



Hub Bound Travel Data 2021

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL



Acknowledgements

New York Metropolitan Transportation Council (NYMTC) wishes to thank the following agencies for providing the statistical information for this report and access to data from the agencies' websites:

- Amtrak
- Hornblower NYC Ferry
- Liberty Landing Ferry
- Metropolitan Transportation Authority (MTA) Planning
- MTA Bus Company
- MTA Long Island Rail Road
- MTA Metro-North Railroad
- MTA NYC Transit
- New Jersey Transit
- New York City Department of Transportation (NYC DOT)
- New York Water Taxi
- NY Waterway
- Port Authority of New York & New Jersey (PANYNJ)
- Roosevelt Island Operating Corporation of the State of New York
- Seastreak Ferry
- Staten Island Ferry
- Westchester County Department of Public Works and Transportation

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Hub Bound Travel Data Report 2021 New York Metropolitan Transportation Council

March 2023

Disclaimer

The preparation of this report has been financed through the U.S. Department of Transportation's (USDOT) Federal Transit Administration (FTA) and Federal Highway Administration (FHWA). This document is disseminated under the sponsorship of the New York Metropolitan Transportation Council (NYMTC) in the interest of information exchange. The contents of this report reflect the views of the authors who are responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the FTA, FHWA or the State of New York. This report does not constitute a standard, specification or regulation.

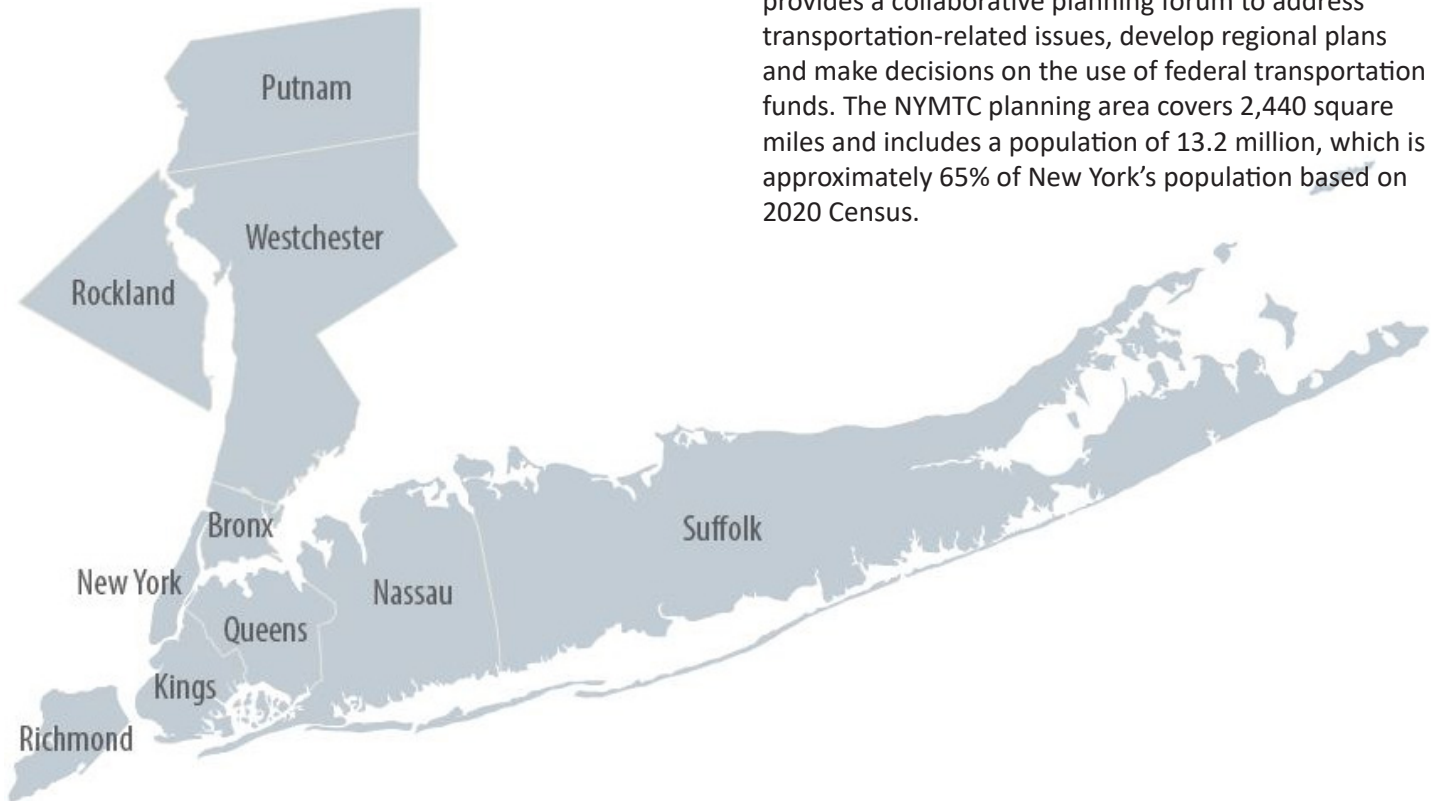
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MANHATTAN CBD CORDON CROSSINGS BY SECTOR

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

CROSSING TYPE	
	BRIDGE/ROAD
	TUNNEL
	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.

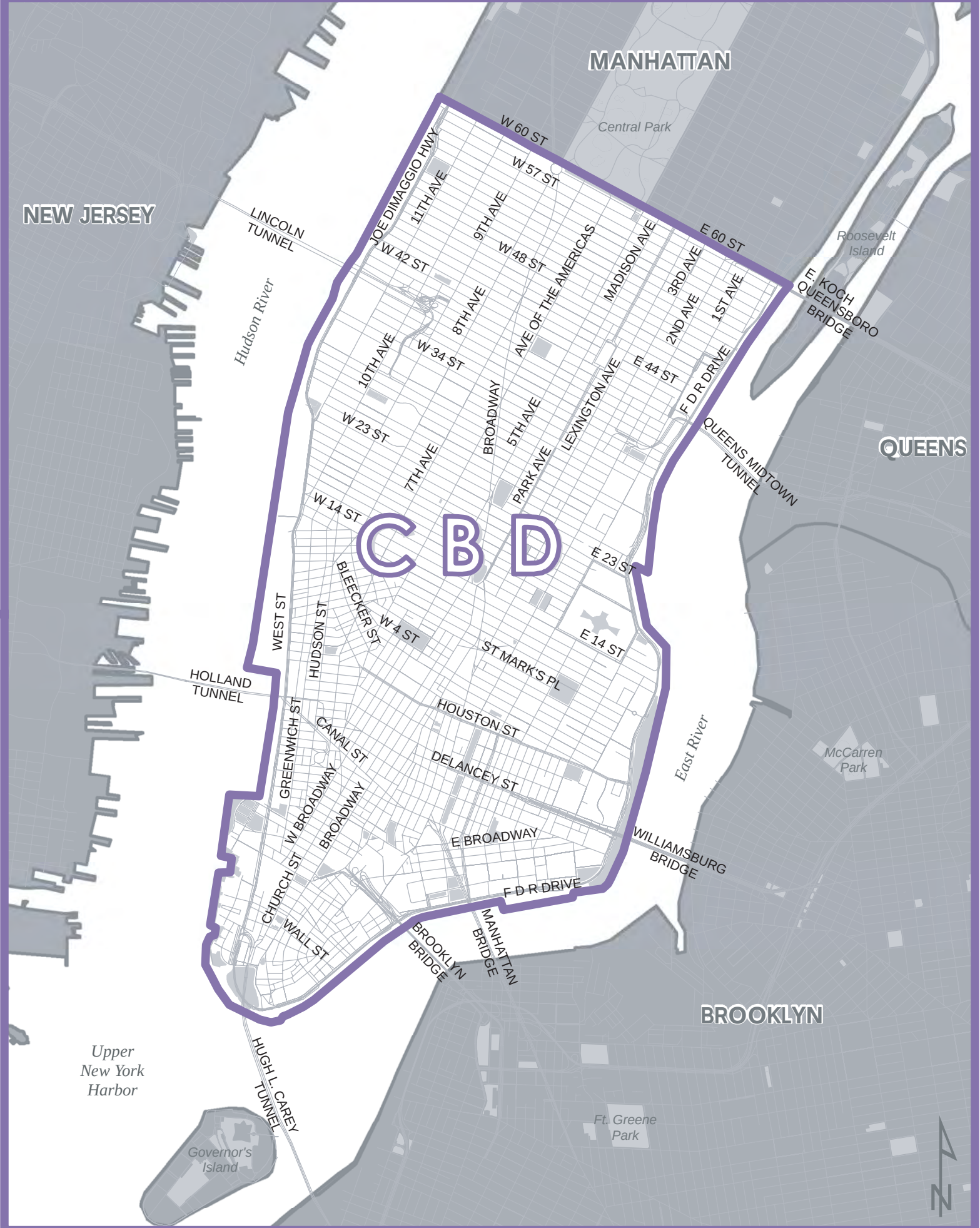
BMT

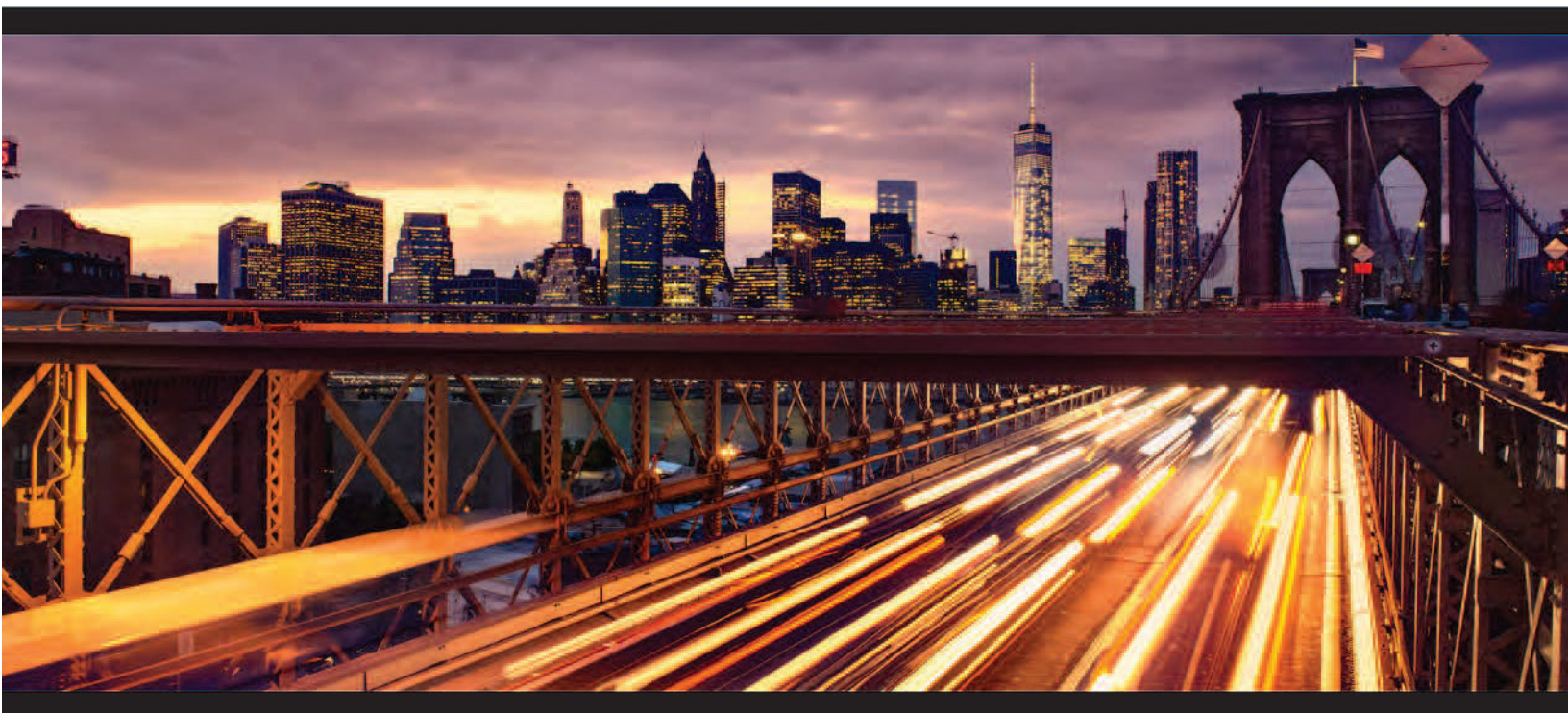
The **Brooklyn–Manhattan Transit Corporation (BMT)** was an urban transit holding company, based in Brooklyn, New York City, United States, and incorporated in 1923. The system was sold to the city in 1940. Today, together with the IND subway system, it forms the B Division of the modern New York City 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 by 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 2021 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 20, 2021. Vehicle and person travels 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 2021 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:

The 2021 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain, but appear to be trending toward pre-pandemic levels.

