queens Sector bus commuters are also express bus passengers. Conversely, only 38% of all bus passengers entering the Hub via the 60th Street Sector are express bus commuters, with the remaining 62% of this sector's bus riders using local buses to enter the CBD in Manhattan (Figure 13, page 19 and Table 18, Appendix II).

C. Suburban and Intercity Rail

Commuter and intercity rail trains brought about 75,000 passengers into the CBD on the survey date, a total of about 8.1% of all public transit passengers. That is almost a 4.4% share of all persons entering the Hub daily. In 2020, this mode experienced a decrease in ridership of about 78 percent or 270,000 passengers. It was the fourth most prevalent mode of entry into the Hub after the subway, private vehicles, and buses, in 2020. (Table 14 C, Appendix II).

FIGURE 8
**TOTAL NUMBER OF PEOPLE
ENTERING THE HUB
BY MODE, BY HOUR, IN 2020**

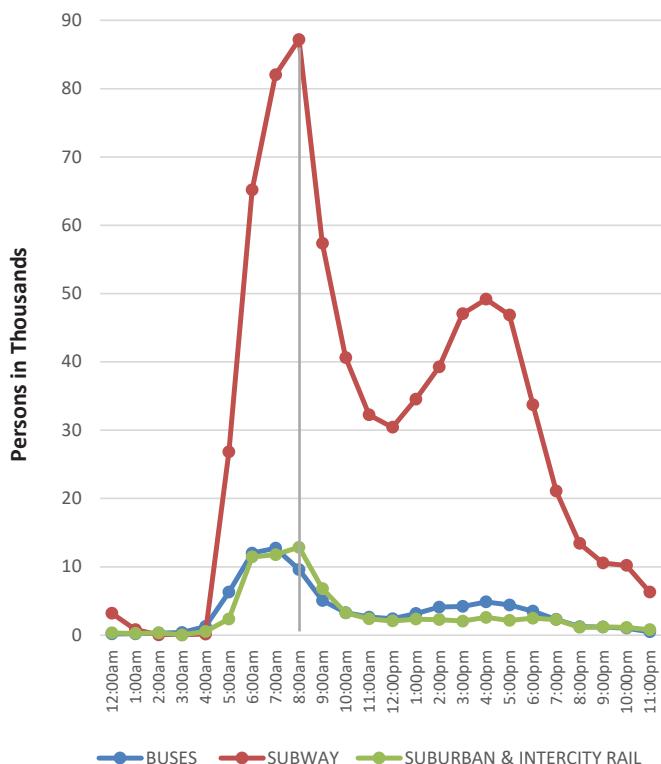
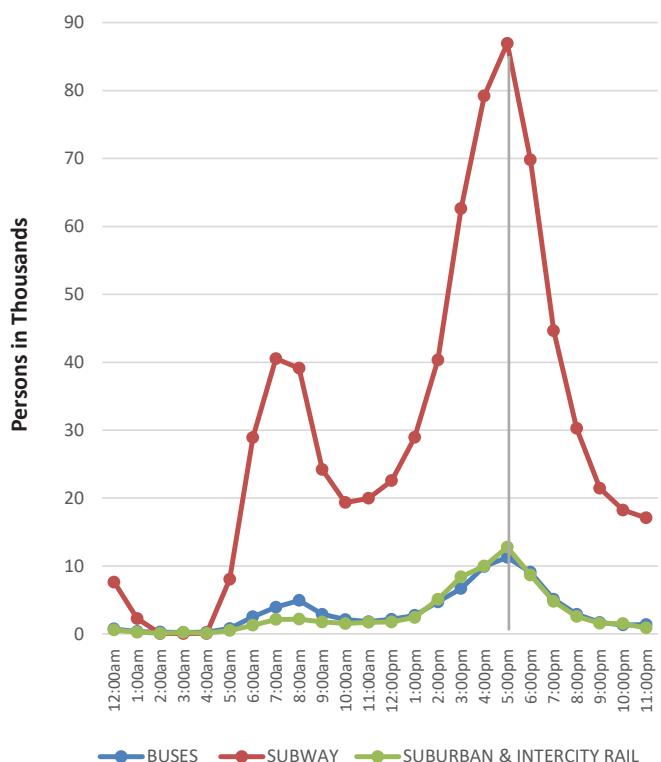


FIGURE 9
**TOTAL NUMBER OF PEOPLE
LEAVING THE HUB
BY MODE, BY HOUR, IN 2020**



D. Ferry and Tramway

Hub bound ferry travel via the Staten Island Sector reached nearly 13,200 inbound passengers in 2020, a decrease of about 62 percent from 2019. At the same time, the total of all private ferry passengers entering the Hub decreased by 67%, or about 40,900 persons, from 2019 (Figure 10 and Table on page III-43).

Roosevelt Island Tramway reported a decrease in inbound passengers of nearly 2,500 persons or 66% compared with 2019 (Figures 11 and Table on page III-43).

FIGURE 10

TOTAL NUMBER OF FERRY PASSENGERS ENTERING and LEAVING THE HUB ON A FALL BUSINESS DAY BY SECTOR, IN 2020

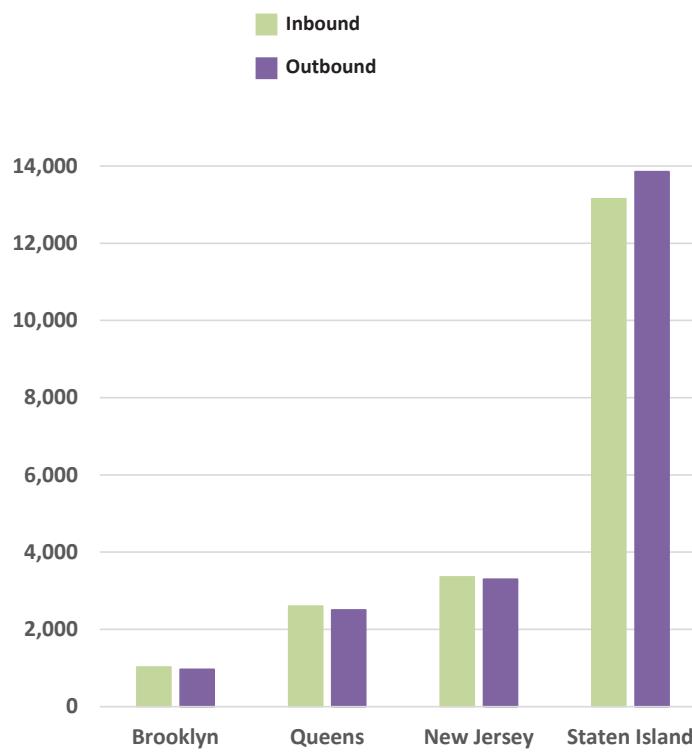
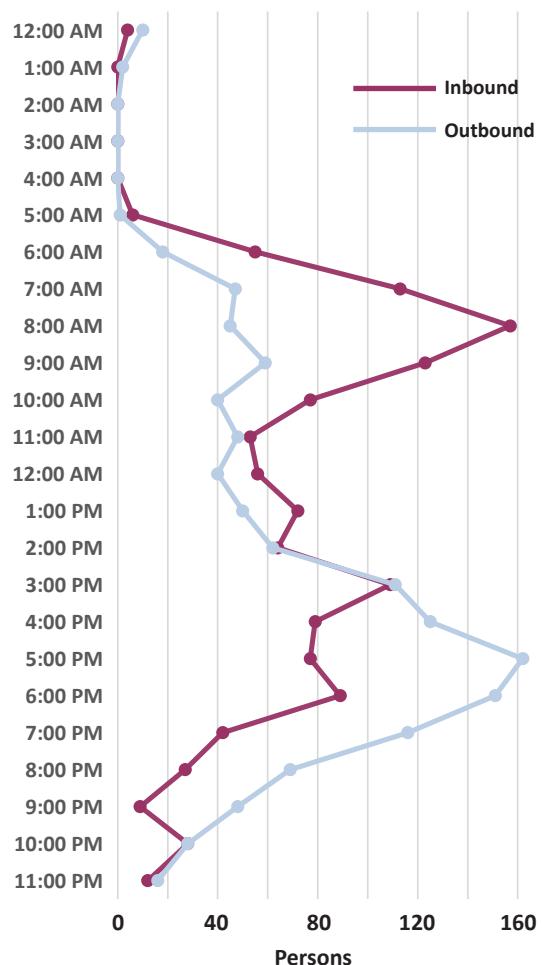


FIGURE 11

ROOSEVELT ISLAND TRAMWAY COMMUTERS ENTERING and LEAVING THE HUB ON A FALL BUSINESS DAY, IN 2020 BY HOUR

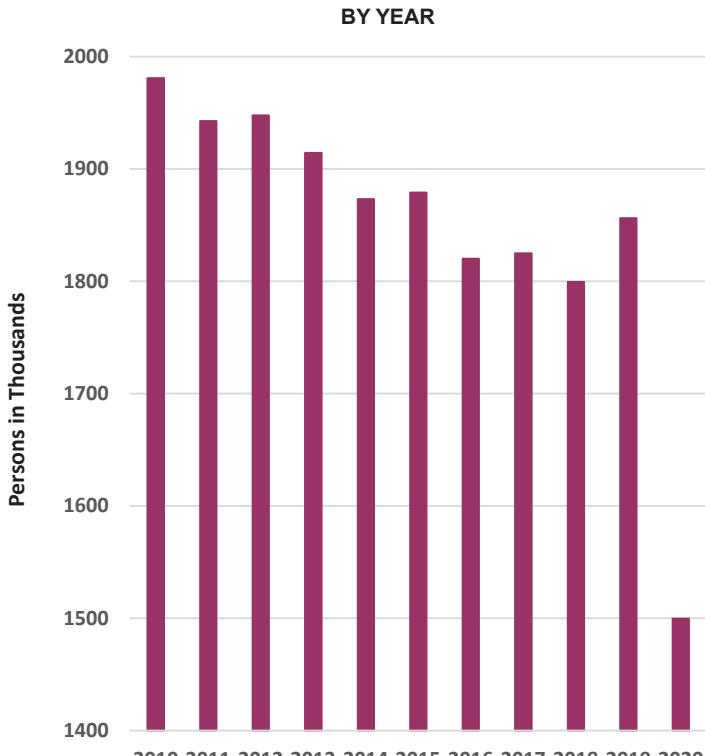


E. Motor Vehicles

Since the first Hub Bound Survey in 1924, private motor vehicles, including autos, taxis, vans and trucks, have been the second most common mode of transportation behind the subway system. In 2020, nearly 726,600 persons entered the Hub using private motor vehicles. This represents a decrease of 20% or about 183,100 passengers less compared with 2019 (Table 14 C, Appendix II).

Correspondingly, the share of travelers arriving from Brooklyn and Queens sectors by private vehicles decreased by 22.7%, and 24.8%, respectively in 2020. At the same time, the 60th Street and New Jersey sectors experienced a decrease of about 17.3% and 17.0%, respectively in private motor vehicle riders entering the Hub on a typical business day in 2020 (Table 14C, Appendix II).

FIGURE 12
**TOTAL NUMBER OF PEOPLE ENTERING
and LEAVING THE HUB
BY PRIVATE VEHICLES ***
ON A FALL BUSINESS DAY



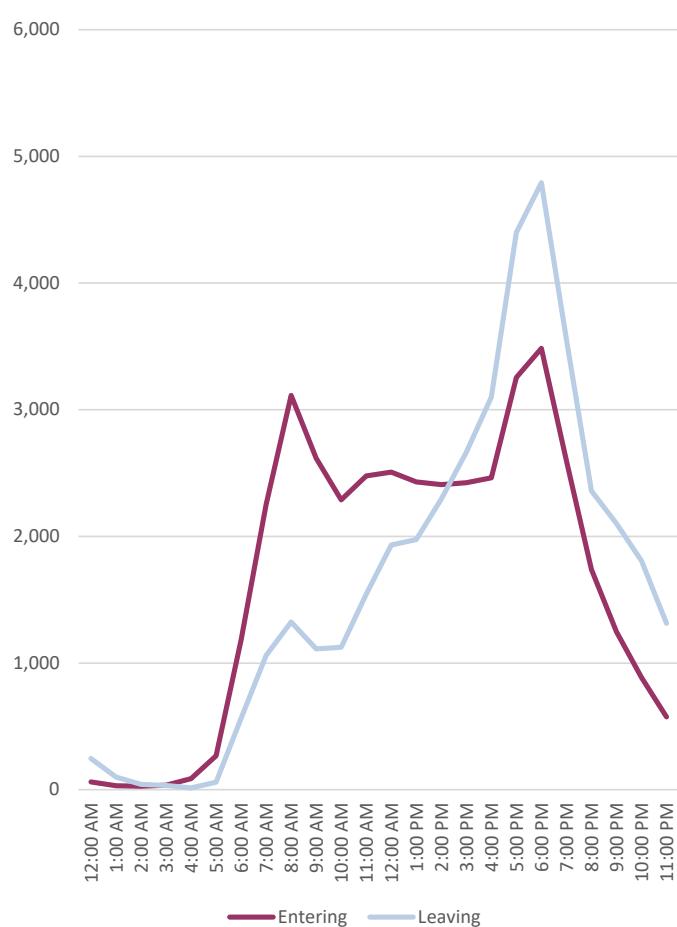
* Includes: Autos, Taxis, Commuter Vans and Trucks

F. Bicycle

In 2020, survey data provided by the New York City Department of Transportation showed nearly 40,500 bicyclists entering the Hub on a typical fall business day. This shows an increase of 24.5% (almost 7,950 riders) from 2019. The most active entry point to the Hub is the 60th Street Sector, generating almost 25,500 riders or 63% of all bicyclists entering the Hub in 2020. Approximately 10,500 bicyclists crossed the Brooklyn, Manhattan, and Williamsburg bridges from Brooklyn, while around 4,200 rode from Queens across the Ed Koch Queensboro Bridge. Bicyclists on trafficked roads were counted riding either with or against the flow of traffic (Table on page III-44).

Bicyclists' peaks were recorded at 8 AM (nearly 3,100 entering the Hub) and at 6 PM (about 4,800 leaving the Hub). (Figure 13).

FIGURE 13
**BICYCLISTS ENTERING and LEAVING
THE HUB ON A FALL BUSINESS DAY
IN 2020**
BY HOUR

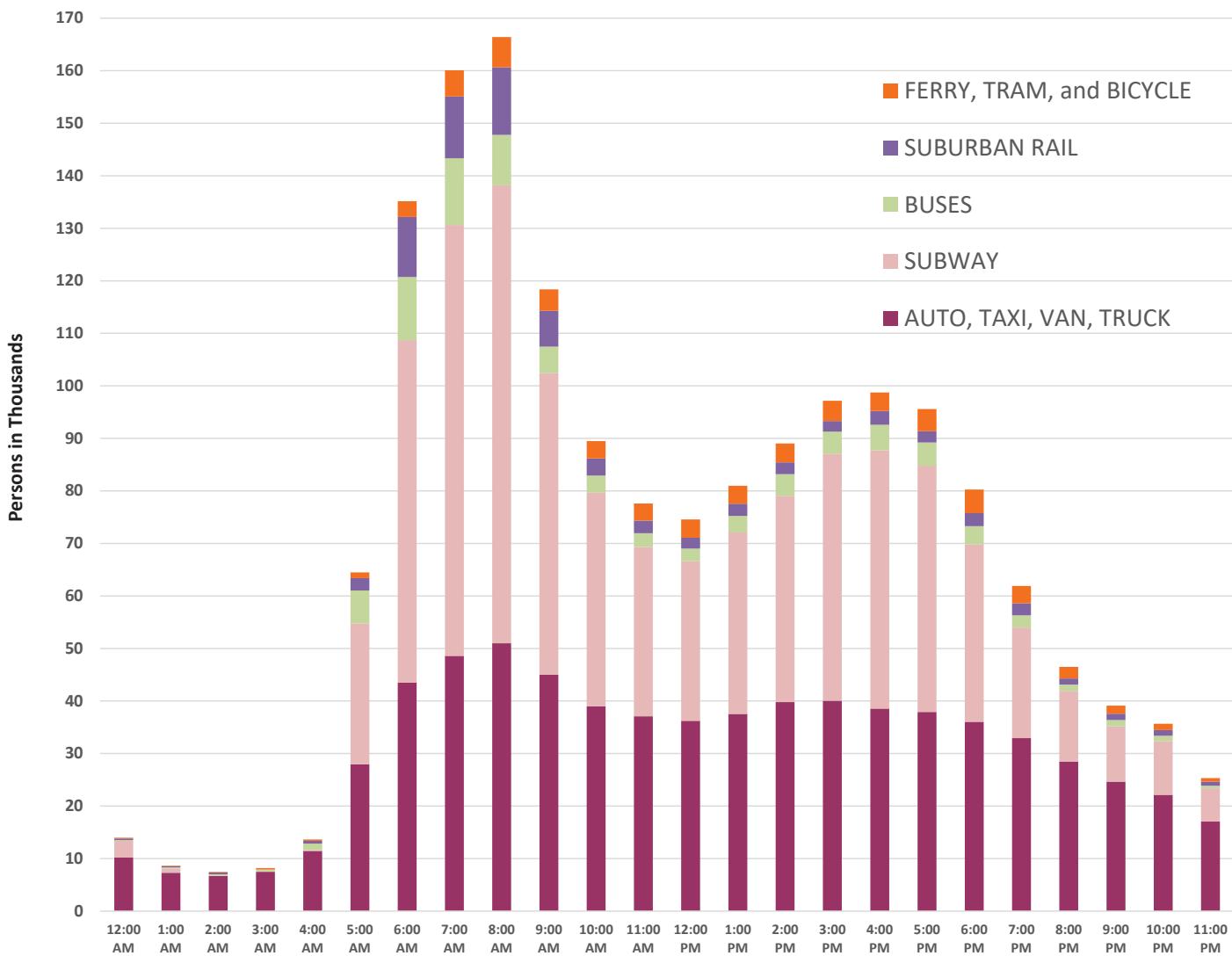


TIME OF ENTRY

The total number of persons entering the CBD in 2020 during the morning peak hour of 8:00 AM to 9:00 AM was about 166,400, which is about 73%, or 453,000 less than in 2019. During the morning peak period of 7:00 AM to 10:00 AM it was about 448,900, which is nearly 69%, or 999,000 less than in 2019.

In 2020, the total number of persons entering the CBD during the morning peak hour and morning peak period represented 9.9% and 26.4% of the total daily volume, respectively (Figure 14 and Tables 14A-14B, Appendix II).

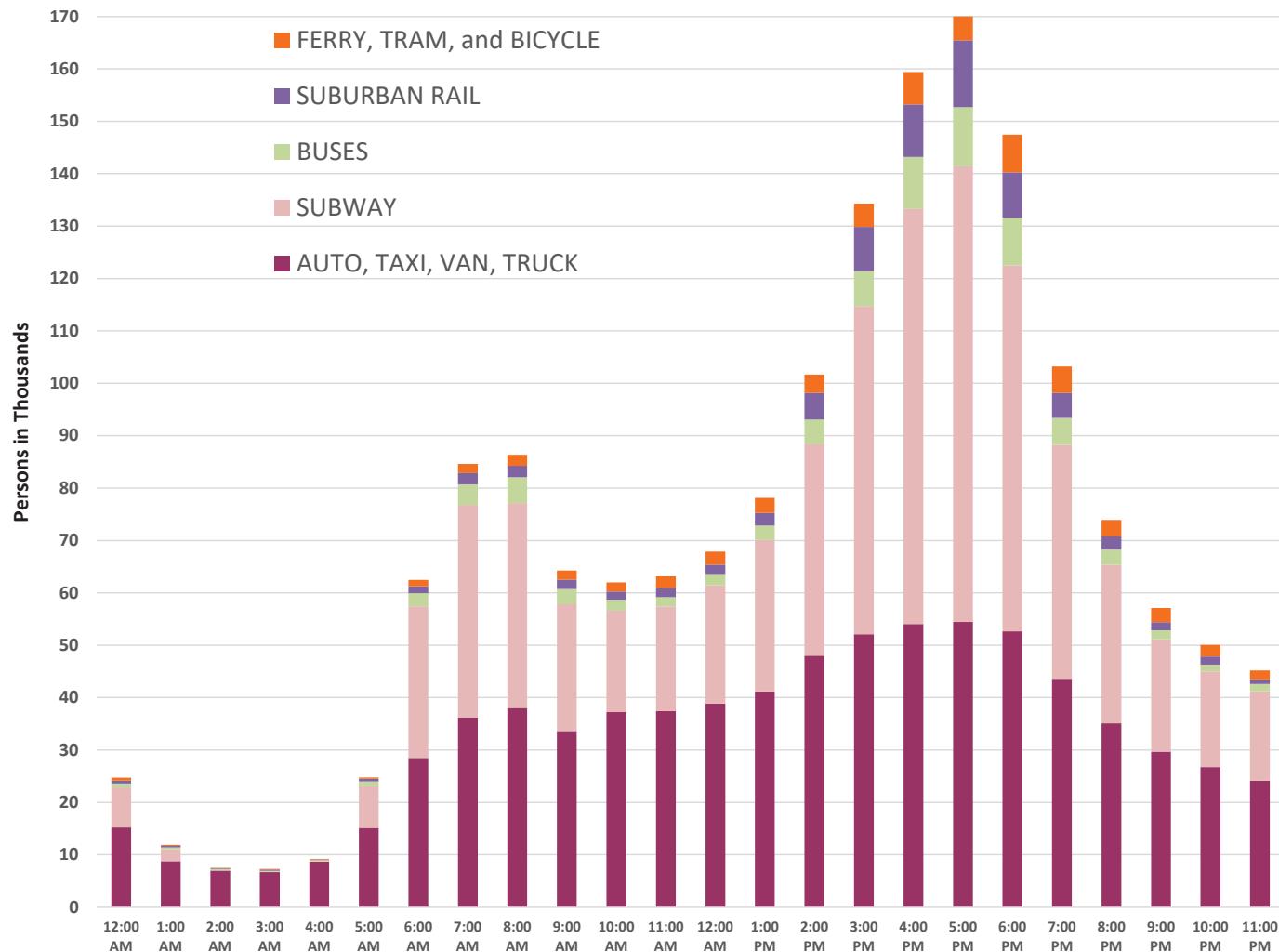
FIGURE 14
TOTAL NUMBER OF PEOPLE ENTERING THE HUB
ON A FALL BUSINESS DAY, IN 2020
BY HOUR, BY MODE



The peak afternoon hour of 5:00 PM to 6:00 PM recorded nearly 173,200 people leaving the Hub (about 65%, or 317,000 less than in 2019) while the peak period of 4:00 PM to 7:00 PM recorded roughly 480,100 persons leaving the Hub by all modes (which is about 62%, or 792,000 less than in 2019).

The afternoon peak hour and peak period ridership represented 10.2% and 28.2% of the total daily volume, respectively (Figure 15 and Tables 15A-15B, Appendix II).

FIGURE 15
**TOTAL NUMBER OF PEOPLE LEAVING THE HUB
 ON A FALL BUSINESS DAY, IN 2020**
 BY HOUR, BY MODE



Use of private vehicles to travel to the Hub had the highest volume between 7:00 AM to 9:00 AM and had a narrow peak while the highest traffic in the afternoon was spread out between 3:00 PM to 6:00 PM for outbound direction. (Figure 16 and Table 23A, Appendix II)

In 2020, almost 277,000 less vehicles entered and left the Hub in an average weekday than in 2019. This represents 19% decline in vehicle inbound and outbound traffic than before the pandemic.

FIGURE 16
**PRIVATE VEHICLES ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2020**
BY HOUR

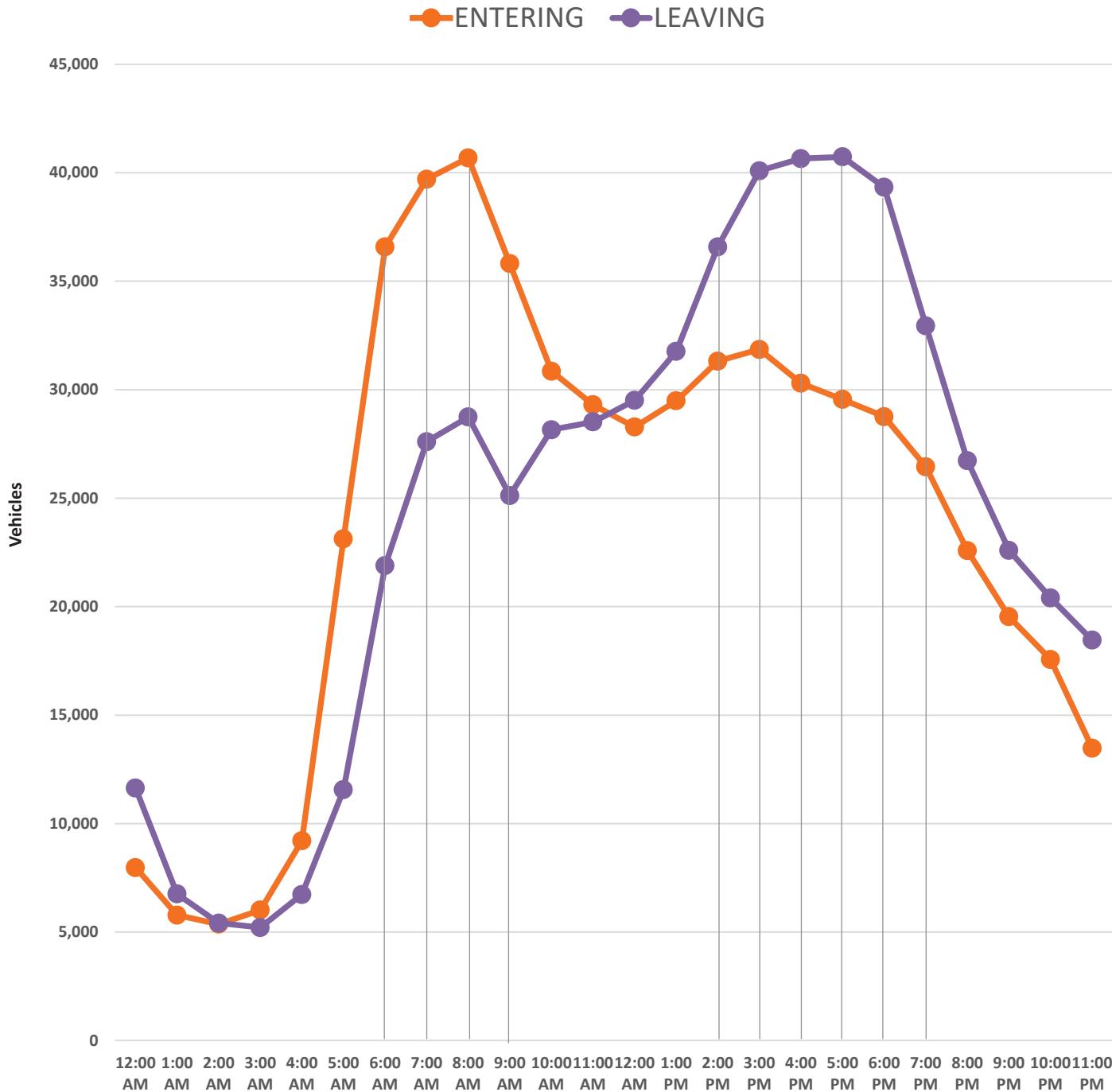


FIGURE 17
TOTAL BUSES AND PRIVATE VEHICLES
ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2020
BY SECTOR



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Appendix I

Time Series Tables - 2020

Note 1: As of 2020 Hub Bound survey data, the Covid-19 pandemic triggered sudden massive change to travel behaviors of people all around the region, most notably an increase in telecommuting, which impacted commuting to and from Manhattan CBD. This can be seen in the big changes in the 2020 data compared to the Hub Bound reports from previous years.

Note 2: Some data for 1999 were lost on 9/11/01

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TABLE 1A
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	1981	1982	1985	1986	1988	1990	1992	1993	1994									
PERSONS BY MODE																		
AUTO, TAXI, VAN & TRUCK	970	32%	1,069	33%	1,167	35%	1,137	34%	1,156	33%	1,112	33%	1,146	34%	1,124	34%	1,115	33%
BUS	243	8%	275	9%	297	9%	267	8%	242	7%	238	7%	225	7%	219	7%	220	6%
SUBWAY	1,614	53%	1,632	50%	1,641	49%	1,727	51%	1,798	52%	1,698	51%	1,699	51%	1,712	51%	1,765	52%
RAILROAD	218	7%	214	7%	219	7%	224	7%	234	7%	228	7%	223	7%	226	7%	233	7%
PASSENGER FERRY	25	1%	39	1%	34	1%	34	1%	41	1%	44	1%	41	1%	42	1%	42	1%
TRAM	4	0%	4	0%	4	-	3	0%	4	0%	2	0%	1	0%	7	0%	2	0%
TOTAL	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,335	-	3,330	-	3,382	-
PERSONS BY SECTOR																		
NORTH OF 60TH STREET	1,217	40%	1,302	40%	1,337	40%	1,338	39%	1,405	40%	1,299	39%	1,352	41%	1,341	40%	1,359	40%
BROOKLYN	831	27%	858	27%	903	27%	915	27%	924	27%	903	27%	871	26%	875	26%	868	26%
QUEENS	654	21%	654	20%	683	20%	695	20%	700	20%	670	20%	677	20%	675	20%	696	21%
NEW JERSEY	342	11%	374	12%	401	12%	406	12%	403	12%	411	12%	402	12%	408	12%	427	13%
STATEN ISLAND	26	1%	41	1%	34	1%	35	1%	39	1%	37	1%	33	1%	32	1%	30	1%
ROOSEVELT ISLAND	4	0%	4	0%	4	0%	3	0%	4	0%	2	0%	1	0%	-	-	2	0%
TOTAL	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,336	-	3,330	-	3,382	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
NORTH OF 60TH STREET	320	47%	341	49%	363	47%	352	47%	361	47%	349	46%	382	49%	370	49%	358	47%
BROOKLYN	165	24%	166	24%	199	26%	192	25%	188	25%	206	27%	185	24%	182	24%	185	25%
QUEENS	105	15%	99	14%	110	14%	111	15%	117	15%	104	14%	108	14%	107	14%	107	14%
NEW JERSEY	88	13%	94	13%	97	13%	97	13%	99	13%	101	13%	101	13%	102	13%	104	14%
STATEN ISLAND	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	-	-	-	-	0	0%
TOTAL	679	-	701	-	770	-	753	-	766	-	761	-	776	-	760	-	755	-

Notes: Since the Hub Bound surveys were conducted at several year intervals for earlier reports, data are not available for every year.
 Percentages may not total to 100 due to rounding

TABLE 1A (continued)
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	1995		1996		1997		1998		1999		2000		2001		2002		2003	
PERSONS BY MODE																		
AUTO, TAXI, VAN & TRUCK	1,138	33%	1,147	33%	1,233	35%	1,316	36%	1,302	35%	1,268	34%	998	29%	1,136	31%	1,179	33%
BUS	216	6%	220	6%	238	7%	231	6%	237	6%	228	6%	257	7%	260	7%	261	7%
SUBWAY	1,770	52%	1,790	52%	1,772	50%	1,817	49%	1,905	51%	1,989	51%	1,891	54%	1,878	51%	1,821	50%
RAILROAD	236	7%	246	7%	251	7%	254	7%	274	7%	301	8%	288	8%	307	8%	288	8%
PASSENGER FERRY	42	1%	41	1%	43	1%	43	1%	57	2%	46	1%	30	1%	67	2%	62	2%
TRAM	2	0%	2	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%
BICYCLE	(1)		(1)		8	0%	8	0%	14	0%	6	0%	6	0%	7	0%	9	0%
TOTAL	3,410	-	3,454	-	3,546	-	3,670	-	3,790	-	3,839	-	3,471	-	3,657	-	3,621	-
PERSONS BY SECTOR																		
NORTH OF 60TH STREET	1,385	41%	1,376	40%	1,376	39%	1,419	39%	1,494	39%	1,484	40%	1,346	39%	1,395	38%	1,399	39%
BROOKLYN	865	26%	883	26%	964	28%	991	27%	991	26%	1,040	27%	927	27%	987	27%	977	27%
QUEENS	702	21%	705	21%	712	20%	764	21%	784	21%	787	21%	772	22%	765	21%	740	20%
NEW JERSEY	425	13%	437	13%	460	13%	463	13%	481	13%	497	14%	424	12%	476	13%	473	13%
STATEN ISLAND	30	1%	30	1%	31	1%	31	1%	39	1%	30	1%	0	0%	33	1%	30	1%
ROOSEVELT ISLAND	2	0%	2	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%
TOTAL	3,410	-	3,433	-	3,544	-	3,669	-	3,790	-	3,839	-	3,471	-	3,657	-	3,621	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
NORTH OF 60TH STREET	361	48%	375	48%	377	47%	389	47%	393	47%	387	47%	369	54%	377	48%	383	47%
BROOKLYN	189	25%	182	23%	199	25%	206	25%	203	24%	201	24%	133	19%	178	23%	185	23%
QUEENS	117	16%	119	15%	131	16%	138	17%	135	16%	131	16%	127	18%	133	17%	139	17%
NEW JERSEY	104	14%	100	13%	101	12%	102	12%	112	13%	105	13%	60	9%	97	12%	103	13%
STATEN ISLAND	0	0%	0	0%	1	0%	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	772	-	776	-	809	-	836	-	844	-	825	-	689	-	785	-	810	-

Notes: Since the Hub Bound surveys were conducted at several year intervals for earlier reports, data are not available for every year.
 Percentages may not total to 100 due to rounding

(1) Data not available for the years before 1997

TABLE 1A (continued)
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	2004		2005		2006		2007		2008		2009		2010		2011		2012	
PERSONS BY MODE																		
AUTO, TAXI, VAN & TRUCK	1,172	32%	1,016	28%	1,009	28%	993	27%	939	25%	951	26%	974	26%	951	26%	940	25%
BUS	286	8%	280	8%	284	8%	291	8%	284	7%	274	8%	269	7%	263	7%	268	7%
SUBWAY	1,887	51%	1,926	54%	1,944	54%	2,085	56%	2,195	58%	1,994	55%	2,066	56%	2,067	56%	2,166	58%
RAILROAD	274	7%	284	8%	299	8%	305	8%	310	8%	300	8%	300	8%	302	8%	303	8%
PASSENGER FERRY	53	1%	52	1%	49	1%	49	1%	53	1%	54	2%	55	1%	50	1%	52	1%
TRAM	2	0%	2	0%	3	0%	3	0%	3	0%	3	0%	0	0%	3	0%	3	0%
BICYCLE	9	0%	9	0%	12	0%	15	0%	15	0%	21	1%	24	1%	25	1%	22	1%
TOTAL	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	
PERSONS BY SECTOR																		
NORTH OF 60TH STREET	1,386	38%	1,405	39%	1,401	39%	1,406	38%	1,465	39%	1,366	38%	1,385	38%	1,390	38%	1,405	37%
BROOKLYN	1,012	27%	901	25%	909	25%	986	26%	989	26%	944	26%	981	27%	964	26%	1,011	27%
QUEENS	752	20%	735	21%	742	21%	779	21%	778	20%	737	20%	748	20%	757	21%	780	21%
NEW JERSEY	499	14%	493	14%	515	14%	536	14%	528	14%	515	14%	537	15%	518	14%	521	14%
STATEN ISLAND	32	1%	33	1%	30	1%	30	1%	35	1%	36	1%	37	1%	30	1%	36	1%
ROOSEVELT ISLAND	2	0%	2	0%	3	0%	3	0%	3	0%	-	-	-	-	3	0%	3	0%
TOTAL	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
NORTH OF 60TH STREET	384	47%	377	47%	364	46%	353	45%	339	46%	343	46%	349	46%	347	46%	331	45%
BROOKLYN	195	24%	187	23%	186	23%	192	25%	176	24%	182	24%	186	24%	174	23%	178	24%
QUEENS	133	16%	133	17%	141	18%	136	17%	131	18%	137	18%	134	17%	138	18%	140	19%
NEW JERSEY	102	13%	101	13%	103	13%	102	13%	94	13%	87	12%	98	13%	89	12%	90	12%
STATEN ISLAND	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	815	-	798	-	794	-	783	-	739	-	750	-	767	-	748	-	740	

Note: Percentages may not total to 100 due to rounding

TABLE 1A (continued)
PERSONS AND VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE AND BY SECTOR FOR SELECTED YEARS (in thousands)

	2013		2014		2015		2016		2017		2018		2019		2020	
PERSONS BY MODE																
AUTO, TAXI, VAN & TRUCK	934	24%	913	24%	918	23%	897	23%	882	23%	878	23%	910	24%	727	43%
BUS	268	7%	263	7%	279	7%	279	7%	282	7%	280	7%	276	7%	87	5%
SUBWAY	2,223	58%	2,252	59%	2,318	59%	2,299	59%	2,287	59%	2,242	58%	2,228	58%	738	44%
RAILROAD	310	8%	318	8%	328	8%	339	9%	336	9%	338	9%	344	9%	75	4%
PASSENGER FERRY	49	1%	44	1%	54	1%	60	2%	62	2%	67	2%	61	2%	20	1%
TRAM	4	0%	3	0%	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%
BICYCLE	29	1%	28	1%	29	1%	32	1%	34	1%	34	1%	33	1%	40	2%
TOTAL	3,816		3,821		3,931		3,910		3,886		3,842		3,856		1,688	
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,432	38%	1,433	37%	1,430	36%	1,419	36%	1,407	36%	1,375	36%	1,375	36%	654	39%
BROOKLYN	1,043	27%	1,059	28%	1,075	27%	1,080	28%	1,073	28%	1,054	27%	1,076	28%	481	28%
QUEENS	780	20%	777	20%	817	21%	785	20%	775	20%	779	20%	777	20%	335	20%
NEW JERSEY	524	14%	521	14%	568	14%	581	15%	591	15%	587	15%	590	15%	204	12%
STATEN ISLAND	34	1%	29	1%	37	1%	41	1%	37	1%	42	1%	35	1%	13	1%
ROOSEVELT ISLAND	4	0%	3	0%	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%
TOTAL	3,816		3,821		3,931		3,910		3,886		3,842		3,856		1,688	
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																
NORTH OF 60TH STREET	329	45%	323	45%	318	44%	314	44%	301	43%	301	43%	291	40%	240	41%
BROOKLYN	184	25%	179	25%	176	24%	180	25%	185	26%	182	26%	216	30%	166	29%
QUEENS	132	18%	130	18%	139	19%	126	18%	123	18%	127	18%	131	18%	99	17%
NEW JERSEY	90	12%	87	12%	91	13%	88	12%	89	13%	89	13%	89	12%	74	13%
TOTAL	736		719		724		709		698		699		728		580	

Notes: See note 1 on page I-0

Percentages may not total to 100 due to rounding

TABLE 1B
PERSONS ENTERING THE HUB ON A FALL BUSINESS DAY
BY MODE DURING 7AM - 10AM PERIOD FOR SELECTED YEARS (in thousands)

YEAR / MODE	1993		1994		1995		1996		1997		1998		2000		2001		2002		2003	
AUTO, TAXI, VAN & TRUCK	216	16%	218	16%	219	16%	228	16%	252	18%	263	18%	259	17%	179	13%	220	16%	239	17%
	121	9%	121	9%	119	9%	122	9%	117	8%	120	8%	131	9%	132	10%	138	10%	140	10%
	859	62%	866	62%	855	62%	858	61%	845	60%	839	59%	958	63%	851	62%	813	58%	787	57%
	159	12%	165	12%	165	12%	169	12%	171	12%	193	13%	154	10%	183	13%	196	14%	184	13%
	25	2%	24	2%	24	2%	24	2%	25	2%	15	1%	23	2%	21	2%	39	3%	36	3%
	-	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%	0	0%	0	0%	1	0%
					2	0%	2	0%	1	0%	2	0%	1	0%	1	0%	2	0%	2	0%
TOTAL	1,381	-	1,396	-	1,385	-	1,403	-	1,412	-	1,433	-	1,536	-	1,368	-	1,408	-	1,388	-
YEAR / MODE	2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
AUTO, TAXI, VAN & TRUCK	228	17%	193	14%	193	15%	186	13%	180	12%	180	14%	186	14%	181	13%	139	10%	173	12%
	136	10%	132	10%	135	10%	139	10%	134	9%	128	10%	124	9%	124	9%	130	10%	133	9%
	804	59%	809	60%	785	59%	918	63%	915	63%	804	61%	832	61%	847	62%	877	64%	900	63%
	172	13%	180	13%	184	14%	188	13%	187	13%	182	14%	179	13%	183	13%	182	13%	185	13%
	29	2%	28	2%	28	2%	24	2%	27	2%	27	2%	27	2%	26	2%	25	2%	22	2%
	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%
	2	0%	2	0%	2	0%	3	0%	4	0%	5	0%	5	0%	6	0%	6	0%	8	1%
TOTAL	1,372	-	1,346	-	1,328	-	1,460	-	1,448	-	1,327	-	1,353	-	1,368	-	1,361	-	1,422	-
YEAR / MODE	2014		2015		2016		2017		2018		2019		2020							
AUTO, TAXI, VAN & TRUCK	167	12%	168	12%	160	11%	156	11%	153	11%	161	11%	145	33%						
	126	9%	131	9%	129	9%	127	9%	125	9%	122	8%	27	6%						
	910	64%	922	63%	921	64%	913	64%	902	64%	923	64%	227	51%						
	190	13%	197	14%	203	14%	198	14%	200	14%	201	14%	31	7%						
	23	2%	26	2%	25	2%	29	2%	30	2%	27	2%	6	1%						
	1	0%	1	0%	2	0%	1	0%	1	0%	1	0%	0	0%						
	8	1%	8	1%	9	1%	9	1%	9	1%	9	1%	8	2%						
TOTAL	1,426	-	1,452	-	1,448	-	1,434	-	1,421	-	1,444	-	445	-						

Notes: See notes 1 and 2 on page I-0

Percentages may not total to 100 due to rounding

TABLE 2
SHARE OF PEOPLE ENTERING THE HUB
IN PEAK HOUR (8-9 AM) AND PEAK PERIOD (7-10 AM) TO TOTAL
BY MODE (as a percentage*)

YEAR	AUTO, TAXI, VAN, TRUCK		PUBLIC TRANSPORTATION		TOTAL SHARE	
	8-9 AM	7-10 AM	8-9 AM	7-10 AM	8-9 AM	7-10 AM
1980	9%	23%	32%	60%	25%	49%
1990	7%	20%	26%	54%	19%	43%
1991	7%	20%	26%	54%	20%	43%
1992	7%	20%	25%	54%	19%	42%
1993	7%	19%	25%	53%	19%	42%
1994	7%	20%	24%	52%	18%	41%
1995	7%	19%	24%	51%	18%	41%
1996	7%	20%	24%	51%	18%	41%
1997	7%	20%	23%	50%	18%	39%
1998	7%	20%	23%	49%	17%	39%
2000	7%	20%	22%	49%	17%	40%
2001	6%	18%	22%	48%	17%	39%
2002	7%	19%	21%	47%	17%	38%
2003	7%	20%	21%	47%	17%	38%
2004	7%	19%	21%	46%	16%	37%
2005	7%	19%	20%	45%	16%	38%
2006	7%	19%	19%	44%	16%	37%
2007	6%	19%	21%	46%	17%	38%
2008	7%	19%	20%	44%	17%	38%
2009	7%	19%	20%	44%	16%	37%
2010	7%	20%	19%	43%	16%	37%
2011	7%	19%	20%	44%	16%	37%
2012	6%	19%	19%	44%	16%	37%
2013	6%	19%	20%	43%	16%	37%
2014	6%	18%	19%	43%	16%	37%
2015	6%	18%	19%	43%	16%	37%
2016	6%	18%	19%	43%	16%	37%
2017	6%	18%	19%	43%	16%	37%
2018	6%	18%	19%	43%	16%	37%
2019	6%	18%	19%	44%	16%	38%
2020	7%	20%	12%	32%	10%	27%

Notes: - See notes 1 and 2 on page I-0

* Percentages express the peak-period share of private motor vehicle and public transportation to total of 24-hour period person entries, respectively.
- Percentages may not total to 100 due to rounding

TABLE 3
TOTAL PERSONS ENTERING THE HUB DURING
MORNING PEAK HOUR (8-9 AM), MORNING PEAK PERIOD (7-10 AM)
AND CBD EMPLOYMENT

YEAR	24 HOURS	PEAK PERIOD 7-10 AM	PEAK HOUR 8-9 AM	HUB EMPLOYMENT
1980	3,013,000	1,467,300	739,200	1,777,000
1990	3,321,700	1,418,200	642,800	1,967,000
1991	3,331,600	1,420,300	652,700	1,858,000
1992	3,336,000	1,404,000	629,400	1,810,000
1993	3,330,000	1,380,800	622,000	1,805,000
1994	3,382,500	1,396,200	619,800	1,821,000
1995	3,410,200	1,384,100	616,500	1,828,000
1996	3,455,700	1,403,800	629,600	1,850,000
1997	3,545,460	1,412,700	638,100	1,879,600
1998	3,670,000	1,415,000	630,900	1,940,000
1999	3,790,000	N/A	N/A	2,005,000
2000	3,840,000	1,524,000	661,680	2,152,000
2001	3,471,000	1,367,200	593,500	2,128,000
2002	3,658,919	1,461,540	633,000	1,971,000
2003	3,620,813	1,384,803	602,987	2,010,000
2004	3,682,207	1,372,142	598,138	2,064,000
2005	3,568,742	1,345,676	574,161	2,217,000
2006	3,599,747	1,326,241	569,355	2,241,000
2007	3,739,966	1,459,848	639,984	2,265,000
2008	3,798,984	1,445,679	633,704	2,288,477
2009	3,598,327	1,327,128	575,127	2,275,090
2010	3,688,432	1,352,456	580,733	2,259,803
2011	3,661,557	1,367,959	593,517	1,898,000
2012	3,754,511	1,397,355	600,132	1,910,000
2013	3,816,493	1,422,360	622,269	1,943,000
2014	3,821,297	1,426,496	611,738	1,943,000
2015	3,930,753	1,451,984	625,817	1,954,000
2016	3,909,998	1,448,039	625,878	1,970,000
2017	3,885,608	1,433,954	615,885	2,162,000
2018	3,841,968	1,420,851	614,967	2,170,000
2019	3,855,708	1,443,555	619,503	2,177,000
2020	1,688,304	444,871	166,395	2,185,000

Notes: - See notes 1 and 2 on page I-0

- Beginning of 2011 CBD Employment data estimate methodology was changed therefore data thereafter may not be comparable with previous years.
- Employment (i.e., number of jobs at the place of work) was collected for 2017 base year and forecasted in NYMTC SED 2055 Forecast Update adopted on October 22, 2020.

TABLE 4
CUMULATIVE NUMBER OF PERSONS AND MOTOR VEHICLES
IN THE HUB ON A FALL BUSINESS DAY

YEAR	PERSONS				TIME OF MAXIMUM ACCUM.	MOTOR VEHICLES			
	MAXIMUM TRAVELER ACCUM.	HUB RESIDENTS*	MAXIMUM HUB ACCUM.			MAXIMUM TRAVELER AC- CUM.	HUB BASED VEHICLES	MAXIMUM HUB ACCUM.	TIME OF MAXIMUM ACCUM.
1990	1,318,000	528,000	1,846,000		01:00 PM	101,800	90,100	191,900	1:00PM
1991	1,325,000	530,000	1,855,000		01:00 PM	102,300	88,400	190,700	1:00PM
1992	1,262,000	529,000	1,791,000		01:00 PM	96,300	84,600	180,900	1:00PM
1993	1,250,000	530,900	1,780,900		01:00 PM	94,100	85,800	179,900	2:00PM
1994	1,273,000	535,000	1,808,000		01:00 PM	97,100	86,100	183,200	2:00PM
1995	1,277,000	539,000	1,816,000		01:00 PM	94,100	86,100	180,200	2:00PM
1996	1,295,000	544,000	1,839,000		01:00 PM	94,000	85,900	179,900	1:00PM
1997	1,303,000	547,000	1,850,000		01:00 PM	101,000	89,000	190,000	2:00PM
1998	1,296,000	551,000	1,847,000		01:00 PM	104,000	95,100	199,100	2:00PM
2000	1,464,000	552,000	2,015,846		01:00 PM	103,367	91,080	194,447	2:00PM
2001	1,254,000	540,000	2,016,000		01:00 PM	67,093	91,080	156,228	2:00PM
2002	1,253,800	567,000	1,805,800		01:00 PM	60,181	91,080	151,261	2:00PM
2003	1,273,519	573,000	1,821,360		01:00 PM	86,909	91,740	178,649	2:00PM
2004	1,228,259	583,000	1,783,259		02:00 PM	91,551	91,575	183,126	1:00PM
2005	1,197,459	590,000	1,172,459		02:00 PM	85,119	97,350	182,469	1:00PM
2006	1,244,863	590,000	1,834,863		02:00 PM	89,847	97,350	187,197	1:00PM
2007	1,325,609	597,000	1,922,609		01:00 PM	88,623	98,505	187,128	1:00PM
2008	1,334,179	616,883	1,951,062		01:00 PM	79,198	101,786	180,984	1:00PM
2009	1,209,458	621,000	1,830,458		02:00 PM	78,305	102,465	180,770	1:00PM
2010	1,231,071	619,228	1,850,292		02:00 PM	78,173	75,637	153,810	1:00PM
2011	1,230,220	591,000	1,821,220		02:00 PM	79,651	71,107	150,758	1:00PM
2012	1,316,844	597,000	1,913,844		02:00 PM	81,359	71,166	152,525	1:00PM
2013	1,342,153	598,000	1,940,153		02:00 PM	79,753	70,980	150,733	1:00PM
2014	1,365,561	600,000	1,965,561		02:00 PM	75,896	71,043	146,939	1:00PM
2015	1,392,132	603,000	1,995,132		02:00 PM	78,750	71,059	149,809	1:00PM
2016	1,381,111	620,000	2,001,111		02:00 PM	72,867	73,061	145,929	1:00PM
2017	1,378,724	643,000	2,021,724		02:00 PM	73,203	76,382	149,584	1:00PM
2018	1,378,366	636,000	2,014,366		02:00 PM	67,725	75,626	143,351	1:00PM
2019	1,382,597	645,000	2,027,597		02:00 PM	80,998	76,713	157,711	1:00PM
2020	384,302	678,000	1,062,302		02:00 PM	70,597	77,518	148,116	12:00PM

Notes: - See notes 1 and 2 on page I-0

- Beginning of 2011 CBD resident data estimate methodology was changed therefore data thereafter may not be comparable with previous years.

- 2017-2020 Manhattan HUB population is calculated based on the Census tract data.

-In 2020, the maximum travel accumulation has decreased significantly due to almost 1.5 million fewer subway ridership than in previous years. At the same time, the numbers of vehicles commuting to Manhattan Hub decreased by approximately 148 thousand compared to previous years.

TABLE 5
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY, 2012-2020

	2012	2013	2014	2015	2016	2017	2018	2019	2020
BUS PASSENGERS									
60TH STREET SECTOR									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	4,614	4,184	3,766	4,055	3,792	2,702	2,424	2,630	1,202
FIRST AVE/SECOND AVE	22,435	20,203	18,747	15,818	14,999	16,161	15,806	17,187	9,709
LEXINGTON AVE/THIRD AVE	11,940	11,588	10,241	9,730	8,955	8,179	10,201	10,610	6,226
MADISON AVE/FIFTH AVE	30,246	27,693	26,515	21,727	23,164	21,651	20,929	23,544	8,430
CENTRAL PK WEST	1,154	874	805	754	804	613	493	433	224
EIGHTH AVENUE	-	-	-	-	-	-	-	-	-
BROADWAY	9,715	9,952	8,478	6,999	7,350	6,082	5,692	6,054	2,951
COLUMBUS AVE/AMSTERDAM AVE	3,520	3,108	2,943	2,585	2,744	2,547	2,494	2,949	1,444
WEST END AVENUE	2,067	2,029	2,064	1,809	1,823	1,830	1,890	2,134	993
SECTOR TOTAL	85,691	79,631	73,559	63,477	63,631	59,765	59,929	65,541	31,179
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	(1)	398	359	335	306	329	337	318	274
MANHATTAN BRIDGE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	577 (2)
HUGH L. CAREY TUNNEL	41,663	43,256	42,136	40,239	40,590	42,241	38,264	36,111	14,703
SECTOR TOTAL	41,663	43,654	42,495	40,574	40,896	42,570	38,601	36,429	15,554
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	11,942	13,486	11,171	11,142	10,236	11,187	10,796	10,529	3,112
ED KOCH QUEENSBORO BRIDGE	11,624	10,932	11,224	9,472	9,870	9,353	10,800	10,741	5,385
SECTOR TOTAL	23,566	24,418	22,395	20,614	20,106	20,540	21,596	21,270	8,497
NEW JERSEY SECTOR									
HOLLAND TUNNEL	31,942	29,204	28,325	29,243	30,737	28,257	25,581	21,901	3,026
LINCOLN TUNNEL	341,539	355,120	360,978	426,931	400,370	406,250	399,391	387,166	108,310
SECTOR TOTAL	373,481	384,324	389,303	456,174	431,107	434,507	424,972	409,067	111,336
TOTAL BUS PASSENGERS	524,401	532,027	527,752	580,839	555,740	557,382	545,098	532,307	166,566

Notes: - See note 1 on page I-0

(1) - The B51 serving the Manhattan Bridge and B39 serving the Williamsburg Bridge were discontinued in June 2010.

- The B39 Bus serving the Williamsburg Bridge was reinstalled in 2013.

(2) - The B99 serving the Manhattan Bridge temporarily started in 2020

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 5 (continued)
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY, 2012-2020

	2012	2013	2014	2015	2016	2017	2018	2019	2020
SUBWAY PASSENGERS									
60TH STREET SECTOR									
SECOND AVENUE LOCAL	(1)	(1)	(1)	(1)	(1)	149,277	152,728	152,027	47,959
LEXINGTON AVENUE EXPRESS	350,863	362,135	372,522	363,116	386,250	330,963	318,049	316,231	123,279
LEXINGTON AVENUE LOCAL	340,920	346,656	341,376	327,790	307,982	247,372	233,504	240,531	85,156
EIGHTH AVENUE EXPRESS	268,129	278,292	286,126	299,008	274,781	300,544	287,321	283,787	104,784
EIGHTH AVENUE LOCAL	123,777	128,046	132,713	144,149	144,082	141,307	113,955	136,281	32,644
BROADWAY/7TH AVE EXPRESS	281,075	293,363	295,947	311,191	320,456	302,063	274,527	291,697	94,066
BROADWAY/7TH AVE LOCAL	224,899	235,546	239,350	235,108	223,675	214,038	240,356	226,567	63,981
SECTOR TOTAL	1,589,663	1,644,038	1,668,034	1,680,362	1,657,226	1,685,564	1,620,440	1,647,121	551,869
BROOKLYN SECTOR									
14TH STREET TUNNEL	217,993	224,172	234,538	258,485	248,094	304,551	256,472	246,791	93,175
WILLIAMSBURG BRIDGE	124,980	132,233	138,808	160,790	165,077	122,004	145,506	148,986	49,966
RUTGERS TUNNEL	139,459	146,056	154,590	157,575	154,766	122,820	143,512	132,948	36,933
MANHATTAN BRIDGE	382,856	423,470	391,249	437,764	419,024	439,103	439,896	406,397	152,113
CRANBERRY ST. TUNNEL	243,259	253,840	269,635	252,724	251,898	239,232	258,881	249,039	75,446
CLARK ST. TUNNEL	146,585	159,668	149,865	147,180	151,529	144,782	131,054	142,671	39,328
MONTAGUE ST. TUNNEL	65,440	(2)	63,660	56,863	61,386	61,642	59,960	51,434	11,107
JORALEMON ST. TUNNEL	190,859	215,002	194,120	169,645	187,043	178,793	162,733	167,197	57,364
SECTOR TOTAL	1,511,431	1,554,441	1,596,465	1,641,026	1,638,817	1,612,927	1,598,014	1,545,463	515,432
QUEENS SECTOR									
60TH STREET TUNNEL	277,751	280,490	282,481	283,573	292,407	268,370	250,506	224,151	83,686
53RD STREET TUNNEL	291,506	296,450	293,904	290,750	261,254	298,886	316,289	290,643	101,345
STEINWAY ST. TUNNEL	209,062	217,307	218,246	251,677	253,508	250,218	213,140	259,095	91,707
63RD STREET TUNNEL	172,102	173,726	173,005	184,759	180,682	140,057	170,538	158,364	46,018
SECTOR TOTAL	950,421	967,973	967,636	1,010,759	987,851	957,531	950,473	932,253	322,756

Notes: - See note 1 on page I-0

(1) - Second Avenue subway on the Upper East Side (the first phase of the new subway line) officially opened to the public on Jan. 1, 2017.

(2) - Location was not surveyed due to Montague St. Tunnel closure

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 5 (continued)
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY, 2012-2020

	2012	2013	2014	2015	2016	2017	2018	2019	2020
SUBWAY PASSENGERS									
NEW JERSEY SECTOR									
PATH DOWNTOWN	108,402	104,578	98,179	109,785	122,884	132,208	139,153	137,082	30,660
PATH UPTOWN	122,821	126,941	124,721	135,752	130,859	137,426	130,792	136,365	29,978
SECTOR TOTAL	231,223	231,519	222,900	245,537	253,743	269,634	269,945	273,447	60,638
TOTAL SUBWAY PASSENGERS	4,282,738	4,397,971	4,455,035	4,577,684	4,537,637	4,525,656	4,438,872	4,398,284	1,450,695
SUBURBAN RAIL PASSENGERS									
AMTRAK & MTA METRO-NORTH RR	212,203	212,920	215,376	221,466	222,545	226,389	228,682	226,296	36,535
AMTRAK & MTA LIRR	227,522	230,974	235,797	238,956	242,343	242,853	243,485	246,843	70,989
AMTRAK & NJ TRANSIT	164,098	172,646	181,752	194,377	200,805	197,399	196,740	212,191	40,158
TOTAL RAIL PASSENGERS	603,823	616,540	632,925	654,799	665,693	666,641	668,907	685,330	147,682
FERRY PASSENGERS									
MANHATTAN & UPSTATE	-	-	-	-	-	-	-	-	0
BROOKLYN	1,904	313	147	468	1,538	3,891	3,290	5,203	1,993
QUEENS	704	702	-	948	1,261	6,850	6,580	8,327	5,110
STATEN ISLAND (1)	72,705	67,299	58,511	72,456	84,116	79,159	83,709	68,175	27,007
NEW JERSEY	30,279	29,239	29,069	34,887	35,836	35,901	36,340	36,820	6,659
TOTAL FERRY PASSENGRS	105,592	97,553	87,727	108,759	122,751	125,801	129,919	118,525	40,769
ROOSEVELT ISLAND TRAMWAY	6,759	7,080	5,561	7,680	9,205	5,516	7,326	7,820	2,500
TOTAL PUBLIC TRANSIT PASSENGERS (2)	5,523,313	5,651,171	5,709,000	5,929,761	5,891,026	5,880,996	5,790,122	5,742,266	1,808,212
BICYCLE (3)	43,608	56,787	55,360	58,448	64,078	67,286	67,160	65,588	79,980

Notes: - See note 1 on page I-0

(1) - Excludes number of bicyclists on ferry

(2) - Total includes sum of Tables 5 (A, B, C) passengers

(3) - Total for all sectors, including Staten Island Ferry bicyclists

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 6
TOTAL RAIL TRAINS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2017-2020)

SECTOR AND FACILITY	2017			2018			2019			2020		
	AM	PM	OFF *									
	PEAK	PEAK	(18 hrs)									
60TH STREET SECTOR												
SECOND AVE LOCAL (1)	24	22	287	22	19	254	24	27	223	25	24	257
LEXINGTON AVE EXPRESS	61	57	525	52	61	430	65	66	473	58	67	459
LEXINGTON AVE LOCAL	44	45	450	35	41	417	50	47	451	52	51	437
EIGHTH AVE EXPRESS	49	47	467	49	45	484	49	46	467	50	44	478
EIGHTH AVE LOCAL	38	36	345	37	32	309	36	37	321	33	32	311
B'WAY/7TH AV EXPRESS	58	51	419	56	54	385	57	55	472	53	55	444
B'WAY/7TH AV LOCAL	41	39	382	42	40	353	43	39	388	40	41	372
AMTRAK/METRO-NORTH	121	108	413	121	108	421	121	108	417	51	51	245
SECTOR TOTAL	436	405	3,288	414	400	3,053	445	425	3,212	362	365	3,003
BROOKLYN SECTOR												
14TH STREET TUNNEL	51	43	410	50	46	373	51	45	327	52	46	442
WILLIAMSBURG BRIDGE	43	40	391	46	46	400	47	43	436	49	47	408
RUTGERS ST. TUNNEL	33	32	306	32	33	315	32	31	301	23	23	260
MANHATTAN BRIDGE	97	96	824	91	82	772	96	93	710	98	90	825
CRANBERRY ST. TUNNEL	59	53	406	57	49	385	54	40	406	51	50	385
CLARK ST. TUNNEL	46	50	420	44	50	370	48	49	476	44	53	411
MONTAGUE ST. TUNNEL	24	26	249	23	28	272	24	25	187	25	25	208
JORALEMON ST. TUNNEL	56	57	526	51	63	450	57	64	474	56	61	467
SECTOR TOTAL	409	397	3,532	394	397	3,337	409	390	3,317	398	395	3,406
QUEENS SECTOR												
60TH STREET TUNNEL	59	63	501	58	62	552	60	63	482	63	62	549
53RD STREET TUNNEL	60	59	467	61	56	477	60	54	489	56	57	418
STEINWAY ST. TUNNEL	67	57	478	57	55	425	72	60	513	69	65	504
63RD STREET TUNNEL	40	37	292	38	38	303	39	36	306	23	22	263
AMTRAK/LIRR TUNNEL	86	80	331	87	80	346	87	80	349	80	74	332
SECTOR TOTAL	312	296	2,069	301	291	2,103	318	293	2,139	291	280	2,066
SUBTOTAL, NYCT	950	910	8,145	901	900	7,726	964	920	7,902	920	915	7,898
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNEL	67	67	378	67	67	379	70	69	388	65	65	375
PATH UPTOWN TUNNEL	61	55	399	61	55	399	61	56	410	62	58	364
AMTRAK/NJ TRANSIT TUNNELS	62	60	333	59	64	345	59	62	347	49	47	276
SECTOR TOTAL	190	182	1,110	187	186	1,123	190	187	1,145	176	170	1,015
GRAND TOTAL	1,347	1,280	9,999	1,296	1,274	9,616	1,362	1,295	9,813	1,227	1,210	9,490

Notes: - See note 1 on page I-0

* - Peak period for inbound travel is 7 am to 10 am and peak period for outbound travel is 4 pm to 7 pm; Off peak is the remainder of the 24 hour day.

(1) - Second Avenue subway on the Upper East Side (the first phase of the new subway line) officially opened to the public on Jan. 1, 2017.

TABLE 7
NUMBER OF RAIL CARS ON SUBWAY AND COMMUTER RAIL TRAINS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2017-2020)

SECTOR AND FACILITY	2017			2018			2019			2020		
	AM	PM	OFF *									
	PEAK	PEAK	(3 hrs)									
60TH STREET SECTOR												
SECOND AVE LOCAL (1)	240	220	2,870	220	190	2,540	192	216	1,784	200	192	2,056
LEXINGTON AVE EXPRESS	610	570	5,250	520	610	4,300	650	660	4,730	580	670	4,590
LEXINGTON AVE LOCAL	440	450	4,500	350	410	4,170	500	470	4,510	520	510	4,370
EIGHT AVE EXPRESS	392	376	3,736	392	360	3,872	392	368	3,736	400	352	3,824
EIGHT AVE LOCAL	304	288	2,760	296	256	2,472	288	296	2,568	264	256	2,488
B'WAY/7TH AV EXPRESS	580	510	4,190	560	540	3,850	570	550	4,720	530	550	4,440
B'WAY/7TH AV LOCAL	410	390	3,820	420	400	3,530	430	390	3,880	400	410	3,720
AMTRAK/METRO-NORTH	906	803	3,034	902	797	3,059	905	799	2,995	384	395	1,835
SECTOR TOTAL	3,642	3,387	27,290	3,660	3,563	27,793	3,927	3,749	28,923	3,278	3,335	27,323
BROOKLYN SECTOR												
14TH STREET TUNNEL	408	344	3,280	400	368	2,984	408	360	2,616	416	368	3,536
WILLIAMSBURG BRIDGE	344	320	3,128	368	368	3,200	376	344	3,488	392	376	3,264
RUTGERS ST. TUNNEL	330	320	3,060	320	330	3,150	320	310	3,010	230	230	2,600
MANHATTAN BRIDGE	870	868	7,504	816	740	7,018	768	744	5,656	784	720	6,600
CRANBERRY ST. TUNNEL	472	424	3,248	456	392	3,080	432	320	3,248	408	400	3,080
CLARK ST. TUNNEL	460	500	4,200	440	500	3,700	480	490	4,760	440	530	4,110
MONTAGUE ST. TUNNEL	192	208	2,034	184	228	2,278	240	250	1,840	246	250	2,040
JORALEMON ST. TUNNEL	560	570	5,260	510	630	4,500	570	640	4,740	560	610	4,670
SECTOR TOTAL	3,636	3,554	31,714	3,494	3,556	29,910	3,594	3,458	29,358	3,476	3,484	29,900
QUEENS SECTOR												
60TH STREET TUNNEL	548	582	4,622	536	572	5,142	526	552	4,212	552	544	4,770
53RD STREET TUNNEL	552	546	4,368	566	520	4,462	556	498	4,544	516	528	3,868
STEINWAY ST. TUNNEL	737	627	5,258	627	605	4,675	792	660	5,643	759	715	5,544
63RD STREET TUNNEL	400	370	2,920	380	380	3,030	390	360	3,060	230	220	2,630
AMTRAK/LIRR TUNNEL	860	818	3,371	868	815	3,490	868	819	3,526	782	738	3,253
SECTOR TOTAL	3,097	2,943	20,539	2,977	2,892	20,799	3,132	2,889	20,985	2,839	2,745	20,065
TOTAL, NYCT	8,609	8,263	73,138	8,141	8,209	69,413	8,880	8,478	72,745	8,427	8,431	72,200
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNEL	536	536	3,024	510	510	2,872	534	527	2,945	494	494	2,849
PATH UPTOWN TUNNEL	427	385	2,793	427	385	2,793	427	392	2,870	434	406	2,548
AMTRAK/NJ TRANSIT TUNNELS	529	516	2,618	500	519	2,622	501	514	2,640	427	404	2,211
SECTOR TOTAL	1,492	1,437	8,435	1,437	1,414	8,287	1,462	1,433	8,455	1,355	1,304	7,608
GRAND TOTAL	11,867	11,321	87,978	11,568	11,425	86,789	12,115	11,529	87,721	10,948	10,868	84,896

Notes: - See note 1 on page I-0

* - Peak period for inbound travel is 7 am to 10 am and peak period for outbound travel is 4 pm to 7 pm; Off peak is the remainder of the 24 hour day.

(1) - Second Avenue subway on the Upper East Side (the first phase of the new subway line) officially opened to the public on Jan. 1, 2017.

TABLE 8
AVERAGE FLOOR SPACE PER PASSENGER (1)
ENTERING THE HUB ON A FALL BUSINESS DAY,
DURING 8AM-9AM PEAK HOUR (2010-2020)
(in square feet)

MODE / YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
60TH STREET SECTOR											
SUBWAY-EXPRESS	5	6	5	4	4	4	4	4	4	4	18
SUBWAY-LOCAL	6	6	6	5	5	5	5	5	5	5	28
SUBURBAN RAIL	7	7	7	7	7	7	7	7	7	7	26
BUS	11	9	10	11	12	13	14	15	15	13	37
SECTOR AVERAGE	6	6	6	5	23						
BROOKLYN SECTOR											
SUBWAY	6	6	6	5	5	5	5	5	5	5	24
BUS	7	8	8	9	9	9	9	9	9	10	36
SECTOR AVERAGE	6	6	6	5	5	5	5	6	5	5	24
QUEENS SECTOR											
SUBWAY	6	6	6	5	6	5	5	5	5	5	19
SUBURBAN RAIL	7	7	7	7	7	7	7	7	7	7	38
BUS	11	10	10	11	12	12	16	13	14	14	47
SECTOR AVERAGE	7	6	23								
NEW JERSEY SECTOR											
SUBWAY	5	5	5	5	5	4	4	4	4	4	24
SUBURBAN RAIL	8	6	6	6	5	6	5	5	5	5	36
BUS	9	9	9	9	9	8	8	8	8	8	29
SECTOR AVERAGE	7	7	7	7	7	6	6	6	6	6	29
STATEN ISLAND FERRY	13	15	14	14	15	13	15	13	13	17	65
ROOSEVELT ISLAND TRAMWAY (2)	-	4	3	3	3	3	3	6	4	4	4
ALL TRANSIT MODES	6	24									

Notes: - See note 1 on page I-0

(1) - Average floor space per passenger is a measure of passenger level of comfort.

(2) - 2010 data for Roosevelt Island Tramway not available due to closure of the aerial tramway for modernization, in 2010

TABLE 9
EXPRESS AND LOCAL BUSES AND BUS PASSENGERS ENTERING THE HUB
ON A FALL BUSINESS DAY (2010-2020)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	46,857	48,281	46,764	48,062	45,889	43,118	41,745	42,848	40,938	39,737	16,783
WEST OF HUDSON	193,768	187,382	191,074	191,988	192,349	214,609	215,478	219,336	217,485	212,146	57,543
NORTH OF NYC	424	305	257	354	272	252	241	260	291	236	114
TOTAL EXPRESS BUS	241,049	235,968	238,095	240,404	238,510	257,979	257,464	262,444	258,714	252,119	74,440
LOCAL BUS	27,614	27,138	29,809	27,832	24,161	20,975	21,229	19,834	21,021	24,107	12,266
TOTAL BUS PASSENGERS	268,663	263,106	267,904	268,236	262,671	278,954	278,693	282,278	279,735	276,226	86,706
NUMBER OF BUSES											
EXPRESS BUS											
NEW YORK CITY	1,678	1,603	1,598	1,659	1,645	1,617	1,597	1,604	1,631	1,648	1,699
WEST OF HUDSON	7,838	7,664	7,654	7,588	7,698	7,728	7,754	7,967	7,868	7,789	4,730
NORTH OF NYC	34	26	12	12	12	12	11	11	11	10	10
TOTAL EXPRESS BUS	9,550	9,293	9,264	9,259	9,355	9,357	9,362	9,582	9,510	9,447	6,439
LOCAL BUS	1,872	1,799	1,783	1,791	1,759	1,728	1,782	1,803	1,749	1,743	1,822
TOTAL BUSES	11,422	11,092	11,047	11,050	11,114	11,085	11,144	11,385	11,259	11,190	8,261

Notes: - See note 1 on page I-0

- In 2009/2010 MTA Bus Company was formed by merging many small private bus operators, resulting in route changes and counts.

TABLE 10
TOTAL PERSONS ENTERING AND LEAVING THE HUB BY AUTO, TAXI, VAN AND TRUCK
ON A FALL BUSINESS DAY (2011-2020)

VEHICLE OCCUPANTS / LOCATION	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
60TH STREET SECTOR										
EAST OF CENTRAL PARK										
FDR DRIVE	189,231	196,913	195,423	191,309	187,021	192,664	192,149	201,826	180,015	192,324
YORK AVENUE	45,235	45,436	44,227	42,477	42,909	30,726	30,448	34,210	33,607	21,750
SECOND AND FIRST AVENUES	110,739	94,929	101,793	105,217	98,916	88,794	98,573	90,259	85,191	71,136
QUEENSBORO BRIDGE RAMP	45,194	42,625	40,162	39,033	39,984	42,738	39,821	41,299	41,737	31,362
LEXINGTON AND THIRD AVENUES	75,792	74,994	68,538	67,055	62,575	63,911	61,795	61,799	57,313	42,903
PARK AVENUE	63,233	58,884	58,915	56,929	52,978	49,594	48,965	51,764	51,983	35,684
FIFTH AND MADISON AVENUES	77,917	78,596	71,815	68,590	68,710	69,745	56,484	54,586	53,561	43,241
SUBTOTAL	607,341	592,377	580,873	570,610	553,093	538,172	528,235	535,743	503,407	438,400
CENTRAL PARK DRIVES	12,988	12,699	11,438	10,285	11,501	7,971	7,584	(1)	(1)	(1)
WEST OF CENTRAL PARK										
EIGHTH AVE./CENTRAL PARK WEST (2)	27,717	25,715	25,909	24,641	24,581	22,836	23,186	22,324	20,789	14,049
BROADWAY	43,877	42,753	41,352	39,691	38,746	35,562	38,454	33,011	33,567	20,887
COLUMBUS AND AMSTERDAM AVE.	71,203	62,423	62,331	52,454	55,872	52,190	53,383	58,403	51,764	38,715
WEST END AVENUE	36,227	35,970	34,582	33,035	32,513	29,814	30,479	32,912	30,693	20,763
WEST SIDE HIGHWAY	127,418	126,406	127,869	130,798	130,334	132,990	130,145	128,221	138,491	110,957
SUBTOTAL	306,442	293,267	292,043	280,619	282,046	273,392	275,647	274,871	275,304	205,371
SECTOR TOTAL	926,771	898,343	884,354	861,514	846,640	819,535	811,466	810,613	778,711	643,771
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	131,280	142,822	146,517	141,418	133,361	133,941	133,698	133,007	163,455	108,349
MANHATTAN BRIDGE	116,178	121,500	118,250	113,982	118,636	115,102	108,897	102,793	94,645	93,911
BROOKLYN BRIDGE	133,844	126,798	129,723	126,865	129,227	133,399	145,130	150,549	193,433	144,150
HUGH L. CAREY TUNNEL	57,484	61,069	61,362	61,509	64,050	65,036	63,168	68,007	66,142	63,104
SECTOR TOTAL	438,786	452,189	455,852	443,774	445,274	447,478	450,893	454,356	517,675	409,514
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	125,129	131,390	127,136	122,316	127,551	108,118	118,366	122,509	128,342	94,971
ED KOCH QUEENSBORO BRIDGE (3)	221,920	215,734	207,920	211,164	211,117	206,019	204,401	176,123	196,768	153,659
SECTOR TOTAL	347,049	347,124	335,056	333,480	338,668	314,137	322,767	298,632	325,110	248,630
NEW JERSEY SECTOR										
HOLLAND TUNNEL	105,854	110,387	105,697	102,579	106,165	104,959	102,949	105,863	108,097	86,972
LINCOLN TUNNEL	124,271	139,893	133,508	132,058	142,484	134,184	136,876	129,952	126,643	110,975
SECTOR TOTAL	230,125	250,280	239,205	234,637	248,649	239,143	239,825	235,815	234,740	197,947
TOTAL, ALL FACILITIES	1,942,731	1,947,936	1,914,467	1,873,405	1,879,231	1,820,293	1,824,951	1,799,416	1,856,236	1,499,862

Notes: - See note 1 on page I-0

(1) - Central Park South and 7th Avenue, open only to authorized vehicles and not general traffic.