QUICK REFERENCE DATA

PERSONS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY BY MODE AND SECTOR, IN 2021

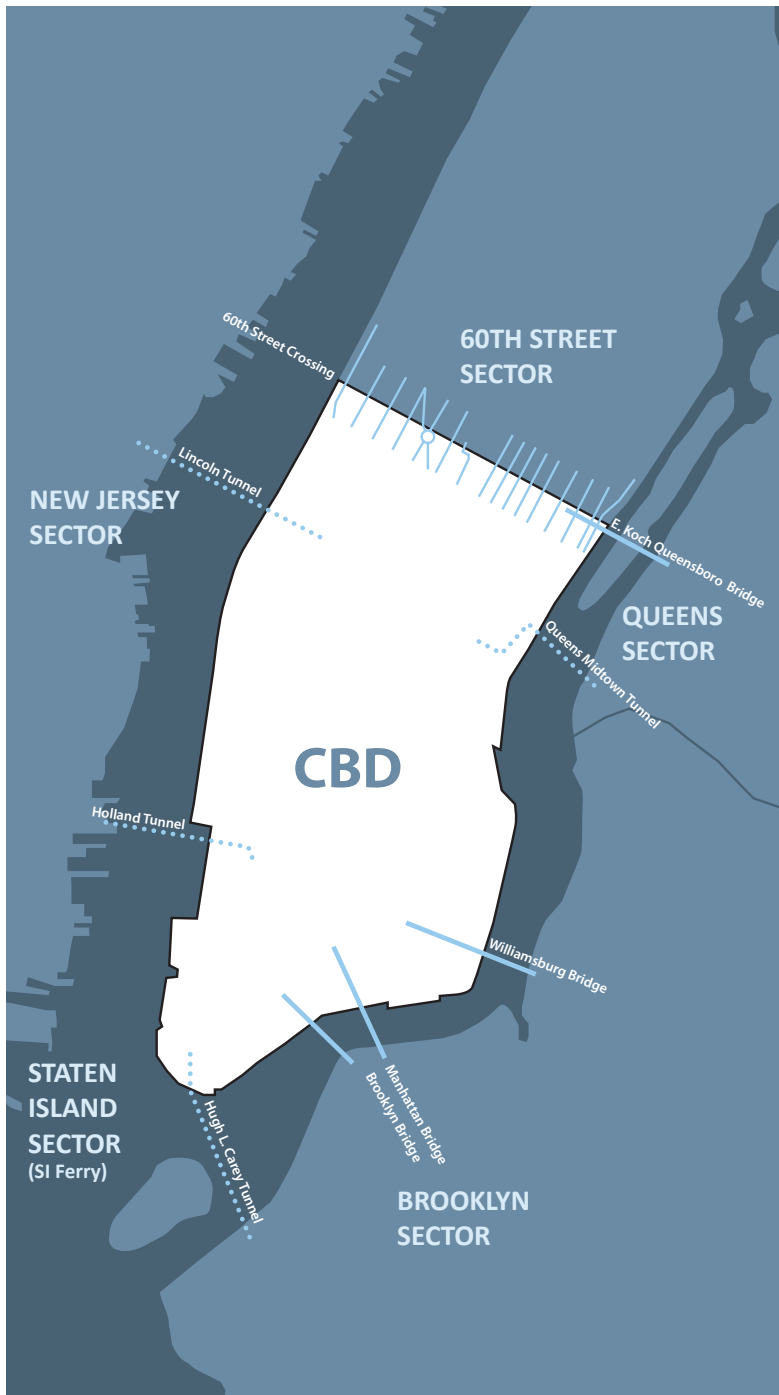
SECTOR / MODE	Entering	Leaving	Total
60TH STREET			
SUBWAY	468,783	454,497	923,280
AUTOS, TAXIS, VANS AND TRUCKS	349,024	328,470	677,494
BUS	22,451	21,727	44,178
SUBURBAN AND INTERCITY RAIL	51,234	48,849	100,083
FERRY	-	-	-
BICYCLE	21,418	19,859	41,277
TOTAL 60TH STREET SECTOR - ALL MODES	912,910	873,402	1,786,312
BROOKLYN			
SUBWAY	450,754	425,048	875,802
AUTOS, TAXIS, VANS AND TRUCKS	189,208	230,189	419,397
BUS	12,450	12,042	24,492
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	1,891	1,646	3,537
BICYCLE	10,016	9,981	19,997
TOTAL BROOKLYN SECTOR - ALL MODES	664,319	678,906	1,343,225
QUEENS (and TRAMWAY)			
SUBWAY	272,284	261,678	533,962
AUTOS, TAXIS, VANS AND TRUCKS	101,642	142,335	243,977
BUS	6,306	5,884	12,190
SUBURBAN AND INTERCITY RAIL	55,619	53,610	109,229
FERRY	4,173	3,887	8,060
BICYCLE	3,385	3,257	6,642
TRAMWAY	2,278	2,409	4,687
TOTAL QUEENS SECTOR - ALL MODES	445,687	473,060	918,747
NEW JERSEY			
SUBWAY/PATH	61,206	58,139	119,345
AUTOS, TAXIS, VANS AND TRUCKS	117,295	116,253	233,548
BUS	95,076	87,057	182,133
SUBURBAN AND INTERCITY RAIL	42,033	42,481	84,514
FERRY	9,238	8,599	17,837
BICYCLE	-	-	-
TOTAL NEW JERSEY SECTOR - ALL MODES	324,848	312,529	637,377
STATEN ISLAND (via FERRY)			
SUBWAY	-	-	-
AUTOS, TAXIS, VANS AND TRUCKS	-	-	-
BUS	-	-	-
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	17,390	17,336	34,726
BICYCLE	263	302	565
TOTAL STATEN ISLAND (via FERRY)	17,653	17,638	35,291
ALL SECTORS			
SUBWAY	1,253,027	1,199,362	2,452,389
AUTOS, TAXIS, VANS AND TRUCKS	757,169	817,247	1,574,416
BUS	136,283	126,710	262,993
SUBURBAN AND INTERCITY RAIL	148,886	144,940	293,826
FERRY	32,692	31,468	64,160
BICYCLE	35,082	33,399	68,481
TRAMWAY	2,278	2,409	4,687
TOTAL ALL SECTORS - ALL MODES	2,365,417	2,355,535	4,720,952

Note: The 2021 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain, but appear to be trending toward pre-pandemic levels.

HIGHLIGHTS

- 1** On a fall business day in 2021, nearly 2.4 million people entered Manhattan's Central Business District (CBD), which is almost 677 thousand people, or 40%, more compared to 2020.
- 2** A total of almost 4.7 million persons entered and left the Manhattan CBD on the survey day in 2021, about 39% (close to 1.3 million people) more than in 2020.
- 3** According to the 2021 Hub Bound data counts, approximately 30% of persons who entered the CBD on the survey day in 2021 did so during the morning peak period, from 7:00 AM to 10:00 AM (Table 3).
- 4** Approximately 3.1 million persons entered and left the CBD using public transportation in 2021 - about 1.3 million, or 70%, more people than those who used public transportation in 2020 (Table 5).
- 5** The total number of people entering and leaving the Hub by autos, taxis, vans and trucks increased by almost 74,600 (to nearly 1.6 million) since 2020 (Table 10).
- 6** About 78% of express bus passengers entering the CBD in 2021 came from west of the Hudson River via the Lincoln and Holland Tunnels, while 22% of all express bus passengers came from other points of entry (Table 9).
- 7** Approximately 43% of all private vehicles (autos, taxis, commuter vans and trucks) entering and leaving the CBD in 2021 did so via the 60th Street Sector (all avenues east and west of Central Park). Brooklyn, Queens and New Jersey sectors accounted for about 27%, 15%, and 15% of the total number of private vehicles, respectively (Table 11).
- 8** Nearly 31% of travelers crossing the CBD boundaries during the morning peak period (7:00 AM - 10:00 AM) traveled counter to the predominant direction of travel. Of these reverse travelers, about 53% traveled by subway. Overall, morning reverse travel increased by almost 34%(Table 12).
- 9** The heaviest hour for travel into the CBD in 2021 was 8:00 AM to 9:00 AM, during which close to 288,500 persons entered the CBD. Nearly 62% of these travelers entered the CBD using the subway system while almost 17% took private vehicles and 11% rode suburban rail (Table 24). The heaviest hour for travel out of the CBD was the evening peak hour of 5:00 PM to 6:00 PM. At this time, about 256,800 persons left the CBD; nearly 58% of these travelers rode the subway, about 19% took a private vehicles, and close to 11% traveled by regional rail (Table 25).
- 10** MTA New York City Transit subways carry 85% of all rail passengers entering and leaving the CBD each day. About 50% 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 50% 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 64,200 on a fall business day in 2021. About 54% of these trips used Staten Island ferry and 28% used New Jersey ferries. The remaining 18% of ferry commuters came from Brooklyn and Queens sectors. The total number of inbound and outbound Roosevelt Island Tramway commuters was near 4,700 on a fall business day in 2021. (Table on page III-43)
- 12** Approximately 1.5% (or nearly 68,500) of persons entering and leaving the hub on a fall business day in 2021 used bicycles. This total has decreased by about 11,500 cyclists since 2020. Most bicyclists (60%) entering and leaving the hub on bicycles came from the north of 60th St, while 29%, 10%, and 1% of all cyclists came from Brooklyn, Queens and Staten Island sectors, respectively. (Table on page III-44)

The 2021 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain, but appear to be trending toward pre-pandemic levels.



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 2021.
- 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.

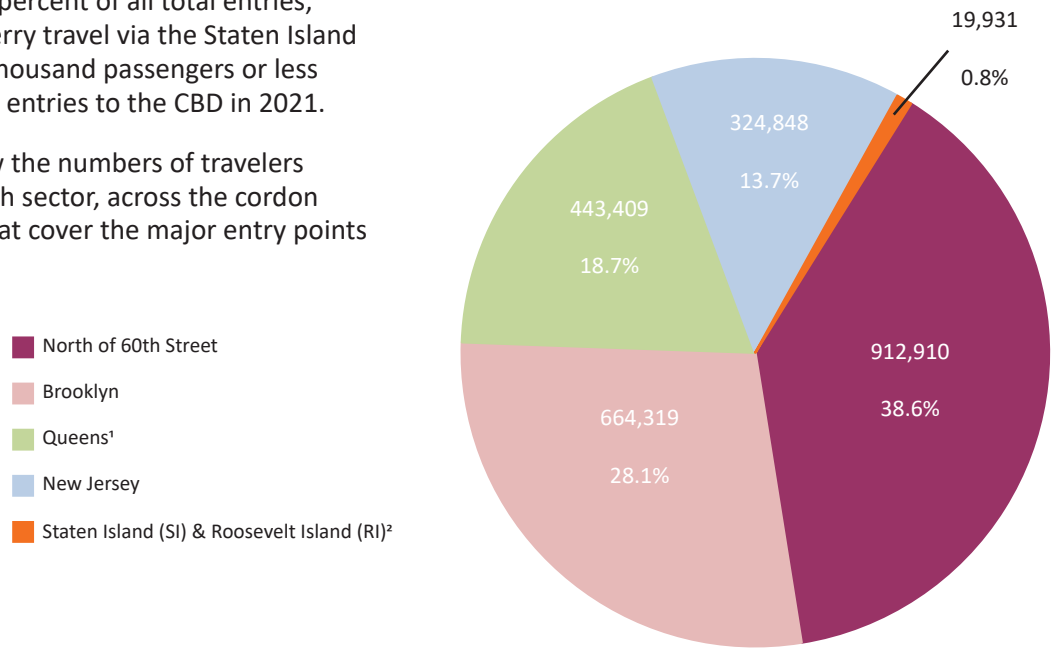
The Staten Island Sector enters the Manhattan CBD via the Staten Island Ferry service and is considered a separate, clearly defined sector not encompassed in the above other four sectors. (CBD map, page ii)

CORDON CROSSINGS

In 2021, almost 38.6 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 28.1, 18.7 and 13.7 percent of all total entries, respectively. Hub bound ferry travel via the Staten Island Sector reached about 18 thousand passengers or less than 1 percent of the total entries to the CBD in 2021.

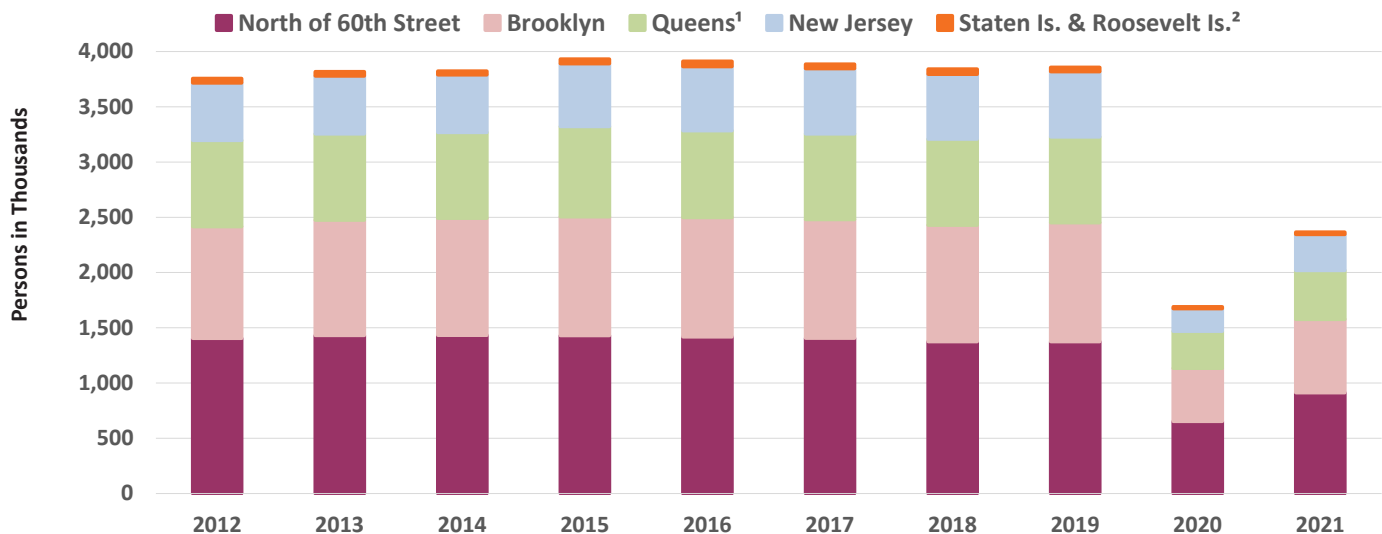
Figure 1 and Figure 2 show the numbers of travelers entering the Hub from each sector, across the cordon lines (CBD map, page ii) that cover the major entry points into the CBD.

FIGURE 1
TOTAL NUMBER OF PEOPLE ENTERING THE HUB ON A FALL BUSINESS DAY BY SECTOR, IN 2021



1. Queens Sector counts exclude Roosevelt Island Tram.
2. Includes only Staten Island Ferry and Roosevelt Island Tramway passengers.

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



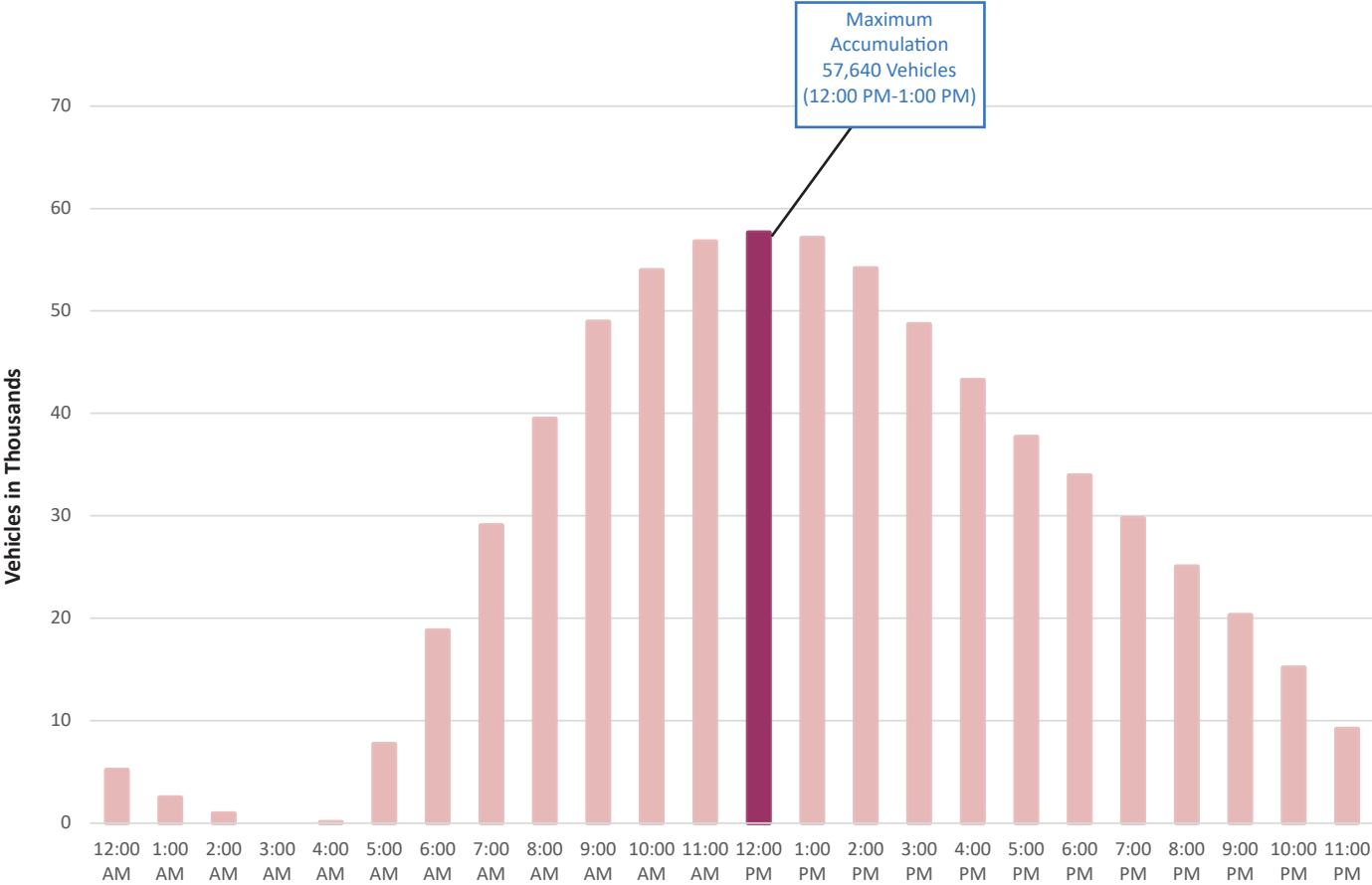
1. Queens Sector counts exclude Roosevelt Island Tram.
2. Includes only Staten Island Ferry and Roosevelt Island Tramway passengers.

This report also tracks the maximum net accumulation of persons in the Hub for all travel modes. This figure increased by almost 59 percent (or nearly 226,000 persons) since 2020 to a maximum accumulation of more than 610 thousand travelers (Table 21B, Appendix II). This 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 2021 was no exception.

The number of people travelling via public transportation in 2021 had a huge increase (about 80 percent) during morning peak periods (7:00 AM to 10:00 AM) and about 77 percent increase during evening (4:00 PM to 7:00 PM) peak periods, since 2020 (Table 22A, Appendix II).

There was a maximum accumulation of more than 57,600 vehicles. It was almost 13,000 vehicles or about 18 percent lower than in 2020. The peak accumulation time shifted from 11:00 AM-12:00 PM in 2020 to 12:00 PM-1:00 PM in 2021 (Figure 3 and Table 23B, Appendix II).

FIGURE 3
**HOURLY ACCUMULATION OF VEHICLES
ON A FALL BUSINESS DAY
BY SECTOR, IN 2021**



CHANGES IN HUB-BOUND TRAVEL

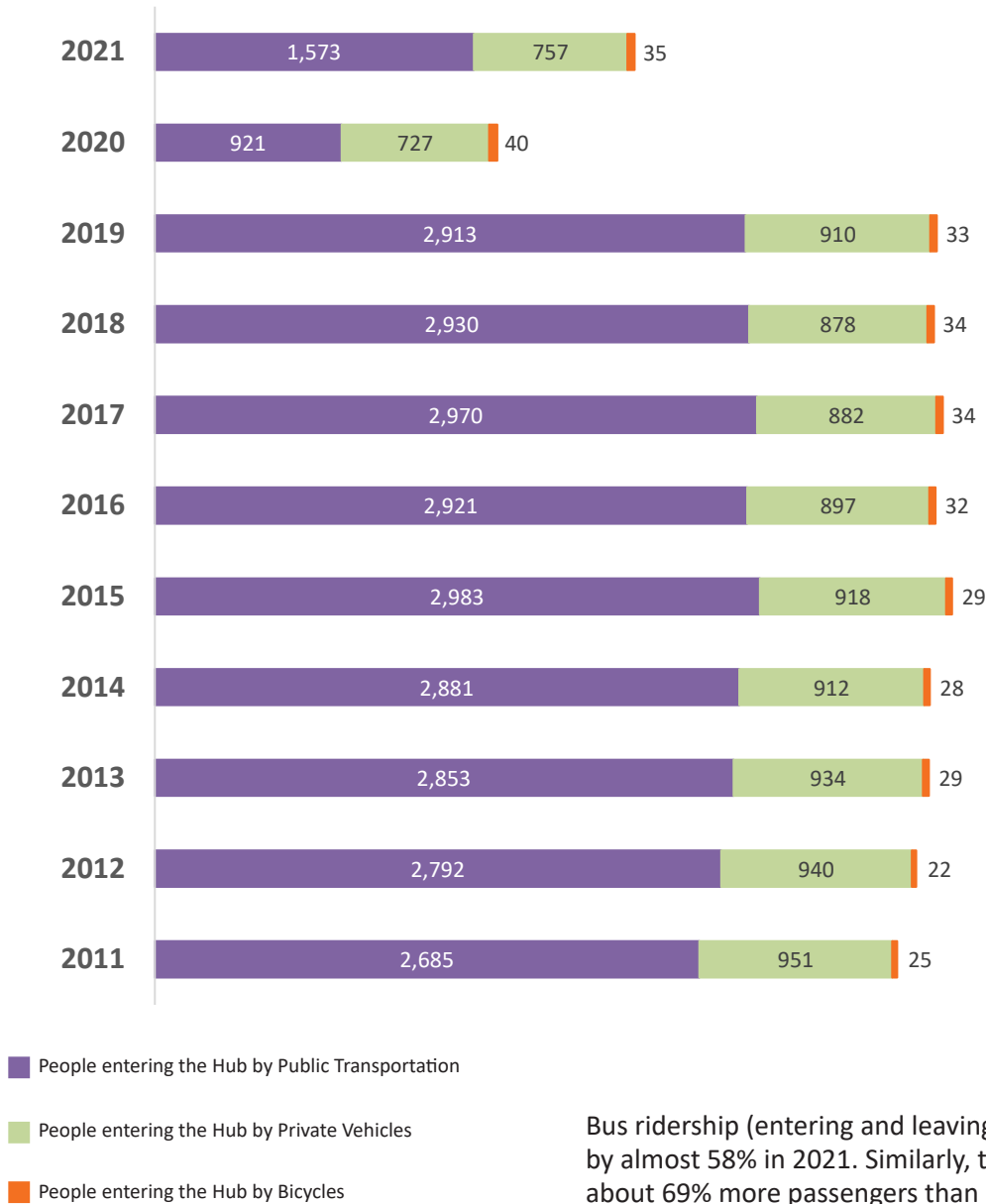
In 2021, about 2.4 million people entered the CBD on a typical business day (Table 1A); an increase of about 40% (nearly 677 thousand people) compared to the 2020 total daily entry.