(2) - Beginning in 2007, this report classifies Central Park West with the group "West of Central Park". It has previously been included under Central Park Drives.

(3) - In 2018, the Ed Koch Queensboro Bridge volume is noticeably lower than recent years. Please account for this discrepancy for any analysis/reporting in which it is used.

TABLE 11
MOTOR VEHICLES (AUTOS, TAXIS, VANS, & TRUCKS)
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY (2011-2020)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
EAST OF CENTRAL PARK										
FDR DRIVE	145,149	151,111	150,087	146,976	143,495	147,824	147,470	155,529	138,475	148,510
YORK AVENUE	35,656	35,819	34,276	32,708	32,940	24,429	23,390	26,272	25,891	16,766
SECOND AND FIRST AVENUES	83,584	72,127	76,723	79,161	74,267	66,341	74,201	68,167	64,149	53,514
ED KOCH QUEENSBORO BRIDGE RAMP	37,528	35,409	33,357	32,367	33,149	35,408	33,049	34,248	34,588	26,034
LEXINGTON AND THIRD AVENUES	56,719	56,261	51,562	50,375	47,037	47,866	46,379	46,365	42,675	32,039
PARK AVENUE	43,697	40,721	40,735	39,370	36,517	34,334	33,927	35,942	36,052	24,773
FIFTH AND MADISON AVENUES	51,638	52,204	47,542	45,444	45,569	46,251	37,677	36,342	35,592	28,826
SUBTOTAL	453,971	443,652	434,282	426,401	412,974	402,453	396,093	402,865	377,422	330,462
CENTRAL PARK DRIVES	7,248	6,946	6,376	5,750	6,399	4,452	4,244	-1	(1)	
WEST OF CENTRAL PARK (2)										
CENTRAL PARK WEST	15,660	14,517	14,608	13,915	13,839	12,926	13,096	12,625	11,752	7,924
BROADWAY	32,706	31,885	30,847	29,600	28,927	26,550	28,731	24,626	25,066	15,612
COLUMBUS AND AMSTERDAM AVES.	53,847	47,261	47,098	39,700	42,229	39,487	40,430	44,205	39,190	29,326
WEST END AVENUE	25,203	25,009	24,056	22,980	22,611	20,725	21,182	22,888	21,338	14,452
WEST SIDE HIGHWAY	111,227	110,341	111,560	114,186	113,753	116,126	113,626	112,080	120,901	96,943
SUBTOTAL	238,643	229,013	228,169	220,381	221,359	215,814	217,065	216,424	218,247	164,257
SECTOR TOTAL	699,862	679,611	668,827	652,532	640,732	622,719	617,402	619,288	595,669	494,719
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	103,590	112,696	115,618	111,575	105,154	105,590	105,352	104,722	128,214	85,357
MANHATTAN BRIDGE	85,392	89,087	87,375	84,048	87,046	85,084	80,273	75,862	69,245	69,505
BROOKLYN BRIDGE	105,820	100,288	102,542	99,986	102,219	105,679	115,981	119,735	158,132	114,184
HUGH L. CAREY TUNNEL	49,967	53,067	53,389	53,532	55,734	56,545	55,039	59,201	57,599	54,978
SECTOR TOTAL	344,769	355,138	358,924	349,141	350,153	352,898	356,645	359,520	413,190	324,024
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	86,730	90,992	87,985	84,628	88,573	74,883	82,392	85,330	89,352	66,296
ED KOCH QUEENSBORO BRIDGE (3)	182,611	177,455	170,807	173,508	173,776	169,586	168,029	144,782	161,881	126,631
SECTOR TOTAL	269,341	268,447	258,792	258,136	262,349	244,469	250,421	230,112	251,233	192,927
NEW JERSEY SECTOR										
HOLLAND TUNNEL	88,186	91,957	88,015	85,467	88,457	87,481	85,804	86,141	87,985	70,886
LINCOLN TUNNEL	90,020	101,235	96,595	95,662	103,110	97,020	99,005	98,187	95,582	84,137
SECTOR TOTAL	178,206	193,192	184,610	181,129	191,567	184,501	184,809	184,328	183,567	155,023
TOTAL, ALL FACILITIES	1,492,178	1,496,388	1,471,153	1,440,938	1,444,801	1,404,587	1,409,277	1,393,248	1,443,659	1,166,693

Notes: - See note 1 on page I-0

(1) - Central Park South and 7th Avenue, open only to authorized vehicles and not general traffic.

(2) - Beginning in 2007, this report classifies Central Park West with the group "West of Central Park". It has previously been included under Central Park Drives.

(3) - In 2018, the Ed Koch Queensboro Bridge volume is noticeably lower than recent years. Please account for this discrepancy for any analysis/reporting in which it is used.

TABLE 12
REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)
ON A FALL BUSINESS DAY (2013-2020), BY MODE AND BY SECTOR

YEAR / SECTOR / MODE	2013	2014	2015	2016	2017	2018	2019	2020
SECTOR								
60TH STREET	218,353	211,423	209,223	203,088	207,161	203,943	212,589	113,588
BROOKLYN	103,442	107,214	111,246	109,910	109,364	109,886	101,066	63,093
QUEENS	70,074	68,897	68,449	66,830	64,037	62,192	60,853	31,038
NEW JERSEY	63,346	61,999	73,836	68,908	68,479	67,894	65,551	26,211
STATEN ISLAND	1,900	1,934	2,157	2,430	2,377	2,391	2,431	1,150
ROOSEVELT ISLAND	229	154	205	256	200	266	259	151
TOTAL, ALL SECTORS	457,344	451,621	465,116	451,422	451,618	446,572	442,749	235,231
MODE								
AUTOS, TAXIS, VANS AND TRUCKS	130,362	124,490	122,351	117,077	117,441	119,827	114,474	107,893
BUS	31,996	32,317	41,029	36,633	35,812	35,624	32,974	11,776
SUBWAY	271,455	272,112	277,764	273,265	273,944	266,087	269,136	103,862
SUBURBAN AND INTERCITY RAIL	17,396	17,011	17,803	17,418	17,250	17,382	19,049	6,100
FERRY	3,119	2,943	3,281	3,690	3,764	3,817	3,890	1,953
TRAMWAY	229	154	205	256	200	266	259	151
BICYCLE	2,787	2,594	2,683	3,083	3,207	3,569	2,967	3,496
TOTAL, ALL MODES	457,344	451,621	465,116	451,422	451,618	446,572	442,749	235,231

Notes: - See note 1 on page I-0

- Persons leaving the Hub during 7am - 10am peak period and traveling contrary to the predominant direction of travel.

- Reverse travelers may not necessarily have originated from the CBD. It includes through trips as well.

TABLE 13A
TRI-STATE REGION - POPULATION

	POPULATION (in thousands)				PERCENT CHANGE		
	2017	2018	2019	2020	2018/ 2017	2019/ 2018	2020/ 2019
CONNECTICUT REGION							
3 COUNTIES	1,982	1,982	1,978	2,007	-0.0%	-0.2%	1.5%
NEW JERSEY							
9 COUNTIES	5,735	5,733	5,726	6,005	-0.0%	-0.1%	4.9%
NEW YORK STATE							
MANHATTAN HUB (1)	643	636	645	678	-1.1%	1.4%	5.1%
NYC REMAINDER	7,794	7,754	7,692	8,126	-0.5%	-0.8%	5.6%
7 SUBURBAN COUNTIES	4,907	4,907	4,904	5,059	-0.0%	-0.1%	3.2%
TOTAL	13,344	13,297	13,241	13,863	-0.4%	-0.4%	4.7%
TOTAL REGION	21,061	21,012	20,946	21,876	-0.2%	-0.3%	4.4%

Notes:

- See note 1 on page I-0
- Connecticut Region (after 1999) includes New Haven, Fairfield, and Litchfield counties.
- The 9 counties of New Jersey are: Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset and Union.
- The 7 suburban counties of New York are: Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk and Westchester.
- Population data – county level is based on American Community Survey (ACS) Census data for the years: 2010-2020.
- 2017-2020 Manhattan HUB population data is calculated based on the Census tract data.

(1) - NYMTC Estimate

TABLE 13B
TRI-STATE REGION - EMPLOYMENT
(NON-AGRICULTURAL WAGE AND SALARY)

	EMPLOYMENT (in thousands)				PERCENT CHANGE		
	2017	2018	2019	2020	2018/ 2017	2019/ 2018	2020/ 2019
CONNECTICUT REGION							
3 COUNTIES	1,015	1,010	1,005	1,001	-0.5%	-0.5%	-0.5%
NEW JERSEY							
9 COUNTIES	2,929	2,922	2,915	2,907	-0.2%	-0.2%	-0.2%
NEW YORK STATE							
MANHATTAN HUB (1)	2,162	2,170	2,177	2,185	0.4%	0.4%	0.4%
NYC REMAINDER	2,953	2,955	2,957	2,960	0.1%	0.1%	0.1%
7 SUBURBAN COUNTIES	2,255	2,247	2,239	2,231	-0.4%	-0.4%	-0.4%
TOTAL	7,370	7,372	7,374	7,376	0.0%	0.0%	0.0%
REGION TOTAL	11,313	11,303	11,294	11,284	-0.1%	-0.1%	-0.1%

Notes:

- See note 1 on page I-0
- Connecticut Region (after 1999) includes New Haven, Fairfield, and Litchfield counties.
- The 9 counties of New Jersey are: Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset and Union.
- The 7 suburban counties of New York are: Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk and Westchester.
- Employment (i.e., number of jobs at the place of work) was collected for 2017 base year and forecasted in NYMTC SED 2055 Forecast Update adopted on October 22, 2020.

(1) - NYMTC Estimate

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Appendix II

Summary Tables - 2020

- Note 1:** As of 2020 Hub Bound survey data, the Covid-19 pandemic triggered sudden massive change to travel behaviors of people all around the region, most notably an increase in telecommuting, which impacted commuting to and from Manhattan CBD. This can be seen in the big changes in the 2020 data compared to the Hub Bound reports from previous years.
- Note 2:** Some data for 1999 were lost on 9/11/01

TABLE 14 A
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2020
MORNING PEAK HOUR (8-9 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	6,330	-	-	-	-	-
York Avenue	395	-	-	-	22	-
First Avenue	-	-	-	-	-	-
Second Avenue	2,054	-	1,821	243	81	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	1,006	5,536	3,856	50	280	-
Park Ave	1,375	-	-	-	-	3,779
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	1,538	-	-	292	225	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	916	4,634	2,474	18	103	-
Eighth Avenue	-	6,291	1,245	-	-	-
Columbus Avenue	1,207	-	-	-	46	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	671	-	-	-	39	-
West Side Highway	4,746	-	-	-	-	43
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	20,238	16,461	9,396	603	796	3,822
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	5,699	-	-	-
Williamsburg Bridge-BMT	2,508	-	3,849	-	1	-
Rutgers Tunnel-IND	-	-	2,193	-	-	-
Manhattan Bridge-BMT	3,427	4,977	5,308	-	-	-
Brooklyn Bridge	4,075	-	-	-	-	-
Cranberry Tunnel-IND	-	-	4,684	-	-	-
Clark Tunnel-IRT	-	-	2,815	-	-	-
Montague Tunnel-BMT	-	-	647	-	-	-
Joralemon Tunnel-IRT	-	-	3,597	-	-	-
Hugh L. Carey Tunnel	3,177	-	-	1,338	-	-
SECTOR TOTAL	13,187	4,977	28,792	1,338	1	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	2,898	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	6,979	-	-	-
Ed Koch Queensboro Bridge-Tramway	5,057	-	-	-	131	-
Fifty-third St. Tunnel-IND	-	-	7,023	-	-	-
Steinway Tunnel-IRT	-	-	5,720	-	-	-
Queens Midtown Tunnel-IRT	4,517	-	-	770	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	5,843
SECTOR TOTAL	9,574	-	22,620	770	131	5,843
NEW JERSEY SECTOR						
Lincoln Tunnel	4,411	-	-	5,758	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	3,189
Uptown PATH Tunnel	-	-	2,527	-	-	-
Holland Tunnel	3,588	-	-	204	-	-
Downtown PATH Tunnel	-	-	2,425	-	-	-
SECTOR TOTAL	7,999	-	4,952	5,962	-	3,189
TOTAL, ALL SECTORS	50,998	21,438	65,760	8,673	928	12,854

Notes:

- See note 1 on page II-0

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 14 A (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2020
MORNING PEAK HOUR (8-9 AM)

LOCATION / TRAVEL MODE	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS PUBLIC TRANSPORTATION & BICYCLE	TOTAL PERSONS ALL MODES
	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM
60TH STREET SECTOR					
Franklin D. Roosevelt Drive	-	-	-	-	6,330
York Avenue	-	-	-	22	417
First Avenue	-	-	1	1	1
Second Avenue	-	-	401	2,546	4,600
Third Avenue	-	-	5	5	5
Lexington Avenue- IRT	-	-	51	9,773	10,779
Park Ave	-	-	52	3,831	5,206
Madison Avenue	-	-	2	2	2
Fifth Avenue	-	-	121	638	2,176
Sixth Avenue	-	-	5	5	5
Seventh Avenue	-	-	119	119	119
Broadway	-	-	151	7,380	8,296
Eighth Avenue	-	-	8	7,544	7,544
Columbus Avenue	-	-	112	158	1,365
Amsterdam Avenue	-	-	4	4	4
West End Avenue	-	-	52	91	762
West Side Highway	-	-	2	45	4,791
Hudson River Greenway	-	-	426	426	426
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
-	-	-	-	-	-
SECTOR TOTAL	-	-	1,512	32,590	52,828
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	5,699	5,699
Williamsburg Bridge-BMT	-	-	490	4,340	6,848
Rutgers Tunnel-IND	-	-	-	2,193	2,193
Manhattan Bridge-BMT	-	-	418	10,703	14,130
Brooklyn Bridge	-	-	164	164	4,239
Cranberry Tunnel-IND	-	-	-	4,684	4,684
Clark Tunnel-IRT	-	-	-	2,815	2,815
Montague Tunnel-BMT	-	-	-	647	647
Joralemon Tunnel-IRT	-	-	-	3,597	3,597
Hugh L. Carey Tunnel	-	-	-	1,338	4,515
All Ferry Points	144	-	-	144	144
SECTOR TOTAL	144	-	1,072	36,324	49,511
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	2,898	2,898
Sixtieth St. Tunnel-BMT/IND	-	-	-	6,979	6,979
Ed Koch Queensboro Bridge-Tramway	-	157	499	787	5,844
Fifty-third St. Tunnel-IND	-	-	-	7,023	7,023
Steinway Tunnel-IRT	-	-	-	5,720	5,720
Queens Midtown Tunnel-IRT	-	-	-	770	5,287
Amtrak/LIRR Tunnels	-	-	-	5,843	5,843
All Ferry Points	454	-	-	454	454
SECTOR TOTAL	454	157	499	30,474	40,048
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	5,758	10,169
Amtrak/N.J. Transit Tunnels	-	-	-	3,189	3,189
Uptown PATH Tunnel	-	-	-	2,527	2,527
Holland Tunnel	-	-	-	204	3,792
Downtown PATH Tunnel	-	-	-	2,425	2,425
All Ferry Points	678	-	-	678	678
SECTOR TOTAL	678	-	-	14,781	22,780
STATEN ISLAND FERRY, BICYCLE	1,199	-	29	1,228	1,228
TOTAL, ALL SECTORS	2,475	157	3,112	115,397	166,395

TABLE 14 B
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2020
MORNING PEAK PERIOD (7-10 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS,	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	VANS & TRUCKS	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	17,827	-	-	-	-	-
York Avenue	1,158	-	-	-	98	-
First Avenue	-	-	-	-	-	-
Second Avenue	5,858	-	4,407	763	186	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	2,842	14,866	9,804	154	748	-
Park Ave	3,578	-	-	-	-	9,120
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	4,198	-	-	989	472	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	2,349	12,119	6,951	48	293	-
Eighth Avenue	-	16,584	2,997	-	-	-
Columbus Avenue	3,245	-	-	-	129	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	1,945	-	-	-	89	-
West Side Highway	13,543	-	-	-	-	87
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	56,543	43,569	24,159	1,954	2,015	9,207
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	14,644	-	-	-
Williamsburg Bridge-BMT	7,778	-	8,967	-	11	-
Rutgers Tunnel-IND	-	-	5,545	-	-	-
Manhattan Bridge-BMT	10,061	13,973	13,633	-	-	-
Brooklyn Bridge	12,193	-	-	-	-	-
Cranberry Tunnel-IND	-	-	12,551	-	-	-
Clark Tunnel-IRT	-	-	7,089	-	-	-
Montague Tunnel-BMT	-	-	1,593	-	-	-
Joralemon Tunnel-IRT	-	-	9,534	-	-	-
Hugh L. Carey Tunnel	8,975	-	-	3,555	-	-
SECTOR TOTAL	39,007	13,973	73,556	3,555	11	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	7,514	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	16,654	-	-	-
Ed Koch Queensboro Bridge-Tramway	13,965	-	-	-	389	-
Fifty-third St. Tunnel-IND	-	-	19,232	-	-	-
Steinway Tunnel-IRT	-	-	15,417	-	-	-
Queens Midtown Tunnel-IRT	12,783	-	-	1,925	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	14,459
SECTOR TOTAL	26,748	-	58,817	1,925	389	14,459
NEW JERSEY SECTOR						
Lincoln Tunnel	12,230	-	-	-	-	7,759
Amtrak/N.J. Transit Tunnels	-	-	6,201	-	-	-
Uptown PATH Tunnel	-	-	-	456	-	-
Holland Tunnel	10,086	-	6,323	-	-	-
Downtown PATH Tunnel	-	-	-	17,095	-	-
SECTOR TOTAL	22,316	-	12,524	17,551	-	7,759
TOTAL, ALL SECTORS	144,614	57,542	169,056	24,985	2,415	31,425

Notes:

- See note 1 on page II-0

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 14 B (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2020
MORNING PEAK PERIOD (7-10 AM)

LOCATION / TRAVEL MODE	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS PUBLIC TRANSPORTATION & BICYCLE	TOTAL PERSONS (ALL MODES)
	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM
60TH STREET SECTOR					
Franklin D. Roosevelt Drive	-	-	-	-	17,827
York Avenue	-	-	-	98	1,256
First Avenue	-	-	9	9	9
Second Avenue	-	-	1,104	6,460	12,318
Third Avenue	-	-	12	12	12
Lexington Avenue- IRT	-	-	143	25,715	28,557
Park Ave	-	-	105	9,225	12,803
Madison Avenue	-	-	5	5	5
Fifth Avenue	-	-	336	1,797	5,995
Sixth Avenue	-	-	13	13	13
Seventh Avenue	-	-	308	308	308
Broadway	-	-	368	19,779	22,128
Eighth Avenue	-	-	22	19,603	19,603
Columbus Avenue	-	-	301	430	3,675
Amsterdam Avenue	-	-	16	16	16
West End Avenue	-	-	120	209	2,154
West Side Highway	-	-	5	92	13,635
Hudson River Greenway	-	-	977	977	977
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
All Ferry Points	-	-	-	-	-
SECTOR TOTAL	-	-	3,844	84,748	141,291
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	14,644	14,644
Williamsburg Bridge-BMT	-	-	1,273	10,251	18,029
Rutgers Tunnel-IND	-	-	-	5,545	5,545
Manhattan Bridge-BMT	-	-	1,144	28,750	38,811
Brooklyn Bridge	-	-	398	398	12,591
Cranberry Tunnel-IND	-	-	-	12,551	12,551
Clark Tunnel-IRT	-	-	-	7,089	7,089
Montague Tunnel-BMT	-	-	-	1,593	1,593
Joralemon Tunnel-IRT	-	-	-	9,534	9,534
Hugh L. Carey Tunnel	-	-	-	3,555	12,530
All Ferry Points	410	-	-	410	410
SECTOR TOTAL	410	-	2,815	94,320	133,327
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	7,514	7,514
Sixtieth St. Tunnel-BMT/IND	-	-	-	16,654	16,654
Ed Koch Queensboro Bridge-Tramway	-	393	1,225	2,007	15,972
Fifty-third St. Tunnel-IND	-	-	-	19,232	19,232
Steinway Tunnel-IRT	-	-	-	15,417	15,417
Queens Midtown Tunnel-IRT	-	-	-	1,925	14,708
Amtrak/LIRR Tunnels	-	-	-	14,459	14,459
All Ferry Points	1,106	-	-	1,106	1,106
SECTOR TOTAL	1,106	393	1,225	78,314	105,062
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	7,759	19,989
Amtrak/N.J. Transit Tunnels	-	-	-	6,201	6,201
Uptown PATH Tunnel	-	-	-	456	456
Holland Tunnel	-	-	-	6,323	16,409
Downtown PATH Tunnel	1,555	-	-	1,555	1,555
All Ferry Points	-	-	-	17,095	17,095
SECTOR TOTAL	1,555	-	-	39,389	61,705
STATEN ISLAND FERRY, BICYCLE	3,391	-	95	3,486	3,486
TOTAL, ALL SECTORS	6,462	393	7,979	300,257	444,871

TABLE 14 C
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2020
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	24 HOUR	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	100,501	-	-	-	-	-
York Avenue	9,120	-	-	-	657	-
First Avenue	-	-	-	-	-	-
Second Avenue	44,823	-	24,594	3,334	1,368	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	17,182	59,785	43,902	344	3,422	-
Park Ave	18,394	-	-	-	-	17,607
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	21,904	-	-	2,632	2,214	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	12,152	47,765	33,000	136	1,508	-
Eighth Avenue	-	53,702	16,903	-	-	-
Columbus Avenue	19,298	-	-	-	626	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	10,704	-	-	-	539	-
West Side Highway	59,766	-	-	-	-	571
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	313,844	161,252	118,399	6,446	10,334	18,178
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	46,752	-	-	-
Williamsburg Bridge-BMT	49,821	-	27,051	-	156	-
Rutgers Tunnel-IND	-	-	18,945	-	-	-
Manhattan Bridge-BMT	46,763	32,933	40,822	157	216	-
Brooklyn Bridge	67,033	-	-	-	-	-
Cranberry Tunnel-IND	-	-	39,018	-	-	-
Clark Tunnel-IRT	-	-	21,199	-	-	-
Montague Tunnel-BMT	-	-	5,314	-	-	-
Joralemon Tunnel-IRT	-	-	32,082	-	-	-
Hugh L. Carey Tunnel	33,610	-	-	7,496	-	-
SECTOR TOTAL	197,227	32,933	231,183	7,653	372	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	25,394	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	46,640	-	-	-
Ed Koch Queensboro Bridge-Tramway	73,659	-	-	-	1,560	-
Fifty-third St. Tunnel-IND	-	-	50,290	-	-	-
Steinway Tunnel-IRT	-	-	41,315	-	-	-
Queens Midtown Tunnel-IRT	49,803	-	-	2,798	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	36,772
SECTOR TOTAL	123,462	-	163,639	2,798	1,560	36,772
NEW JERSEY SECTOR						
Lincoln Tunnel	50,932	-	-	55,670	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	19,808
Uptown PATH Tunnel	-	-	15,371	-	-	-
Holland Tunnel	41,171	-	-	1,873	-	-
Downtown PATH Tunnel	-	-	15,568	-	-	-
SECTOR TOTAL	92,103	-	30,939	57,543	-	19,808
TOTAL, ALL SECTORS	726,636	194,185	544,160	74,440	12,266	74,758

Notes:

- See note 1 on page II-0
- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 14 C (Continued)

WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2020
24 HOUR

LOCATION / TRAVEL MODE	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS PUBLIC TRANSPORTATION & BICYCLE	TOTAL PERSONS (ALL MODES)
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR					
Franklin D. Roosevelt Drive	-	-	-	-	100,501
York Avenue	-	-	-	657	9,777
First Avenue	-	-	93	93	93
Second Avenue	-	-	6,213	35,509	80,332
Third Avenue	-	-	129	129	129
Lexington Avenue- IRT	-	-	1,670	109,123	126,305
Park Ave	-	-	777	18,384	36,778
Madison Avenue	-	-	41	41	41
Fifth Avenue	-	-	2,388	7,234	29,138
Sixth Avenue	-	-	134	134	134
Seventh Avenue	-	-	1,891	1,891	1,891
Broadway	-	-	2,362	84,771	96,923
Eighth Avenue	-	-	280	70,885	70,885
Columbus Avenue	-	-	3,543	4,169	23,467
Amsterdam Avenue	-	-	299	299	299
West End Avenue	-	-	1,111	1,650	12,354
West Side Highway	-	-	28	599	60,365
Hudson River Greenway	-	-	4,497	4,497	4,497
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
All Ferry Points	-	-	-	-	-
SECTOR TOTAL	-	-	25,456	340,065	653,909
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	46,752	46,752
Williamsburg Bridge-BMT	-	-	5,208	32,415	82,236
Rutgers Tunnel-IND	-	-	-	18,945	18,945
Manhattan Bridge-BMT	-	-	4,045	78,173	124,936
Brooklyn Bridge	-	-	1,267	1,267	68,300
Cranberry Tunnel-IND	-	-	-	39,018	39,018
Clark Tunnel-IRT	-	-	-	21,199	21,199
Montague Tunnel-BMT	-	-	-	5,314	5,314
Joralemon Tunnel-IRT	-	-	-	32,082	32,082
Hugh L. Carey Tunnel	-	-	-	7,496	41,106
All Ferry Points	1,024	-	-	1,024	1,024
SECTOR TOTAL	1,024	-	10,520	283,685	480,912
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	25,394	25,394
Sixtieth St. Tunnel-BMT/IND	-	-	-	46,640	46,640
Ed Koch Queensboro Bridge-Tramway	-	1,252	4,164	6,976	80,635
Fifty-third St. Tunnel-IND	-	-	-	50,290	50,290
Steinway Tunnel-IRT	-	-	-	41,315	41,315
Queens Midtown Tunnel-IRT	-	-	-	2,798	52,601
Amtrak/LIRR Tunnels	-	-	-	36,772	36,772
All Ferry Points	2,607	-	-	2,607	2,607
SECTOR TOTAL	2,607	1,252	4,164	212,792	336,254
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	55,670	106,602
Amtrak/N.J. Transit Tunnels	-	-	-	19,808	19,808
Uptown PATH Tunnel	-	-	-	15,371	15,371
Holland Tunnel	-	-	-	1,873	43,044
Downtown PATH Tunnel	-	-	-	15,568	15,568
All Ferry Points	3,362	-	-	3,362	3,362
SECTOR TOTAL	3,362	-	-	111,652	203,755
STATEN ISLAND FERRY, BICYCLE	13,155	-	319	13,474	13,474
TOTAL, ALL SECTORS	20,148	1,252	40,459	961,668	1,688,304

TABLE 15 A

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2020
EVENING PEAK HOUR (5-6 PM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
		EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	5,200	-	-	-	-	-
York Avenue	852	-	-	-	33	-
First Avenue	1,647	-	-	335	67	-
Second Avenue	-	-	1,419	-	-	-
Third Avenue	1,505	-	-	21	165	-
Lexington Avenue- IRT	-	8,006	3,544	-	-	-
Park Ave	1,557	-	-	-	-	3,641
Madison Avenue	1,491	-	-	351	191	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	667	4,961	2,453	7	153	-
Eighth Avenue	1,068	5,534	1,395	-	34	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	1,435	-	-	-	74	-
West End Avenue	978	-	-	-	44	-
West Side Highway	3,067	-	-	-	-	55
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	1,572	-	-	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	21,039	18,501	8,811	714	761	3,696
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	5,696	-	-	-
Williamsburg Bridge-BMT	3,796	-	3,063	-	3	-
Rutgers Tunnel-IND	-	-	1,916	-	-	-
Manhattan Bridge-BMT	3,549	6,457	5,698	-	-	-
Brooklyn Bridge	4,129	-	-	-	-	-
Cranberry Tunnel-IND	-	-	4,826	-	-	-
Clark Tunnel-IRT	-	-	2,588	-	-	-
Montague Tunnel-BMT	-	-	622	-	-	-
Joralemon Tunnel-IRT	-	-	1,863	-	-	-
Hugh L. Carey Tunnel	3,499	-	-	1,524	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	14,973	6,457	26,272	1,524	3	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	2,040	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	4,898	-	-	-
Ed Koch Queensboro Bridge-Tramway	6,011	-	-	606	215	-
Fifty-third St. Tunnel-IND	-	-	7,491	-	-	-
Steinway Tunnel-IRT	-	-	7,514	-	-	-
Queens Midtown Tunnel-BMT	3,916	-	-	105	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	5,506
-	-	-	-	-	-	-
SECTOR TOTAL	9,927	-	21,943	711	215	5,506
NEW JERSEY SECTOR						
Lincoln Tunnel	5,597	-	-	7,271	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	3,572
Uptown PATH Tunnel	-	-	2,445	-	-	-
Holland Tunnel	2,906	-	-	92	-	-
Downtown PATH Tunnel	-	-	2,525	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	8,503	-	4,970	7,363	-	3,572
TOTAL, ALL SECTORS	54,442	24,958	61,996	10,312	979	12,774

Notes:

- See note 1 on page II-0

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 15 A (Continued)
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2020
EVENING PEAK HOUR (5-6 PM)

LOCATION / TRAVEL MODE	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS PUBLIC TRANSPORTATION & BICYCLE	TOTAL PERSONS (ALL MODES)
	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM
60TH STREET SECTOR					
Franklin D. Roosevelt Drive	-	-	-	-	5,200
York Avenue	-	-	-	33	885
First Avenue	-	-	587	989	2,636
Second Avenue	-	-	25	1,444	1,444
Third Avenue	-	-	108	294	1,799
Lexington Avenue- IRT	-	-	8	11,558	11,558
Park Ave	-	-	58	3,699	5,256
Madison Avenue	-	-	128	670	2,161
Fifth Avenue	-	-	3	3	3
Sixth Avenue	-	-	354	354	354
Seventh Avenue	-	-	11	11	11
Broadway	-	-	27	7,601	8,268
Eighth Avenue	-	-	412	7,375	8,443
Columbus Avenue	-	-	25	25	25
Amsterdam Avenue	-	-	183	257	1,692
West End Avenue	-	-	16	60	1,038
West Side Highway	-	-	23	78	3,145
Hudson River Greenway	-	-	556	556	556
Ed Koch Queensboro Bridge Ramp	-	-	-	-	1,572
All Ferry Points	-	-	-	-	-
SECTOR TOTAL	-	-	2,524	35,007	56,046
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	5,696	5,696
Williamsburg Bridge-BMT	-	-	569	3,635	7,431
Rutgers Tunnel-IND	-	-	-	1,916	1,916
Manhattan Bridge-BMT	-	-	536	12,691	16,240
Brooklyn Bridge	-	-	198	198	4,327
Cranberry Tunnel-IND	-	-	-	4,826	4,826
Clark Tunnel-IRT	-	-	-	2,588	2,588
Montague Tunnel-BMT	-	-	-	622	622
Joralemon Tunnel-IRT	-	-	-	1,863	1,863
Hugh L. Carey Tunnel	-	-	-	1,524	5,023
All Ferry Points	187	-	-	187	187
SECTOR TOTAL	187	-	1,303	35,746	50,719
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	2,040	2,040
Sixtieth St. Tunnel-BMT/IND	-	-	-	4,898	4,898
Ed Koch Queensboro Bridge-Tramway	-	162	526	1,509	7,520
Fifty-third St. Tunnel-IND	-	-	-	7,491	7,491
Steinway Tunnel-IRT	-	-	-	7,514	7,514
Queens Midtown Tunnel-IRT	-	-	-	105	4,021
Amtrak/LIRR Tunnels	-	-	-	5,506	5,506
All Ferry Points	461	-	-	461	461
SECTOR TOTAL	461	162	526	29,524	39,451
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	7,271	12,868
Amtrak/N.J. Transit Tunnels	-	-	-	3,572	3,572
Uptown PATH Tunnel	-	-	-	2,445	2,445
Holland Tunnel	-	-	-	92	2,998
Downtown PATH Tunnel	-	-	-	2,525	2,525
All Ferry Points	692	-	-	692	692
SECTOR TOTAL	692	-	-	16,597	25,100
STATEN ISLAND FERRY, BICYCLE	1,816	-	46	1,862	1,862
TOTAL, ALL SECTORS	3,156	162	4,399	118,736	173,178

TABLE 15 B

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2020
EVENING PEAK PERIOD (4-7 PM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL
	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM
	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	15,449	-	-	-	-	-
York Avenue	2,340	-	-	-	121	-
First Avenue	4,790	-	-	898	252	-
Second Avenue	-	-	4,346	-	-	-
Third Avenue	4,454	-	-	43	572	-
Lexington Avenue- IRT	-	20,526	8,801	-	-	-
Park Ave	4,160	-	-	-	-	8,879
Madison Avenue	4,520	-	-	889	560	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	1,833	13,115	6,785	32	378	-
Eighth Avenue	3,180	15,880	3,735	-	79	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	4,029	-	-	-	199	-
West End Avenue	2,751	-	-	-	116	-
West Side Highway	9,958	-	-	-	-	126
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	4,731	-	-	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	62,195	49,521	23,667	1,862	2,277	9,005
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	16,568	-	-	-
Williamsburg Bridge-BMT	11,146	-	8,195	-	17	-
Rutgers Tunnel-IND	-	-	5,510	-	-	-
Manhattan Bridge-BMT	11,223	15,695	15,072	-	-	-
Brooklyn Bridge	12,514	-	-	-	-	-
Cranberry Tunnel-IND	-	-	13,016	-	-	-
Clark Tunnel-IRT	-	-	6,325	-	-	-
Montague Tunnel-BMT	-	-	1,705	-	-	-
Joralemon Tunnel-IRT	-	-	7,467	-	-	-
Hugh L. Carey Tunnel	9,976	-	-	3,873	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	44,859	15,695	73,858	3,873	17	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	6,053	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	13,528	-	-	-
Ed Koch Queensboro Bridge-Tramway	17,272	-	-	1,465	552	-
Fifty-third St. Tunnel-IND	-	-	21,425	-	-	-
Steinway Tunnel-IRT	-	-	19,483	-	-	-
Queens Midtown Tunnel-IRT	11,610	-	-	229	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	13,603
-	-	-	-	-	-	-
SECTOR TOTAL	28,882	-	60,489	1,694	552	13,603
NEW JERSEY SECTOR						
Lincoln Tunnel	16,850	-	-	19,792	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	8,832
Uptown PATH Tunnel	-	-	6,173	-	-	-
Holland Tunnel	8,375	-	-	253	-	-
Downtown PATH Tunnel	-	-	6,584	-	-	-
All Ferry Points	-	-	-	-	-	-
SECTOR TOTAL	25,225	-	12,757	20,045	-	8,832
	-	-	-	-	-	-
TOTAL, ALL SECTORS	161,161	65,216	170,771	27,474	2,846	31,440

Notes:

- See note 1 on page II-0

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 15 B (Continued)
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2020
EVENING PEAK PERIOD (4-7 PM)

LOCATION / TRAVEL MODE	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS PUBLIC TRANSPORTATION & BICYCLE	TOTAL PERSONS (ALL MODES)
	4-7 PM	4-7 PM	4-7 PM	4-7 PM	4-7 PM
60TH STREET SECTOR					
Franklin D. Roosevelt Drive	-	-	-	-	15,449
York Avenue	-	-	-	121	2,461
First Avenue	-	-	1,585	2,735	7,525
Second Avenue	-	-	68	4,414	4,414
Third Avenue	-	-	353	968	5,422
Lexington Avenue- IRT	-	-	22	29,349	29,349
Park Ave	-	-	139	9,018	13,178
Madison Avenue	-	-	414	1,863	6,383
Fifth Avenue	-	-	16	16	16
Sixth Avenue	-	-	984	984	984
Seventh Avenue	-	-	26	26	26
Broadway	-	-	64	20,374	22,207
Eighth Avenue	-	-	1,097	20,791	23,971
Columbus Avenue	-	-	90	90	90
Amsterdam Avenue	-	-	482	681	4,710
West End Avenue	-	-	44	160	2,911
West Side Highway	-	-	50	176	10,134
Hudson River Greenway	-	-	1,581	1,581	1,581
Ed Koch Queensboro Bridge Ramp	-	-	-	-	4,731
All Ferry Points	-	-	-	-	-
SECTOR TOTAL	-	-	7,015	93,347	155,542
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	16,568	16,568
Williamsburg Bridge-BMT	-	-	1,702	9,914	21,060
Rutgers Tunnel-IND	-	-	-	5,510	5,510
Manhattan Bridge-BMT	-	-	1,551	32,318	43,541
Brooklyn Bridge	-	-	545	545	13,059
Cranberry Tunnel-IND	-	-	-	13,016	13,016
Clark Tunnel-IRT	-	-	-	6,325	6,325
Montague Tunnel-BMT	-	-	-	1,705	1,705
Joralemon Tunnel-IRT	-	-	-	7,467	7,467
Hugh L. Carey Tunnel	-	-	-	3,873	13,849
All Ferry Points	421	-	-	421	421
SECTOR TOTAL	421	-	3,798	97,662	142,521
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	6,053	6,053
Sixtieth St. Tunnel-BMT/IND	-	-	-	13,528	13,528
Ed Koch Queensboro Bridge-Tramway	-	438	1,379	3,834	21,106
Fifty-third St. Tunnel-IND	-	-	-	21,425	21,425
Steinway Tunnel-IRT	-	-	-	19,483	19,483
Queens Midtown Tunnel-IRT	-	-	-	229	11,839
Amtrak/LIRR Tunnels	-	-	-	13,603	13,603
All Ferry Points	1,127	-	-	1,127	1,127
SECTOR TOTAL	1,127	438	1,379	79,282	108,164
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	19,792	36,642
Amtrak/N.J. Transit Tunnels	-	-	-	8,832	8,832
Uptown PATH Tunnel	-	-	-	6,173	6,173
Holland Tunnel	-	-	-	253	8,628
Downtown PATH Tunnel	-	-	-	6,584	6,584
All Ferry Points	1,736	-	-	1,736	1,736
SECTOR TOTAL	1,736	-	-	43,370	68,595
STATEN ISLAND FERRY, BICYCLE	5,110	-	99	5,209	5,209
TOTAL, ALL SECTORS	8,394	438	12,291	318,870	480,031

TABLE 15 C
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2020
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	24 HOUR	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	91,823	-	-	-	-	-
York Avenue	12,630	-	-	-	545	-
First Avenue	26,313	-	-	3,618	1,389	-
Second Avenue	-	-	23,365	-	-	-
Third Avenue	25,721	-	-	93	2,367	-
Lexington Avenue- IRT	-	63,494	41,254	-	-	-
Park Ave	17,290	-	-	-	-	17,780
Madison Avenue	21,337	-	-	1,677	1,907	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	8,735	46,301	30,981	50	1,257	-
Eighth Avenue	14,049	51,082	15,741	-	224	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	19,417	-	-	-	818	-
West End Avenue	10,059	-	-	-	454	-
West Side Highway	51,191	-	-	-	-	577
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	31,362	-	-	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	329,927	160,877	111,341	5,438	8,961	18,357
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	46,423	-	-	-
Williamsburg Bridge-BMT	58,528	-	22,915	-	118	-
Rutgers Tunnel-IND	-	-	17,988	-	-	-
Manhattan Bridge-BMT	47,148	38,812	39,546	79	125	-
Brooklyn Bridge	77,117	-	-	-	-	-
Cranberry Tunnel-IND	-	-	36,428	-	-	-
Clark Tunnel-IRT	-	-	18,129	-	-	-
Montague Tunnel-BMT	-	-	5,793	-	-	-
Joralemon Tunnel-IRT	-	-	25,282	-	-	-
Hugh L. Carey Tunnel	29,494	-	-	7,207	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	212,287	38,812	212,504	7,286	243	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	20,624	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	37,046	-	-	-
Ed Koch Queensboro Bridge-Tramway	80,000	-	-	1,976	1,849	-
Fifty-third St. Tunnel-IND	-	-	51,055	-	-	-
Steinway Tunnel-IRT	-	-	50,392	-	-	-
Queens Midtown Tunnel-IRT	45,168	-	-	314	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	34,217
-	-	-	-	-	-	-
SECTOR TOTAL	125,168	-	159,117	2,290	1,849	34,217
NEW JERSEY SECTOR						
Lincoln Tunnel	60,043	-	-	52,640	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	20,350
Uptown PATH Tunnel	-	-	14,607	-	-	-
Holland Tunnel	45,801	-	-	1,153	-	-
Downtown PATH Tunnel	-	-	15,092	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	105,844	-	29,699	53,793	-	20,350
-	-	-	-	-	-	-
TOTAL, ALL SECTORS	773,226	199,689	512,661	68,807	11,053	72,924

Notes:

- See note 1 on page II-0

- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.