In the years before the pandemic, the total number of people entering the CBD reached a peak of over 3.9 million in 2015. It remained at about 3.9 million until 2019 (Table 1A, Appendix I).

PUBLIC TRANSPORTATION

Public transit continues to play a central role in meeting regional travel needs, as recovery from the Covid-19 pandemic has resulted in notable increase in public transportation use. In 2021, trips to the Hub made by all modes of public transportation increased by almost 71% since 2020. Trips made by the same modes of public transportation decreased by 46% between 2019 and 2021, even though they increased by about 7% during the decade between 2010 and 2019 (Figure 4 and Table 22A, Appendix II).

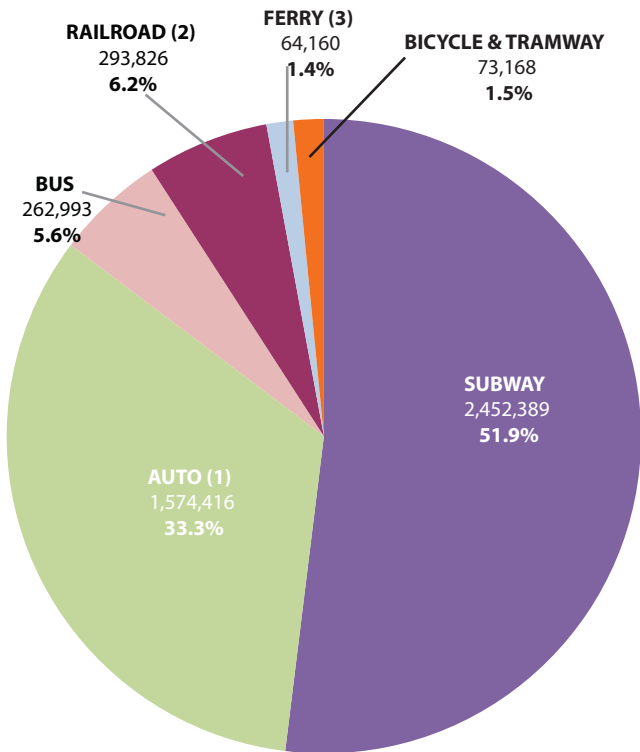
FIGURE 4
TOTAL NUMBER OF PEOPLE ENTERING THE HUB ON A FALL BUSINESS DAY
IN THOUSANDS



Bus ridership (entering and leaving the Hub) increased by almost 58% in 2021. Similarly, the subway transported about 69% more passengers than in 2020. Downtown and uptown PATH carried about 97% more passengers than in 2020 (Table 5). Suburban and intercity rail services carried nearly 99% or almost 146,100 more passengers than a year ago at the same time.

Of all passengers entering and leaving the Hub in 2021, the relative amount of subway, railroad, and bus passengers were close to 52%, 6%, and 6%, respectively. Bicycle, tramway and ferry transported almost 3% more travelers (Figure 5).

FIGURE 5
TOTAL NUMBER OF PEOPLE
ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY
BY MODE, IN 2021



(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

Trips via ferries (both publicly and privately operated) increased by more than 57% in 2021 compared with 2020. Roosevelt Island Tramway ridership increased by almost 88% or about 2,200 persons, daily (Table 5). Approximately 89% of all bus passengers traveled into the Hub by express buses and about 78% of all bus passengers commuted from New Jersey in 2021 (Table 9, Appendix I).

PRIVATE TRANSPORTATION

In 2021, private auto transportation brought about 32% of all persons into the CBD. This is an increase of about 4% or close to 30,500 travelers since 2020. Similarly, the total number of people entering and leaving the Hub by private vehicles increased by 5% or about 74,600 persons on a typical business day in 2021 compared with 2020. The largest part of this increase (with absolute volume of over 33,700 and 35,600 travelers) came from vehicles crossing to and from 60th Street and New Jersey sectors, respectively. The Brooklyn Sector saw an increase of more than 2% or about 10,000 travelers while the Queens Sector actually experienced a decrease of almost 2% or 4,700 travelers entering and leaving the Hub in the same time period (Table 10, Appendix I and Figure 6).

There were more than 68,500 daily bicycle trips to and from the CBD in 2021, which is about a 14% decrease since 2020 (Table on page III-44).

FIGURE 6
TOTAL NUMBER OF PRIVATE VEHICLES *
ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY
BY SECTOR, IN 2021



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

MODE OF TRAVEL

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

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

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

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:

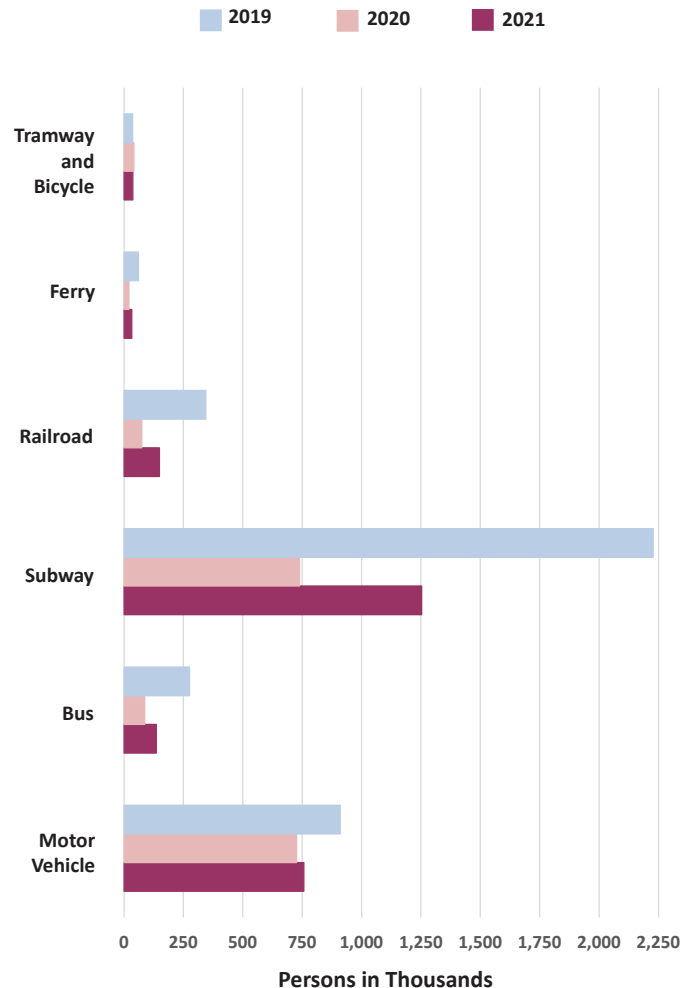
- Staten Island Ferry
- NY Waterway
- Hornblower
- NY Water Taxi and Circle Line Downtown
- Liberty Landing Ferry
- Seastreak Ferry

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.

Share of travel modes is shown in Figure 5 on page 9.

FIGURE 7
TOTAL NUMBER OF PEOPLE
ENTERING THE HUB
ON A FALL BUSINESS DAY
BY MODE
IN 2019, 2020 and 2021



A. Subway

The subway system continued to be the most popular mode of public transportation in 2021, transporting nearly 2.5 million passengers. The number of commuters increased by 69% since 2020, with a daily average of nearly 1.3 million passengers coming into the Hub. In 2021, the subway system transported about 1 million more passengers to and from the Hub compared with 2020 (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 2021, buses brought almost 136,300 passengers daily into the Hub. Bus riders from New Jersey riding on express buses accounted for nearly 70% (or about 95,100) of all bus passengers entering the Hub on a typical business day in 2021. 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, nearly 99% of bus commuters are express bus passengers, and more than 84% of Queens Sector bus commuters are also express bus passengers. Conversely, only about 40% of all bus passengers entering the Hub via the 60th Street Sector are express bus commuters, with the remaining 60% 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 148,900 passengers into the CBD on the survey date, a total of more than 9% of all public transit passengers. That is about a 6% share of all persons entering the Hub daily. In 2021, this mode experienced a increase in ridership from 2020 of about 99 percent or more than 146,100 passengers. In 2021, it was the third most prevalent mode of entry into the Hub after the subway and private vehicles (Table 14 C, Appendix II).

FIGURE 8
TOTAL NUMBER OF PEOPLE ENTERING THE HUB
BY MODE, BY HOUR, IN 2021

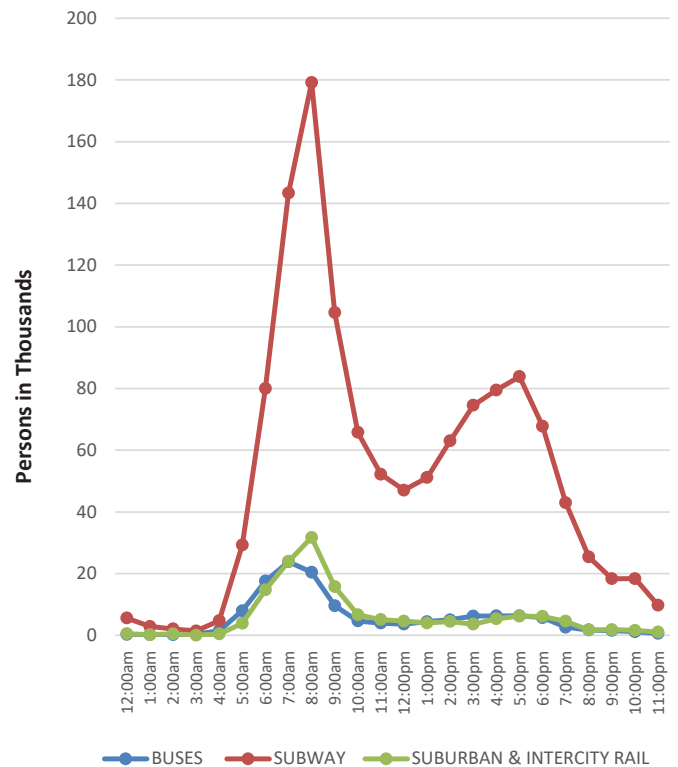
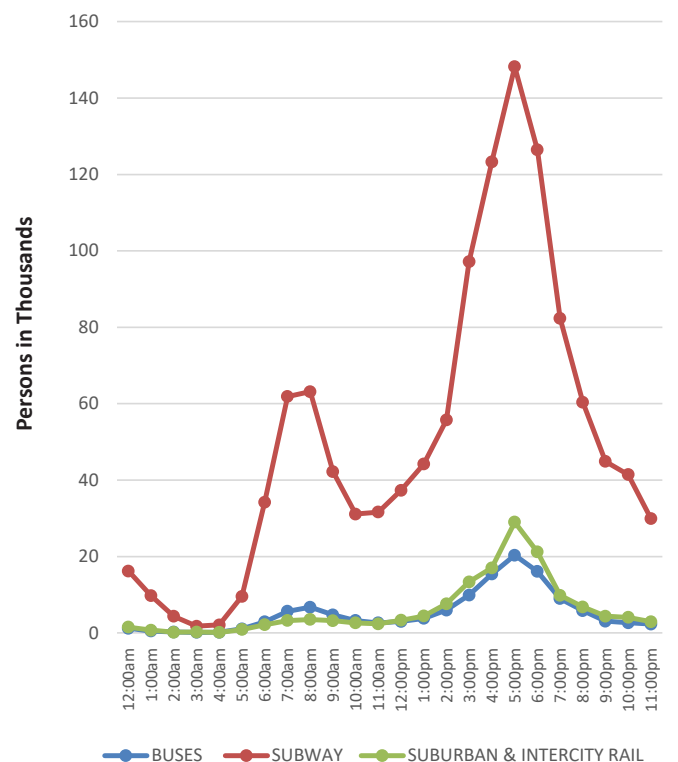


FIGURE 9
TOTAL NUMBER OF PEOPLE LEAVING THE HUB
BY MODE, BY HOUR, IN 2021



D. Ferry and Tramway

Hub bound ferry travel via the Staten Island Sector reached nearly 17,700 inbound passengers in 2021, an increase of about 31% from 2020. At the same time, the total of all private ferry passengers entering the Hub increased by almost 119%, or about 8,300 persons, from 2020 (Figure 10 and Table on page III-43).

Roosevelt Island Tramway reported an increase in inbound passengers of nearly 1,000 persons or 82% compared with 2020 (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 2021

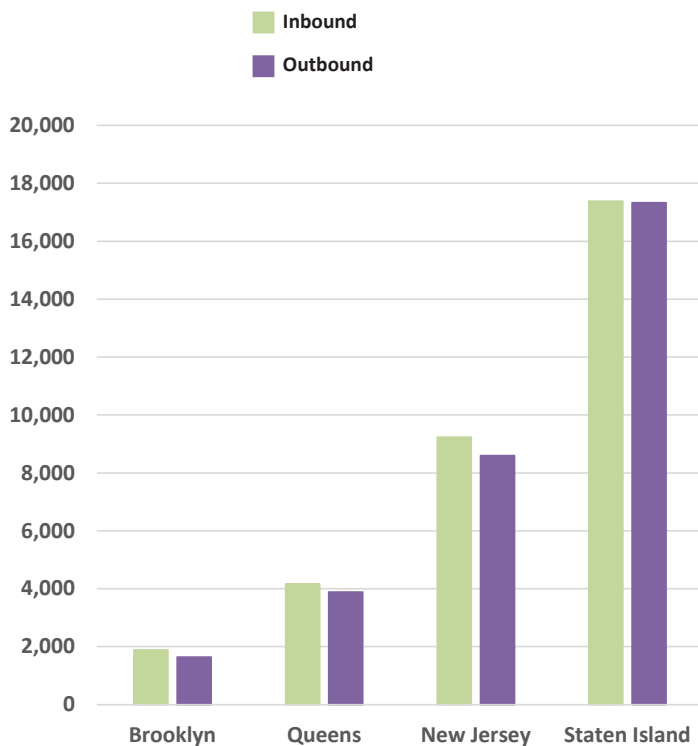
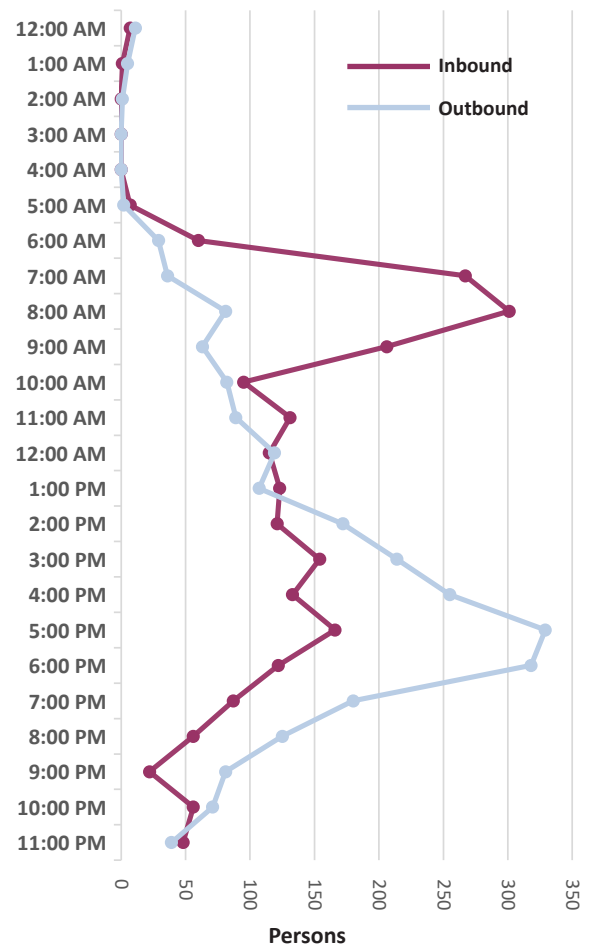


FIGURE 11
ROOSEVELT ISLAND TRAMWAY COMMUTERS
ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2021
BY HOUR

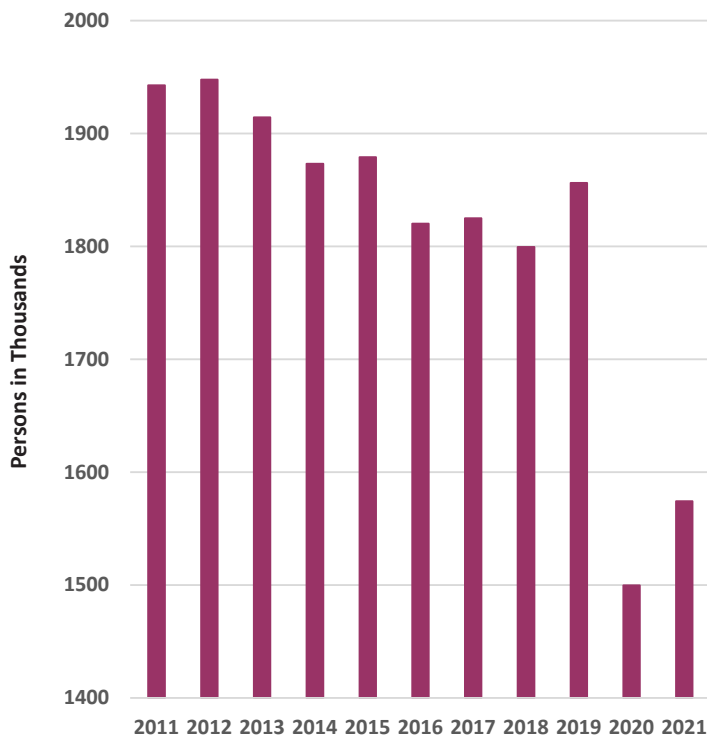


E. Motor Vehicles

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 after the subway system. In 2021, nearly 757,200 persons entered the Hub using private motor vehicles. This represents an increase of 4% or about 30,500 more passengers compared with 2020 (Table 14 C, Appendix II).

The share of travelers arriving from Brooklyn and Queens sectors by private vehicles decreased by about 4%, and 18%, respectively in 2021. At the same time, the 60th Street and New Jersey sectors experienced an increase of about 11% and 27%, respectively in private motor vehicle riders entering the Hub on a typical business day in 2021 (Table 14C, Appendix II).

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



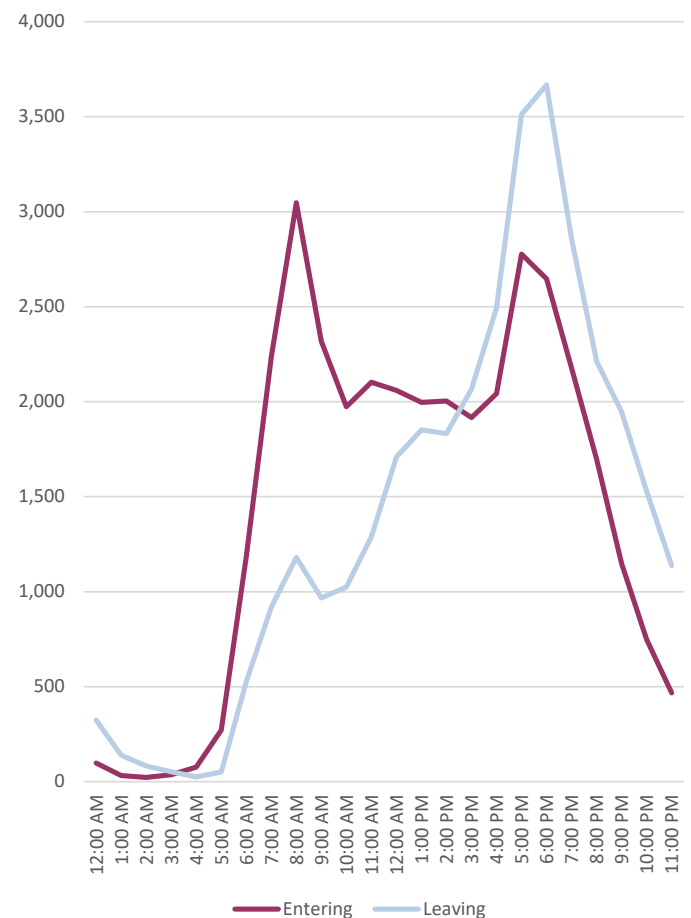
* Includes: Autos, Taxis, Commuter Vans and Trucks

F. Bicycle

In 2021, survey data provided by the New York City Department of Transportation showed nearly 35,100 bicyclists entering the Hub on a typical fall business day. This shows a decrease of about 13% (almost 5,400 riders) from 2020. The most active entry point to the Hub is the 60th Street Sector, generating almost 21,400 riders or 60% of all bicyclists entering the Hub in 2021. Approximately 10,000 bicyclists crossed the Brooklyn, Manhattan, and Williamsburg bridges from Brooklyn, while around 3,400 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 3,000 entering the Hub) and at 6 PM (about 3,700 leaving the Hub) (Figure 13).