TABLE 15 C (Continued)
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2020
24 HOUR

LOCATION / TRAVEL MODE	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS PUBLIC TRANSPORTATION & BICYCLE	TOTAL PERSONS (ALL MODES)
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR					
Franklin D. Roosevelt Drive	-	-	-	-	91,823
York Avenue	-	-	-	545	13,175
First Avenue	-	-	5,354	10,361	36,674
Second Avenue	-	-	265	23,630	23,630
Third Avenue	-	-	1,422	3,882	29,603
Lexington Avenue- IRT	-	-	121	104,869	104,869
Park Ave	-	-	581	18,361	35,651
Madison Avenue	-	-	1,465	5,049	26,386
Fifth Avenue	-	-	62	62	62
Sixth Avenue	-	-	3,383	3,383	3,383
Seventh Avenue	-	-	86	86	86
Broadway	-	-	248	78,837	87,572
Eighth Avenue	-	-	4,364	71,411	85,460
Columbus Avenue	-	-	370	370	370
Amsterdam Avenue	-	-	1,787	2,605	22,022
West End Avenue	-	-	153	607	10,666
West Side Highway	-	-	122	699	51,890
Hudson River Greenway	-	-	4,446	4,446	4,446
Ed Koch Queensboro Bridge Ramp	-	-	-	-	31,362
All Ferry Points	-	-	-	-	-
SECTOR TOTAL	-	-	24,229	329,203	659,130
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	46,423	46,423
Williamsburg Bridge-BMT	-	-	5,205	28,238	86,766
Rutgers Tunnel-IND	-	-	-	17,988	17,988
Manhattan Bridge-BMT	-	-	4,300	82,862	130,010
Brooklyn Bridge	-	-	1,420	1,420	78,537
Cranberry Tunnel-IND	-	-	-	36,428	36,428
Clark Tunnel-IRT	-	-	-	18,129	18,129
Montague Tunnel-BMT	-	-	-	5,793	5,793
Joralemon Tunnel-IRT	-	-	-	25,282	25,282
Hugh L. Carey Tunnel	-	-	-	7,207	36,701
All Ferry Points	969	-	-	969	969
SECTOR TOTAL	969	-	10,925	270,739	483,026
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	20,624	20,624
Sixtieth St. Tunnel-BMT/IND	-	-	-	37,046	37,046
Ed Koch Queensboro Bridge-Tramway	-	1,248	4,046	9,119	89,119
Fifty-third St. Tunnel-IND	-	-	-	51,055	51,055
Steinway Tunnel-IRT	-	-	-	50,392	50,392
Queens Midtown Tunnel-IRT	-	-	-	314	45,482
Amtrak/LIRR Tunnels	-	-	-	34,217	34,217
All Ferry Points	2,503	-	-	2,503	2,503
SECTOR TOTAL	2,503	1,248	4,046	205,270	330,438
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	52,640	112,683
Amtrak/N.J. Transit Tunnels	-	-	-	20,350	20,350
Uptown PATH Tunnel	-	-	-	14,607	14,607
Holland Tunnel	-	-	-	1,153	46,954
Downtown PATH Tunnel	-	-	-	15,092	15,092
All Ferry Points	3,297	-	-	3,297	3,297
SECTOR TOTAL	3,297	-	-	107,139	212,983
STATEN ISLAND FERRY, BICYCLE	13,852	-	321	14,173	14,173
TOTAL, ALL SECTORS	20,621	1,248	39,521	926,524	1,699,750

APPENDIX II- Summary Tables - 2020

TABLE 16
WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2020

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS			BUS			TOTAL MOTOR VEHICLES		
	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	4,557	12,904	73,813	-	-	-	4,557	12,904	73,813
YORK AVENUE	351	1,040	8,118	5	19	97	356	1,059	8,215
SECOND AVENUE	1,495	4,349	32,292	21	68	316	1,516	4,417	32,608
ED KOCH QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LEXINGTON AVENUE	790	2,273	14,564	23	70	378	813	2,343	14,942
PARK AVENUE	995	2,663	13,416	-	-	-	995	2,663	13,416
FIFTH AVENUE	888	2,503	14,146	70	191	747	958	2,694	14,893
CENTRAL PARK DRIVE AND 7TH AVENUE *	-	-	-	-	-	-	-	-	-
BROADWAY	658	1,703	8,978	27	77	429	685	1,780	9,407
COLUMBUS AVENUE	897	2,463	14,594	5	17	88	902	2,480	14,682
WEST END AVENUE	463	1,330	7,460	6	15	77	469	1,345	7,537
WEST SIDE HIGHWAY	4,374	12,490	53,024	-	-	-	4,374	12,490	53,024
SECTOR TOTAL	15,468	43,718	240,405	157	457	2,132	15,625	44,175	242,537
II - 13									
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,031	6,282	40,304	1	5	28	2,032	6,287	40,332
MANHATTAN BRIDGE	2,791	8,150	37,680	-	-	23	2,791	8,150	37,703
BROOKLYN BRIDGE	3,453	10,580	58,566	-	-	-	3,453	10,580	58,566
HUGH L. CAREY TUNNEL	2,891	8,131	29,699	148	364	678	3,039	8,495	30,377
SECTOR TOTAL	11,166	33,143	166,249	149	369	729	11,315	33,512	166,978
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,477	9,925	37,190	109	277	421	3,586	10,202	37,611
ED KOCH QUEENSBORO BRIDGE	4,356	12,021	61,940	17	50	249	4,373	12,071	62,189
SECTOR TOTAL	7,833	21,946	99,130	126	327	670	7,959	22,273	99,800
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,625	7,349	32,159	17	39	156	2,642	7,388	32,315
LINCOLN TUNNEL	3,592	10,041	41,617	530	1,371	4,574	4,122	11,412	46,191
SECTOR TOTAL	6,217	17,390	73,776	547	1,410	4,730	6,764	18,800	78,506
TOTAL, ALL SECTORS	40,684	116,197	579,560	979	2,563	8,261	41,663	118,760	587,821

Notes:

- See note 1 on page II-0
- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ Continuous Bus Survey.
- * Central Park South and 7th Avenue, open only to authorized vehicles and not general traffic.

TABLE 17
WHERE AND WHEN MOTOR VEHICLES LEFT THE HUB ON A FALL BUSINESS DAY IN 2020

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS			BUS			TOTAL MOTOR VEHICLES		
	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR	5-6 PM	4-7 PM	24 HOUR
60TH STREET SECTOR									
FDR DRIVE	3,997	12,095	74,697	-	-	-	3,997	12,095	74,697
YORK AVENUE	569	1,575	8,648	6	21	96	575	1,596	8,744
FIRST AVENUE	1,261	3,719	21,222	17	53	308	1,278	3,772	21,530
ED KOCH QUEENSBORO BRIDGE RAMP	1,271	3,739	26,034	-	-	-	1,271	3,739	26,034
THIRD AVENUE	907	2,760	17,475	22	70	361	929	2,830	17,836
PARK AVENUE	971	2,631	11,357	-	-	-	971	2,631	11,357
MADISON AVENUE	915	2,771	14,680	86	209	689	1,001	2,980	15,369
CENTRAL PARK DRIVE FROM 6TH AVENUE *	-	-	-	-	-	-	-	-	-
CENTRAL PARK WEST	580	1,699	7,924	11	27	113	591	1,726	8,037
BROADWAY	525	1,421	6,634	21	59	297	546	1,480	6,931
AMSTERDAM AVENUE	1,001	2,811	14,732	6	16	84	1,007	2,827	14,816
WEST END AVENUE	679	1,883	6,992	6	17	80	685	1,900	7,072
WEST SIDE HIGHWAY	2,595	8,437	43,919	-	-	-	2,595	8,437	43,919
SECTOR TOTAL	15,271	45,541	254,314	175	472	2,028	15,446	46,013	256,342
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,882	8,541	45,053	1	7	28	2,883	8,548	45,081
MANHATTAN BRIDGE	2,436	7,536	31,825	-	-	24	2,436	7,536	31,849
BROOKLYN BRIDGE	3,038	9,234	55,618	-	-	-	3,038	9,234	55,618
HUGH L. CAREY TUNNEL	2,973	8,555	25,279	148	362	661	3,121	8,917	25,940
SECTOR TOTAL	11,329	33,866	157,775	149	369	713	11,478	34,235	158,488
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,528	7,395	29,106	16	38	57	2,544	7,433	29,163
ED KOCH QUEENSBORO BRIDGE	5,001	14,516	64,691	97	243	572	5,098	14,759	65,263
SECTOR TOTAL	7,529	21,911	93,797	113	281	629	7,642	22,192	94,426
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,454	7,019	38,727	11	24	115	2,465	7,043	38,842
LINCOLN TUNNEL	4,149	12,379	42,520	447	1,199	4,518	4,596	13,578	47,038
SECTOR TOTAL	6,603	19,398	81,247	458	1,223	4,633	7,061	20,621	85,880
TOTAL, ALL SECTORS	40,732	120,716	587,133	895	2,345	8,003	41,627	123,061	595,136

Notes:

- See note 1 on page II-0
- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ Continuous Bus Survey.
- * Center Drive / East Drive, between the 6th Avenue entrance on Park South and East 72nd Street, open only to authorized vehicles and not general traffic.

TABLE 18
WHERE AND WHEN BUS PASSENGERS ENTERED THE HUB
ON A FALL BUSINESS DAY IN 2020

LOCATION / TRAVEL MODE	LOCAL BUS PASSENGERS			EXPRESS BUS PASSENGERS			TOTAL BUS PASSENGERS		
	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS	8-9 AM	7-10AM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	22	98	657	-	-	-	22	98	657
SECOND AVENUE	81	186	1,368	243	763	3,334	324	949	4,702
LEXINGTON AVENUE	280	748	3,422	50	154	344	330	902	3,766
FIFTH AVENUE	225	472	2,214	292	989	2,632	517	1,461	4,846
BROADWAY	103	293	1,508	18	48	136	121	341	1,644
COLUMBUS AVENUE	46	129	626	-	-	-	46	129	626
WEST END AVENUE	39	89	539	-	-	-	39	89	539
SECTOR TOTAL	796	2,015	10,334	603	1,954	6,446	1,399	3,969	16,780
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	1	11	156	-	-	-	1	11	156
MANHATTAN BRIDGE	-	-	216	-	-	157	-	-	373
HUGH L. CAREY TUNNEL	-	-	-	1,338	3,555	7,496	1,338	3,555	7,496
SECTOR TOTAL	1	11	372	1,338	3,555	7,653	1,339	3,566	8,025
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	770	1,925	2,798	770	1,925	2,798
ED KOCH QUEENSBORO BRIDGE	131	389	1,560	-	-	-	131	389	1,560
SECTOR TOTAL	131	389	1,560	770	1,925	2,798	901	2,314	4,358
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	204	456	1,873	204	456	1,873
LINCOLN TUNNEL	-	-	-	5,758	17,095	55,670	5,758	17,095	55,670
SECTOR TOTAL	-	-	-	5,962	17,551	57,543	5,962	17,551	57,543
TOTAL, ALL SECTORS	928	2,415	12,266	8,673	24,985	74,440	9,601	27,400	86,706

Notes:

- See note 1 on page II-0
- In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ Continuous Bus Survey.

TABLE 19
WHERE AND WHEN BUS PASSENGERS LEFT THE HUB
ON A FALL BUSINESS DAY IN 2020

LOCATION / TRAVEL MODE	LOCAL BUS PASSENGERS			EXPRESS BUS PASSENGERS			TOTAL BUS PASSENGERS		
	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS	5-6 PM	4-7 PM	24 HOURS
60TH STREET SECTOR									
FDR DRIVE	-	-	-	-	-	-	-	-	-
YORK AVENUE	33	121	545	-	-	-	33	121	545
FIRST AVENUE	67	252	1,389	335	898	3,618	402	1,150	5,007
THIRD AVENUE	165	572	2,367	21	43	93	186	615	2,460
MADISON AVENUE	191	560	1,907	351	889	1,677	542	1,449	3,584
CENTRAL PARK WEST	34	79	224	-	-	-	34	79	224
BROADWAY	153	378	1,257	7	32	50	160	410	1,307
AMSTERDAM AVENUE	74	199	818	-	-	-	74	199	818
WEST END AVENUE	44	116	454	-	-	-	44	116	454
SECTOR TOTAL	761	2,277	8,961	714	1,862	5,438	1,475	4,139	14,399
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	3	17	118	-	-	-	3	17	118
MANHATTAN BRIDGE	-	-	125	-	-	79	-	-	204
HUGH L. CAREY TUNNEL	-	-	-	1,524	3,873	7,207	1,524	3,873	7,207
SECTOR TOTAL	3	17	243	1,524	3,873	7,286	1,527	3,890	7,529
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	105	229	314	105	229	314
ED KOCH QUEENSBORO BRIDGE	215	552	1,849	606	1,465	1,976	821	2,017	3,825
SECTOR TOTAL	215	552	1,849	711	1,694	2,290	926	2,246	4,139
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	92	253	1,153	92	253	1,153
LINCOLN TUNNEL	-	-	-	7,271	19,792	52,640	7,271	19,792	52,640
SECTOR TOTAL	-	-	-	7,363	20,045	53,793	7,363	20,045	53,793
TOTAL, ALL SECTORS	979	2,846	11,053	10,312	27,474	68,807	11,291	30,320	79,860

- Notes:
- See note 1 on page II-0
 - In Fall 2020, subways were closed to passenger service from 1am-5am to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1 am would have crossed the cordon after 1am. Due to logistical and scheduling reasons trains continued to run in non-revenue service during those hours. Additional replacement bus service was added during those hours to accommodate passengers.
 - Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors, belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
 - Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
 - New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ Continuous Bus Survey.

APPENDIX II- Summary Tables - 2020

TABLE 20
LEVEL OF COMFORT (1) AND FREQUENCY OF SERVICE (2)
FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2019 AND 2020
DURING THE 8AM-9AM PEAK HOUR

	SERVICE OPERATION				FLOOR SPACE		NUMBER OF PSGR		PASSENGERS		AVG FLOOR SPACE		AVERAGE HEADWAY	
	TRAINs, ETC.		RAILCARS, BUSES		SQ. FT.		PASSENGERS		PER RAILCAR, BUS		PER PSGR (1) (SQ. FT.)		MINUTES (2)	
	2019	2020	2019	2020	2019 (2)	2020 (2)	2019	2020	2019	2020	2019	2020	2019	2020
60TH STREET SECTOR														
SECOND AVE LOCAL (3)	9	9	72	72	31,680	31,680	12,872	1,821	179	25	2	17	7	7
LEXINGTON AVE EXPRESS	23	22	230	220	101,200	96,800	21,647	5,536	94	25	5	17	3	3
LEXINGTON AVE LOCAL	19	20	190	200	83,600	88,000	13,005	3,856	68	19	6	23	3	3
EIGHTH AVE EXPRESS	18	19	144	152	108,000	114,000	22,794	6,291	158	41	5	18	3	3
EIGHTH AVE LOCAL	12	11	96	88	64,992	59,576	10,049	1,245	105	14	6	48	5	5
BROADWAY/7TH AVE EXPRESS	21	18	210	180	92,400	79,200	24,831	4,634	118	26	4	17	3	3
BROADWAY/7TH AVE LOCAL	19	18	190	180	83,600	79,200	14,485	2,474	76	14	6	32	3	3
MTA/AMTRAK TUN.	53	22	416	166	250,432	99,932	35,826	3,822	86	23	7	26	1	3
BUSES	-	-	157	157	51,100	51,100	4,044	1,399	26	9	13	37	-	-
SECTOR AVERAGE	174	139	1,705	1,415	867,004	699,488	159,553	31,078	101	22	5	23	3	4
BROOKLYN SECTOR														
14TH ST. TUNNEL	20	20	160	160	96,320	96,320	26,461	5,699	165	36	4	17	3	3
WILLIAMSBURG BRIDGE	21	21	168	168	101,136	101,136	17,130	3,849	102	23	6	26	3	3
RUTGERS ST. TUNNEL	12	8	120	80	85,560	57,040	11,019	2,193	92	27	8	26	5	8
MANHATTAN BRIDGE	31	37	248	296	165,416	197,432	39,593	10,285	160	35	4	19	2	2
CRANBERRY ST. TUNNEL	23	21	184	168	127,696	116,592	25,057	4,684	136	28	5	25	3	3
CLARK ST. TUNNEL	18	17	180	170	79,200	74,800	13,672	2,815	76	17	6	27	3	4
MONTAGUE ST. TUNNEL	10	12	100	116	60,200	69,832	6,317	647	63	6	10	108	6	5
JORALEMON ST. TUNNEL	19	21	190	210	83,600	92,400	16,067	3,597	85	17	5	26	3	3
BUSES	-	-	150	149	48,460	48,140	4,926	1,339	33	9	10	36	-	-
SECTOR AVERAGE	154	157	1,500	1,517	847,588	853,692	160,242	35,108	101	22	5	24	3	4
QUEENS SECTOR														
60TH STREET TUNNEL	23	23	204	204	122,808	122,808	25,384	6,979	124	34	5	18	3	3
53RD STREET TUNNEL	22	21	202	192	121,604	115,584	23,886	7,023	118	37	5	16	3	3
STEINWAY TUNNEL	29	26	319	286	140,360	125,840	24,459	5,720	77	20	6	22	2	2
63RD STREET TUNNEL	15	8	150	80	106,950	57,040	16,579	2,898	111	36	6	20	4	8
LIRR/AMTRAK TUNNELS	37	36	389	365	234,178	219,730	33,540	5,843	86	16	7	38	2	2
BUSES	-	-	125	126	42,200	42,520	2,958	901	24	7	14	47	-	-
SECTOR AVERAGE	126	114	1,389	1,253	768,100	683,522	126,806	29,364	90	25	6	23	3	3
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	27	23	206	174	75,808	64,032	20,043	2,425	97	14	4	26	2	3
PATH UPTOWN TUNNEL	23	21	161	147	59,248	54,096	15,969	2,527	99	17	4	21	3	3
N.J. TRANSIT/AMTRAK TUNNEL	25	21	226	192	136,052	115,584	27,223	3,189	120	17	5	36	2	3
BUSES	-	-	1,006	547	321,920	175,040	38,584	5,962	38	11	8	29	-	-
SECTOR AVERAGE	75	65	1,599	1,060	593,028	408,752	101,819	14,103	89	15	6	29	2	3
STATEN ISLAND FERRY	4	4	4	4	80,000	80,000	4,605	1,228	1,151	307	17	65	15	15
ROOSEVELT ISLAND TRAMWAY	8	8	8	8	2,075	2,075	486	486	61	61	4	4	8	8
TOTAL/AVERAGE, ALL SECTORS	541	487	6,205	5,257	3,157,795	2,727,529	553,511	111,367	89	21	6	24	3	3

Notes: - See note 1 on page II-0

(1) - Average floor space per passenger is a measurement for passenger level of comfort.

(2) - Frequency of Service or Average Headway is a measurement of time between vehicles in a transit system.

(3) - Second Avenue subway on the Upper East Side (the first phase of the new subway line) officially opened to the public on Jan. 1, 2017.

TABLE 21A
TOTAL PERSONS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN 2018, 2019, AND 2020

HOURS	2018			2019			2020		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	26,952	66,162	93,114	28,075	53,514	81,589	13,979	24,710	38,689
1:00am	15,615	32,220	47,835	17,069	36,846	53,915	8,651	11,888	20,539
2:00am	11,779	18,230	30,009	13,637	19,434	33,071	7,439	7,503	14,942
3:00am	13,107	14,659	27,766	12,962	16,854	29,816	8,206	7,318	15,524
4:00am	27,041	18,639	45,680	27,453	19,464	46,917	13,645	9,203	22,848
5:00am	98,582	37,879	136,461	94,149	37,126	131,275	64,500	24,738	89,238
6:00am	235,509	93,653	329,162	236,976	84,128	321,104	135,153	62,458	197,611
7:00am	421,534	150,535	572,069	412,602	147,800	560,402	160,088	84,610	244,698
8:00am	614,967	163,663	778,630	619,503	162,644	782,147	166,395	86,359	252,754
9:00am	384,350	132,374	516,724	411,450	132,305	543,755	118,388	64,262	182,650
10:00am	211,956	103,475	315,431	214,907	111,808	326,715	89,492	62,006	151,498
11:00am	165,915	107,369	273,284	165,256	112,292	277,548	77,606	63,142	140,748
12:00pm	147,481	118,249	265,730	151,866	127,663	279,529	74,577	67,896	142,473
1:00pm	145,125	135,758	280,883	146,281	140,656	286,937	80,988	78,147	159,135
2:00pm	155,971	171,981	327,952	156,835	180,497	337,332	89,011	101,656	190,667
3:00pm	176,896	235,072	411,968	180,316	250,764	431,080	97,164	134,306	231,470
4:00pm	194,471	322,598	517,069	193,037	328,573	521,610	98,723	159,412	258,135
5:00pm	209,068	489,626	698,694	202,014	490,230	692,244	95,574	173,178	268,752
6:00pm	175,339	455,021	630,360	168,580	453,602	622,182	80,247	147,441	227,688
7:00pm	124,663	299,789	424,452	119,942	295,956	415,898	61,880	103,226	165,106
8:00pm	94,135	219,469	313,604	89,428	211,163	300,591	46,510	73,907	120,417
9:00pm	79,569	180,141	259,710	75,742	164,468	240,210	39,120	57,120	96,240
10:00pm	65,081	144,866	209,947	68,452	133,929	202,381	35,660	50,061	85,721
11:00pm	46,862	103,303	150,165	49,176	96,666	145,842	25,308	45,203	70,511
TOTAL	3,841,968	3,814,731	7,656,699	3,855,708	3,808,382	7,664,090	1,688,304	1,699,750	3,388,054

See note 1 on page II-0

TABLE 21B
CUMULATIVE NUMBER OF PERSONS ENTERING THE HUB,
AT PEAK ACCUMULATION 1990-2020

YEAR	TOTAL ACCUMULATION	AT
1990	1,318,000	1:00pm
1991	1,325,000	1:00pm
1992	1,262,000	1:00pm
1993	1,250,000	1:00pm
1994	1,273,000	1:00pm
1995	1,277,000	1:00pm
1996	1,295,000	1:00pm
1997	1,303,000	1:00pm
1998	1,296,000	1:00pm
2000	1,464,000	1:00pm
2001	1,253,800	1:00pm
2002	1,265,360	1:00pm
2003	1,273,519	1:00pm
2004	1,228,259	2:00pm
2005	1,197,459	2:00pm
2006	1,244,863	2:00pm
2007	1,381,852	1:00pm
2008	1,334,179	1:00pm
2009	1,209,458	2:00pm
2010	1,231,071	2:00pm
2011	1,230,220	2:00pm
2012	1,316,844	2:00pm
2013	1,342,153	2:00pm
2014	1,365,561	2:00pm
2015	1,392,132	2:00pm
2016	1,381,111	2:00pm
2017	1,378,724	2:00pm
2018	1,378,366	2:00pm
2019	1,382,597	2:00pm
2020	384,302	2:00pm

See notes on page II-0

TABLE 22A
TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN 2018, 2019, AND 2020

HOURS	2018			2019			2020			TOTAL
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND		
12:00am	7,614	37,824	45,438	7,300	23,762	31,062	3,751	9,244		12,995
1:00am	3,709	14,808	18,517	4,219	17,531	21,750	1,318	2,993		4,311
2:00am	2,884	6,392	9,276	4,526	5,880	10,406	709	461		1,170
3:00am	3,660	4,455	8,115	3,591	4,772	8,363	695	570		1,265
4:00am	11,452	5,031	16,483	12,085	4,946	17,031	2,115	498		2,613
5:00am	64,294	15,264	79,558	59,998	15,811	75,809	36,323	9,529		45,852
6:00am	185,876	57,913	243,789	186,201	51,121	237,322	90,487	33,394		123,881
7:00am	367,805	108,143	475,948	356,620	108,276	464,896	109,293	47,322		156,615
8:00am	559,095	122,143	681,238	560,994	123,583	684,577	112,314	47,017		159,331
9:00am	331,913	92,915	424,828	356,711	93,462	450,173	70,766	29,526		100,292
10:00am	163,806	62,750	226,556	165,387	70,887	236,274	48,212	23,656		71,868
11:00am	122,114	65,877	187,991	118,822	69,772	188,594	38,065	24,188		62,253
12:00pm	104,719	74,729	179,448	107,071	82,783	189,854	35,877	27,105		62,982
1:00pm	102,658	89,469	192,127	102,680	92,647	195,327	41,035	35,009		76,044
2:00pm	111,975	121,330	233,305	111,943	128,404	240,347	46,816	51,360		98,176
3:00pm	132,968	181,842	314,810	135,330	195,274	330,604	54,707	79,567		134,274
4:00pm	149,255	266,776	416,031	147,080	270,647	417,727	57,718	102,295		160,013
5:00pm	163,084	433,419	596,503	155,085	433,536	588,621	54,403	114,383		168,786
6:00pm	128,415	397,793	526,208	119,952	394,560	514,512	40,720	90,000		130,720
7:00pm	79,893	243,449	323,342	73,859	238,154	312,013	26,358	56,081		82,439
8:00pm	52,708	166,756	219,464	45,884	155,173	201,057	16,297	36,476		52,773
9:00pm	39,298	130,275	169,573	34,123	110,685	144,808	13,247	25,337		38,584
10:00pm	26,355	97,452	123,807	27,952	83,599	111,551	12,630	21,529		34,159
11:00pm	15,100	63,291	78,391	16,345	53,858	70,203	7,672	19,784		27,456
TOTAL	2,930,650	2,860,096	5,790,746	2,913,758	2,829,123	5,742,881	921,528	887,324		1,808,852

See note 1 on page II-0

TABLE 22B
CUMULATIVE NUMBER OF PASSENGERS ENTERING AND LEAVING THE HUB
BY PUBLIC TRANSPORTATION, AT PEAK ACCUMULATION, 1990-2020

YEAR	TOTAL ACCUMULATION	AT
1990	1,166,000	1:00pm
1991	1,170,000	1:00pm
1992	1,114,000	1:00pm
1993	1,107,000	1:00pm
1994	1,124,000	1:00pm
1995	1,134,000	1:00pm
1996	1,147,000	1:00pm
1997	1,214,000	1:00pm
1998	1,106,000	1:00pm
2000	1,301,700	1:00pm
2001	1,143,565	1:00pm
2002	1,165,742	1:00pm
2003	1,131,893	1:00pm
2004	1,095,947	2:00pm
2005	1,084,278	2:00pm
2006	1,127,823	2:00pm
2007	1,263,788	1:00pm
2008	1,227,692	2:00pm
2009	1,113,513	2:00pm
2010	1,129,993	2:00pm
2011	1,163,499	2:00pm
2012	1,203,234	2:00pm
2013	1,230,358	2:00pm
2014	1,260,596	2:00pm
2015	1,284,399	2:00pm
2016	1,279,601	2:00pm
2017	1,280,676	2:00pm
2018	1,286,504	2:00pm
2019	1,272,903	2:00pm
2020	291,275	2:00pm

See notes on page II-0

TABLE 23A
TOTAL PRIVATE MOTOR VEHICLES ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN YEARS 2018, 2019, AND 2020

HOURS	2018			2019			2020			TOTAL
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND		
12:00am	15,185	21,215	36,400	16,446	22,327	38,773	7,970	11,639		19,609
1:00am	9,385	13,077	22,462	10,212	14,516	24,728	5,783	6,760		12,543
2:00am	7,035	8,951	15,986	7,223	10,231	17,454	5,365	5,413		10,778
3:00am	7,511	7,757	15,268	7,453	9,139	16,592	6,015	5,209		11,224
4:00am	12,427	10,353	22,780	12,269	11,073	23,342	9,208	6,730		15,938
5:00am	28,175	17,185	45,360	28,061	16,271	44,332	23,123	11,559		34,682
6:00am	40,826	26,933	67,759	41,896	24,974	66,870	36,584	21,895		58,479
7:00am	42,084	31,440	73,524	44,305	29,569	73,874	39,703	27,604		67,307
8:00am	41,515	30,458	71,973	43,753	28,775	72,528	40,684	28,741		69,425
9:00am	39,326	28,683	68,009	41,383	28,388	69,771	35,810	25,123		60,933
10:00am	36,577	29,809	66,386	37,905	30,235	68,140	30,853	28,154		59,007
11:00am	33,261	30,326	63,587	35,719	31,312	67,031	29,302	28,514		57,816
12:00pm	31,976	31,622	63,598	33,693	32,718	66,411	28,279	29,508		57,787
1:00pm	32,036	34,207	66,243	33,031	35,535	68,566	29,488	31,762		61,250
2:00pm	33,251	37,033	70,284	34,238	38,363	72,601	31,318	36,584		67,902
3:00pm	33,492	39,362	72,854	34,698	41,428	76,126	31,858	40,090		71,948
4:00pm	34,060	40,159	74,219	34,953	42,148	77,101	30,298	40,653		70,951
5:00pm	34,112	39,143	73,255	35,110	39,585	74,695	29,554	40,732		70,286
6:00pm	35,461	39,067	74,528	37,043	40,255	77,298	28,759	39,331		68,090
7:00pm	34,141	39,193	73,334	35,491	40,636	76,127	26,441	32,944		59,385
8:00pm	31,452	37,977	69,429	33,338	40,356	73,694	22,586	26,729		49,315
9:00pm	30,862	36,303	67,165	32,300	39,302	71,602	19,536	22,595		42,131
10:00pm	29,932	34,794	64,726	31,624	36,979	68,603	17,567	20,406		37,973
11:00pm	24,638	29,482	54,120	25,790	31,610	57,400	13,476	18,458		31,934
TOTAL	698,720	694,529	1,393,249	727,934	715,725	1,443,659	579,560	587,133		1,166,693

See note 1 on page II-0

TABLE 23B
CUMULATIVE NUMBER OF MOTOR VEHICLES ENTERING AND LEAVING THE HUB
AT PEAK ACCUMULATION, 1990-2020

YEAR	TOTAL ACCUMULATION	AT
1990	101,800	1:00pm
1991	102,300	1:00pm
1992	96,300	1:00pm
1993	94,100	2:00pm
1994	97,100	2:00pm
1995	94,100	2:00pm
1996	93,800	1:00pm
1997	101,000	2:00pm
1998	104,000	2:00pm
2000	102,872	2:00pm
2001	67,093	2:00pm
2002	60,181	2:00pm
2003	86,909	2:00pm
2004	91,551	1:00pm
2005	85,119	1:00pm
2006	89,847	1:00pm
2007	88,629	1:00pm
2008	79,198	1:00pm
2009	78,305	1:00pm
2010	78,173	1:00pm
2011	79,651	1:00pm
2012	81,359	1:00pm
2013	79,753	1:00pm
2014	75,896	1:00pm
2015	78,750	1:00pm
2016	72,867	1:00pm
2017	73,203	1:00pm
2018	67,725	1:00pm
2019	80,998	1:00pm
2020	70,597	12:00pm

See notes on page II-0

TABLE 24
TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2020

II - 24

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	10,167	3,185	161	320	81	4	61	13,979
1:00am	7,302	806	186	247	79	0	31	8,651
2:00am	6,703	30	280	328	71	0	27	7,439
3:00am	7,479	38	376	40	241	0	32	8,206
4:00am	11,453	142	1,257	520	196	0	77	13,645
5:00am	27,932	26,831	6,286	2,351	849	6	245	64,500
6:00am	43,515	65,189	12,013	11,452	1,778	55	1,151	135,153
7:00am	48,586	82,024	12,723	11,766	2,667	113	2,209	160,088
8:00am	50,998	87,198	9,601	12,854	2,504	157	3,083	166,395
9:00am	45,030	57,376	5,076	6,805	1,386	123	2,592	118,388
10:00am	39,014	40,634	3,288	3,258	955	77	2,266	89,492
11:00am	37,077	32,246	2,628	2,385	753	53	2,464	77,606
12:00pm	36,211	30,424	2,393	2,063	941	56	2,489	74,577
1:00pm	37,535	34,547	3,149	2,341	926	72	2,418	80,988
2:00pm	39,807	39,271	4,098	2,264	1,119	64	2,388	89,011
3:00pm	40,045	47,038	4,194	2,041	1,325	109	2,412	97,164
4:00pm	38,557	49,176	4,867	2,601	995	79	2,448	98,723
5:00pm	37,930	46,867	4,421	2,149	889	77	3,241	95,574
6:00pm	36,050	33,742	3,495	2,466	928	89	3,477	80,247
7:00pm	32,928	21,081	2,310	2,270	655	42	2,594	61,880
8:00pm	28,480	13,427	1,232	1,135	476	27	1,733	46,510
9:00pm	24,631	10,550	1,182	1,204	302	9	1,242	39,120
10:00pm	22,145	10,208	1,016	1,117	261	28	885	35,660
11:00pm	17,061	6,315	474	781	90	12	575	25,308
TOTAL	726,636	738,345	86,706	74,758	20,467	1,252	40,140	1,688,304

Notes: - See note 1 on page II-0

(1) - Excludes SI Ferry bicyclists

TABLE 25
TOTAL PERSONS LEAVING THE HUB BY HOUR AND MODE IN 2020

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	15,224	7,628	736	584	286	10	242	24,710
1:00am	8,797	2,274	351	264	102	2	98	11,888
2:00am	6,999	46	272	94	49	0	43	7,503
3:00am	6,716	36	214	232	88	0	32	7,318
4:00am	8,690	34	249	109	106	0	15	9,203
5:00am	15,152	8,058	797	513	160	1	57	24,738
6:00am	28,502	28,912	2,523	1,292	649	18	562	62,458
7:00am	36,232	40,544	3,946	2,144	641	47	1,056	84,610
8:00am	38,025	39,111	4,936	2,182	743	45	1,317	86,359
9:00am	33,636	24,207	2,894	1,774	592	59	1,100	64,262
10:00am	37,244	19,348	2,117	1,531	620	40	1,106	62,006
11:00am	37,417	19,971	1,806	1,720	643	48	1,537	63,142
12:00pm	38,868	22,566	2,165	1,776	558	40	1,923	67,896
1:00pm	41,172	28,940	2,727	2,425	867	50	1,966	78,147
2:00pm	48,021	40,343	4,721	5,097	1,137	62	2,275	101,656
3:00pm	52,101	62,628	6,687	8,407	1,734	111	2,638	134,306
4:00pm	54,044	79,229	9,933	9,986	3,022	125	3,073	159,412
5:00pm	54,442	86,954	11,291	12,774	3,202	162	4,353	173,178
6:00pm	52,675	69,804	9,096	8,680	2,269	151	4,766	147,441
7:00pm	43,606	44,657	5,119	4,779	1,410	116	3,539	103,226
8:00pm	35,093	30,264	2,903	2,572	668	69	2,338	73,907
9:00pm	29,700	21,453	1,688	1,574	574	48	2,083	57,120
10:00pm	26,742	18,246	1,316	1,527	412	28	1,790	50,061
11:00pm	24,128	17,097	1,373	888	410	16	1,291	45,203
TOTAL	773,226	712,350	79,860	72,924	20,942	1,248	39,200	1,699,750

Notes: - See note 1 on page II-0

(1) - Excludes SI Ferry bicyclists

TABLE 26
TOTAL PERSONS ENTERING THE HUB BY HOUR AND SECTOR IN 2020

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	7,361	3,727	1,817	989	81	4	13,979
1:00am	3,785	2,234	1,863	690	79	0	8,651
2:00am	2,744	1,570	2,473	581	71	0	7,439
3:00am	2,683	1,814	2,737	731	241	0	8,206
4:00am	4,140	3,538	3,546	2,225	196	0	13,645
5:00am	20,029	18,112	13,526	12,031	796	6	64,500
6:00am	39,763	37,776	33,641	22,554	1,364	55	135,153
7:00am	48,208	47,293	38,120	24,756	1,598	113	160,088
8:00am	52,828	49,511	39,891	22,780	1,228	157	166,395
9:00am	40,255	36,523	26,658	14,169	660	123	118,388
10:00am	33,068	26,682	19,261	9,786	618	77	89,492
11:00am	30,969	23,168	14,512	8,389	515	53	77,606
12:00pm	31,950	21,642	13,054	7,225	650	56	74,577
1:00pm	33,551	23,695	14,542	8,533	595	72	80,988
2:00pm	37,220	25,576	16,107	9,363	681	64	89,011
3:00pm	44,317	26,254	16,507	9,002	975	109	97,164
4:00pm	45,313	25,936	16,815	9,931	649	79	98,723
5:00pm	44,207	25,582	16,090	9,063	555	77	95,574
6:00pm	36,187	21,757	12,977	8,647	590	89	80,247
7:00pm	28,549	16,330	9,558	6,979	422	42	61,880
8:00pm	21,291	13,235	6,748	4,847	362	27	46,510
9:00pm	17,136	11,332	5,783	4,633	227	9	39,120
10:00pm	15,891	10,481	5,161	3,868	231	28	35,660
11:00pm	12,464	7,144	3,615	1,983	90	12	25,308
TOTAL	653,909	480,912	335,002	203,755	13,474	1,252	1,688,304

Notes: - See note 1 on page II-0

(1) - Excludes Roosevelt Island passengers

TABLE 27
TOTAL PERSONS LEAVING THE HUB BY HOUR AND SECTOR IN 2020

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	8,896	7,835	4,958	2,725	286	10	24,710
1:00am	5,186	2,962	2,442	1,194	102	2	11,888
2:00am	3,550	1,808	1,312	784	49	0	7,503
3:00am	3,635	1,407	1,370	818	88	0	7,318
4:00am	4,395	1,864	1,629	1,209	106	0	9,203
5:00am	11,715	7,216	2,611	3,035	160	1	24,738
6:00am	27,518	17,768	10,557	5,993	604	18	62,458
7:00am	40,576	22,418	12,618	8,593	358	47	84,610
8:00am	41,605	22,666	11,651	9,951	441	45	86,359
9:00am	31,407	18,009	6,769	7,667	351	59	64,262
10:00am	27,974	16,802	9,867	6,884	439	40	62,006
11:00am	27,864	17,014	10,816	6,975	425	48	63,142
12:00pm	29,217	18,247	11,992	8,055	345	40	67,896
1:00pm	32,568	20,918	14,211	9,776	624	50	78,147
2:00pm	39,091	27,333	20,443	13,961	766	62	101,656
3:00pm	47,696	37,076	30,309	17,958	1,156	111	134,306
4:00pm	51,508	47,413	36,697	21,630	2,039	125	159,412
5:00pm	56,046	50,719	39,289	25,100	1,862	162	173,178
6:00pm	47,988	44,389	31,740	21,865	1,308	151	147,441
7:00pm	35,833	31,067	21,586	13,743	881	116	103,226
8:00pm	27,166	21,778	15,392	9,025	477	69	73,907
9:00pm	21,535	17,244	11,399	6,389	505	48	57,120
10:00pm	19,416	15,053	9,758	5,415	391	28	50,061
11:00pm	16,745	14,020	9,774	4,238	410	16	45,203
TOTAL	659,130	483,026	329,190	212,983	14,173	1,248	1,699,750

Notes: - See note 1 on page II-0

(1) - Excludes Roosevelt Island passengers

Appendix III

Hourly Detail Tables - 2020

Note:

As of 2020 Hub Bound survey data, the Covid-19 pandemic triggered sudden massive change to travel behaviors of people all around the region, most notably an increase in telecommuting, which impacted commuting to and from Manhattan CBD. This can be seen in the big changes in the 2020 data compared to the Hub Bound reports from previous years.