FIGURE 13
BICYCLISTS ENTERING and LEAVING
THE HUB ON A FALL BUSINESS DAY
IN 2021
BY HOUR

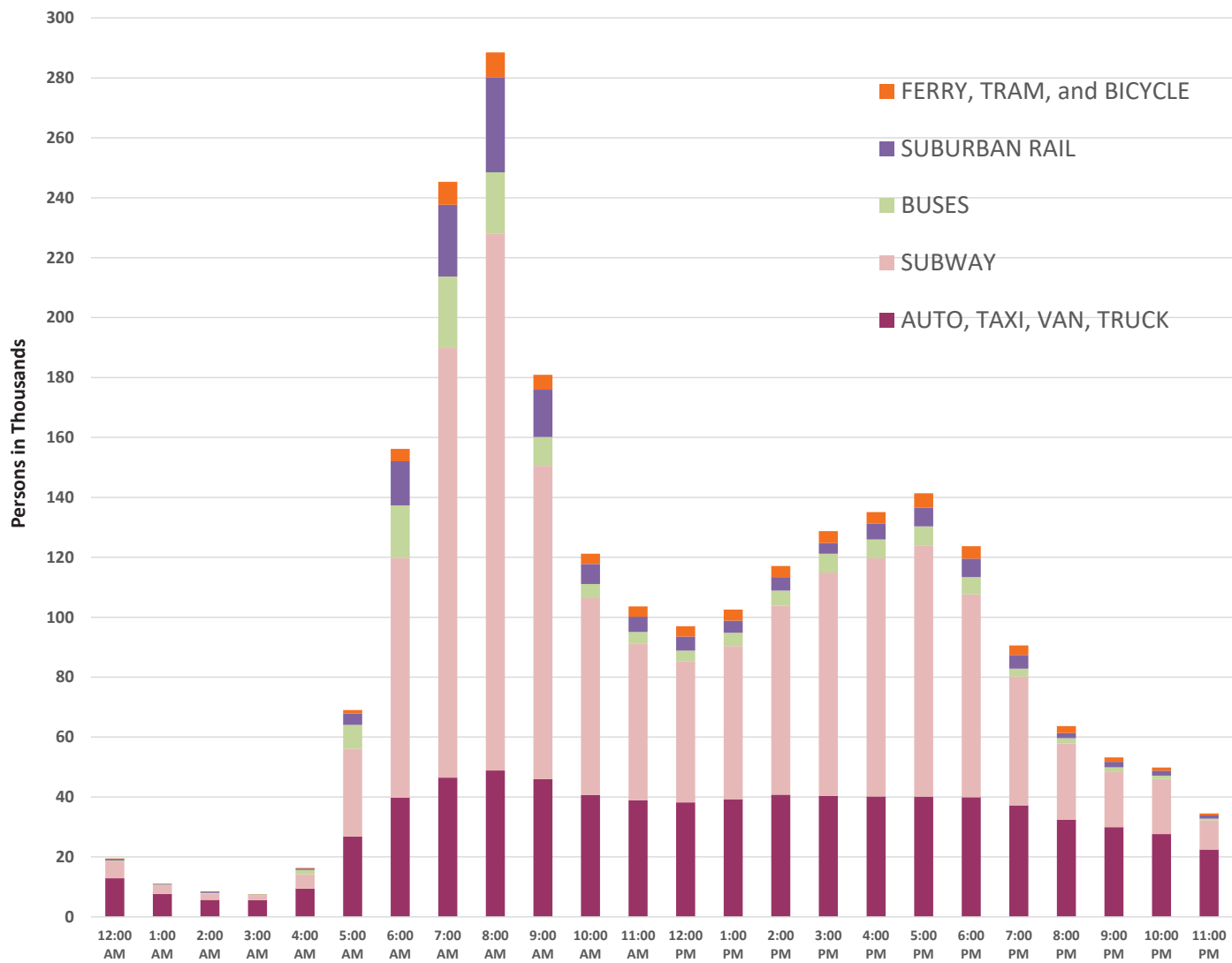


TIME OF ENTRY

The total number of persons entering the CBD in 2021 during the morning peak hour of 8:00 AM to 9:00 AM was about 288,500, which is about 73%, or 122,100 more than in 2020. During the morning peak period of 7:00 AM to 10:00 AM it was about 714,800, which is about 59%, or 265,900 more than in 2020.

In 2021, the total number of persons entering the CBD during the morning peak hour (8 AM - 9 AM) and morning peak period (7 AM - 10 AM) represented approximately 12% and 30% of the total daily inbound volume, respectively (Figure 14 and Tables 14A-14B, Appendix II).

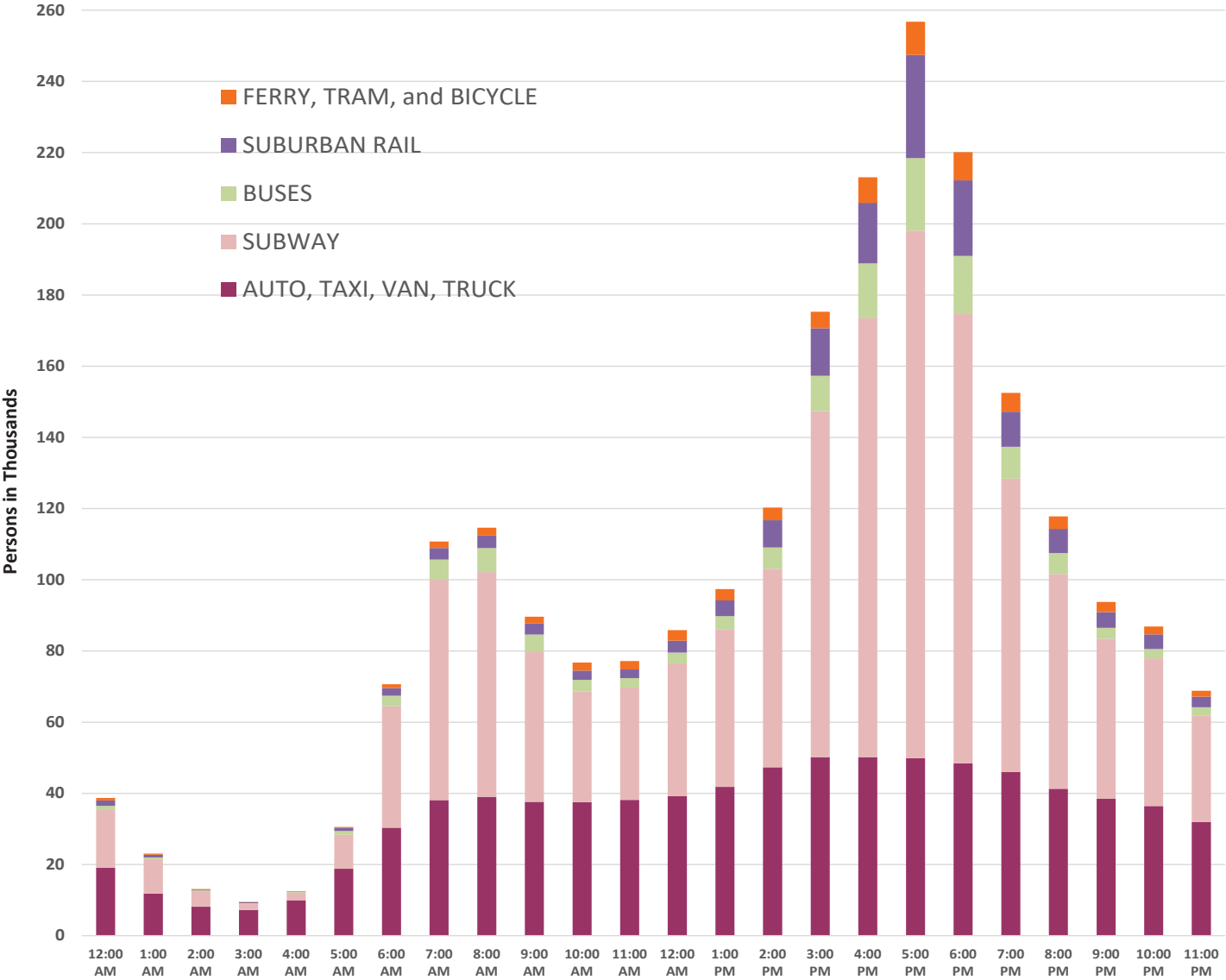
FIGURE 14
TOTAL NUMBER OF PEOPLE ENTERING THE HUB
ON A FALL BUSINESS DAY, IN 2021
BY HOUR, BY MODE



The peak afternoon hour of 5:00 PM to 6:00 PM recorded nearly 256,800 people leaving the Hub (about 48%, or 83,600 more than in 2020) while the peak period of 4:00 PM to 7:00 PM recorded roughly 689,900 persons leaving the Hub by all modes (which is about 44%, or 209,900 more than in 2020).

The afternoon peak hour and peak period ridership represented 11% and 29% of the total daily outbound 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 2021
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 2021, about 46,200 more private vehicles entered and left the Hub on an average weekday than in 2020. This represents almost 4% increase 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 2021
BY HOUR

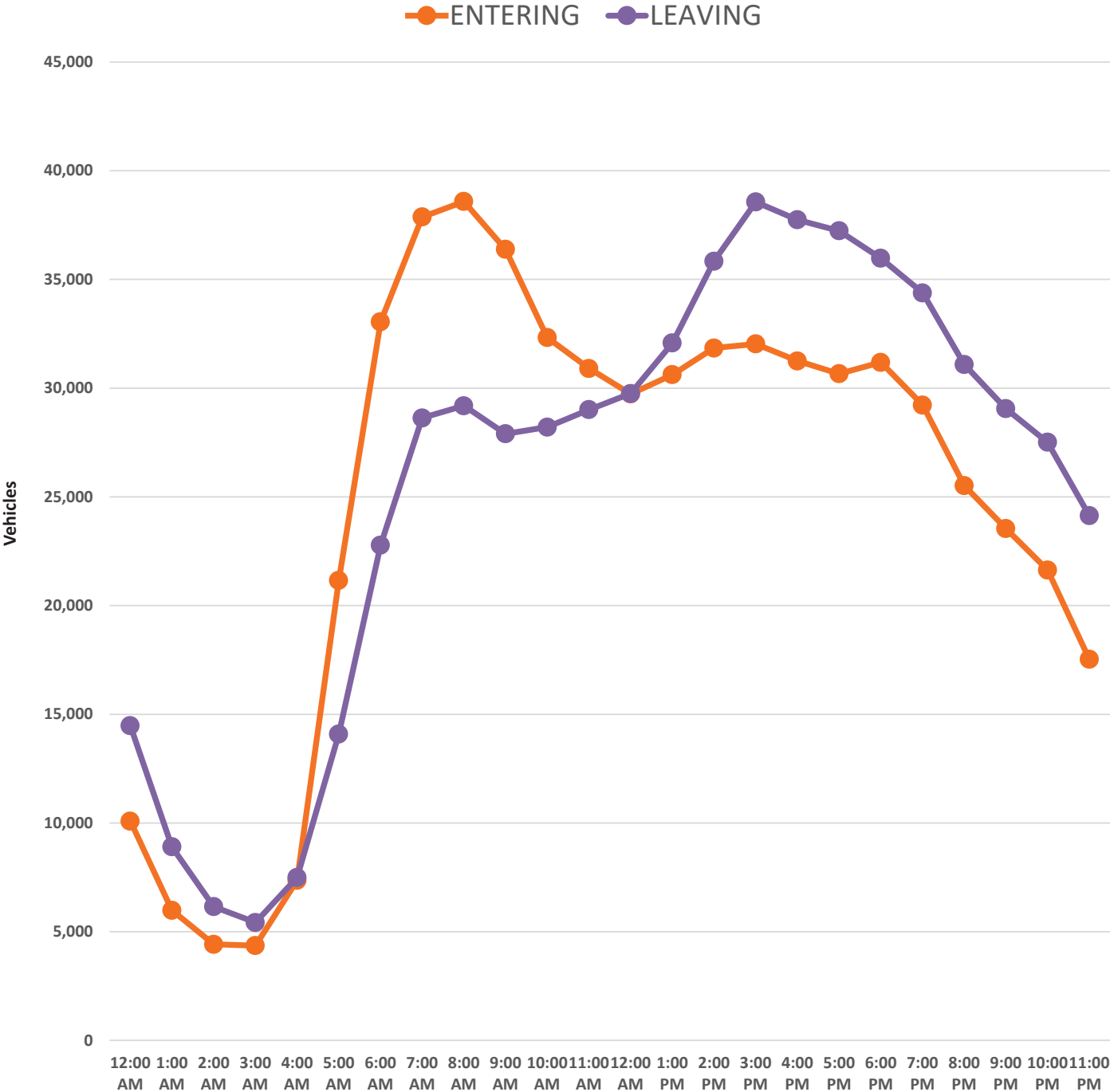


FIGURE 17
**TOTAL BUSES AND PRIVATE VEHICLES
 ENTERING and LEAVING THE HUB
 ON A FALL BUSINESS DAY, IN 2021**
 BY SECTOR



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Appendix I

Time Series Tables - 2021

Note 1: The 2021 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain, but appear to be trending toward pre-pandemic levels.