SECTION A
BUS TRANSIT BY SECTOR
SUMMARY, 2020-INBOUND

HOURS	60TH ST SECTOR		BROOKLYN SECTOR		QUEENS SECTOR		N. J. SECTOR		TOTAL ALL SECTORS	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00am	22	75	1	2	1	2	29	82	53	161
1:00am	23	94	4	38	1	7	12	47	40	186
2:00am	25	146	7	83	2	12	6	39	40	280
3:00am	27	153	7	114	3	35	13	74	50	376
4:00am	34	294	12	244	3	83	31	636	80	1,257
5:00am	79	582	54	951	5	92	220	4,661	358	6,286
6:00am	146	1,272	109	1,486	67	730	426	8,525	748	12,013
7:00am	176	1,578	160	1,638	145	1,058	578	8,449	1,059	12,723
8:00am	157	1,399	149	1,339	126	901	547	5,962	979	9,601
9:00am	124	992	60	589	56	355	285	3,140	525	5,076
10:00am	104	847	24	216	26	193	153	2,032	307	3,288
11:00am	96	820	17	179	22	137	123	1,492	258	2,628
12:00pm	96	931	18	159	20	108	105	1,195	239	2,393
1:00pm	106	1,000	18	186	19	92	142	1,871	285	3,149
2:00pm	105	1,020	17	250	21	138	210	2,690	353	4,098
3:00pm	120	1,150	16	192	24	84	275	2,768	435	4,194
4:00pm	134	1,064	15	97	24	82	366	3,624	539	4,867
5:00pm	119	1,053	12	91	28	97	351	3,180	510	4,421
6:00pm	98	719	9	48	22	56	287	2,672	416	3,495
7:00pm	86	546	6	32	23	50	211	1,682	326	2,310
8:00pm	79	327	5	30	14	7	124	868	222	1,232
9:00pm	68	249	4	29	9	17	101	887	182	1,182
10:00pm	59	269	4	27	5	14	79	706	147	1,016
11:00pm	49	200	1	5	4	8	56	261	110	474
TOTAL	2,132	16,780	729	8,025	670	4,358	4,730	57,543	8,261	86,706

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Lincoln and Holland Tunnels (NJ Sector) counts include all buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ 2015 Continuous Bus Survey -adjusted estimates.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
BUS TRANSIT BY SECTOR
SUMMARY, 2020-OUTBOUND

HOURS	60TH ST SECTOR		BROOKLYN SECTOR		QUEENS SECTOR		N. J. SECTOR		TOTAL ALL SECTORS	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00am	12	56	7	47	3	3	47	630	69	736
1:00am	20	120	5	45	2	42	25	144	52	351
2:00am	26	116	7	50	3	43	8	63	44	272
3:00am	26	111	7	53	3	23	4	27	40	214
4:00am	28	122	6	54	4	38	10	35	48	249
5:00am	35	156	3	16	2	7	90	618	130	797
6:00am	57	471	1	15	7	21	304	2,016	369	2,523
7:00am	87	773	4	60	15	43	445	3,070	551	3,946
8:00am	118	800	5	76	20	38	536	4,022	679	4,936
9:00am	118	596	8	66	23	51	348	2,181	497	2,894
10:00am	109	541	7	60	24	60	175	1,456	315	2,117
11:00am	99	659	14	107	22	75	125	965	260	1,806
12:00pm	96	730	14	133	24	133	108	1,169	242	2,165
1:00pm	100	810	17	221	21	144	113	1,552	251	2,727
2:00pm	104	987	31	517	24	198	149	3,019	308	4,721
3:00pm	117	1,172	63	904	29	306	193	4,305	402	6,687
4:00pm	138	1,403	104	1,401	72	693	330	6,436	644	9,933
5:00pm	175	1,475	149	1,527	113	926	458	7,363	895	11,291
6:00pm	159	1,261	116	962	96	627	435	6,246	806	9,096
7:00pm	126	761	57	460	60	335	288	3,563	531	5,119
8:00pm	99	500	35	286	29	176	165	1,941	328	2,903
9:00pm	70	310	23	179	13	49	123	1,150	229	1,688
10:00pm	59	218	21	170	10	41	86	887	176	1,316
11:00pm	50	251	9	120	10	67	68	935	137	1,373
TOTAL	2,028	14,399	713	7,529	629	4,139	4,633	53,793	8,003	79,860

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Lincoln and Holland Tunnels (NJ Sector) counts include all buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ 2015 Continuous Bus Survey -adjusted estimates.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
BUS TRANSIT BY ROUTE
60TH STREET SECTOR 2020 - INBOUND

HOURS	YORK AVENUE		SECOND AVE						LEXINGTON AVENUE						FIFTH AVENUE							
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		TOTAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		MTA BUS CO.		WC DOT *		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
III 12:00 am	0	0	2	21	0	0	2	21	8	25	0	0	8	25	6	18	2	1	0	0	8	19
	0	0	3	19	1	20	4	39	5	16	0	0	5	16	10	25	0	0	0	0	10	25
	0	0	4	26	3	53	7	79	5	20	0	0	5	20	8	29	0	0	0	0	8	29
	0	0	4	24	3	47	7	71	5	31	0	0	5	31	9	30	0	0	0	0	9	30
	0	0	4	51	4	80	8	131	8	54	0	0	8	54	9	61	0	0	0	0	9	61
	2	4	5	32	13	96	18	128	15	78	1	21	16	99	12	78	12	199	2	28	26	305
	5	20	10	73	17	211	27	284	19	88	3	50	22	138	16	80	41	567	3	40	60	687
	7	38	7	49	23	343	30	392	20	233	8	81	28	314	21	123	52	509	2	25	75	657
	5	22	7	81	14	243	21	324	17	280	6	50	23	330	34	225	35	280	1	12	70	517
	7	38	7	56	10	177	17	233	16	235	3	23	19	258	26	124	19	157	1	6	46	287
	5	27	7	86	8	158	15	244	15	171	3	18	18	189	22	119	14	110	0	0	36	229
	5	50	6	79	7	133	13	212	17	206	2	13	19	219	18	101	13	81	1	3	32	185
	5	52	5	80	8	163	13	243	16	224	2	16	18	240	17	109	13	88	0	0	30	197
	5	53	6	75	9	249	15	324	19	222	2	16	21	238	23	116	13	116	0	0	36	232
	5	52	5	78	8	238	13	316	16	198	2	13	18	211	20	130	13	84	0	0	33	214
	6	55	7	105	10	266	17	371	19	260	2	9	21	269	27	167	13	53	0	0	40	220
	7	63	5	70	11	242	16	312	21	247	2	9	23	256	36	180	13	50	0	0	49	230
	7	70	7	95	12	230	19	325	17	257	2	10	19	267	24	157	12	57	0	0	36	214
	7	46	6	60	6	145	12	205	15	204	2	4	17	208	17	91	12	38	0	0	29	129
	6	21	6	46	6	119	12	165	13	117	2	5	15	122	18	105	10	25	0	0	28	130
	4	16	7	44	5	74	12	118	16	54	1	2	17	56	14	51	9	21	0	0	23	72
	4	12	4	32	4	44	8	76	10	44	1	2	11	46	12	31	9	31	0	0	21	62
	3	12	5	49	1	3	6	52	10	73	1	1	11	74	10	40	9	40	0	0	19	80
	2	6	4	37	0	0	4	37	10	85	1	1	11	86	5	24	9	11	0	0	14	35
TOTAL	97	657	133	1,368	183	3,334	316	4,702	332	3,422	46	344	378	3,766	414	2,214	323	2,518	10	114	747	4,846

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- * WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
60TH STREET SECTOR 2020- INBOUND (CONT'D)

HOURS	BROADWAY				COLUMBUS AVE		WEST END AVENUE		TOTAL										
	NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.		WCDOT *		ALL BUSES		
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	
III 4	12:00 am	4	10	0	0	4	10	0	0	0	0	20	74	2	1	0	0	22	75
	1:00am	4	14	0	0	4	14	0	0	0	0	23	94	0	0	0	0	23	94
	2:00am	5	18	0	0	5	18	0	0	0	0	25	146	0	0	0	0	25	146
	3:00am	6	21	0	0	6	21	0	0	0	0	27	153	0	0	0	0	27	153
	4:00am	9	48	0	0	9	48	0	0	0	0	34	294	0	0	0	0	34	294
	5:00am	11	32	0	0	11	32	4	10	2	4	64	334	13	220	2	28	79	582
	6:00am	19	70	3	32	22	102	6	23	4	18	96	583	47	649	3	40	146	1,272
	7:00am	21	88	3	19	24	107	7	49	5	21	111	944	63	609	2	25	176	1,578
	8:00am	25	103	2	18	27	121	5	46	6	39	113	1,039	43	348	1	12	157	1,399
	9:00am	24	102	2	11	26	113	5	34	4	29	99	795	24	191	1	6	124	992
	10:00am	19	88	2	9	21	97	5	34	4	27	85	710	19	137	0	0	104	847
	11:00am	17	102	2	8	19	110	5	22	3	22	78	715	17	102	1	3	96	820
	12:00pm	19	93	2	7	21	100	5	52	4	47	79	820	17	111	0	0	96	931
	1:00pm	17	78	2	7	19	85	6	29	4	39	89	861	17	139	0	0	106	1,000
	2:00pm	23	96	2	8	25	104	6	77	5	46	88	915	17	105	0	0	105	1,020
	3:00pm	23	116	2	2	25	118	6	47	5	70	103	1,086	17	64	0	0	120	1,150
	4:00pm	26	80	2	4	28	84	5	74	6	45	117	1,001	17	63	0	0	134	1,064
	5:00pm	25	89	2	3	27	92	5	38	6	47	103	983	16	70	0	0	119	1,053
	6:00pm	21	67	2	2	23	69	4	24	6	38	82	675	16	44	0	0	98	719
	7:00pm	17	65	2	2	19	67	3	24	3	17	72	514	14	32	0	0	86	546
	8:00pm	15	36	2	2	17	38	3	15	3	12	67	302	12	25	0	0	79	327
	9:00pm	16	35	2	0	18	35	3	11	3	7	56	216	12	33	0	0	68	249
	10:00pm	13	32	2	1	15	33	3	13	2	5	47	227	12	42	0	0	59	269
	11:00pm	13	25	1	1	14	26	2	4	2	6	38	187	11	13	0	0	49	200
TOTAL	392	1,508	37	136	429	1,644	88	626	77	539	1,716	13,668	406	2,998	10	114	2,132	16,780	

Notes:

- See note on page III-0
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SECTION A
BUS TRANSIT BY ROUTE
60TH STREET SECTOR 2020-OUTBOUND

HOURS	YORK AVENUE		FIRST AVENUE						THIRD AVENUE						MADISON AVENUE							
	NYCT LOCAL BUS	PSGRS	NYCT LOCAL BUS	PSGRS	NYCT EXPRESS BUS	PSGRS	TOTAL BUS	PSGRS	NYCT LOCAL BUS	PSGRS	MTA BUS CO. BUS	PSGRS	TOTAL BUS	PSGRS	NYCT LOCAL BUS	PSGRS	MTA BUS CO. BUS	PSGRS	WCDOT * BUS	PSGRS	TOTAL BUS	PSGRS
12:00 am	1	1	3	31	0	0	3	31	2	14	0	0	2	14	1	1	0	0	0	0	1	1
1:00am	0	0	2	28	4	52	6	80	5	19	0	0	5	19	7	13	0	0	0	0	7	13
2:00am	0	0	3	33	3	31	6	64	5	17	0	0	5	17	9	20	0	0	0	0	9	20
3:00am	0	0	4	29	3	39	7	68	5	11	0	0	5	11	9	16	0	0	0	0	9	16
4:00am	0	0	4	44	3	22	7	66	6	19	0	0	6	19	9	19	0	0	0	0	9	19
5:00am	1	5	3	50	2	22	5	72	8	45	0	0	8	45	10	18	0	0	0	0	10	18
6:00am	3	20	3	37	7	226	10	263	16	73	1	4	17	77	8	50	1	2	0	0	9	52
7:00am	4	78	6	51	11	303	17	354	14	93	2	2	16	95	14	68	10	36	0	0	24	104
8:00am	6	48	6	52	19	317	25	369	16	107	2	2	18	109	19	95	15	26	0	0	34	121
9:00am	7	20	5	41	17	224	22	265	16	78	1	0	17	78	28	108	11	14	0	0	39	122
10:00am	6	35	6	47	10	150	16	197	15	76	3	1	18	77	26	91	11	32	0	0	37	123
11:00am	5	27	6	85	9	161	15	246	14	131	2	1	16	132	20	89	15	33	0	0	35	122
12:00pm	4	19	6	78	8	175	14	253	17	171	2	4	19	175	19	105	12	46	0	0	31	151
1:00pm	6	46	6	92	8	180	14	272	17	154	2	4	19	158	18	112	12	50	1	6	31	168
2:00pm	5	29	6	125	6	152	12	277	19	212	3	11	22	223	19	132	14	84	0	0	33	216
3:00pm	4	23	6	117	9	276	15	393	17	218	3	10	20	228	22	132	19	159	1	16	42	307
4:00pm	8	43	7	116	10	291	17	407	15	195	4	7	19	202	26	208	29	266	2	29	57	503
5:00pm	6	33	6	67	11	335	17	402	17	165	5	21	22	186	35	191	49	329	2	22	86	542
6:00pm	7	45	7	69	12	272	19	341	24	212	5	15	29	227	32	161	32	226	2	17	66	404
7:00pm	6	28	7	37	10	177	17	214	18	109	3	1	21	110	18	66	30	179	1	8	49	253
8:00pm	6	22	7	37	6	93	13	130	15	73	3	10	18	83	18	70	16	93	1	4	35	167
9:00pm	4	8	6	42	5	74	11	116	16	51	0	0	16	51	14	45	0	0	0	0	14	45
10:00pm	3	6	5	34	6	32	11	66	13	60	0	0	13	60	13	41	0	0	0	0	13	41
11:00pm	4	9	6	47	3	14	9	61	10	64	0	0	10	64	9	56	0	0	0	0	9	56
TOTAL	96	545	126	1,389	182	3,618	308	5,007	320	2,367	41	93	361	2,460	403	1,907	276	1,575	10	102	689	3,584

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- * WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
60TH STREET SECTOR 2020-OUTBOUND (CONT'D)

HOURS	CP West *		BROADWAY				AMSTERDAM AVE.		WEST END AVE		TOTAL										
	NYCT LOCAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.		WCDOT **		ALL		
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	
III 9-6	12:00 am	2	2	3	7	0	0	3	7	0	0	0	0	12	56	0	0	0	0	12	56
	1:00am	0	0	2	8	0	0	2	8	0	0	0	0	20	120	0	0	0	0	20	120
	2:00am	0	0	6	15	0	0	6	15	0	0	0	0	26	116	0	0	0	0	26	116
	3:00am	0	0	5	16	0	0	5	16	0	0	0	0	26	111	0	0	0	0	26	111
	4:00am	0	0	6	18	0	0	6	18	0	0	0	0	28	122	0	0	0	0	28	122
	5:00am	1	0	8	12	0	0	8	12	0	0	2	4	35	156	0	0	0	0	35	156
	6:00am	3	3	9	20	0	0	9	20	4	31	2	5	55	465	2	6	0	0	57	471
	7:00am	5	5	10	43	1	3	11	46	6	54	4	37	74	732	13	41	0	0	87	773
	8:00am	6	4	15	29	2	0	17	29	6	67	6	53	99	772	19	28	0	0	118	800
	9:00am	7	7	14	43	1	0	15	43	6	48	5	13	105	582	13	14	0	0	118	596
	10:00am	6	9	14	46	2	0	16	46	5	34	5	20	93	508	16	33	0	0	109	541
	11:00am	4	12	15	66	2	0	17	66	4	39	3	15	80	625	19	34	0	0	99	659
	12:00pm	5	12	11	46	2	2	13	48	5	46	5	26	80	678	16	52	0	0	96	730
	1:00pm	7	12	14	87	1	0	15	87	5	45	3	22	84	750	15	54	1	6	100	810
	2:00pm	5	16	16	120	1	0	17	120	5	57	5	49	86	892	18	95	0	0	104	987
	3:00pm	8	21	15	80	2	6	17	86	6	85	5	29	92	981	24	175	1	16	117	1,172
	4:00pm	8	25	14	100	3	14	17	114	6	65	6	44	100	1,087	36	287	2	29	138	1,403
	5:00pm	11	34	19	153	2	7	21	160	6	74	6	44	117	1,096	56	357	2	22	175	1,475
	6:00pm	8	20	17	125	4	11	21	136	4	60	5	28	116	992	41	252	2	17	159	1,261
	7:00pm	7	14	14	81	2	2	16	83	4	32	6	27	90	571	35	182	1	8	126	761
	8:00pm	5	8	11	38	2	5	13	43	4	26	5	21	77	388	21	108	1	4	99	500
	9:00pm	5	8	13	45	0	0	13	45	4	30	3	7	70	310	0	0	0	0	70	310
	10:00pm	5	7	10	21	0	0	10	21	2	11	2	6	59	218	0	0	0	0	59	218
	11:00pm	5	5	9	38	0	0	9	38	2	14	2	4	50	251	0	0	0	0	50	251
TOTAL	113	224	270	1,257	27	50	297	1,307	84	818	80	454	1,674	12,579	344	1,718	10	102	2,028	14,399	

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- * Central Park West
- ** WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
BUS TRANSIT BY ROUTE
BROOKLYN SECTOR 2020-INBOUND

HOURS	HUGH L. CAREY TUNNEL(Express)						WILLIAMSBURG BRIDGE (Local)				MANHATTAN BRIDGE (Express / Local)						TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit-Expr.		NYC Transit-Local		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	2
1:00am	1	3	0	0	1	3	0	0	0	0	1	11	2	24	3	35	4	38	0	0	4	38
2:00am	1	4	0	0	1	4	0	0	0	0	3	31	3	48	6	79	7	83	0	0	7	83
3:00am	1	13	0	0	1	13	0	0	0	0	3	48	3	53	6	101	7	114	0	0	7	114
4:00am	6	117	0	0	6	117	0	0	0	0	3	50	3	77	6	127	12	244	0	0	12	244
5:00am	50	887	2	33	52	920	0	0	0	0	1	17	1	14	2	31	52	918	2	33	54	951
6:00am	98	1,359	11	127	109	1,486	0	0	0	0	0	0	0	0	0	0	98	1,359	11	127	109	1,486
7:00am	138	1,450	20	185	158	1,635	2	3	2	3	0	0	0	0	0	0	140	1,453	20	185	160	1,638
8:00am	125	1,174	23	164	148	1,338	1	1	1	1	0	0	0	0	0	0	126	1,175	23	164	149	1,339
9:00am	50	527	8	55	58	582	2	7	2	7	0	0	0	0	0	0	52	534	8	55	60	589
10:00am	17	182	5	25	22	207	2	9	2	9	0	0	0	0	0	0	19	191	5	25	24	216
11:00am	13	163	2	9	15	172	2	7	2	7	0	0	0	0	0	0	15	170	2	9	17	179
12:00pm	12	126	4	18	16	144	2	15	2	15	0	0	0	0	0	0	14	141	4	18	18	159
1:00pm	12	161	4	19	16	180	2	6	2	6	0	0	0	0	0	0	14	167	4	19	18	186
2:00pm	12	225	3	9	15	234	2	16	2	16	0	0	0	0	0	0	14	241	3	9	17	250
3:00pm	12	159	2	7	14	166	2	26	2	26	0	0	0	0	0	0	14	185	2	7	16	192
4:00pm	12	70	1	3	13	73	2	24	2	24	0	0	0	0	0	0	14	94	1	3	15	97
5:00pm	10	70	0	0	10	70	2	21	2	21	0	0	0	0	0	0	12	91	0	0	12	91
6:00pm	7	40	0	0	7	40	2	8	2	8	0	0	0	0	0	0	9	48	0	0	9	48
7:00pm	4	25	0	0	4	25	2	7	2	7	0	0	0	0	0	0	6	32	0	0	6	32
8:00pm	3	26	0	0	3	26	2	4	2	4	0	0	0	0	0	0	5	30	0	0	5	30
9:00pm	3	27	0	0	3	27	1	2	1	2	0	0	0	0	0	0	4	29	0	0	4	29
10:00pm	4	27	0	0	4	27	0	0	0	0	0	0	0	0	0	0	4	27	0	0	4	27
11:00pm	1	5	0	0	1	5	0	0	0	0	0	0	0	0	0	0	1	5	0	0	1	5
TOTAL	593	6,842	85	654	678	7,496	28	156	28	156	11	157	12	216	23	373	644	7,371	85	654	729	8,025

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
BUS TRANSIT BY ROUTE
BROOKLYN SECTOR 2020-OUTBOUND

HOURS	HUGH L. CAREY TUNNEL(Express)						WILLIAMSBURG BRIDGE (Local)				MANHATTAN BRIDGE (Express / Local)						TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit-Expr.		NYC Transit-Local		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS	BUSES	PGRS
12:00 am	5	39	2	8	7	47	0	0	0	0	0	0	0	0	0	0	5	39	2	8	7	47
1:00am	1	3	0	0	1	3	0	0	0	0	2	20	2	22	4	42	5	45	0	0	5	45
2:00am	1	3	0	0	1	3	0	0	0	0	3	15	3	32	6	47	7	50	0	0	7	50
3:00am	1	4	0	0	1	4	0	0	0	0	3	20	3	29	6	49	7	53	0	0	7	53
4:00am	0	0	0	0	0	0	0	0	0	0	3	23	3	31	6	54	6	54	0	0	6	54
5:00am	1	4	0	0	1	4	0	0	0	0	1	1	1	11	2	12	3	16	0	0	3	16
6:00am	1	15	0	0	1	15	0	0	0	0	0	0	0	0	0	0	1	15	0	0	1	15
7:00am	2	43	0	0	2	43	2	17	2	17	0	0	0	0	0	0	4	60	0	0	4	60
8:00am	3	67	0	0	3	67	2	9	2	9	0	0	0	0	0	0	5	76	0	0	5	76
9:00am	6	60	0	0	6	60	2	6	2	6	0	0	0	0	0	0	8	66	0	0	8	66
10:00am	6	54	0	0	6	54	1	6	1	6	0	0	0	0	0	0	7	60	0	0	7	60
11:00am	9	85	2	4	11	89	3	18	3	18	0	0	0	0	0	0	12	103	2	4	14	107
12:00pm	9	111	4	9	13	120	1	13	1	13	0	0	0	0	0	0	10	124	4	9	14	133
1:00pm	11	198	4	11	15	209	2	12	2	12	0	0	0	0	0	0	13	210	4	11	17	221
2:00pm	24	481	5	28	29	509	2	8	2	8	0	0	0	0	0	0	26	489	5	28	31	517
3:00pm	54	833	8	68	62	901	1	3	1	3	0	0	0	0	0	0	55	836	8	68	63	904
4:00pm	87	1,262	14	129	101	1,391	3	10	3	10	0	0	0	0	0	0	90	1,272	14	129	104	1,401
5:00pm	128	1,374	20	150	148	1,524	1	3	1	3	0	0	0	0	0	0	129	1,377	20	150	149	1,527
6:00pm	97	870	16	88	113	958	3	4	3	4	0	0	0	0	0	0	100	874	16	88	116	962
7:00pm	47	414	8	43	55	457	2	3	2	3	0	0	0	0	0	0	49	417	8	43	57	460
8:00pm	26	250	7	33	33	283	2	3	2	3	0	0	0	0	0	0	28	253	7	33	35	286
9:00pm	19	162	3	14	22	176	1	3	1	3	0	0	0	0	0	0	20	165	3	14	23	179
10:00pm	17	158	4	12	21	170	0	0	0	0	0	0	0	0	0	0	17	158	4	12	21	170
11:00pm	7	112	2	8	9	120	0	0	0	0	0	0	0	0	0	0	7	112	2	8	9	120
TOTAL	562	6,602	99	605	661	7,207	28	118	28	118	12	79	12	125	24	204	614	6,924	99	605	713	7,529

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
BUS TRANSIT BY ROUTE
QUEENS SECTOR 2020-INBOUND

HOURS	ED KOCH QUEENSBORO BRIDGE						QUEENS MIDTOWN TUNNEL						TOTAL						
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		MTA Bus Co		TOTAL		NYC Transit		MTA Bus Co		TOTAL		
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	
III-6	12:00 am	1	2	0	0	1	2	0	0	0	0	0	0	1	2	0	0	1	2
	1:00am	1	7	0	0	1	7	0	0	0	0	0	0	1	7	0	0	1	7
	2:00am	2	12	0	0	2	12	0	0	0	0	0	0	2	12	0	0	2	12
	3:00am	3	35	0	0	3	35	0	0	0	0	0	0	3	35	0	0	3	35
	4:00am	3	83	0	0	3	83	0	0	0	0	0	0	3	83	0	0	3	83
	5:00am	3	68	0	0	3	68	0	0	2	24	2	24	3	68	2	24	5	92
	6:00am	5	84	9	65	14	149	7	114	46	467	53	581	12	198	55	532	67	730
	7:00am	6	81	11	67	17	148	11	103	117	807	128	910	17	184	128	874	145	1,058
	8:00am	6	77	11	54	17	131	10	77	99	693	109	770	16	154	110	747	126	901
	9:00am	5	48	11	62	16	110	3	15	37	230	40	245	8	63	48	292	56	355
	10:00am	5	63	9	48	14	111	0	0	12	82	12	82	5	63	21	130	26	193
	11:00am	4	47	9	48	13	95	0	0	9	42	9	42	4	47	18	90	22	137
	12:00pm	5	55	7	23	12	78	0	0	8	30	8	30	5	55	15	53	20	108
	1:00pm	2	16	9	45	11	61	0	0	8	31	8	31	2	16	17	76	19	92
	2:00pm	5	73	8	45	13	118	0	0	8	20	8	20	5	73	16	65	21	138
	3:00pm	5	31	12	39	17	70	0	0	7	14	7	14	5	31	19	53	24	84
	4:00pm	6	47	11	22	17	69	0	0	7	13	7	13	6	47	18	35	24	82
	5:00pm	8	45	12	35	20	80	0	0	8	17	8	17	8	45	20	52	28	97
	6:00pm	6	20	10	26	16	46	0	0	6	10	6	10	6	20	16	36	22	56
	7:00pm	5	24	13	23	18	47	0	0	5	3	5	3	5	24	18	26	23	50
	8:00pm	3	5	6	0	9	5	0	0	5	2	5	2	3	5	11	2	14	7
	9:00pm	5	14	0	0	5	14	0	0	4	3	4	3	5	14	4	3	9	17
	10:00pm	4	14	0	0	4	14	0	0	1	0	1	0	4	14	1	0	5	14
	11:00pm	3	7	0	0	3	7	0	0	1	1	1	1	3	7	1	1	4	8
TOTAL	101	958	148	602	249	1,560	31	309	390	2,489	421	2,798	132	1,267	538	3,091	670	4,358	

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
BUS TRANSIT BY ROUTE
QUEENS SECTOR 2020-OUTBOUND

HOURS	ED KOCH QUEENSBORO BRIDGE								QUEENS MIDTOWN TUNNEL				TOTAL								
	NYC Transit (Local)		NYC Transit (Express)		MTA Bus Co (Local)		MTA Bus Co (Express)		TOTAL		MTA Bus Co.		TOTAL		NYC Transit		MTA Bus Co		TOTAL		
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	
III - 10	12:00 am	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0	3	3	3	3	
	1:00am	2	42	0	0	0	0	0	2	42	0	0	0	0	2	42	0	0	2	42	
	2:00am	3	43	0	0	0	0	0	3	43	0	0	0	0	3	43	0	0	3	43	
	3:00am	3	23	0	0	0	0	0	3	23	0	0	0	0	3	23	0	0	3	23	
	4:00am	4	38	0	0	0	0	0	4	38	0	0	0	0	4	38	0	0	4	38	
	5:00am	2	7	0	0	0	0	0	2	7	0	0	0	0	2	7	0	0	2	7	
	6:00am	2	8	0	0	5	13	0	0	7	21	0	0	0	0	2	8	5	13	7	21
	7:00am	5	16	0	0	10	27	0	0	15	43	0	0	0	0	5	16	10	27	15	43
	8:00am	4	10	0	0	10	19	6	9	20	38	0	0	0	0	4	10	16	28	20	38
	9:00am	5	16	0	0	11	30	7	5	23	51	0	0	0	0	5	16	18	35	23	51
	10:00am	5	25	0	0	11	22	8	13	24	60	0	0	0	0	5	25	19	35	24	60
	11:00am	5	30	0	0	9	29	8	16	22	75	0	0	0	0	5	30	17	45	22	75
	12:00pm	5	59	0	0	10	47	8	24	23	130	1	3	1	3	5	59	19	74	24	133
	1:00pm	5	68	0	0	7	39	8	33	20	140	1	4	1	4	5	68	16	76	21	144
	2:00pm	5	73	0	0	9	60	8	53	22	186	2	12	1	5	5	73	19	125	24	198
	3:00pm	6	96	0	0	9	78	11	108	26	282	3	24	2	16	6	96	23	210	29	306
	4:00pm	5	74	7	115	11	100	40	333	63	622	9	71	6	46	12	189	60	504	72	693
	5:00pm	6	102	10	105	12	113	69	501	97	821	16	105	8	66	16	207	97	719	113	926
	6:00pm	6	88	8	78	11	75	58	333	83	574	13	53	7	29	14	166	82	461	96	627
	7:00pm	8	88	5	27	10	65	29	130	52	310	8	25	4	16	13	115	47	220	60	335
	8:00pm	7	49	0	0	11	71	10	49	28	169	1	7	1	7	7	49	22	127	29	176
	9:00pm	5	27	0	0	0	0	7	17	12	44	1	5	1	5	5	27	8	22	13	49
	10:00pm	3	27	0	0	0	0	6	12	9	39	1	2	1	2	3	27	7	14	10	41
	11:00pm	3	52	0	0	0	0	6	12	9	64	1	3	1	3	3	52	7	15	10	67
TOTAL	104	1,061	30	325	146	788	292	1,651	572	3,825	57	314	34	202	134	1,386	495	2,753	629	4,139	

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
BUS TRANSIT BY ROUTE
NEW JERSEY SECTOR

2020-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	0	0	29	82	29	82
1:00am	0	0	12	47	12	47
2:00am	0	0	6	39	6	39
3:00am	0	0	13	74	13	74
4:00am	0	0	31	636	31	636
5:00am	11	116	209	4,545	220	4,661
6:00am	22	414	404	8,111	426	8,525
7:00am	12	182	566	8,267	578	8,449
8:00am	17	204	530	5,758	547	5,962
9:00am	10	70	275	3,070	285	3,140
10:00am	5	66	148	1,966	153	2,032
11:00am	5	61	118	1,431	123	1,492
12:00pm	2	23	103	1,172	105	1,195
1:00pm	10	132	132	1,739	142	1,871
2:00pm	7	90	203	2,600	210	2,690
3:00pm	13	131	262	2,637	275	2,768
4:00pm	14	139	352	3,485	366	3,624
5:00pm	11	100	340	3,080	351	3,180
6:00pm	4	37	283	2,635	287	2,672
7:00pm	4	32	207	1,650	211	1,682
8:00pm	2	14	122	854	124	868
9:00pm	3	26	98	861	101	887
10:00pm	4	36	75	670	79	706
11:00pm	0	0	56	261	56	261
TOTAL	156	1,873	4,574	55,670	4,730	57,543

2020-OUTBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	17	46	613	47	630
1:00am	2	9	23	135	25	144
2:00am	0	2	8	61	8	63
3:00am	0	2	4	25	4	27
4:00am	1	4	9	31	10	35
5:00am	7	48	83	570	90	618
6:00am	6	41	298	1,975	304	2,016
7:00am	9	60	436	3,010	445	3,070
8:00am	14	105	522	3,917	536	4,022
9:00am	8	50	340	2,131	348	2,181
10:00am	3	21	172	1,435	175	1,456
11:00am	1	8	124	957	125	965
12:00pm	4	43	104	1,126	108	1,169
1:00pm	1	14	112	1,538	113	1,552
2:00pm	5	121	144	2,898	149	3,019
3:00pm	7	113	186	4,192	193	4,305
4:00pm	7	78	323	6,358	330	6,436
5:00pm	11	92	447	7,271	458	7,363
6:00pm	6	83	429	6,163	435	6,246
7:00pm	7	87	281	3,476	288	3,563
8:00pm	8	91	157	1,850	165	1,941
9:00pm	4	35	119	1,115	123	1,150
10:00pm	3	26	83	861	86	887
11:00pm	0	3	68	932	68	935
TOTAL	115	1,153	4,518	52,640	4,633	53,793