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: - See note 2 on page I-0.
- 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		2021	
PERSONS BY MODE																		
AUTO, TAXI, VAN & TRUCK	934	24%	913	24%	918	23%	897	23%	882	23%	878	23%	910	24%	727	43%	757	32%
BUS	268	7%	263	7%	279	7%	279	7%	282	7%	280	7%	276	7%	87	5%	136	6%
SUBWAY	2,223	58%	2,252	59%	2,318	59%	2,299	59%	2,287	59%	2,242	58%	2,228	58%	738	44%	1,253	53%
RAILROAD	310	8%	318	8%	328	8%	339	9%	336	9%	338	9%	344	9%	75	4%	149	6%
PASSENGER FERRY	49	1%	44	1%	54	1%	60	2%	62	2%	67	2%	61	2%	20	1%	33	1%
TRAM	4	0%	3	0%	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%	2	0%
BICYCLE	29	1%	28	1%	29	1%	32	1%	34	1%	34	1%	33	1%	40	2%	35	1%
TOTAL	3,816		3,821		3,931		3,910		3,886		3,842		3,856		1,688		2,365	
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%	913	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%	664	28%
QUEENS	780	20%	777	20%	817	21%	785	20%	775	20%	779	20%	777	20%	335	20%	443	19%
NEW JERSEY	524	14%	521	14%	568	14%	581	15%	591	15%	587	15%	590	15%	204	12%	325	14%
STATEN ISLAND	34	1%	29	1%	37	1%	41	1%	37	1%	42	1%	35	1%	13	1%	18	1%
ROOSEVELT ISLAND	4	0%	3	0%	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%	2	0%
TOTAL	3,816		3,821		3,931		3,910		3,886		3,842		3,856		1,688		2,365	
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%	267	45%
BROOKLYN	184	25%	179	25%	176	24%	180	25%	185	26%	182	26%	216	30%	166	29%	160	27%
QUEENS	132	18%	130	18%	139	19%	126	18%	123	18%	127	18%	131	18%	99	17%	79	13%
NEW JERSEY	90	12%	87	12%	91	13%	88	12%	89	13%	89	13%	89	12%	74	13%	91	15%
TOTAL	736		719		724		709		698		699		728		580		597	

Notes: - See notes 1 and 2 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%
BUS	121	9%	121	9%	119	9%	122	9%	117	8%	120	8%	131	9%	132	10%	138	10%	140	10%
SUBWAY	859	62%	866	62%	855	62%	858	61%	845	60%	839	59%	958	63%	851	62%	813	58%	787	57%
RAILROAD	159	12%	165	12%	165	12%	169	12%	171	12%	193	13%	154	10%	183	13%	196	14%	184	13%
PASSENGER FERRY	25	2%	24	2%	24	2%	24	2%	25	2%	15	1%	23	2%	21	2%	39	3%	36	3%
TRAMWAY	-	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%	0	0%	0	0%	1	0%
BICYCLE					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%
BUS	136	10%	132	10%	135	10%	139	10%	134	9%	128	10%	124	9%	124	9%	130	10%	133	9%
SUBWAY	804	59%	809	60%	785	59%	918	63%	915	63%	804	61%	832	61%	847	62%	877	64%	900	63%
RAILROAD	172	13%	180	13%	184	14%	188	13%	187	13%	182	14%	179	13%	183	13%	182	13%	185	13%
PASSENGER FERRY	29	2%	28	2%	28	2%	24	2%	27	2%	27	2%	27	2%	26	2%	25	2%	22	2%
TRAMWAY	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%
BICYCLE	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		2021					
AUTO, TAXI, VAN & TRUCK	167	12%	168	12%	160	11%	156	11%	153	11%	161	11%	145	33%	141	20%				
BUS	126	9%	131	9%	129	9%	127	9%	125	9%	122	8%	27	6%	54	8%				
SUBWAY	910	64%	922	63%	921	64%	913	64%	902	64%	923	64%	227	51%	427	60%				
RAILROAD	190	13%	197	14%	203	14%	198	14%	200	14%	201	14%	31	7%	71	10%				
PASSENGER FERRY	23	2%	26	2%	25	2%	29	2%	30	2%	27	2%	6	1%	13	2%				
TRAMWAY	1	0%	1	0%	2	0%	1	0%	1	0%	1	0%	0	0%	1	0%				
BICYCLE	8	1%	8	1%	9	1%	9	1%	9	1%	9	1%	8	2%	8	1%				
TOTAL	1,426	-	1,452	-	1,448	-	1,434	-	1,421	-	1,444	-	445	-	715	-				

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	8.5%	23.1%	31.7%	60.2%	24.6%	48.8%
1990	7.0%	19.9%	25.6%	54.2%	19.4%	42.7%
1991	6.9%	19.8%	25.9%	54.1%	19.6%	42.6%
1992	6.8%	19.5%	25.2%	53.9%	18.9%	42.1%
1993	6.6%	19.2%	24.8%	52.8%	18.7%	41.5%
1994	6.7%	19.5%	24.0%	52.0%	18.3%	41.3%
1995	6.7%	19.3%	23.8%	51.3%	18.1%	40.6%
1996	7.0%	19.9%	23.8%	50.9%	18.2%	40.6%
1997	7.3%	19.9%	23.3%	50.3%	17.6%	39.3%
1998	7.1%	20.0%	22.8%	48.9%	17.2%	38.5%
2000	7.4%	20.2%	22.0%	49.4%	17.0%	39.5%
2001	6.2%	17.9%	21.5%	48.1%	17.1%	39.4%
2002	6.6%	19.3%	21.3%	47.2%	16.8%	38.5%
2003	7.0%	20.2%	21.5%	47.2%	16.7%	38.3%
2004	6.6%	19.5%	20.8%	45.6%	16.2%	37.3%
2005	6.6%	19.0%	19.9%	45.2%	16.1%	37.7%
2006	6.6%	19.1%	19.5%	43.9%	15.8%	36.8%
2007	6.4%	18.8%	20.6%	45.6%	16.8%	38.4%
2008	6.7%	19.2%	20.0%	44.4%	16.7%	38.1%
2009	6.6%	18.9%	19.5%	43.5%	16.0%	36.9%
2010	6.7%	19.7%	19.1%	43.2%	15.7%	36.7%
2011	6.6%	19.0%	19.7%	44.0%	16.3%	37.4%
2012	6.4%	18.7%	19.3%	43.5%	16.0%	37.3%
2013	6.5%	18.5%	19.6%	43.5%	16.3%	37.3%
2014	6.3%	18.3%	19.1%	43.5%	16.0%	37.4%
2015	6.3%	18.2%	18.9%	42.8%	16.0%	37.0%
2016	6.1%	17.8%	19.0%	42.9%	16.0%	37.1%
2017	6.0%	17.7%	18.8%	42.7%	15.9%	37.0%
2018	5.9%	17.5%	19.1%	43.0%	16.1%	37.1%
2019	6.0%	17.7%	19.3%	43.7%	16.1%	37.5%
2020	7.0%	19.9%	12.2%	31.7%	9.9%	26.5%
2021	6.4%	18.7%	15.0%	36.0%	12.3%	30.3%

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
2021	2,365,417	714,775	288,520	2,199,000

Notes:

- See notes 1 and 2 on page I-0.
- At the beginning of 2011, CBD Employment data estimate methodology was changed. Therefore, the 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.
- * N/A - data from 1999 not available following the events of 9/11/01.

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

YEAR	PERSONS				MOTOR VEHICLES			
	MAXIMUM TRAVELER ACCUM.	HUB RESIDENTS*	MAXIMUM HUB ACCUM.	TIME OF MAXIMUM AC-CUM.	MAXIMUM TRAVELER AC-CUM.	HUB BASED VEHICLES*	MAXIMUM HUB ACCUM.	TIME OF MAXIMUM AC-CUM.
1990	1,318,000	528,000	1,846,000	01:00 PM	101,800	90,100	191,900	01:00 PM
1991	1,325,000	530,000	1,855,000	01:00 PM	102,300	88,400	190,700	01:00 PM
1992	1,262,000	529,000	1,791,000	01:00 PM	96,300	84,600	180,900	01:00 PM
1993	1,250,000	530,900	1,780,900	01:00 PM	94,100	85,800	179,900	02:00 PM
1994	1,273,000	535,000	1,808,000	01:00 PM	97,100	86,100	183,200	02:00 PM
1995	1,277,000	539,000	1,816,000	01:00 PM	94,100	86,100	180,200	02:00 PM
1996	1,295,000	544,000	1,839,000	01:00 PM	94,000	85,900	179,900	01:00 PM
1997	1,303,000	547,000	1,850,000	01:00 PM	101,000	89,000	190,000	02:00 PM
1998	1,296,000	551,000	1,847,000	01:00 PM	104,000	95,100	199,100	02:00 PM
2000	1,464,000	552,000	2,015,846	01:00 PM	103,367	91,080	194,447	02:00 PM
2001	1,254,000	540,000	2,016,000	01:00 PM	67,093	91,080	156,228	02:00 PM
2002	1,253,800	567,000	1,805,800	01:00 PM	60,181	91,080	151,261	02:00 PM
2003	1,273,519	573,000	1,821,360	01:00 PM	86,909	91,740	178,649	02:00 PM
2004	1,228,259	583,000	1,783,259	02:00 PM	91,551	91,575	183,126	01:00 PM
2005	1,197,459	590,000	1,172,459	02:00 PM	85,119	97,350	182,469	01:00 PM
2006	1,244,863	590,000	1,834,863	02:00 PM	89,847	97,350	187,197	01:00 PM
2007	1,325,609	597,000	1,922,609	01:00 PM	88,623	98,505	187,128	01:00 PM
2008	1,334,179	616,883	1,951,062	01:00 PM	79,198	101,786	180,984	01:00 PM
2009	1,209,458	621,000	1,830,458	02:00 PM	78,305	102,465	180,770	01:00 PM
2010	1,231,071	619,228	1,850,292	02:00 PM	78,173	75,637	153,810	01:00 PM
2011	1,230,220	591,000	1,821,220	02:00 PM	79,651	71,107	150,758	01:00 PM
2012	1,316,844	597,000	1,913,844	02:00 PM	81,359	71,166	152,525	01:00 PM
2013	1,342,153	598,000	1,940,153	02:00 PM	79,753	70,980	150,733	01:00 PM
2014	1,365,561	600,000	1,965,561	02:00 PM	75,896	71,043	146,939	01:00 PM
2015	1,392,132	603,000	1,995,132	02:00 PM	78,750	71,059	149,809	01:00 PM
2016	1,381,111	620,000	2,001,111	02:00 PM	72,867	73,061	145,929	01:00 PM
2017	1,378,724	643,000	2,021,724	02:00 PM	73,203	76,382	149,584	01:00 PM
2018	1,378,366	612,000	1,990,366	02:00 PM	67,725	75,626	143,351	01:00 PM
2019	1,382,597	619,000	2,001,597	02:00 PM	80,998	76,713	157,711	01:00 PM
2020	384,302	627,000	1,011,302	02:00 PM	70,597	77,518	148,116	12:00 PM
2021	610,279	599,000	1,209,279	02:00 PM	57,640	73,584	131,224	01:00 PM

Notes:

- See notes 1 and 2 on page I-0.
- At the beginning of 2011, CBD resident data estimate methodology was changed. Therefore, the data thereafter may not be comparable with previous years.
- 2018-2021 Manhattan HUB population is calculated based on the Census tract data.

TABLE 5
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY, 2013-2021

	2013	2014	2015	2016	2017	2018	2019	2020	2021
BUS PASSENGERS									
60TH STREET SECTOR									
FDR DRIVE (1)	-	-	-	-	-	-	-	-	-
YORK AVENUE	4,184	3,766	4,055	3,792	2,702	2,424	2,630	1,202	2,035
FIRST AVE/SECOND AVE	20,203	18,747	15,818	14,999	16,161	15,806	17,187	9,709	12,728
LEXINGTON AVE/THIRD AVE	11,588	10,241	9,730	8,955	8,179	10,201	10,610	6,226	7,006
MADISON AVE/FIFTH AVE	27,693	26,515	21,727	23,164	21,651	20,929	23,544	8,430	13,156
CENTRAL PK WEST	874	805	754	804	613	493	433	224	393
EIGHTH AVENUE (1)	-	-	-	-	-	-	-	-	-
BROADWAY	9,952	8,478	6,999	7,350	6,082	5,692	6,054	2,951	4,728
COLUMBUS AVE/AMSTERDAM AVE	3,108	2,943	2,585	2,744	2,547	2,494	2,949	1,444	2,502
WEST END AVENUE	2,029	2,064	1,809	1,823	1,830	1,890	2,134	993	1,630
SECTOR TOTAL	79,631	73,559	63,477	63,631	59,765	59,929	65,541	31,179	44,178
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	398	359	335	306	329	337	318	274	248
MANHATTAN BRIDGE	-	-	-	-	-	-	-	577 (2)	-
HUGH L. CAREY TUNNEL	43,256	42,136	40,239	40,590	42,241	38,264	36,111	14,703	24,244
SECTOR TOTAL	43,654	42,495	40,574	40,896	42,570	38,601	36,429	15,554	24,492
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	13,486	11,171	11,142	10,236	11,187	10,796	10,529	3,112	5,757
ED KOCH QUEENSBORO BRIDGE	10,932	11,224	9,472	9,870	9,353	10,800	10,741	5,385	6,433
SECTOR TOTAL	24,418	22,395	20,614	20,106	20,540	21,596	21,270	8,497	12,190
NEW JERSEY SECTOR									
HOLLAND TUNNEL	29,204	28,325	29,243	30,737	28,257	25,581	21,901	3,026	2,302
LINCOLN TUNNEL	355,120	360,978	426,931	400,370	406,250	399,391	387,166	108,310	179,831
SECTOR TOTAL	384,324	389,303	456,174	431,107	434,507	424,972	409,067	111,336	182,133
TOTAL BUS PASSENGERS	532,027	527,752	580,839	555,740	557,382	545,098	532,307	166,566	262,993

Notes: - See note 1 on page I-0.