Notes:

- See note on page III-0
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ 2015 Continuous Bus Survey -adjusted estimates.
- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts include commuter buses.
- LTHT westbound data are collected using mivision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound and westbound volumes.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR
2020-INBOUND EXPRESS ONLY

III - 12

HOURS	60TH ST SECTOR						BROOKLYN SECTOR				QUEENS SECTOR				N. J. SECTOR		TOTAL ALL SECTORS		
	NYC TRANSIT		MTA BUS CO.		WCDOT		NYC TRANSIT		MTA BUS CO.		NYC TRANSIT		MTA BUS CO.		OTHER OPERATORS		BUSES	PSGRS	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	
III - 12	12:00am	0	0	2	1	0	0	1	2	0	0	0	0	0	29	82	32	85	
	1:00am	1	20	0	0	0	0	2	14	0	0	0	0	0	12	47	15	81	
	2:00am	3	53	0	0	0	0	4	35	0	0	0	0	0	6	39	13	127	
	3:00am	3	47	0	0	0	0	4	61	0	0	0	0	0	13	74	20	182	
	4:00am	4	80	0	0	0	0	9	167	0	0	0	0	0	31	636	44	883	
	5:00am	13	96	13	220	2	28	51	904	2	33	0	0	2	24	220	4,661	303	5,966
	6:00am	17	211	47	649	3	40	98	1,359	11	127	7	114	46	467	426	8,525	655	11,492
	7:00am	23	343	63	609	2	25	138	1,450	20	185	11	103	117	807	578	8,449	952	11,971
	8:00am	14	243	43	348	1	12	125	1,174	23	164	10	77	99	693	547	5,962	862	8,673
	9:00am	10	177	24	191	1	6	50	527	8	55	3	15	37	230	285	3,140	418	4,341
	10:00am	8	158	19	137	0	0	17	182	5	25	0	0	12	82	153	2,032	214	2,616
	11:00am	7	133	17	102	1	3	13	163	2	9	0	0	9	42	123	1,492	172	1,944
	12:00pm	8	163	17	111	0	0	12	126	4	18	0	0	8	30	105	1,195	154	1,643
	1:00pm	9	249	17	139	0	0	12	161	4	19	0	0	8	31	142	1,871	192	2,470
	2:00pm	8	238	17	105	0	0	12	225	3	9	0	0	8	20	210	2,690	258	3,287
	3:00pm	10	266	17	64	0	0	12	159	2	7	0	0	7	14	275	2,768	323	3,278
	4:00pm	11	242	17	63	0	0	12	70	1	3	0	0	7	13	366	3,624	414	4,015
	5:00pm	12	230	16	70	0	0	10	70	0	0	0	0	8	17	351	3,180	397	3,567
	6:00pm	6	145	16	44	0	0	7	40	0	0	0	0	6	10	287	2,672	322	2,911
	7:00pm	6	119	14	32	0	0	4	25	0	0	0	0	5	3	211	1,682	240	1,861
	8:00pm	5	74	12	25	0	0	3	26	0	0	0	0	5	2	124	868	149	995
	9:00pm	4	44	12	33	0	0	3	27	0	0	0	0	4	3	101	887	124	994
	10:00pm	1	3	12	42	0	0	4	27	0	0	0	0	1	0	79	706	97	778
	11:00pm	0	0	11	13	0	0	1	5	0	0	0	0	1	1	56	261	69	280
TOTAL	183	3,334	406	2,998	10	114	604	6,999	85	654	31	309	390	2,489	4,730	57,543	6,439	74,440	

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Lincoln and Holland Tunnels (NJ Sector) counts include all buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ 2015 Continuous Bus Survey -adjusted estimates.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR
2020-OUTBOUND EXPRESS ONLY

HOURS	60TH ST SECTOR						BROOKLYN SECTOR				QUEENS SECTOR				N. J. SECTOR		TOTAL ALL SECTORS		
	NYC TRANSIT		MTA BUS CO.		WC DOT		NYC TRANSIT		MTA BUS CO.		NYC TRANSIT		MTA BUS CO.		OTHER OPERATORS				
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	
III - 13	12:00am	0	0	0	0	0	5	39	2	8	0	0	3	3	47	630	57	680	
	1:00am	4	52	0	0	0	3	23	0	0	0	0	0	0	25	144	32	219	
	2:00am	3	31	0	0	0	4	18	0	0	0	0	0	0	8	63	15	112	
	3:00am	3	39	0	0	0	4	24	0	0	0	0	0	0	4	27	11	90	
	4:00am	3	22	0	0	0	3	23	0	0	0	0	0	0	10	35	16	80	
	5:00am	2	22	0	0	0	2	5	0	0	0	0	0	0	90	618	94	645	
	6:00am	7	226	2	6	0	0	1	15	0	0	0	0	0	304	2,016	314	2,263	
	7:00am	11	303	13	41	0	0	2	43	0	0	0	0	0	445	3,070	471	3,457	
	8:00am	19	317	19	28	0	0	3	67	0	0	0	0	6	536	4,022	583	4,443	
	9:00am	17	224	13	14	0	0	6	60	0	0	0	0	7	348	2,181	391	2,484	
	10:00am	10	150	16	33	0	0	6	54	0	0	0	0	8	175	1,456	215	1,706	
	11:00am	9	161	19	34	0	0	9	85	2	4	0	0	8	125	965	172	1,265	
	12:00pm	8	175	16	52	0	0	9	111	4	9	0	0	9	108	1,169	154	1,543	
	1:00pm	8	180	15	54	1	6	11	198	4	11	0	0	9	113	1,552	161	2,038	
	2:00pm	6	152	18	95	0	0	24	481	5	28	0	0	10	149	3,019	212	3,840	
	3:00pm	9	276	24	175	1	16	54	833	8	68	0	0	14	193	4,305	303	5,805	
	4:00pm	10	291	36	287	2	29	87	1,262	14	129	7	115	49	404	330	6,436	535	8,953
	5:00pm	11	335	56	357	2	22	128	1,374	20	150	10	105	85	606	458	7,363	770	10,312
	6:00pm	12	272	41	252	2	17	97	870	16	88	8	78	71	386	435	6,246	682	8,209
	7:00pm	10	177	35	182	1	8	47	414	8	43	5	27	37	155	288	3,563	431	4,569
	8:00pm	6	93	21	108	1	4	26	250	7	33	0	0	11	56	165	1,941	237	2,485
	9:00pm	5	74	0	0	0	0	19	162	3	14	0	0	8	22	123	1,150	158	1,422
	10:00pm	6	32	0	0	0	0	17	158	4	12	0	0	7	14	86	887	120	1,103
	11:00pm	3	14	0	0	0	0	7	112	2	8	0	0	7	15	68	935	87	1,084
TOTAL	182	3,618	344	1,718	10	102	574	6,681	99	605	30	325	349	1,965	4,633	53,793	6,221	68,807	

Notes:

- See note on page III-0
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Lincoln and Holland Tunnels (NJ Sector) counts include all buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ 2015 Continuous Bus Survey -adjusted estimates.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
MTA BUS CO. EXPRESS BUS RIDERSHIP
BY ROUTE - ORIGINAL DATA
2020

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	393	20	150	76	111	36
BM2	369	5	125	76	117	46
BM3	305	16	110	67	90	22
BM4	192	0	91	43	52	6
BM5	278	0	92	58	97	31
BxM1	437	21	189	139	66	22
BxM10	641	19	198	169	192	63
BxM11	429	22	130	126	94	57
BxM18	62	0	38	0	21	3
BxM2	186	0	72	60	41	13
BxM3	216	0	107	58	42	9
BXM4	193	0	77	54	45	17
BxM6	287	0	102	82	67	36
BXM7	910	72	289	274	186	89
BxM8	645	19	222	163	179	62
BxM9	710	68	257	181	140	64
QM1	97	0	59	0	33	5
QM10	76	0	38	8	29	1
QM11	78	0	39	7	31	1
QM12	100	0	61	13	25	1
QM15	641	0	302	123	175	41
QM16	157	0	92	0	63	2
QM17	169	0	90	0	74	5
QM18	106	0	53	8	40	5
QM2	352	0	108	99	101	44
QM20	316	0	141	63	95	17
QM21	99	0	50	8	31	10
QM24	102	0	56	7	38	1
QM25	50	0	34	2	13	1
QM3	40	0	23	0	17	0
QM31	53	0	21	2	30	0
QM32	97	0	50	6	40	1
QM34	70	0	36	3	29	2
QM35	116	0	60	9	43	4
QM36	36	0	21	0	15	0
QM4	229	2	104	52	53	18
QM40	48	0	22	2	22	2
QM42	55	0	34	4	15	2
QM44	50	0	20	8	22	0
QM5	535	20	163	162	146	44
QM6	273	1	101	76	71	24
QM7	119	4	57	24	31	3
QM8	112	0	49	0	57	6
Total	10,429	289	4,133	2,312	2,879	816

Notes:

- See note on page III-0

- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY SECTOR
SUMMARY, 2020-INBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL ALL SECTORS			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 15	12:00am	23	206	1,748	25	210	921	13	127	404	4	30	112	65	573	3,185
	1:00am	21	194	333	23	188	291	9	87	156	3	22	26	56	491	806
	2:00am	20	184	0	24	204	0	7	69	0	3	23	30	54	480	30
	3:00am	22	200	0	28	242	0	11	105	0	3	22	38	64	569	38
	4:00am	20	182	0	25	214	0	7	69	0	3	23	142	55	488	142
	5:00am	43	404	9,497	38	328	9,121	24	234	7,197	6	46	1,016	111	1,012	26,831
	6:00am	71	662	20,374	86	754	23,660	56	547	18,213	25	185	2,942	238	2,148	65,189
	7:00am	102	952	24,458	121	1,058	31,515	72	707	21,600	40	293	4,451	335	3,010	82,024
	8:00am	117	1,092	25,857	157	1,368	33,769	78	762	22,620	44	321	4,952	396	3,543	87,198
	9:00am	92	850	17,413	120	1,050	22,245	61	588	14,597	43	314	3,121	316	2,802	57,376
	10:00am	89	824	13,434	108	948	14,897	54	517	10,519	23	167	1,784	274	2,456	40,634
	11:00am	83	772	11,602	110	974	12,141	56	537	7,096	16	116	1,407	265	2,399	32,246
	12:00pm	90	834	12,185	102	896	10,942	50	476	6,071	16	116	1,226	258	2,322	30,424
	1:00pm	86	798	13,675	105	928	12,541	53	506	7,061	16	116	1,270	260	2,348	34,547
	2:00pm	80	738	16,673	101	894	13,486	52	496	7,845	16	116	1,267	249	2,244	39,271
	3:00pm	92	854	22,235	115	1,014	14,865	60	575	8,716	23	167	1,222	290	2,610	47,038
	4:00pm	117	1,088	24,238	127	1,120	15,397	63	612	8,338	34	248	1,203	341	3,068	49,176
	5:00pm	112	1,034	22,208	132	1,172	15,099	77	752	8,197	42	307	1,363	363	3,265	46,867
	6:00pm	89	826	15,084	123	1,092	11,801	67	646	5,562	41	300	1,295	320	2,864	33,742
	7:00pm	99	914	10,117	111	978	6,956	60	584	3,226	28	205	782	298	2,681	21,081
	8:00pm	82	752	6,159	107	950	4,599	55	538	2,220	23	167	449	267	2,407	13,427
	9:00pm	58	532	4,696	90	786	3,697	44	435	1,780	21	152	377	213	1,905	10,550
	10:00pm	49	452	4,628	72	628	3,928	29	292	1,356	16	116	296	166	1,488	10,208
	11:00pm	34	316	3,037	46	396	2,245	20	202	865	5	37	168	105	951	6,315
TOTAL		1,691	15,660	279,651	2,096	18,392	264,116	1,078	10,463	163,639	494	3,609	30,939	5,359	48,124	738,345

Notes:

- See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY SECTOR
SUMMARY, 2020-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL ALL SECTORS			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 16	12:00am	16	136	2,711	30	254	3,023	16	159	1,617	3	22	277	65	571	7,628
	1:00am	14	124	1,129	28	240	455	10	98	602	3	23	88	55	485	2,274
	2:00am	19	172	0	27	232	0	11	107	0	3	22	46	60	533	46
	3:00am	24	220	0	28	244	0	10	97	0	3	23	36	65	584	36
	4:00am	25	230	0	26	226	0	10	95	0	3	22	34	64	573	34
	5:00am	26	242	3,720	37	330	2,586	13	128	1,529	7	53	223	83	753	8,058
	6:00am	52	474	13,580	84	750	9,480	41	403	5,344	26	192	508	203	1,819	28,912
	7:00am	76	694	21,507	116	1,028	12,097	64	636	6,127	40	293	813	296	2,651	40,544
	8:00am	117	1,078	21,490	135	1,190	11,575	67	655	5,164	45	328	882	364	3,251	39,111
	9:00am	117	1,084	12,567	130	1,136	7,497	73	703	3,541	37	269	602	357	3,192	24,207
	10:00am	91	840	9,370	113	994	6,229	54	514	3,226	21	152	523	279	2,500	19,348
	11:00am	92	858	9,078	107	940	6,693	52	496	3,592	16	116	608	267	2,410	19,971
	12:00pm	84	778	9,378	104	922	7,752	54	518	4,625	16	116	811	258	2,334	22,566
	1:00pm	82	762	11,638	103	912	9,943	53	507	6,319	16	116	1,040	254	2,297	28,940
	2:00pm	84	776	15,497	102	898	14,106	52	495	9,251	17	123	1,489	255	2,292	40,343
	3:00pm	95	878	21,879	103	902	22,044	57	547	16,066	24	175	2,639	279	2,502	62,628
	4:00pm	96	892	24,527	126	1,118	30,098	64	617	20,785	39	286	3,819	325	2,913	79,229
	5:00pm	112	1,054	27,312	145	1,276	32,729	76	746	21,943	43	314	4,970	376	3,390	86,954
	6:00pm	106	994	21,349	124	1,090	26,726	66	644	17,761	41	300	3,968	337	3,028	69,804
	7:00pm	95	882	14,014	120	1,050	16,934	63	615	11,312	28	205	2,397	306	2,752	44,657
	8:00pm	90	834	10,403	105	924	10,892	56	539	7,519	23	167	1,450	274	2,464	30,264
	9:00pm	83	770	7,584	87	750	7,853	50	488	5,045	20	145	971	240	2,153	21,453
	10:00pm	55	510	7,054	69	596	6,366	35	347	3,961	16	116	865	175	1,569	18,246
	11:00pm	41	380	6,431	54	466	6,238	26	259	3,788	5	38	640	126	1,143	17,097
TOTAL	1,692	15,662	272,218	2,103	18,468	251,316	1,073	10,413	159,117	495	3,616	29,699	5,363	48,159	712,350	

Notes:

- See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY SECTOR
MTA NYC TRANSIT SUMMARY, 2020-INBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	23	206	1,748	25	210	921	13	127	404	61	543	3,073
1:00am	21	194	333	23	188	291	9	87	156	53	469	780
2:00am	20	184	0	24	204	0	7	69	0	51	457	0
3:00am	22	200	0	28	242	0	11	105	0	61	547	0
4:00am	20	182	0	25	214	0	7	69	0	52	465	0
5:00am	43	404	9,497	38	328	9,121	24	234	7,197	105	966	25,815
6:00am	71	662	20,374	86	754	23,660	56	547	18,213	213	1,963	62,247
7:00am	102	952	24,458	121	1,058	31,515	72	707	21,600	295	2,717	77,573
8:00am	117	1,092	25,857	157	1,368	33,769	78	762	22,620	352	3,222	82,246
9:00am	92	850	17,413	120	1,050	22,245	61	588	14,597	273	2,488	54,255
10:00am	89	824	13,434	108	948	14,897	54	517	10,519	251	2,289	38,850
11:00am	83	772	11,602	110	974	12,141	56	537	7,096	249	2,283	30,839
12:00pm	90	834	12,185	102	896	10,942	50	476	6,071	242	2,206	29,198
1:00pm	86	798	13,675	105	928	12,541	53	506	7,061	244	2,232	33,277
2:00pm	80	738	16,673	101	894	13,486	52	496	7,845	233	2,128	38,004
3:00pm	92	854	22,235	115	1,014	14,865	60	575	8,716	267	2,443	45,816
4:00pm	117	1,088	24,238	127	1,120	15,397	63	612	8,338	307	2,820	47,973
5:00pm	112	1,034	22,208	132	1,172	15,099	77	752	8,197	321	2,958	45,504
6:00pm	89	826	15,084	123	1,092	11,801	67	646	5,562	279	2,564	32,447
7:00pm	99	914	10,117	111	978	6,956	60	584	3,226	270	2,476	20,299
8:00pm	82	752	6,159	107	950	4,599	55	538	2,220	244	2,240	12,978
9:00pm	58	532	4,696	90	786	3,697	44	435	1,780	192	1,753	10,173
10:00pm	49	452	4,628	72	628	3,928	29	292	1,356	150	1,372	9,912
11:00pm	34	316	3,037	46	396	2,245	20	202	865	100	914	6,147
TOTAL	1,691	15,660	279,651	2,096	18,392	264,116	1,078	10,463	163,639	4,865	44,515	707,406

Notes:

- See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY SECTOR
MTA NYC TRANSIT SUMMARY, 2020-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
8 - 18	12:00am	16	136	2,711	30	254	3,023	16	159	1,617	62	549	7,351
	1:00am	14	124	1,129	28	240	455	10	98	602	52	462	2,186
	2:00am	19	172	0	27	232	0	11	107	0	57	511	0
	3:00am	24	220	0	28	244	0	10	97	0	62	561	0
	4:00am	25	230	0	26	226	0	10	95	0	61	551	0
	5:00am	26	242	3,720	37	330	2,586	13	128	1,529	76	700	7,835
	6:00am	52	474	13,580	84	750	9,480	41	403	5,344	177	1,627	28,404
	7:00am	76	694	21,507	116	1,028	12,097	64	636	6,127	256	2,358	39,731
	8:00am	117	1,078	21,490	135	1,190	11,575	67	655	5,164	319	2,923	38,229
	9:00am	117	1,084	12,567	130	1,136	7,497	73	703	3,541	320	2,923	23,605
	10:00am	91	840	9,370	113	994	6,229	54	514	3,226	258	2,348	18,825
	11:00am	92	858	9,078	107	940	6,693	52	496	3,592	251	2,294	19,363
	12:00pm	84	778	9,378	104	922	7,752	54	518	4,625	242	2,218	21,755
	1:00pm	82	762	11,638	103	912	9,943	53	507	6,319	238	2,181	27,900
	2:00pm	84	776	15,497	102	898	14,106	52	495	9,251	238	2,169	38,854
	3:00pm	95	878	21,879	103	902	22,044	57	547	16,066	255	2,327	59,989
	4:00pm	96	892	24,527	126	1,118	30,098	64	617	20,785	286	2,627	75,410
	5:00pm	112	1,054	27,312	145	1,276	32,729	76	746	21,943	333	3,076	81,984
	6:00pm	106	994	21,349	124	1,090	26,726	66	644	17,761	296	2,728	65,836
	7:00pm	95	882	14,014	120	1,050	16,934	63	615	11,312	278	2,547	42,260
	8:00pm	90	834	10,403	105	924	10,892	56	539	7,519	251	2,297	28,814
	9:00pm	83	770	7,584	87	750	7,853	50	488	5,045	220	2,008	20,482
	10:00pm	55	510	7,054	69	596	6,366	35	347	3,961	159	1,453	17,381
	11:00pm	41	380	6,431	54	466	6,238	26	259	3,788	121	1,105	16,457
TOTAL	1,692	15,662	272,218	2,103	18,468	251,316	1,073	10,413	159,117	4,868	44,543	682,651	

Notes:

- See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY LOCATION
60TH STREET SECTOR, 2020-INBOUND

HOURS	LEXINGTON AVE EXPRESS			LEXINGTON AVE LOCAL			2ND AVENUE LOCAL			8TH AVENUE EXPRESS			8TH AVENUE LOCAL			B'WAY/7TH AVE EXPRESS			B'WAY/7TH AVE LOCAL			TOTAL		
	86 ST. - LEXINGTON AVE VIA 4, 5 LINES (Express)			68TH ST./LEXINGTON AVE VIA 4*, 6 LINES (Local)			63RD ST./LEXINGTON AVE VIA Q, W LINES (Local)			125 ST./NICHOLAS ST VIA A*, D LINES (Express)			72 ST./CENT. PK WEST VIA A, B, C LINES (Local)			72 ND ST./BROADWAY VIA 2, 3, LINES (Express)			66TH ST./BROADWAY VIA 1, 2 LINES (Local)			60TH STREET SECTOR		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	1	10	232	2	20	244	3	24	145	4	32	148	5	40	152	4	40	218	4	40	609	23	206	1,748
1:00am	0	0	0	6	60	277	3	24	0	3	24	0	2	16	0	2	20	1	5	50	55	21	194	333
2:00am	0	0	0	5	50	0	1	8	0	4	32	0	3	24	0	6	60	0	1	10	0	20	184	0
3:00am	2	20	0	2	20	0	3	24	0	3	24	0	4	32	0	5	50	0	3	30	0	22	200	0
4:00am	0	0	0	4	40	0	3	24	0	3	24	0	3	24	0	4	40	0	3	30	0	20	182	0
5:00am	7	70	2,928	7	70	1,277	4	32	171	7	56	2,709	2	16	181	10	100	1,286	6	60	945	43	404	9,497
6:00am	19	190	7,353	10	100	2,650	6	48	638	11	88	4,353	7	56	759	12	120	2,728	6	60	1,893	71	662	20,374
7:00am	19	190	6,331	16	160	3,022	8	64	1,253	15	120	6,221	11	88	859	20	200	4,484	13	130	2,288	102	952	24,458
8:00am	22	220	5,536	20	200	3,856	9	72	1,821	19	152	6,291	11	88	1,245	18	180	4,634	18	180	2,474	117	1,092	25,857
9:00am	17	170	2,999	16	160	2,926	8	64	1,333	16	128	4,072	11	88	893	15	150	3,001	9	90	2,189	92	850	17,413
10:00am	16	160	3,687	15	150	1,499	8	64	1,219	14	112	2,736	11	88	718	13	130	2,092	12	120	1,483	89	824	13,434
11:00am	14	140	2,996	15	150	1,362	7	56	1,009	11	88	2,151	11	88	640	14	140	1,990	11	110	1,454	83	772	11,602
12:00pm	16	160	2,759	16	160	1,566	8	64	1,016	14	112	2,734	11	88	790	16	160	2,171	9	90	1,149	90	834	12,185
1:00pm	15	150	3,246	14	140	1,458	6	48	1,103	13	104	2,696	12	96	971	16	160	2,624	10	100	1,577	86	798	13,675
2:00pm	14	140	3,891	15	150	2,222	7	56	1,351	14	112	3,345	10	80	959	10	100	2,519	10	100	2,386	80	738	16,673
3:00pm	18	180	4,021	15	150	3,663	8	64	2,736	14	112	3,644	11	88	1,615	14	140	3,598	12	120	2,958	92	854	22,235
4:00pm	26	260	3,754	19	190	4,814	8	64	2,307	20	160	3,598	13	104	2,165	17	170	4,724	14	140	2,876	117	1,088	24,238
5:00pm	20	200	3,063	16	160	4,818	8	64	2,902	22	176	3,162	13	104	1,670	18	180	4,518	15	150	2,075	112	1,034	22,208
6:00pm	14	140	2,324	15	150	3,037	9	72	2,038	15	120	1,947	8	64	1,259	15	150	2,346	13	130	2,133	89	826	15,084
7:00pm	16	160	1,664	14	140	1,879	9	72	1,344	16	128	1,357	13	104	745	16	160	1,616	15	150	1,512	99	914	10,117
8:00pm	11	110	936	10	100	1,082	8	64	772	15	120	895	11	88	394	13	130	1,248	14	140	832	82	752	6,159
9:00pm	6	60	726	10	100	867	7	56	578	10	80	788	7	56	288	8	80	733	10	100	716	58	532	4,696
10:00pm	6	60	872	8	80	752	6	48	574	7	56	568	6	48	309	8	80	734	8	80	819	49	452	4,628
11:00pm	4	40	467	6	60	631	3	24	284	4	32	287	5	40	291	7	70	500	5	50	577	34	316	3,037
TOTAL	283	2,830	59,785	276	2,760	43,902	150	1,200	24,594	274	2,192	53,702	201	1,608	16,903	281	2,810	47,765	226	2,260	33,000	1,691	15,660	279,651

Notes: - See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.

* Indicates service that changes from express to local during the overnight hours.

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SECTION B
SUBWAY BY LOCATION
60TH STREET SECTOR, 2020-OUTBOUND

III - 20

HOURS	59TH ST./LEXINGTON AVE			LEXINGTON AVE LOCAL			2ND AVENUE LOCAL			8TH AVE EXPR/LOCAL			8TH AVENUE LOCAL			TIMES SQUARE			59TH ST./COLUMBUS			TOTAL		
	VIA 4 EXPRESS & LOCAL* & 5 EXPRESS			59TH ST./LEXINGTON AVE			57TH ST./7TH AVE			59TH ST./COLUMBUS CIR.			59TH ST./COLUMBUS CIR.			EXPRESS			CIRCLE			60TH STREET SECTOR		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	1	10	200	0	0	0	3	24	127	9	72	1,980	0	0	0	2	20	249	1	10	155	16	136	2,711
1:00am	0	0	0	2	20	774	3	24	35	5	40	235	0	0	0	3	30	69	1	10	16	14	124	1,129
2:00am	1	10	0	4	40	0	3	24	0	6	48	0	0	0	0	3	30	0	2	20	0	19	172	0
3:00am	3	30	0	2	20	0	3	24	0	7	56	0	0	0	0	3	30	0	6	60	0	24	220	0
4:00am	3	30	0	2	20	0	4	32	0	6	48	0	0	0	0	3	30	0	7	70	0	25	230	0
5:00am	4	40	895	4	40	708	4	32	347	5	40	658	0	0	0	3	30	50	6	60	1,062	26	242	3,720
6:00am	8	80	2,662	6	60	2,461	7	56	1,952	11	88	1,836	5	40	459	9	90	2,539	6	60	1,671	52	474	13,580
7:00am	14	140	3,871	12	120	4,371	6	48	2,720	17	136	2,783	10	80	1,881	10	100	3,634	7	70	2,247	76	694	21,507
8:00am	22	220	3,817	20	200	4,700	10	80	2,712	23	184	2,237	13	104	1,956	16	160	4,160	13	130	1,908	117	1,078	21,490
9:00am	22	220	2,278	18	180	2,486	8	64	1,534	22	176	1,516	13	104	959	19	190	1,813	15	150	1,981	117	1,084	12,567
10:00am	17	170	1,633	15	150	1,790	8	64	1,245	14	112	1,165	13	104	761	12	120	1,429	12	120	1,347	91	840	9,370
11:00am	17	170	1,832	15	150	1,382	7	56	930	13	104	1,294	11	88	651	17	170	1,750	12	120	1,239	92	858	9,078
12:00pm	16	160	2,163	15	150	1,319	7	56	837	13	104	1,509	11	88	692	12	120	1,504	10	100	1,354	84	778	9,378
1:00pm	16	160	2,727	14	140	1,582	7	56	1,208	12	96	1,918	10	80	736	14	140	1,939	9	90	1,528	82	762	11,638
2:00pm	14	140	3,632	16	160	2,162	7	56	1,220	15	120	3,055	10	80	953	12	120	2,388	10	100	2,087	84	776	15,497
3:00pm	18	180	6,282	15	150	2,818	9	72	1,298	15	120	4,505	12	96	967	15	150	3,691	11	110	2,318	95	878	21,879
4:00pm	19	190	6,863	15	150	3,000	7	56	1,308	15	120	5,368	12	96	1,302	16	160	4,344	12	120	2,342	96	892	24,527
5:00pm	25	250	8,006	20	200	3,544	8	64	1,419	15	120	5,534	10	80	1,395	20	200	4,961	14	140	2,453	112	1,054	27,312
6:00pm	23	230	5,657	16	160	2,257	9	72	1,619	14	112	4,978	10	80	1,038	19	190	3,810	15	150	1,990	106	994	21,349
7:00pm	17	170	3,809	14	140	1,398	9	72	1,087	15	120	3,243	10	80	688	16	160	2,451	14	140	1,338	95	882	14,014
8:00pm	16	160	2,588	12	120	1,117	8	64	570	14	112	2,686	11	88	586	16	160	1,903	13	130	953	90	834	10,403
9:00pm	14	140	1,758	10	100	928	8	64	531	13	104	1,629	9	72	320	15	150	1,516	14	140	902	83	770	7,584
10:00pm	5	50	1,326	10	100	1,337	6	48	437	10	80	1,462	4	32	330	9	90	1,028	11	110	1,134	55	510	7,054
11:00pm	6	60	1,495	7	70	1,120	5	40	229	9	72	1,491	1	8	67	7	70	1,073	6	60	956	41	380	6,431
TOTAL	301	3,010	63,494	264	2,640	41,254	156	1,248	23,365	298	2,384	51,082	175	1,400	15,741	271	2,710	46,301	227	2,270	30,981	1,692	15,662	272,218

Notes:

- See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.

* Indicates service that changes from express to local during the overnight hours.

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SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2020-INBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MANHATTAN BRIDGE		
	BEDFORD AVENUE			MARCY AVENUE			YORK AVENUE			VIA DEKALB AVENUE			VIA PACIFIC STREET		
	L LINE (LOCAL)			J, Z, M LINES (LOCAL)			F LINE (LOCAL)			B,D,N,Q LINES (LOCAL)			D, N LINES (EXPRESS)		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	40	206	3	24	106	5	50	137	6	48	221	0	0	0
1:00am	4	32	24	3	24	4	2	20	1	6	48	112	0	0	0
2:00am	3	24	0	3	24	0	3	30	0	7	56	0	2	16	0
3:00am	3	24	0	3	24	0	3	30	0	6	48	0	0	0	0
4:00am	3	24	0	3	24	0	3	30	0	7	56	0	0	0	0
5:00am	7	56	2,140	6	48	1,055	3	30	612	8	64	2,173	0	0	0
6:00am	9	72	4,007	10	80	2,165	6	60	1,149	13	104	3,872	11	88	3,566
7:00am	14	112	5,157	14	112	2,923	8	80	1,934	16	128	4,809	17	136	5,326
8:00am	20	160	5,699	21	168	3,849	8	80	2,193	20	160	5,308	17	136	4,977
9:00am	18	144	3,788	14	112	2,195	7	70	1,418	14	112	3,516	14	112	3,670
10:00am	15	120	2,568	12	96	1,784	7	70	1,135	15	120	2,364	12	96	2,295
11:00am	15	120	2,085	11	88	1,310	8	80	952	13	104	1,684	11	88	1,652
12:00pm	11	88	1,833	13	104	1,304	8	80	928	13	104	1,601	13	104	1,508
1:00pm	13	104	2,363	11	88	1,292	7	70	1,022	13	104	1,655	12	96	1,560
2:00pm	11	88	2,290	13	104	1,576	8	80	1,157	11	88	1,756	11	88	1,687
3:00pm	12	96	2,682	12	96	1,381	7	70	1,033	15	120	1,964	15	120	1,580
4:00pm	13	104	2,645	18	144	1,630	7	70	1,127	14	112	2,026	15	120	1,803
5:00pm	17	136	2,626	16	128	1,450	8	80	1,355	14	112	1,962	15	120	2,031
6:00pm	17	136	2,328	12	96	1,023	8	80	1,165	16	128	1,652	11	88	1,226
7:00pm	16	128	1,399	13	104	783	7	70	612	25	200	1,419	1	8	52
8:00pm	14	112	852	12	96	421	7	70	326	22	176	979	0	0	0
9:00pm	14	112	743	12	96	268	8	80	250	19	152	766	0	0	0
10:00pm	10	80	781	10	80	270	8	80	280	16	128	600	0	0	0
11:00pm	7	56	536	8	64	262	7	70	159	9	72	383	0	0	0
TOTAL	271	2,168	46,752	253	2,024	27,051	153	1,530	18,945	318	2,544	40,822	177	1,416	32,933

Notes:

- See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2020-INBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			MONTAGUE ST. TUNNEL			JORALEMON ST. TUNNEL			TOTAL			
	VIA HIGH STREET A, C LINES (LOCAL)			VIA CLARK STREET 2,3 LINES (LOCAL)			VIA COURT STREET N, R LINES (LOCAL)			VIA BOROUGH HALL 4, 5 LINES (LOCAL)			BROOKLYN SECTOR			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 22	12:00am	3	24	180	0	0	0	3	24	71	0	0	0	25	210	921
	1:00am	4	32	48	0	0	0	4	32	102	0	0	0	23	188	291
	2:00am	2	16	0	1	10	0	1	8	0	2	20	0	24	204	0
	3:00am	4	32	0	3	30	0	3	24	0	3	30	0	28	242	0
	4:00am	2	16	0	1	10	0	3	24	0	3	30	0	25	214	0
	5:00am	3	24	927	3	30	701	4	36	294	4	40	1,219	38	328	9,121
	6:00am	10	80	3,416	10	100	1,987	6	60	461	11	110	3,037	86	754	23,660
	7:00am	15	120	4,477	11	110	2,757	8	80	607	18	180	3,525	121	1,058	31,515
	8:00am	21	168	4,684	17	170	2,815	12	116	647	21	210	3,597	157	1,368	33,769
	9:00am	15	120	3,390	16	160	1,517	5	50	339	17	170	2,412	120	1,050	22,245
	10:00am	12	96	1,808	12	120	1,051	7	70	255	16	160	1,637	108	948	14,897
	11:00am	13	104	1,988	15	150	835	6	60	181	18	180	1,454	110	974	12,141
	12:00pm	12	96	1,527	13	130	836	5	50	168	14	140	1,237	102	896	10,942
	1:00pm	12	96	1,835	13	130	975	8	80	239	16	160	1,600	105	928	12,541
	2:00pm	12	96	2,008	15	150	967	5	50	158	15	150	1,887	101	894	13,486
	3:00pm	14	112	2,654	15	150	1,164	8	80	344	17	170	2,063	115	1,014	14,865
	4:00pm	15	120	2,511	14	140	1,250	9	90	388	22	220	2,017	127	1,120	15,397
	5:00pm	12	96	1,987	22	220	1,381	7	70	318	21	210	1,989	132	1,172	15,099
	6:00pm	13	104	1,860	18	180	862	7	70	247	21	210	1,438	123	1,092	11,801
	7:00pm	11	88	975	15	150	534	7	70	157	16	160	1,025	111	978	6,956
	8:00pm	12	96	699	16	160	500	7	70	104	17	170	718	107	950	4,599
	9:00pm	12	96	661	11	110	487	6	60	52	8	80	470	90	786	3,697
	10:00pm	10	80	918	7	70	494	5	50	84	6	60	501	72	628	3,928
	11:00pm	4	32	465	1	10	86	6	52	98	4	40	256	46	396	2,245
TOTAL		243	1,944	39,018	249	2,490	21,199	142	1,376	5,314	290	2,900	32,082	2,096	18,392	264,116

Notes:

- See note on page III-0
- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2020-OUTBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MONTAGUE ST.TUNNEL			
	VIA FIRST AVENUE L LINE (LOCAL)			VIA ESSEX STREET J, Z, M LINES (LOCAL)			VIA EAST BROADWAY F LINE (LOCAL)			VIA GRAND ST(B ,D) LOCAL VIA CANAL ST(N,Q) LOCAL			VIA WHITEHALL STREET N*, R LINES			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 23	12:00am	5	40	488	4	32	418	4	40	190	4	32	442	0	0	0
	1:00am	5	40	59	3	24	37	3	30	14	3	24	50	0	0	0
	2:00am	3	24	0	3	24	0	2	20	0	3	24	0	0	0	0
	3:00am	2	16	0	3	24	0	4	40	0	3	24	0	0	0	0
	4:00am	3	24	0	3	24	0	3	30	0	3	24	0	0	0	0
	5:00am	4	32	372	3	24	86	3	30	265	7	56	516	1	10	108
	6:00am	10	80	1,489	10	80	635	7	70	997	8	64	870	5	50	327
	7:00am	13	104	1,896	12	96	929	8	80	1,085	14	112	1,614	8	80	428
	8:00am	18	144	1,651	20	160	1,065	7	70	885	15	120	1,517	10	100	499
	9:00am	19	152	1,231	16	128	577	8	80	791	15	120	1,191	8	80	304
	10:00am	16	128	1,154	12	96	502	7	70	494	14	112	1,021	5	50	94
	11:00am	15	120	1,354	12	96	488	7	70	466	13	104	913	6	60	209
	12:00pm	9	72	1,099	12	96	717	8	80	755	14	112	1,290	7	70	262
	1:00pm	12	96	1,972	12	96	896	8	80	883	13	104	1,549	5	50	185
	2:00pm	11	88	2,619	12	96	1,324	7	70	1,078	12	96	2,041	6	60	306
	3:00pm	13	104	4,775	13	104	2,234	7	70	1,247	14	112	3,801	7	70	649
	4:00pm	13	104	5,748	13	104	2,447	8	80	1,785	15	120	4,781	7	70	606
	5:00pm	15	120	5,696	18	144	3,063	7	70	1,916	16	128	5,698	10	100	622
	6:00pm	18	144	5,124	16	128	2,685	8	80	1,809	15	120	4,593	8	80	477
	7:00pm	16	128	3,425	12	96	1,677	7	70	1,094	17	136	2,795	7	70	258
	8:00pm	15	120	2,203	12	96	1,195	8	80	813	14	112	1,851	6	60	178
	9:00pm	14	112	1,501	12	96	683	8	80	605	12	96	1,331	6	60	135
	10:00pm	12	96	1,295	12	96	589	7	70	425	5	40	849	4	40	146
	11:00pm	8	64	1,272	6	48	668	7	70	391	6	48	833	0	0	0
TOTAL	269	2,152	46,423	251	2,008	22,915	153	1,530	17,988	255	2,040	39,546	116	1,160	5,793	

Notes: - See note on page III-0

- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.

* Indicates service that changes from express to local during the overnight hours.

- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2020-OUTBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			JORALEMON ST. TUNNEL			MANHATTAN BRIDGE			TOTAL		
	VIA BROADWAY/NASSAU			VIA WALL STREET			VIA BOWLING GREEN			VIA GRAND ST (N/Q) EXPRESS			BROOKLYN SECTOR		
	A, C LINES			2, 3 LINES			4, 5 LINES			VIA CANAL ST (N) EXPRESS			TRAINs	CARS	PSGRS
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	4	32	482	1	10	82	2	20	510	6	48	411	30	254	3,023
1:00am	3	24	47	2	20	165	3	30	36	6	48	47	28	240	455
2:00am	3	24	0	4	40	0	2	20	0	7	56	0	27	232	0
3:00am	3	24	0	3	30	0	3	30	0	7	56	0	28	244	0
4:00am	3	24	0	3	30	0	3	30	0	5	40	0	26	226	0
5:00am	3	24	297	7	70	353	6	60	345	3	24	244	37	330	2,586
6:00am	7	56	1,513	11	110	691	16	160	1,800	10	80	1,158	84	750	9,480
7:00am	13	104	1,814	16	160	854	18	180	1,763	14	112	1,714	116	1,028	12,097
8:00am	13	104	1,757	18	180	895	20	200	1,602	14	112	1,704	135	1,190	11,575
9:00am	15	120	1,026	13	130	492	19	190	746	17	136	1,139	130	1,136	7,497
10:00am	15	120	1,049	15	150	600	18	180	605	11	88	710	113	994	6,229
11:00am	11	88	919	14	140	529	15	150	808	14	112	1,007	107	940	6,693
12:00pm	12	96	1,021	15	150	577	15	150	960	12	96	1,071	104	922	7,752
1:00pm	12	96	1,528	16	160	805	15	150	1,002	10	80	1,123	103	912	9,943
2:00pm	13	104	2,295	12	120	889	16	160	1,482	13	104	2,072	102	898	14,106
3:00pm	12	96	2,912	10	100	1,457	15	150	1,837	12	96	3,132	103	902	22,044
4:00pm	16	128	4,698	19	190	2,063	21	210	2,695	14	112	5,275	126	1,118	30,098
5:00pm	20	160	4,826	19	190	2,588	22	220	1,863	18	144	6,457	145	1,276	32,729
6:00pm	14	112	3,492	15	150	1,674	18	180	2,909	12	96	3,963	124	1,090	26,726
7:00pm	14	112	2,245	16	160	1,126	15	150	1,592	16	128	2,722	120	1,050	16,934
8:00pm	11	88	1,383	14	140	802	14	140	1,019	11	88	1,448	105	924	10,892
9:00pm	11	88	1,216	6	60	569	7	70	591	11	88	1,222	87	750	7,853
10:00pm	9	72	947	5	50	381	6	60	580	9	72	1,154	69	596	6,366
11:00pm	6	48	961	5	50	537	5	50	537	11	88	1,039	54	466	6,238
TOTAL	243	1,944	36,428	259	2,590	18,129	294	2,940	25,282	263	2,104	38,812	2,103	18,468	251,316

Notes:

- See note on page III-0

- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.

- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY LOCATION
QUEENS SECTOR, 2020 INBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL			
	VIA QUEENSBORO PLAZA & QUEENS PLAZA			VIA 23RD STREET/ELY AVE			VIA VERNON AVE/JACKSON AVE			VIA 63RD ST/LEXINGTON AVE			QUEENS SECTOR			
	N, Q, R LINES			E, M LINES			7 LINE			F LINE			TRAINs	CARS	PSGRS	
III - 25	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
	12:00am	4	32	84	0	0	0	5	55	241	4	40	79	13	127	404
	1:00am	3	24	120	0	0	0	3	33	23	3	30	13	9	87	156
	2:00am	2	16	0	0	0	0	3	33	0	2	20	0	7	69	0
	3:00am	4	32	0	0	0	0	3	33	0	4	40	0	11	105	0
	4:00am	2	16	0	0	0	0	3	33	0	2	20	0	7	69	0
	5:00am	6	52	1,137	7	66	1,935	6	66	2,664	5	50	1,461	24	234	7,197
	6:00am	17	152	4,345	15	138	5,645	17	187	5,851	7	70	2,372	56	547	18,213
	7:00am	20	176	5,579	19	176	7,461	25	275	6,126	8	80	2,434	72	707	21,600
	8:00am	23	204	6,979	21	192	7,023	26	286	5,720	8	80	2,898	78	762	22,620
	9:00am	20	172	4,096	16	148	4,748	18	198	3,571	7	70	2,182	61	588	14,597
	10:00am	18	156	3,118	16	148	3,396	13	143	1,962	7	70	2,043	54	517	10,519
	11:00am	18	156	2,664	17	158	2,310	13	143	950	8	80	1,172	56	537	7,096
	12:00pm	18	156	2,147	13	118	1,903	12	132	918	7	70	1,103	50	476	6,071
	1:00pm	18	156	2,105	15	138	2,350	12	132	1,101	8	80	1,505	53	506	7,061
	2:00pm	17	146	2,197	16	148	2,537	12	132	1,506	7	70	1,605	52	496	7,845
	3:00pm	22	194	2,619	17	158	2,495	13	143	2,255	8	80	1,347	60	575	8,716
	4:00pm	18	158	2,047	19	176	2,386	18	198	2,159	8	80	1,746	63	612	8,338
	5:00pm	24	212	2,622	20	184	2,315	26	286	2,069	7	70	1,191	77	752	8,197
	6:00pm	20	172	1,736	20	184	1,731	20	220	1,416	7	70	679	67	646	5,562
	7:00pm	18	158	1,038	16	148	866	18	198	815	8	80	507	60	584	3,226
	8:00pm	15	130	575	15	140	761	18	198	535	7	70	349	55	538	2,220
	9:00pm	16	142	650	7	70	428	13	143	441	8	80	261	44	435	1,780
	10:00pm	9	80	493	0	0	0	12	132	598	8	80	265	29	292	1,356
	11:00pm	5	42	289	0	0	0	10	110	394	5	50	182	20	202	865
TOTAL	337	2,934	46,640	269	2,490	50,290	319	3,509	41,315	153	1,530	25,394	1,078	10,463	163,639	

Notes: - See note on page III-0

- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.

- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY LOCATION
QUEENS SECTOR, 2020-OUTBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL			
	VIA LEXINGTON AVE N, R, Q LINES			VIA LEXINGTON AVE E, M LINES			VIA GRAND CENTRAL 7 LINE			VIA 57TH ST/6TH AVE F LINE			QUEENS SECTOR			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 26	12:00am	4	32	333	0	0	0	7	77	759	5	50	525	16	159	1,617
	1:00am	3	24	39	0	0	0	4	44	197	3	30	366	10	98	602
	2:00am	3	24	0	0	0	0	3	33	0	5	50	0	11	107	0
	3:00am	3	24	0	0	0	0	3	33	0	4	40	0	10	97	0
	4:00am	4	32	0	0	0	0	3	33	0	3	30	0	10	95	0
	5:00am	2	16	108	4	38	322	4	44	600	3	30	499	13	128	1,529
	6:00am	10	88	1,134	10	90	1,106	15	165	2,186	6	60	918	41	403	5,344
	7:00am	15	132	1,177	16	148	2,254	26	286	1,861	7	70	835	64	636	6,127
	8:00am	22	190	1,187	13	120	1,341	25	275	1,747	7	70	889	67	655	5,164
	9:00am	23	204	1,011	23	210	1,120	19	209	1,052	8	80	358	73	703	3,541
	10:00am	19	164	936	16	148	1,147	12	132	773	7	70	370	54	514	3,226
	11:00am	17	146	994	16	148	1,434	12	132	779	7	70	385	52	496	3,592
	12:00pm	17	148	1,015	17	158	1,832	12	132	1,078	8	80	700	54	518	4,625
	1:00pm	18	156	1,563	14	128	2,221	13	143	1,470	8	80	1,065	53	507	6,319
	2:00pm	20	174	2,277	13	120	3,146	11	121	2,455	8	80	1,373	52	495	9,251
	3:00pm	18	156	3,495	17	156	5,733	15	165	5,126	7	70	1,712	57	547	16,066
	4:00pm	21	184	4,753	19	176	7,794	17	187	6,643	7	70	1,595	64	617	20,785
	5:00pm	23	202	4,898	18	166	7,491	28	308	7,514	7	70	2,040	76	746	21,943
	6:00pm	18	158	3,877	20	186	6,140	20	220	5,326	8	80	2,418	66	644	17,761
	7:00pm	19	168	2,633	17	158	3,640	19	209	3,262	8	80	1,777	63	615	11,312
	8:00pm	16	138	1,671	18	166	2,931	15	165	2,198	7	70	719	56	539	7,519
	9:00pm	19	168	1,450	11	106	1,403	14	154	1,464	6	60	728	50	488	5,045
	10:00pm	13	114	1134	0	0	0	13	143	2,132	9	90	695	35	347	3,961
	11:00pm	10	90	1361	0	0	0	9	99	1,770	7	70	657	26	259	3,788
TOTAL	337	2,932	37,046	262	2,422	51,055	319	3,509	50,392	155	1,550	20,624	1,073	10,413	159,117	

Notes: - See note on page III-0

- In Fall 2020, subways were closed to passenger service from 1AM-5AM to allow for enhanced cleaning during the height of the COVID-19 pandemic. Some passengers entering the system prior to 1AM.

- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION B
SUBWAY BY LINE
NEW JERSEY SECTOR, 2020-INBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	2	16	53	2	14	59	4	30	112
1:00am	1	8	16	2	14	10	3	22	26
2:00am	2	16	16	1	7	14	3	23	30
3:00am	1	8	11	2	14	27	3	22	38
4:00am	2	16	115	1	7	27	3	23	142
5:00am	4	32	763	2	14	253	6	46	1,016
6:00am	14	108	1,687	11	77	1,255	25	185	2,942
7:00am	20	153	2,465	20	140	1,986	40	293	4,451
8:00am	23	174	2,425	21	147	2,527	44	321	4,952
9:00am	22	167	1,433	21	147	1,688	43	314	3,121
10:00am	11	83	790	12	84	994	23	167	1,784
11:00am	8	60	652	8	56	755	16	116	1,407
12:00pm	8	60	578	8	56	648	16	116	1,226
1:00pm	8	60	626	8	56	644	16	116	1,270
2:00pm	8	60	597	8	56	670	16	116	1,267
3:00pm	11	83	639	12	84	583	23	167	1,222
4:00pm	17	129	544	17	119	659	34	248	1,203
5:00pm	22	167	622	20	140	741	42	307	1,363
6:00pm	21	160	578	20	140	717	41	300	1,295
7:00pm	14	107	340	14	98	442	28	205	782
8:00pm	11	83	196	12	84	253	23	167	449
9:00pm	10	75	205	11	77	172	21	152	377
10:00pm	8	60	148	8	56	148	16	116	296
11:00pm	4	30	69	1	7	99	5	37	168
TOTAL	252	1,915	15,568	242	1,694	15,371	494	3,609	30,939

NEW JERSEY SECTOR, 2019-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	1	8	127	2	14	150	3	22	277
1:00am	2	16	45	1	7	43	3	23	88
2:00am	1	8	15	2	14	31	3	22	46
3:00am	2	16	18	1	7	18	3	23	36
4:00am	1	8	9	2	14	25	3	22	34
5:00am	5	39	149	2	14	74	7	53	223
6:00am	16	122	307	10	70	201	26	192	508
7:00am	20	153	429	20	140	384	40	293	813
8:00am	23	174	486	22	154	396	45	328	882
9:00am	17	129	326	20	140	276	37	269	602
10:00am	10	75	268	11	77	255	21	152	523
11:00am	8	60	269	8	56	339	16	116	608
12:00pm	8	60	385	8	56	426	16	116	811
1:00pm	8	60	541	8	56	499	16	116	1,040
2:00pm	8	60	766	9	63	723	17	123	1,489
3:00pm	12	91	1,414	12	84	1,225	24	175	2,639
4:00pm	22	167	2,100	17	119	1,719	39	286	3,819
5:00pm	23	174	2,525	20	140	2,445	43	314	4,970
6:00pm	20	153	1,959	21	147	2,009	41	300	3,968
7:00pm	14	107	1,139	14	98	1,258	28	205	2,397
8:00pm	11	83	693	12	84	757	23	167	1,450
9:00pm	10	75	444	10	70	527	20	145	971
10:00pm	8	60	351	8	56	514	16	116	865
11:00pm	3	24	327	2	14	313	5	38	640
TOTAL	253	1,922	15,092	242	1,694	14,607	495	3,616	29,699

- See note on page III-0
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION C
SUBURBAN AND INTERCITY RAIL, TRANSIT BY SECTOR
SUMMARY, 2020-INBOUND

HOURS	60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	0	0	0	5	54	250	4	33	70	9	87	320
1:00am	0	0	0	4	40	180	4	27	67	8	67	247
2:00am	0	0	0	7	64	312	2	17	16	9	81	328
3:00am	0	0	0	1	8	40	0	0	0	1	8	40
4:00am	0	0	0	4	44	520	0	0	0	4	44	520
5:00am	0	0	0	3	34	1,590	6	53	761	9	87	2,351
6:00am	11	84	2,394	16	158	6,570	11	93	2,488	38	335	11,452
7:00am	15	115	3,330	26	250	5,570	14	123	2,866	55	488	11,766
8:00am	22	166	3,822	36	365	5,843	21	192	3,189	79	723	12,854
9:00am	14	103	2,055	18	167	3,046	14	112	1,704	46	382	6,805
10:00am	6	45	797	11	107	1,533	9	70	928	26	222	3,258
11:00am	7	50	721	9	83	1,054	8	60	610	24	193	2,385
12:00pm	7	50	571	12	103	1,068	4	35	424	23	188	2,063
1:00pm	7	50	486	9	91	996	9	70	859	25	211	2,341
2:00pm	7	51	514	12	106	1,082	7	56	668	26	213	2,264
3:00pm	10	78	548	8	78	882	7	54	611	25	210	2,041
4:00pm	12	89	558	13	121	1,181	9	70	862	34	280	2,601
5:00pm	12	94	512	9	90	881	11	88	756	32	272	2,149
6:00pm	11	87	581	10	99	931	10	81	954	31	267	2,466
7:00pm	12	91	505	12	112	1,049	11	85	716	35	288	2,270
8:00pm	6	47	251	7	76	530	8	63	354	21	186	1,135
9:00pm	6	47	232	7	68	560	8	62	412	21	177	1,204
10:00pm	6	47	180	7	70	583	6	55	354	19	172	1,117
11:00pm	2	10	121	8	76	521	4	28	139	14	114	781
TOTAL	173	1,304	18,178	254	2,464	36,772	187	1,527	19,808	614	5,295	74,758

SUMMARY, 2020-OUTBOUND

HOURS	60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	0	0	0	5	52	380	5	44	204	10	96	584
1:00am	0	0	0	4	40	190	2	16	74	6	56	264
2:00am	0	0	0	3	22	94	0	0	0	3	22	94
3:00am	0	0	0	4	42	160	2	10	72	6	52	232
4:00am	0	0	0	1	8	60	2	17	49	3	25	109
5:00am	3	23	58	4	40	260	5	43	195	12	106	513
6:00am	5	39	229	6	60	589	10	78	474	21	177	1,292
7:00am	12	90	548	7	70	850	12	86	746	31	246	2,144
8:00am	11	84	457	10	100	1,004	10	85	721	31	269	2,182
9:00am	9	69	343	8	78	640	10	83	791	27	230	1,774
10:00am	8	55	430	9	89	694	9	65	407	26	209	1,531
11:00am	7	50	384	11	107	834	8	59	502	26	216	1,720
12:00pm	6	45	435	8	75	873	5	42	468	19	162	1,776
1:00pm	8	55	663	6	64	1,040	7	57	722	21	176	2,425
2:00pm	7	50	965	10	100	3,126	8	66	1,006	25	216	5,097
3:00pm	15	109	2,102	14	136	4,468	10	79	1,837	39	324	8,407
4:00pm	16	123	2,894	20	202	4,670	12	105	2,422	48	430	9,986
5:00pm	23	178	3,696	33	331	5,506	18	148	3,572	74	657	12,774
6:00pm	12	94	2,415	21	205	3,427	17	151	2,838	50	450	8,680
7:00pm	12	92	1,363	14	148	2,054	10	81	1,362	36	321	4,779
8:00pm	7	52	605	9	84	1,118	8	68	849	24	204	2,572
9:00pm	6	47	432	7	66	640	6	54	502	19	167	1,574
10:00pm	7	55	338	9	94	780	6	53	409	22	202	1,527
11:00pm	0	0	0	9	96	760	3	25	128	12	121	888
TOTAL	174	1,310	18,357	232	2,309	34,217	185	1,515	20,350	591	5,134	72,924

SECTION C
SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE
60TH STREET SECTOR, 2020-INBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINs	CARS	PSGRS
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS			
12:00am	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0	0
1:00am	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0	0
2:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00am	5	37	723	3	24	784	3	23	887	0	0	0	11	84	2,394
7:00am	4	30	782	5	40	1,086	6	45	1,462	0	0	0	15	115	3,330
8:00am	6	45	951	8	64	1,372	7	52	1,456	1	5	43	22	166	3,822
9:00am	3	22	432	5	40	854	5	36	725	1	5	44	14	103	2,055
10:00am	2	15	205	2	16	282	2	14	310	0	0	0	6	45	797
11:00am	2	15	165	2	16	221	2	14	281	1	5	54	7	50	721
12:00pm	2	15	140	2	16	175	2	14	215	1	5	41	7	50	571
1:00pm	2	15	117	2	16	159	2	14	184	1	5	26	7	50	486
2:00pm	2	15	130	2	16	180	2	15	181	1	5	23	7	51	514
3:00pm	3	22	127	3	24	204	4	32	217	0	0	0	10	78	548
4:00pm	3	23	92	3	24	172	4	32	179	2	10	115	12	89	558
5:00pm	4	30	135	4	32	172	4	32	205	0	0	0	12	94	512
6:00pm	3	23	110	4	32	213	4	32	258	0	0	0	11	87	581
7:00pm	3	22	80	4	32	133	4	32	188	1	5	104	12	91	505
8:00pm	2	15	65	2	16	70	2	16	116	0	0	0	6	47	251
9:00pm	2	15	52	2	16	65	2	16	115	0	0	0	6	47	232
10:00pm	2	15	38	2	16	64	2	16	78	0	0	0	6	47	180
11:00pm	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	10	121	2	10	121
TOTAL	50	374	4,344	55	440	6,206	57	435	7,057	11	55	571	173	1,304	18,178

60TH STREET SECTOR, 2020-OUTBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINs	CARS	PSGRS
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS			
12:00am	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0	0
1:00am	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0	0
2:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00am	0	0	0	2	16	39	1	7	19	0	0	0	3	23	58
6:00am	2	15	95	1	8	32	2	16	102	0	0	0	5	39	229
7:00am	3	23	106	4	32	212	4	30	201	1	5	29	12	90	548
8:00am	3	23	92	4	32	148	4	29	217	0	0	0	11	84	457
9:00am	3	23	84	3	24	120	3	22	139	0	0	0	9	69	343
10:00am	2	15	77	2	16	100	2	14	137	2	10	116	8	55	430
11:00am	2	15	95	2	16	119	2	14	138	1	5	32	7	50	384
12:00pm	2	15	118	2	16	136	2	14	181	0	0	0	6	45	435
1:00pm	2	15	165	2	16	203	2	14	233	2	10	62	8	55	663
2:00pm	2	15	285	2	16	312	2	14	315	1	5	53	7	50	965
3:00pm	4	29	551	5	40	777	5	36	678	1	4	96	15	109	2,102
4:00pm	4	30	777	5	40	859	6	48	1,187	1	5	71	16	123	2,894
5:00pm	6	46	873	8	64	1,386	8	63	1,382	1	5	55	23	178	3,696
6:00pm	4	30	548	4	32	855	4	32	1,012	0	0	0	12	94	2,415
7:00pm	3	23	298	4	32	439	4	32	588	1	5	38	12	92	1,363
8:00pm	2	15	141	2	16	182	2	16	257	1	5	25	7	52	605
9:00pm	2	15	92	2	16	127	2	16	213	0	0	0	6	47	432
10:00pm	2	15	79	3	24	134	2	16	125	0	0	0	7	55	338
11:00pm	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0	0	0	0	0	0
TOTAL	48	362	4,476	57	456	6,180	57	433	7,124	12	59	577	174	1,310	18,357

See note on page III-0

n/a - Data not available

SECTION C
SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
QUEENS SECTOR, 2020-INBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
				N.E. CORRIDOR					
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	5	54	250	0	0	0	5	54	250
1:00am	4	40	180	0	0	0	4	40	180
2:00am	5	54	270	2	10	42	7	64	312
3:00am	1	8	40	0	0	0	1	8	40
4:00am	4	44	520	0	0	0	4	44	520
5:00am	3	34	1,590	0	0	0	3	34	1,590
6:00am	16	158	6,570	0	0	0	16	158	6,570
7:00am	26	250	5,570	0	0	0	26	250	5,570
8:00am	35	360	5,800	1	5	43	36	365	5,843
9:00am	15	150	2,960	3	17	86	18	167	3,046
10:00am	8	90	1,420	3	17	113	11	107	1,533
11:00am	8	78	1,000	1	5	54	9	83	1,054
12:00pm	9	84	930	3	19	138	12	103	1,068
1:00pm	8	86	970	1	5	26	9	91	996
2:00pm	8	84	920	4	22	162	12	106	1,082
3:00pm	7	72	780	1	6	102	8	78	882
4:00pm	10	106	1,020	3	15	161	13	121	1,181
5:00pm	8	84	790	1	6	91	9	90	881
6:00pm	9	94	920	1	5	11	10	99	931
7:00pm	9	96	790	3	16	259	12	112	1,049
8:00pm	7	76	530	0	0	0	7	76	530
9:00pm	7	68	560	0	0	0	7	68	560
10:00pm	6	64	490	1	6	93	7	70	583
11:00pm	6	66	400	2	10	121	8	76	521
TOTAL	224	2,300	35,270	30	164	1,502	254	2,464	36,772

QUEENS SECTOR, 2020-OUTBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
				N.E. CORRIDOR					
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	5	52	380	0	0	0	5	52	380
1:00am	4	40	190	0	0	0	4	40	190
2:00am	1	12	70	2	10	24	3	22	94
3:00am	4	42	160	0	0	0	4	42	160
4:00am	1	8	60	0	0	0	1	8	60
5:00am	4	40	260	0	0	0	4	40	260
6:00am	5	54	550	1	6	39	6	60	589
7:00am	7	70	850	0	0	0	7	70	850
8:00am	9	94	920	1	6	84	10	100	1,004
9:00am	8	78	640	0	0	0	8	78	640
10:00am	8	84	640	1	5	54	9	89	694
11:00am	9	96	740	2	11	94	11	107	834
12:00pm	7	70	820	1	5	53	8	75	873
1:00pm	6	64	1,040	0	0	0	6	64	1,040
2:00pm	8	88	2,990	2	12	136	10	100	3,126
3:00pm	12	124	4,370	2	12	98	14	136	4,468
4:00pm	20	202	4,670	0	0	0	20	202	4,670
5:00pm	30	314	5,350	3	17	156	33	331	5,506
6:00pm	20	200	3,380	1	5	47	21	205	3,427
7:00pm	13	142	2,000	1	6	54	14	148	2,054
8:00pm	7	72	1,090	2	12	28	9	84	1,118
9:00pm	7	66	640	0	0	0	7	66	640
10:00pm	9	94	780	0	0	0	9	94	780
11:00pm	9	96	760	0	0	0	9	96	760
TOTAL	213	2,202	33,350	19	107	867	232	2,309	34,217

SECTION C
SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
NEW JERSEY SECTOR, 2020-INBOUND

HOURS	NJ TRANSIT						AMTRAK			TOTAL		
	NEC / NJCL			MIDTOWN DIRECT			N.E. CORRIDOR					
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	3	24	61	1	9	9	0	0	0	4	33	70
1:00am	2	17	30	0	0	0	2	10	37	4	27	67
2:00am	2	17	16	0	0	0	0	0	0	2	17	16
3:00am	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	0	0	0	0	0	0	0	0	0	0	0	0
5:00am	4	35	664	2	18	97	0	0	0	6	53	761
6:00am	6	54	1,609	4	33	879	1	6	0	11	93	2,488
7:00am	10	89	2,141	4	34	725	0	0	0	14	123	2,866
8:00am	10	101	1,829	8	75	1,180	3	16	180	21	192	3,189
9:00am	9	73	994	4	34	671	1	5	39	14	112	1,704
10:00am	5	38	555	3	26	267	1	6	106	9	70	928
11:00am	2	18	211	3	25	187	3	17	212	8	60	610
12:00pm	2	18	256	2	17	168	0	0	0	4	35	424
1:00pm	4	38	534	2	16	140	3	16	185	9	70	859
2:00pm	3	28	401	2	16	139	2	12	128	7	56	668
3:00pm	3	25	433	2	17	42	2	12	136	7	54	611
4:00pm	5	43	522	2	17	275	2	10	65	9	70	862
5:00pm	4	36	373	4	35	210	3	17	173	11	88	756
6:00pm	6	55	794	2	16	126	2	10	34	10	81	954
7:00pm	6	51	430	3	23	140	2	11	146	11	85	716
8:00pm	4	34	225	2	17	61	2	12	68	8	63	354
9:00pm	3	28	221	2	19	60	3	15	131	8	62	412
10:00pm	4	37	282	2	18	72	0	0	0	6	55	354
11:00pm	1	8	31	2	16	30	1	4	78	4	28	139
TOTAL	98	867	12,612	56	481	5,478	33	179	1,718	187	1,527	19,808

NEW JERSEY SECTOR, 2020-OUTBOUND

HOURS	NJ TRANSIT						AMTRAK			TOTAL		
	NEC / NJCL			MIDTOWN DIRECT			N.E. CORRIDOR					
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	2	17	102	3	27	102	0	0	0	5	44	204
1:00am	2	16	74	0	0	0	0	0	0	2	16	74
2:00am	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	2	10	72	2	10	72
4:00am	2	17	49	0	0	0	0	0	0	2	17	49
5:00am	4	34	146	1	9	49	0	0	0	5	43	195
6:00am	5	41	294	3	27	116	2	10	64	10	78	474
7:00am	5	42	444	3	24	196	4	20	106	12	86	746
8:00am	5	44	457	4	36	233	1	5	31	10	85	721
9:00am	5	47	546	3	24	135	2	12	110	10	83	791
10:00am	2	18	143	3	25	109	4	22	155	9	65	407
11:00am	3	26	304	2	16	94	3	17	104	8	59	502
12:00pm	3	25	351	2	17	117	0	0	0	5	42	468
1:00pm	3	27	414	2	16	160	2	14	148	7	57	722
2:00pm	4	37	803	2	17	52	2	12	151	8	66	1,006
3:00pm	5	44	1,315	2	17	216	3	18	306	10	79	1,837
4:00pm	7	65	1,740	5	40	682	0	0	0	12	105	2,422
5:00pm	9	81	2,211	5	46	1,136	4	21	225	18	148	3,572
6:00pm	8	79	1,673	7	61	954	2	11	211	17	151	2,838
7:00pm	6	51	811	3	24	398	1	6	153	10	81	1,362
8:00pm	5	42	514	3	26	335	0	0	0	8	68	849
9:00pm	4	36	315	2	18	187	0	0	0	6	54	502
10:00pm	3	26	209	3	27	200	0	0	0	6	53	409
11:00pm	2	19	109	1	6	19	0	0	0	3	25	128
TOTAL	94	834	13,024	59	503	5,490	32	178	1,836	185	1,515	20,350

SECTION D
AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR
SUMMARY, 2020-INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	5,538	2,757	1,147	725	10,167
1:00am	3,358	1,876	1,518	550	7,302
2:00am	2,598	1,463	2,146	496	6,703
3:00am	2,530	1,682	2,648	619	7,479
4:00am	3,846	3,247	2,913	1,447	11,453
5:00am	9,950	7,926	4,516	5,540	27,932
6:00am	15,186	12,293	7,775	8,261	43,515
7:00am	17,795	13,261	9,102	8,428	48,586
8:00am	20,238	13,187	9,574	7,999	50,998
9:00am	18,510	12,559	8,072	5,889	45,030
10:00am	16,749	10,835	6,507	4,923	39,014
11:00am	16,254	10,169	5,875	4,779	37,077
12:00pm	16,519	9,951	5,503	4,238	36,211
1:00pm	16,684	10,415	6,089	4,347	37,535
2:00pm	17,333	11,297	6,695	4,482	39,807
3:00pm	18,786	10,557	6,454	4,248	40,045
4:00pm	17,773	9,837	6,892	4,055	38,557
5:00pm	18,150	9,580	6,552	3,648	37,930
6:00pm	17,365	9,040	6,006	3,639	36,050
7:00pm	15,451	8,725	4,993	3,759	32,928
8:00pm	13,227	8,262	3,842	3,149	28,480
9:00pm	11,057	7,296	3,323	2,955	24,631
10:00pm	10,202	6,298	3,133	2,512	22,145
11:00pm	8,745	4,714	2,187	1,415	17,061
TOTAL	313,844	197,227	123,462	92,103	726,636

Notes: - See note on page III-0

- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude small commuter buses.

SECTION D
AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR
SUMMARY, 2020-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	6,129	4,613	2,868	1,614	15,224
1:00am	3,937	2,408	1,564	888	8,797
2:00am	3,434	1,726	1,164	675	6,999
3:00am	3,524	1,335	1,174	683	6,716
4:00am	4,273	1,802	1,524	1,091	8,690
5:00am	7,781	4,575	797	1,999	15,152
6:00am	12,819	8,162	4,541	2,980	28,502
7:00am	16,960	10,058	5,469	3,745	36,232
8:00am	17,954	10,684	5,218	4,169	38,025
9:00am	17,108	10,165	2,398	3,965	33,636
10:00am	16,852	10,249	5,750	4,393	37,244
11:00am	16,562	9,917	6,140	4,798	37,417
12:00pm	17,186	9,993	6,178	5,511	38,868
1:00pm	17,996	10,313	6,497	6,366	41,172
2:00pm	20,147	12,077	7,498	8,299	48,021
3:00pm	20,938	13,281	8,899	8,983	52,101
4:00pm	20,943	14,833	9,825	8,443	54,044
5:00pm	21,039	14,973	9,927	8,503	54,442
6:00pm	20,213	15,053	9,130	8,279	52,675
7:00pm	17,559	12,527	7,331	6,189	43,606
8:00pm	14,128	9,967	6,270	4,728	35,093
9:00pm	11,976	8,598	5,368	3,758	29,700
10:00pm	10,980	7,812	4,700	3,250	26,742
11:00pm	9,489	7,166	4,938	2,535	24,128
TOTAL	329,927	212,287	125,168	105,844	773,226

Notes: - See note on page III-0

- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude small commuter buses.
- LTHT westbound data are collected using miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2020-INBOUND

HOURS	FDR DRIVE	YORK AVE	SECOND AVE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY	TOTAL
12:00am	1,697	90	1,828	317	90	397	155	313	124	527	5,538
1:00am	914	47	1,126	189	49	260	102	232	82	357	3,358
2:00am	635	29	941	158	33	180	82	161	59	320	2,598
3:00am	631	27	956	179	32	152	71	140	46	296	2,530
4:00am	1,227	73	1,262	181	49	211	65	161	53	564	3,846
5:00am	3,675	157	2,111	412	127	507	133	323	130	2,375	9,950
6:00am	5,000	331	1,989	639	450	931	300	552	263	4,731	15,186
7:00am	5,908	349	1,997	865	855	1,290	485	842	540	4,664	17,795
8:00am	6,330	395	2,054	1,006	1,375	1,538	916	1,207	671	4,746	20,238
9:00am	5,589	414	1,807	971	1,348	1,370	948	1,196	734	4,133	18,510
10:00am	5,324	458	1,838	864	1,367	1,139	826	1,137	664	3,132	16,749
11:00am	5,328	496	1,955	885	1,154	1,103	749	1,072	626	2,886	16,254
12:00pm	5,451	530	2,128	876	1,237	1,085	779	1,041	624	2,768	16,519
1:00pm	5,276	505	2,139	899	1,233	1,129	696	1,124	622	3,061	16,684
2:00pm	5,101	578	1,948	900	1,347	1,155	797	1,211	641	3,655	17,333
3:00pm	5,720	640	1,961	899	1,311	1,280	813	1,325	781	4,056	18,786
4:00pm	5,586	702	1,719	953	1,277	1,209	820	1,277	774	3,456	17,773
5:00pm	6,028	645	1,797	1,071	1,317	1,290	779	1,222	735	3,266	18,150
6:00pm	5,726	651	1,855	1,114	1,200	1,237	653	1,140	738	3,051	17,365
7:00pm	5,042	610	2,149	1,014	907	1,143	598	1,026	583	2,379	15,451
8:00pm	4,498	516	2,348	904	649	995	472	803	409	1,633	13,227
9:00pm	3,589	328	2,352	704	430	852	360	704	331	1,407	11,057
10:00pm	3,358	310	2,296	624	338	780	316	590	272	1,318	10,202
11:00pm	2,868	239	2,267	558	219	671	237	499	202	985	8,745
TOTAL	100,501	9,120	44,823	17,182	18,394	21,904	12,152	19,298	10,704	59,766	313,844

- See note on page III-0

- Central Park South and 7th Avenue, open only to authorized vehicles and not general traffic.

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2020-OUTBOUND

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	E. KOCH QUEENS-BORO RAMP	THIRD AVE	PARK AVE	MADISON AVE	EIGHT AVE	BROADWAY	AMSTERDAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	2,433	242	573	548	497	62	355	114	152	301	91	761	6,129
1:00am	1,288	126	384	753	291	40	207	83	104	203	59	399	3,937
2:00am	922	98	300	1,082	225	29	138	79	55	187	30	289	3,434
3:00am	839	104	286	1,306	247	40	136	67	63	168	33	235	3,524
4:00am	1,285	172	382	1,225	303	40	194	74	61	223	50	264	4,273
5:00am	2,707	403	671	1,470	551	108	361	178	110	504	140	578	7,781
6:00am	4,518	601	1,196	1,591	998	305	619	304	234	721	273	1,459	12,819
7:00am	4,942	769	1,667	1,553	1,411	805	1,087	509	397	990	532	2,298	16,960
8:00am	4,363	644	1,698	1,557	1,478	1,271	1,174	779	540	1,050	813	2,587	17,954
9:00am	4,374	506	1,565	1,345	1,413	1,243	1,108	869	545	1,030	772	2,338	17,108
10:00am	4,321	575	1,390	1,357	1,315	1,198	1,090	884	536	1,050	637	2,499	16,852
11:00am	4,364	627	1,216	1,298	1,346	1,120	1,037	845	490	1,039	506	2,674	16,562
12:00pm	4,518	729	1,260	1,247	1,384	1,126	1,105	852	507	1,025	461	2,972	17,186
1:00pm	4,446	786	1,349	1,368	1,374	1,119	1,117	920	504	1,082	485	3,446	17,996
2:00pm	5,046	784	1,464	1,427	1,556	1,318	1,167	958	549	1,202	614	4,062	20,147
3:00pm	5,318	756	1,528	1,450	1,445	1,374	1,253	1,036	612	1,250	884	4,032	20,938
4:00pm	5,215	743	1,645	1,683	1,412	1,413	1,350	1,053	676	1,370	1,112	3,271	20,943
5:00pm	5,200	852	1,647	1,572	1,505	1,557	1,491	1,068	667	1,435	978	3,067	21,039
6:00pm	5,034	745	1,498	1,476	1,537	1,190	1,679	1,059	490	1,224	661	3,620	20,213
7:00pm	4,909	549	1,248	1,339	1,622	732	1,512	771	397	961	387	3,132	17,559
8:00pm	4,798	562	942	1,188	1,164	442	980	473	339	752	220	2,268	14,128
9:00pm	3,913	470	899	1,142	1,014	337	834	414	296	635	174	1,848	11,976
10:00pm	3,509	402	765	1,399	888	246	751	410	222	562	147	1,679	10,980
11:00pm	3,561	385	740	986	745	175	592	250	189	453	0	1,413	9,489
TOTAL	91,823	12,630	26,313	31,362	25,721	17,290	21,337	14,049	8,735	19,417	10,059	51,191	329,927

- See note on page III-0

- Center Drive / East Drive, between the 6th Avenue entrance on Park South and East 72nd Street: open only to authorized vehicles and not general traffic.

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2020-INBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL	
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	HUGH L. CAREY TUNNEL	SECTOR TOTAL	MIDTOWN TUNNEL	ED KOCH QUEENSBORO BRIDGE	SECTOR TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	SECTOR TOTAL		
III - 36	12:00am	1,057	644	947	109	2,757	243	904	1,147	0	725	725	4,629
	1:00am	683	450	676	67	1,876	158	1,360	1,518	0	550	550	3,944
	2:00am	530	366	529	38	1,463	103	2,043	2,146	0	496	496	4,105
	3:00am	601	432	610	39	1,682	126	2,522	2,648	0	619	619	4,949
	4:00am	1,319	670	1,114	144	3,247	327	2,586	2,913	218	1,229	1,447	7,607
	5:00am	2,979	1,562	2,512	873	7,926	1,366	3,150	4,516	2,368	3,172	5,540	17,982
	6:00am	4,241	2,680	2,808	2,564	12,293	2,884	4,891	7,775	3,474	4,787	8,261	28,329
	7:00am	4,268	3,312	2,778	2,903	13,261	3,919	5,183	9,102	3,737	4,691	8,428	30,791
	8:00am	4,075	3,427	2,508	3,177	13,187	4,517	5,057	9,574	3,588	4,411	7,999	30,760
	9:00am	3,850	3,322	2,492	2,895	12,559	4,347	3,725	8,072	2,761	3,128	5,889	26,520
	10:00am	3,362	2,932	2,355	2,186	10,835	3,280	3,227	6,507	2,278	2,645	4,923	22,265
	11:00am	2,842	2,906	2,390	2,031	10,169	2,830	3,045	5,875	2,295	2,484	4,779	20,823
	12:00pm	3,068	2,692	2,371	1,820	9,951	2,479	3,024	5,503	2,018	2,220	4,238	19,692
	1:00pm	3,137	2,778	2,631	1,869	10,415	2,731	3,358	6,089	2,020	2,327	4,347	20,851
	2:00pm	3,759	2,950	2,530	2,058	11,297	3,234	3,461	6,695	2,164	2,318	4,482	22,474
	3:00pm	3,829	2,200	2,604	1,924	10,557	3,087	3,367	6,454	2,159	2,089	4,248	21,259
	4:00pm	3,836	1,865	2,609	1,527	9,837	3,304	3,588	6,892	2,190	1,865	4,055	20,784
	5:00pm	3,768	1,898	2,453	1,461	9,580	2,968	3,584	6,552	1,755	1,893	3,648	19,780
	6:00pm	3,195	1,909	2,466	1,470	9,040	2,633	3,373	6,006	1,546	2,093	3,639	18,685
	7:00pm	2,921	1,970	2,537	1,297	8,725	1,858	3,135	4,993	1,913	1,846	3,759	17,477
	8:00pm	3,088	1,786	2,355	1,033	8,262	1,254	2,588	3,842	1,730	1,419	3,149	15,253
	9:00pm	2,505	1,550	2,244	997	7,296	981	2,342	3,323	1,589	1,366	2,955	13,574
	10:00pm	2,313	1,368	1,902	715	6,298	684	2,449	3,133	1,363	1,149	2,512	11,943
	11:00pm	1,807	1,094	1,400	413	4,714	490	1,697	2,187	5	1,410	1,415	8,316
TOTAL		67,033	46,763	49,821	33,610	197,227	49,803	73,659	123,462	41,171	50,932	92,103	412,792

- See note on page III-0

- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude small commuter buses.

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2020-OUTBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL	
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	HUGH L. CAREY TUNNEL	SECTOR TOTAL	MIDTOWN TUNNEL	ED KOCH QUEENSBORO BRIDGE	SECTOR TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	SECTOR TOTAL		
III - 37	12:00am	2,009	873	1,504	227	4,613	758	2,110	2,868	891	723	1,614	9,095
	1:00am	988	503	818	99	2,408	353	1,211	1,564	530	358	888	4,860
	2:00am	705	389	567	65	1,726	202	962	1,164	394	281	675	3,565
	3:00am	545	326	421	43	1,335	248	926	1,174	446	237	683	3,192
	4:00am	788	379	590	45	1,802	333	1,191	1,524	756	335	1,091	4,417
	5:00am	1,863	1,063	1,521	128	4,575	721	76	797	1,388	611	1,999	7,371
	6:00am	3,532	1,701	2,389	540	8,162	1,277	3,264	4,541	1,874	1,106	2,980	15,683
	7:00am	4,273	2,118	2,780	887	10,058	1,672	3,797	5,469	2,073	1,672	3,745	19,272
	8:00am	4,128	2,383	3,050	1,123	10,684	1,887	3,331	5,218	2,090	2,079	4,169	20,071
	9:00am	4,200	2,190	2,725	1,050	10,165	1,888	510	2,398	2,043	1,922	3,965	16,528
	10:00am	4,090	2,113	2,797	1,249	10,249	2,026	3,724	5,750	2,005	2,388	4,393	20,392
	11:00am	3,976	1,829	2,712	1,400	9,917	2,355	3,785	6,140	2,213	2,585	4,798	20,855
	12:00pm	3,972	1,862	2,734	1,425	9,993	2,412	3,766	6,178	2,369	3,142	5,511	21,682
	1:00pm	3,783	2,074	2,838	1,618	10,313	2,634	3,863	6,497	2,572	3,794	6,366	23,176
	2:00pm	4,295	2,560	3,090	2,132	12,077	2,815	4,683	7,498	2,920	5,379	8,299	27,874
	3:00pm	4,195	3,255	3,189	2,642	13,281	3,290	5,609	8,899	2,849	6,134	8,983	31,163
	4:00pm	4,127	3,926	3,529	3,251	14,833	4,040	5,785	9,825	2,625	5,818	8,443	33,101
	5:00pm	4,129	3,549	3,796	3,499	14,973	3,916	6,011	9,927	2,906	5,597	8,503	33,403
	6:00pm	4,258	3,748	3,821	3,226	15,053	3,654	5,476	9,130	2,844	5,435	8,279	32,462
	7:00pm	3,942	3,033	3,483	2,069	12,527	2,368	4,963	7,331	2,564	3,625	6,189	26,047
	8:00pm	3,888	2,204	2,829	1,046	9,967	1,982	4,288	6,270	2,340	2,388	4,728	20,965
	9:00pm	3,462	1,912	2,490	734	8,598	1,744	3,624	5,368	1,956	1,802	3,758	17,724
	10:00pm	3,093	1,730	2,443	546	7,812	1,311	3,389	4,700	1,782	1,468	3,250	15,762
	11:00pm	2,876	1,428	2,412	450	7,166	1,282	3,656	4,938	1,371	1,164	2,535	14,639
TOTAL		77,117	47,148	58,528	29,494	212,287	45,168	80,000	125,168	45,801	60,043	105,844	443,299

Notes: - See note on page III-0

- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude small commuter buses.

- LTHT westbound data are collected using miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound and westbound volumes.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2020

INBOUND	OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL	HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSY SECTOR	TOTAL
12:00am	4,137	2,306	940	587	7,970	12:00am	4,810	3,388	2,177	1,264	11,639
1:00am	2,512	1,566	1,260	445	5,783	1:00am	3,097	1,765	1,197	701	6,760
2:00am	1,950	1,220	1,793	402	5,365	2:00am	2,719	1,262	900	532	5,413
3:00am	1,901	1,401	2,212	501	6,015	3:00am	2,790	973	901	545	5,209
4:00am	2,906	2,721	2,415	1,166	9,208	4:00am	3,369	1,316	1,168	877	6,730
5:00am	7,665	6,665	3,659	5,134	23,123	5:00am	6,089	3,338	526	1,606	11,559
6:00am	12,486	10,372	6,825	6,901	36,584	6:00am	10,559	5,826	3,094	2,416	21,895
7:00am	14,107	11,378	7,694	6,524	39,703	7:00am	13,818	7,233	3,651	2,902	27,604
8:00am	15,468	11,166	7,833	6,217	40,684	8:00am	14,313	7,690	3,588	3,150	28,741
9:00am	14,143	10,599	6,419	4,649	35,810	9:00am	13,245	7,295	1,574	3,009	25,123
10:00am	12,770	9,037	5,188	3,858	30,853	10:00am	12,966	7,500	4,360	3,328	28,154
11:00am	12,306	8,553	4,706	3,737	29,302	11:00am	12,778	7,319	4,702	3,715	28,514
12:00pm	12,338	8,258	4,372	3,311	28,279	12:00pm	13,156	7,389	4,753	4,210	29,508
1:00pm	12,632	8,626	4,755	3,475	29,488	1:00pm	13,941	7,857	5,073	4,891	31,762
2:00pm	13,385	9,229	5,159	3,545	31,318	2:00pm	15,559	9,168	5,797	6,060	36,584
3:00pm	14,592	9,018	5,011	3,237	31,858	3:00pm	16,069	10,492	6,830	6,699	40,090
4:00pm	13,695	8,357	5,175	3,071	30,298	4:00pm	15,324	11,296	7,518	6,515	40,653
5:00pm	13,610	8,001	5,035	2,908	29,554	5:00pm	15,271	11,329	7,529	6,603	40,732
6:00pm	13,191	7,866	4,588	3,114	28,759	6:00pm	14,946	11,241	6,864	6,280	39,331
7:00pm	11,936	7,573	3,938	2,994	26,441	7:00pm	13,183	9,382	5,553	4,826	32,944
8:00pm	10,023	6,954	3,104	2,505	22,586	8:00pm	10,991	7,364	4,709	3,665	26,729
9:00pm	8,358	6,132	2,695	2,351	19,536	9:00pm	9,313	6,331	4,024	2,927	22,595
10:00pm	7,711	5,293	2,565	1,998	17,567	10:00pm	8,561	5,744	3,557	2,544	20,406
11:00pm	6,583	3,958	1,789	1,146	13,476	11:00pm	7,447	5,277	3,752	1,982	18,458
TOTAL	240,405	166,249	99,130	73,776	579,560	TOTAL	254,314	157,775	93,797	81,247	587,133

Notes: - See note on page III-0

- Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 23, 2019). Thus, there may be some variation in this report and the reports produced by NYC DOT.

- The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.

- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude small commuter buses. LTHT westbound data are collected using miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound and westbound volumes.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2020-INBOUND

HOURS	FDR DRIVE	YORK AVENUE	SECOND AVENUE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HWY	TOTAL
12:00am	1,248	80	1,315	269	66	256	114	237	86	466	4,137
1:00am	672	42	810	160	36	168	75	176	57	316	2,512
2:00am	467	26	677	134	24	116	60	122	41	283	1,950
3:00am	464	24	688	152	23	98	52	106	32	262	1,901
4:00am	902	65	908	153	36	136	48	122	37	499	2,906
5:00am	2,702	140	1,519	349	93	327	98	245	90	2,102	7,665
6:00am	4,000	312	1,507	550	332	588	202	470	181	4,344	12,486
7:00am	4,383	324	1,486	692	692	787	350	682	380	4,331	14,107
8:00am	4,557	351	1,495	790	995	888	658	897	463	4,374	15,468
9:00am	3,964	365	1,368	791	976	828	695	884	487	3,785	14,143
10:00am	3,773	398	1,378	746	964	717	592	829	481	2,892	12,770
11:00am	3,667	442	1,491	741	866	715	562	790	446	2,586	12,306
12:00pm	3,759	465	1,567	719	869	727	572	796	444	2,420	12,338
1:00pm	3,774	438	1,541	776	899	777	526	827	433	2,641	12,632
2:00pm	3,787	536	1,415	787	963	786	570	883	480	3,178	13,385
3:00pm	4,285	545	1,397	853	972	869	624	964	547	3,536	14,592
4:00pm	4,248	595	1,179	856	920	798	620	969	559	2,951	13,695
5:00pm	4,359	591	1,199	915	905	860	573	929	511	2,768	13,610
6:00pm	4,289	574	1,218	914	905	814	518	906	472	2,581	13,191
7:00pm	3,989	561	1,470	852	685	763	451	794	390	1,981	11,936
8:00pm	3,307	461	1,689	766	474	642	347	608	284	1,445	10,023
9:00pm	2,639	293	1,692	597	314	550	265	533	230	1,245	8,358
10:00pm	2,469	277	1,652	529	247	503	232	447	189	1,166	7,711
11:00pm	2,109	213	1,631	473	160	433	174	378	140	872	6,583
TOTAL	73,813	8,118	32,292	14,564	13,416	14,146	8,978	14,594	7,460	53,024	240,405

Notes:

- See note on page III-0
- Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 23, 2019). Thus, there may be some variation in this report and the reports produced by NYC DOT.
- The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.
- Central Park South and 7th Avenue traffic data no longer included since these exits/entrances are closed for general traffic.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2020-OUTBOUND

III-40

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	ED KOCH QUEENS-BORO RAMP	THIRD AVE	PARK AVE	MADISON AVE	EIGHT AVE	BROADWAY	AMSTER-DAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	1,978	166	462	453	338	41	245	65	115	228	63	656	4,810
1:00am	1,047	86	310	622	198	26	143	47	79	154	41	344	3,097
2:00am	750	67	242	894	153	19	95	45	42	142	21	249	2,719
3:00am	682	71	231	1,079	168	26	94	38	48	127	23	203	2,790
4:00am	1,045	118	308	1,012	206	26	134	42	46	169	35	228	3,369
5:00am	2,201	276	541	1,215	375	71	249	101	83	382	97	498	6,089
6:00am	3,768	433	980	1,450	739	199	536	217	167	631	176	1,263	10,559
7:00am	4,101	502	1,366	1,434	1,044	509	941	328	292	829	373	2,099	13,818
8:00am	3,633	434	1,343	1,412	1,063	786	1,014	480	380	910	534	2,324	14,313
9:00am	3,425	357	1,233	1,190	1,010	826	895	509	386	863	514	2,037	13,245
10:00am	3,394	399	1,140	1,163	956	788	771	499	406	841	434	2,175	12,966
11:00am	3,500	433	999	1,056	983	768	711	499	398	802	365	2,264	12,778
12:00pm	3,606	485	1,049	1,010	967	797	737	468	390	803	357	2,487	13,156
1:00pm	3,810	534	1,111	1,107	948	792	740	493	391	795	372	2,848	13,941
2:00pm	4,313	528	1,213	1,108	1,023	880	760	554	415	871	434	3,460	15,559
3:00pm	4,428	515	1,267	1,131	972	896	819	575	474	900	628	3,464	16,069
4:00pm	3,951	524	1,256	1,308	920	892	862	579	533	981	741	2,777	15,324
5:00pm	3,997	569	1,261	1,271	907	971	915	580	525	1,001	679	2,595	15,271
6:00pm	4,147	482	1,202	1,160	933	768	994	540	363	829	463	3,065	14,946
7:00pm	4,091	423	1,009	1,062	979	486	848	386	309	654	266	2,670	13,183
8:00pm	3,901	385	760	982	792	291	676	269	257	570	153	1,955	10,991
9:00pm	3,181	322	725	944	690	222	575	235	224	481	121	1,593	9,313
10:00pm	2,853	275	617	1,156	604	162	518	233	168	426	102	1,447	8,561
11:00pm	2,895	264	597	815	507	115	408	142	143	343	0	1,218	7,447
TOTAL	74,697	8,648	21,222	26,034	17,475	11,357	14,680	7,924	6,634	14,732	6,992	43,919	254,314

Notes:

- See note on page III-0

- Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 23, 2019). Thus, there may be some variation in this report and the reports produced by NYC DOT.

- The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.

- Center Drive / East Drive, between the 6th Avenue entrance on Park South and East 72nd Street - traffic data no longer included since these entrances are closed for general traffic.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2020-INBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	HUGH L. CAREY TUNNEL	SECTOR TOTAL	MIDTOWN TUNNEL	ED KOCH QUEENSBORO BRIDGE	SECTOR TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	SECTOR TOTAL	
12:00am	927	519	764	96	2,306	180	760	940	0	587	587	3,833
1:00am	599	363	545	59	1,566	117	1,143	1,260	0	445	445	3,271
2:00am	465	295	427	33	1,220	76	1,717	1,793	0	402	402	3,415
3:00am	527	348	492	34	1,401	93	2,119	2,212	0	501	501	4,114
4:00am	1,157	540	898	126	2,721	242	2,173	2,415	171	995	1,166	6,302
5:00am	2,613	1,260	2,026	766	6,665	1,012	2,647	3,659	2,189	2,945	5,134	15,458
6:00am	3,650	2,105	2,309	2,308	10,372	2,568	4,257	6,825	2,834	4,067	6,901	24,098
7:00am	3,811	2,660	2,275	2,632	11,378	3,199	4,495	7,694	2,673	3,851	6,524	25,596
8:00am	3,453	2,791	2,031	2,891	11,166	3,477	4,356	7,833	2,625	3,592	6,217	25,216
9:00am	3,316	2,699	1,976	2,608	10,599	3,249	3,170	6,419	2,051	2,598	4,649	21,667
10:00am	2,859	2,380	1,875	1,923	9,037	2,453	2,735	5,188	1,695	2,163	3,858	18,083
11:00am	2,588	2,353	1,840	1,772	8,553	2,162	2,544	4,706	1,748	1,989	3,737	16,996
12:00pm	2,627	2,185	1,873	1,573	8,258	1,846	2,526	4,372	1,528	1,783	3,311	15,941
1:00pm	2,714	2,221	2,088	1,603	8,626	1,989	2,766	4,755	1,621	1,854	3,475	16,856
2:00pm	3,218	2,223	1,995	1,793	9,229	2,313	2,846	5,159	1,708	1,837	3,545	17,933
3:00pm	3,324	1,823	2,131	1,740	9,018	2,224	2,787	5,011	1,703	1,534	3,237	17,266
4:00pm	3,279	1,574	2,147	1,357	8,357	2,207	2,968	5,175	1,677	1,394	3,071	16,603
5:00pm	3,164	1,551	2,012	1,274	8,001	2,048	2,987	5,035	1,422	1,486	2,908	15,944
6:00pm	3,023	1,521	2,067	1,255	7,866	1,832	2,756	4,588	1,342	1,772	3,114	15,568
7:00pm	2,732	1,594	2,161	1,086	7,573	1,377	2,561	3,938	1,499	1,495	2,994	14,505
8:00pm	2,709	1,440	1,899	906	6,954	929	2,175	3,104	1,356	1,149	2,505	12,563
9:00pm	2,197	1,250	1,810	875	6,132	727	1,968	2,695	1,245	1,106	2,351	11,178
10:00pm	2,029	1,103	1,534	627	5,293	507	2,058	2,565	1,068	930	1,998	9,856
11:00pm	1,585	882	1,129	362	3,958	363	1,426	1,789	4	1,142	1,146	6,893
TOTAL	58,566	37,680	40,304	29,699	166,249	37,190	61,940	99,130	32,159	41,617	73,776	339,155

Notes: - See note on page III-0

- Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 23, 2019). Thus, there may be some variation in this report and the reports produced by NYC DOT.

- The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.

- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude commuter buses. LTHT westbound data are collected using miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound data.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2020-OUTBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	HUGH L. CAREY TUNNEL	SECTOR TOTAL	MIDTOWN TUNNEL	ED KOCH QUEENSBORO BRIDGE	SECTOR TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	SECTOR TOTAL	
12:00am	1,445	590	1,157	196	3,388	489	1,688	2,177	755	509	1,264	6,829
1:00am	711	340	629	85	1,765	228	969	1,197	449	252	701	3,663
2:00am	507	263	436	56	1,262	130	770	900	334	198	532	2,694
3:00am	392	220	324	37	973	160	741	901	378	167	545	2,419
4:00am	567	256	454	39	1,316	215	953	1,168	641	236	877	3,361
5:00am	1,340	718	1,170	110	3,338	465	61	526	1,176	430	1,606	5,470
6:00am	2,470	1,160	1,699	497	5,826	840	2,254	3,094	1,630	786	2,416	11,336
7:00am	2,957	1,476	1,987	813	7,233	1,061	2,590	3,651	1,742	1,160	2,902	13,786
8:00am	2,859	1,640	2,188	1,003	7,690	1,185	2,403	3,588	1,755	1,395	3,150	14,428
9:00am	2,861	1,477	2,044	913	7,295	1,189	385	1,574	1,677	1,332	3,009	11,878
10:00am	2,868	1,404	2,175	1,053	7,500	1,282	3,078	4,360	1,701	1,627	3,328	15,188
11:00am	2,826	1,231	2,096	1,166	7,319	1,566	3,136	4,702	1,887	1,828	3,715	15,736
12:00pm	2,825	1,247	2,149	1,168	7,389	1,548	3,205	4,753	2,025	2,185	4,210	16,352
1:00pm	2,834	1,395	2,283	1,345	7,857	1,734	3,339	5,073	2,221	2,670	4,891	17,821
2:00pm	3,184	1,692	2,490	1,802	9,168	1,868	3,929	5,797	2,462	3,598	6,060	21,025
3:00pm	3,154	2,327	2,737	2,274	10,492	2,179	4,651	6,830	2,376	4,323	6,699	24,021
4:00pm	3,037	2,644	2,753	2,862	11,296	2,544	4,974	7,518	2,215	4,300	6,515	25,329
5:00pm	3,038	2,436	2,882	2,973	11,329	2,528	5,001	7,529	2,454	4,149	6,603	25,461
6:00pm	3,159	2,456	2,906	2,720	11,241	2,323	4,541	6,864	2,350	3,930	6,280	24,385
7:00pm	3,002	1,938	2,669	1,773	9,382	1,495	4,058	5,553	2,186	2,640	4,826	19,761
8:00pm	2,797	1,489	2,176	902	7,364	1,279	3,430	4,709	1,983	1,682	3,665	15,738
9:00pm	2,491	1,292	1,915	633	6,331	1,125	2,899	4,024	1,658	1,269	2,927	13,282
10:00pm	2,225	1,169	1,879	471	5,744	846	2,711	3,557	1,510	1,034	2,544	11,845
11:00pm	2,069	965	1,855	388	5,277	827	2,925	3,752	1,162	820	1,982	11,011
TOTAL	55,618	31,825	45,053	25,279	157,775	29,106	64,691	93,797	38,727	42,520	81,247	332,819

Notes:

- See note on page III-0
- Volumes for the four East River bridges, and for the 60th Street screenline, are provided by the New York City Department of Transportation (NYC DOT). These volumes are obtained using Automatic Traffic Recorders (ATRs), which record each vehicle as it passes over a pneumatic tube. A total of 40 ATRs are deployed simultaneously during the two-week counting period in October. All ATR machines and tubes are maintained daily. Nevertheless, it is not possible to obtain valid data from all 40 ATRs for any specific continuous 24-hour period. This is due to a number of factors, notably vehicles parked on pneumatic tubes, breakage of pneumatic tubes, ATR damage and battery depletion, unusual circumstances disrupting traffic flow (accidents, fires, police actions, etc.). As a result, it is necessary to use the average of valid data from each individual ATR to develop representative traffic counts at all locations. The Hub Bound report data reported for other facilities is generally collected on a typical fall day (i.e., October 23, 2019). Thus, there may be some variation in this report and the reports produced by NYC DOT.
- The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.
- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude commuter buses. LTHT westbound data are collected using miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound data.

SECTION F
FERRY AND TRAMWAY PASSENGERS BY FACILITY
2020-INBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY (1)	TOTAL FERRIES	ROOSEVELT ISLAND (RI) TRAMWAY	TOTAL FERRIES and RI TRAMWAY
12:00am	0	0	0	80	80	4	84
1:00am	0	0	0	79	79	0	79
2:00am	0	0	0	70	70	0	70
3:00am	0	0	0	238	238	0	238
4:00am	0	0	0	186	186	0	186
5:00am	0	0	53	773	826	6	832
6:00am	8	68	338	1,332	1,746	55	1,801
7:00am	120	387	562	1,556	2,625	113	2,738
8:00am	144	454	678	1,199	2,475	157	2,632
9:00am	146	265	315	636	1,362	123	1,485
10:00am	65	153	119	595	932	77	1,009
11:00am	35	102	101	501	739	53	792
12:00pm	38	111	142	632	923	56	979
1:00pm	32	113	186	582	913	72	985
2:00pm	37	145	256	660	1,098	64	1,162
3:00pm	58	139	153	963	1,313	109	1,422
4:00pm	51	108	187	635	981	79	1,060
5:00pm	82	136	116	541	875	77	952
6:00pm	82	169	87	582	920	89	1,009
7:00pm	72	121	40	418	651	42	693
8:00pm	24	63	27	357	471	27	498
9:00pm	20	53	2	221	296	9	305
10:00pm	10	20	0	229	259	28	287
11:00pm	0	0	0	90	90	12	102
TOTAL	1,024	2,607	3,362	13,155	20,148	1,252	21,400

2020-OUTBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	STATEN ISLAND FERRY (1)	TOTAL FERRIES	ROOSEVELT ISLAND (RI) TRAMWAY	TOTAL FERRIES and RI TRAMWAY
12:00am	0	0	0	281	281	10	291
1:00am	0	0	0	99	99	2	101
2:00am	0	0	0	49	49	0	49
3:00am	0	0	0	87	87	0	87
4:00am	0	0	0	106	106	0	106
5:00am	0	0	0	157	157	1	158
6:00am	9	21	15	602	647	18	665
7:00am	23	41	219	354	637	47	684
8:00am	38	107	157	433	735	45	780
9:00am	38	75	128	340	581	59	640
10:00am	22	54	105	420	601	40	641
11:00am	28	88	102	419	637	48	685
12:00pm	31	86	96	337	550	40	590
1:00pm	46	101	96	615	858	50	908
2:00pm	66	157	148	747	1,118	62	1,180
3:00pm	110	274	194	1,129	1,707	111	1,818
4:00pm	116	357	510	2,012	2,995	125	3,120
5:00pm	187	461	692	1,816	3,156	162	3,318
6:00pm	118	309	534	1,282	2,243	151	2,394
7:00pm	91	206	232	864	1,393	116	1,509
8:00pm	32	102	57	455	646	69	715
9:00pm	14	47	8	487	556	48	604
10:00pm	0	17	4	374	395	28	423
11:00pm	0	0	0	387	387	16	403
TOTAL	969	2,503	3,297	13,852	20,621	1,248	21,869

See note on page III-0
(1) - Excludes bicyclists

SECTION G
BICYCLE VOLUMES BY SECTOR
SUMMARY, 2020

INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	47	14	1	62
1:00am	-	29	2	-	31
2:00am	-	24	3	1	28
3:00am	-	18	14	3	35
4:00am	-	47	30	10	87
5:00am	-	114	131	23	268
6:00am	537	329	285	32	1,183
7:00am	1,047	759	403	42	2,251
8:00am	1,512	1,072	499	29	3,112
9:00am	1,285	984	323	24	2,616
10:00am	1,241	669	356	23	2,289
11:00am	1,572	644	248	14	2,478
12:00pm	1,744	552	193	18	2,507
1:00pm	1,706	521	191	13	2,431
2:00pm	1,680	506	202	21	2,409
3:00pm	1,598	582	232	12	2,424
4:00pm	1,680	554	214	14	2,462
5:00pm	2,284	730	227	14	3,255
6:00pm	2,438	786	253	8	3,485
7:00pm	1,930	545	119	4	2,598
8:00pm	1,327	320	86	5	1,738
9:00pm	902	290	50	6	1,248
10:00pm	612	218	55	2	887
11:00pm	361	180	34	-	575
TOTAL	25,456	10,520	4,164	319	40,459

See note on page III-0

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	152	90	5	247
1:00am	-	54	44	3	101
2:00am	-	32	11	-	43
3:00am	-	19	13	1	33
4:00am	-	8	7	-	15
5:00am	-	39	18	3	60
6:00am	419	102	41	2	564
7:00am	788	180	88	4	1,060
8:00am	904	293	120	8	1,325
9:00am	793	243	64	11	1,111
10:00am	781	242	83	19	1,125
11:00am	1,181	269	87	6	1,543
12:00pm	1,488	338	97	8	1,931
1:00pm	1,461	395	110	9	1,975
2:00pm	1,495	567	213	19	2,294
3:00pm	1,605	737	296	27	2,665
4:00pm	1,741	965	367	27	3,100
5:00pm	2,524	1,303	526	46	4,399
6:00pm	2,750	1,530	486	26	4,792
7:00pm	2,136	1,055	348	17	3,556
8:00pm	1,530	601	207	22	2,360
9:00pm	1,233	600	250	18	2,101
10:00pm	826	705	259	17	1,807
11:00pm	574	496	221	23	1,314
TOTAL	24,229	10,925	4,046	321	39,521

SECTION G
BICYCLE VOLUMES BY FACILITY
60TH STREET SECTOR, 2020-INBOUND

III-45

HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREEN-WAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	4	202	2	18	21	2	48	4	29	51	5	27	3	9	-	112	537
7:00am	2	316	5	25	20	-	96	3	94	97	6	75	5	37	3	263	1,047
8:00am	1	401	5	51	52	2	121	5	119	151	8	112	4	52	2	426	1,512
9:00am	6	387	2	67	33	3	119	5	95	120	8	114	7	31	-	288	1,285
10:00am	5	385	3	84	33	-	121	8	90	102	10	101	13	60	-	226	1,241
11:00am	6	357	7	181	60	7	174	8	105	153	13	207	13	50	-	231	1,572
12:00pm	6	361	10	181	89	5	212	20	137	150	22	242	25	75	-	209	1,744
1:00pm	4	360	11	141	73	1	181	11	140	146	24	273	20	69	1	251	1,706
2:00pm	6	365	6	104	44	-	179	14	121	169	21	259	21	72	-	299	1,680
3:00pm	3	380	7	81	42	6	145	5	111	159	21	226	14	72	4	322	1,598
4:00pm	4	435	7	95	45	3	170	7	142	138	11	215	20	80	1	307	1,680
5:00pm	6	537	12	145	58	3	187	6	160	177	26	315	31	104	5	512	2,284
6:00pm	8	589	9	149	71	1	186	10	169	217	18	388	27	117	6	473	2,438
7:00pm	5	430	9	139	54	3	182	6	137	159	28	342	33	112	-	291	1,930
8:00pm	9	302	9	101	33	3	110	10	97	123	21	289	22	78	1	119	1,327
9:00pm	8	200	13	51	26	-	73	2	82	98	19	181	17	45	3	84	902
10:00pm	4	126	7	37	19	2	49	4	36	110	9	118	15	27	1	48	612
11:00pm	6	80	5	20	4	-	35	6	27	42	10	59	9	21	1	36	361
TOTAL	93	6,213	129	1,670	777	41	2,388	134	1,891	2,362	280	3,543	299	1,111	28	4,497	25,456

- See note on page III-0

- Bicycles travelling on the sidewalk and going against traffic are counted as reverse flow.

SECTION G
BICYCLE VOLUMES BY LOCATION
60TH STREET SECTOR, 2020-OUTBOUND

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HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREEN-WAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	88	-	13	3	6	22	1	83	1	6	85	4	18	3	4	82	419
7:00am	223	4	24	4	17	41	-	101	-	9	127	1	28	2	4	203	788
8:00am	263	3	39	5	23	52	-	120	2	10	167	2	35	6	4	173	904
9:00am	197	5	33	1	17	51	5	116	-	7	147	7	36	6	10	155	793
10:00am	164	10	33	7	17	59	1	96	3	7	138	14	51	6	4	171	781
11:00am	181	8	106	6	50	119	3	183	6	23	212	15	87	7	3	172	1,181
12:00pm	239	20	128	13	60	133	4	241	4	14	274	23	136	11	7	181	1,488
1:00pm	259	16	106	10	50	63	5	246	6	12	300	32	137	5	6	208	1,461
2:00pm	336	13	109	4	46	61	3	224	6	14	294	14	111	11	5	244	1,495
3:00pm	335	12	69	16	28	107	4	244	3	15	280	15	94	9	5	369	1,605
4:00pm	398	15	76	5	34	113	9	248	5	12	269	21	117	14	13	392	1,741
5:00pm	587	25	108	8	58	128	3	354	11	27	412	25	183	16	23	556	2,524
6:00pm	600	28	169	9	47	173	4	382	10	25	416	44	182	14	14	633	2,750
7:00pm	478	37	134	13	47	107	7	241	9	16	415	31	178	15	8	400	2,136
8:00pm	288	27	104	6	27	89	5	206	9	17	341	38	176	14	7	176	1,530
9:00pm	325	20	90	4	29	56	4	135	2	16	245	41	100	9	3	154	1,233
10:00pm	225	12	52	3	14	59	3	88	-	10	138	23	84	2	-	113	826
11:00pm	168	10	29	4	11	32	1	75	9	8	104	20	34	3	2	64	574
TOTAL	5,354	265	1,422	121	581	1,465	62	3,383	86	248	4,364	370	1,787	153	122	4,446	24,229

- See note on page III-0

- Bicycles travelling on the sidewalk and going against traffic are counted as reverse flow.

SECTION G
BICYCLE VOLUMES BY LOCATION
BROOKLYN, QUEENS, and STATEN ISLAND SECTORS, 2020-INBOUND

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	33	3	11	47	14	1	62
1:00am	19	2	8	29	2	0	31
2:00am	16	1	7	24	3	1	28
3:00am	9	5	4	18	14	3	35
4:00am	28	5	14	47	30	10	87
5:00am	61	13	40	114	131	23	268
6:00am	150	57	122	329	285	32	646
7:00am	328	103	328	759	403	42	1,204
8:00am	490	164	418	1,072	499	29	1,600
9:00am	455	131	398	984	323	24	1,331
10:00am	298	87	284	669	356	23	1,048
11:00am	320	77	247	644	248	14	906
12:00pm	289	62	201	552	193	18	763
1:00pm	273	58	190	521	191	13	725
2:00pm	269	56	181	506	202	21	729
3:00pm	290	66	226	582	232	12	826
4:00pm	288	58	208	554	214	14	782
5:00pm	388	76	266	730	227	14	971
6:00pm	414	62	310	786	253	8	1,047
7:00pm	270	56	219	545	119	4	668
8:00pm	156	46	118	320	86	5	411
9:00pm	133	37	120	290	50	6	346
10:00pm	107	25	86	218	55	2	275
11:00pm	124	17	39	180	34	-	214
TOTAL	5,208	1,267	4,045	10,520	4,164	319	15,003

See note on page III-0

SECTION G
BICYCLE VOLUMES BY LOCATION
BROOKLYN, QUEENS, and STATEN ISLAND SECTORS, 2020-OUTBOUND

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	85	16	51	152	90	5	247
1:00am	33	4	17	54	44	3	101
2:00am	18	4	10	32	11	-	43
3:00am	13	1	5	19	13	1	33
4:00am	4	-	4	8	7	-	15
5:00am	22	2	15	39	18	3	60
6:00am	45	15	42	102	41	2	145
7:00am	82	21	77	180	88	4	272
8:00am	144	33	116	293	120	8	421
9:00am	113	30	100	243	64	11	318
10:00am	103	39	100	242	83	19	344
11:00am	115	36	118	269	87	6	362
12:00pm	159	47	132	338	97	8	443
1:00pm	199	51	145	395	110	9	514
2:00pm	265	77	225	567	213	19	799
3:00pm	351	125	261	737	296	27	1,060
4:00pm	416	153	396	965	367	27	1,359
5:00pm	569	198	536	1,303	526	46	1,875
6:00pm	717	194	619	1,530	486	26	2,042
7:00pm	536	146	373	1,055	348	17	1,420
8:00pm	312	76	213	601	207	22	830
9:00pm	295	52	253	600	250	18	868
10:00pm	323	50	332	705	259	17	981
11:00pm	286	50	160	496	221	23	740
TOTAL	5,205	1,420	4,300	10,925	4,046	321	15,292

See note on page III-0

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Appendix IV

List of Data Sources - 2020

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LIST OF DATA SOURCES

The Hub Bound Travel Report measures hourly numbers of persons and vehicles entering and leaving the Manhattan Business District by mode around the clock. The count day is preferably a Wednesday in October, which is considered to be an average day in an average month. This report would not be possible to create without the help of various transportation agencies providing NYMTC with basic travel data.

The number of persons arriving in the Hub by motor vehicles cannot be received by direct count. The amount generated by each type of motor vehicle is determined from special motor vehicle classification and occupancy surveys, with the results affected by vehicle type of entry and departure as well as points of crossing.

Rail Rapid Transit

This information is generated from:

- MTA New York City Transit (MTA NYCT) Automated Fare Collection (AFC) system entry swipes.
- Port Authority Trans Hudson (PATH): turnstile entrance and exit registration.

Bus Transit

This information is generated from:

- MTA New York City Transit: passenger counts (swiping data).
- MTA Bus Company: passenger counts (swiping data).
- Port Authority of New York & New Jersey (PANYNJ): EZ Pass for vehicle volumes, and average vehicle occupancy rates.
- New York City Department of Transportation (NYCDOT): passenger counts (swiping data).
- Westchester County Department of Transportation - Bee Line: passenger counts (swiping data).

Suburban Rail Transit

This information is generated from:

- MTA Long Island Rail Road (MTA LIRR): on-board passenger counts.
- New Jersey Transit Corporation (NJ Transit): passenger counts on the trains.
- MTA Metro-North Railroad Planning Department - exit/entrance counts at Grand Central Terminal.
- National Railroad Passenger Corporation (AMTRAK): fare collection.

Ferry Transit

This information is generated from:

- Staten Island Ferry - NYCDOT Ferry Division: turnstile
- Private ferry ridership – NYCDOT Ferry Division: passenger counts, fare collection.
- Port Authority of NY&NJ - Ferry Transportation: passenger counts, fare collection.
- New York Water Taxi and Circle Line Downtown: passenger counts, fare collection.
- New York Waterway - Information System Support: passenger counts, fare collection.
- Seastreak Ferry: passenger counts, fare collection.
- Liberty Landing Ferry: passenger counts, fare collection.
- NYC Ferry by Hornblower, fare collection.

Aerial Tramway

Roosevelt Island Operating Corporation of the State of New York: turnstile and gate volumes.

Bicycle

NYCDOT: bicycle counts at bridge crossings and 50th Street Screen Lines.

Motor Vehicles

This information is generated from:

- NYCDOT: tube counts across 60th Street and East River non-toll bridges.
- MTA Bridges and Tunnel East River toll facilities.
- Port Authority Hudson River toll facilities.