(1) No transit services on FDR Drive and Eighth Avenue.

(2) The B99 serving the Manhattan Bridge temporarily started in 2020 and was discontinued by the time of the 2021 Hub Bound survey.

TABLE 5 (continued)
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY, 2013-2021

	2013	2014	2015	2016	2017	2018	2019	2020	2021
SUBWAY PASSENGERS									
60TH STREET SECTOR									
SECOND AVENUE LOCAL	(1)	(1)	(1)	(1)	149,277	152,728	152,027	47,959	81,862
LEXINGTON AVENUE EXPRESS	362,135	372,522	363,116	386,250	330,963	318,049	316,231	123,279	181,366
LEXINGTON AVENUE LOCAL	346,656	341,376	327,790	307,982	247,372	233,504	240,531	85,156	144,095
EIGHTH AVENUE EXPRESS	278,292	286,126	299,008	274,781	300,544	287,321	283,787	104,784	154,031
EIGHTH AVENUE LOCAL	128,046	132,713	144,149	144,082	141,307	113,955	136,281	32,644	72,485
BROADWAY/7TH AVE EXPRESS	293,363	295,947	311,191	320,456	302,063	274,527	291,697	94,066	160,185
BROADWAY/7TH AVE LOCAL	235,546	239,350	235,108	223,675	214,038	240,356	226,567	63,981	129,256
SECTOR TOTAL	1,644,038	1,668,034	1,680,362	1,657,226	1,685,564	1,620,440	1,647,121	551,869	923,280
BROOKLYN SECTOR									
14TH STREET TUNNEL	224,172	234,538	258,485	248,094	304,551	256,472	246,791	93,175	158,847
WILLIAMSBURG BRIDGE	132,233	138,808	160,790	165,077	122,004	145,506	148,986	49,966	80,067
RUTGERS TUNNEL	146,056	154,590	157,575	154,766	122,820	143,512	132,948	36,933	76,629
MANHATTAN BRIDGE	423,470	391,249	437,764	419,024	439,103	439,896	406,397	152,113	242,203
CRANBERRY ST. TUNNEL	253,840	269,635	252,724	251,898	239,232	258,881	249,039	75,446	124,592
CLARK ST. TUNNEL	159,668	149,865	147,180	151,529	144,782	131,054	142,671	39,328	76,111
MONTAGUE ST. TUNNEL	(2)	63,660	56,863	61,386	61,642	59,960	51,434	11,107	25,501
JORALEMON ST. TUNNEL	215,002	194,120	169,645	187,043	178,793	162,733	167,197	57,364	91,852
SECTOR TOTAL	1,554,441	1,596,465	1,641,026	1,638,817	1,612,927	1,598,014	1,545,463	515,432	875,802
QUEENS SECTOR									
60TH STREET TUNNEL	280,490	282,481	283,573	292,407	268,370	250,506	224,151	83,686	138,688
53RD STREET TUNNEL	296,450	293,904	290,750	261,254	298,886	316,289	290,643	101,345	172,722
STEINWAY ST. TUNNEL	217,307	218,246	251,677	253,508	250,218	213,140	259,095	91,707	127,949
63RD STREET TUNNEL	173,726	173,005	184,759	180,682	140,057	170,538	158,364	46,018	94,603
SECTOR TOTAL	967,973	967,636	1,010,759	987,851	957,531	950,473	932,253	322,756	533,962

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.

TABLE 5 (continued)
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY, 2013-2021

	2013	2014	2015	2016	2017	2018	2019	2020	2021
SUBWAY PASSENGERS									
NEW JERSEY SECTOR									
PATH DOWNTOWN	104,578	98,179	109,785	122,884	132,208	139,153	137,082	30,660	57,903
PATH UPTOWN	126,941	124,721	135,752	130,859	137,426	130,792	136,365	29,978	61,442
SECTOR TOTAL	231,519	222,900	245,537	253,743	269,634	269,945	273,447	60,638	119,345
TOTAL SUBWAY PASSENGERS	4,397,971	4,455,035	4,577,684	4,537,637	4,525,656	4,438,872	4,398,284	1,450,695	2,452,389
SUBURBAN RAIL PASSENGERS									
AMTRAK & MTA METRO-NORTH RR	212,920	215,376	221,466	222,545	226,389	228,682	226,296	36,535	100,083
AMTRAK & MTA LIRR	230,974	235,797	238,956	242,343	242,853	243,485	246,843	70,989	109,229
AMTRAK & NJ TRANSIT	172,646	181,752	194,377	200,805	197,399	196,740	212,191	40,158	84,514
TOTAL RAIL PASSENGERS	616,540	632,925	654,799	665,693	666,641	668,907	685,330	147,682	293,826
FERRY PASSENGERS									
BROOKLYN	313	147	468	1,538	3,891	3,290	5,203	1,993	3,537
QUEENS	702	0	948	1,261	6,850	6,580	8,327	5,110	8,060
STATEN ISLAND (1)	67,299	58,511	72,456	84,116	79,159	83,709	68,175	27,007	34,726
NEW JERSEY	29,239	29,069	34,887	35,836	35,901	36,340	36,820	6,659	17,837
TOTAL FERRY PASSENGRS	97,553	87,727	108,759	122,751	125,801	129,919	118,525	40,769	64,160
ROOSEVELT ISLAND TRAMWAY	7,080	5,561	7,680	9,205	5,516	7,326	7,820	2,500	4,687
TOTAL PUBLIC TRANSIT PASSENGERS (2)	5,651,171	5,709,000	5,929,761	5,891,026	5,880,996	5,790,122	5,742,266	1,808,212	3,078,055
BICYCLE (3)	56,787	55,360	58,448	64,078	67,286	67,160	65,588	79,980	68,481

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.

TABLE 6
TOTAL RAIL TRAINS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2018-2021)

SECTOR AND FACILITY	2018			2019			2020			2021		
	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *
	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)
60TH STREET SECTOR												
SECOND AVE LOCAL (1)	22	19	254	24	27	223	25	24	257	21	21	223
LEXINGTON AVE EXPRESS	52	61	430	65	66	473	58	67	459	60	65	436
LEXINGTON AVE LOCAL	35	41	417	50	47	451	52	51	437	49	49	432
EIGHTH AVE EXPRESS	49	45	484	49	46	467	50	44	478	41	38	401
EIGHTH AVE LOCAL	37	32	309	36	37	321	33	32	311	32	32	284
B'WAY/7TH AV EXPRESS	56	54	385	57	55	472	53	55	444	53	52	425
B'WAY/7TH AV LOCAL	42	40	353	43	39	388	40	41	372	39	38	351
AMTRAK/METRO-NORTH	121	108	421	121	108	417	51	51	245	83	73	352
SECTOR TOTAL	414	400	3,053	445	425	3,212	362	365	3,003	378	368	2,904
BROOKLYN SECTOR												
14TH STREET TUNNEL	50	46	373	51	45	327	52	46	442	48	41	412
WILLIAMSBURG BRIDGE	46	46	400	47	43	436	49	47	408	44	44	368
RUTGERS ST. TUNNEL	32	33	315	32	31	301	23	23	260	29	31	287
MANHATTAN BRIDGE	91	82	772	96	93	710	98	90	825	88	79	661
CRANBERRY ST. TUNNEL	57	49	385	54	40	406	51	50	385	48	45	332
CLARK ST. TUNNEL	44	50	370	48	49	476	44	53	411	45	50	411
MONTAGUE ST. TUNNEL	23	28	272	24	25	187	25	25	208	24	24	278
JORALEMON ST. TUNNEL	51	63	450	57	64	474	56	61	467	58	57	434
SECTOR TOTAL	394	397	3,337	409	390	3,317	398	395	3,406	384	371	3,183
QUEENS SECTOR												
60TH STREET TUNNEL	58	62	552	60	63	482	63	62	549	57	64	508
53RD STREET TUNNEL	61	56	477	60	54	489	56	57	418	57	56	459
STEINWAY ST. TUNNEL	57	55	425	72	60	513	69	65	504	68	59	441
63RD STREET TUNNEL	38	38	303	39	36	306	23	22	263	34	38	280
AMTRAK/LIRR TUNNEL	87	80	346	87	80	349	80	74	332	62	60	317
SECTOR TOTAL	301	291	2,103	318	293	2,139	291	280	2,066	278	277	2,005
SUBTOTAL, NYCT	901	900	7,726	964	920	7,902	920	915	7,898	895	883	7,423
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNEL	67	67	379	70	69	388	65	65	375	65	65	362
PATH UPTOWN TUNNEL	61	55	399	61	56	410	62	58	364	62	58	365
AMTRAK/NJ TRANSIT TUNNELS	59	64	345	59	62	347	49	47	276	48	45	260
SECTOR TOTAL	187	186	1,123	190	187	1,145	176	170	1,015	175	168	987
GRAND TOTAL	1,296	1,274	9,616	1,362	1,295	9,813	1,227	1,210	9,490	1,215	1,184	9,079

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 (2018-2021)

SECTOR AND FACILITY	2018			2019			2020			2021		
	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *
	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)
60TH STREET SECTOR												
SECOND AVE LOCAL (1)	220	190	2,540	192	216	1,784	200	192	2,056	168	168	1,784
LEXINGTON AVE EXPRESS	520	610	4,300	650	660	4,730	580	670	4,590	600	650	4,360
LEXINGTON AVE LOCAL	350	410	4,170	500	470	4,510	520	510	4,370	490	490	4,320
EIGHT AVE EXPRESS	392	360	3,872	392	368	3,736	400	352	3,824	328	304	3,208
EIGHT AVE LOCAL	296	256	2,472	288	296	2,568	264	256	2,488	256	256	2,272
B'WAY/7TH AV EXPRESS	560	540	3,850	570	550	4,720	530	550	4,440	530	520	4,250
B'WAY/7TH AV LOCAL	420	400	3,530	430	390	3,880	400	410	3,720	390	380	3,510
AMTRAK/METRO-NORTH	902	797	3,059	905	799	2,995	384	395	1,835	644	561	2,704
SECTOR TOTAL	3,660	3,563	27,793	3,927	3,749	28,923	3,278	3,335	27,323	3,406	3,329	26,408
BROOKLYN SECTOR												
14TH STREET TUNNEL	400	368	2,984	408	360	2,616	416	368	3,536	384	328	3,296
WILLIAMSBURG BRIDGE	368	368	3,200	376	344	3,488	392	376	3,264	352	352	2,944
RUTGERS ST. TUNNEL	320	330	3,150	320	310	3,010	230	230	2,600	290	310	2,870
MANHATTAN BRIDGE	816	740	7,018	768	744	5,656	784	720	6,600	704	632	5,288
CRANBERRY ST. TUNNEL	456	392	3,080	432	320	3,248	408	400	3,080	384	360	2,656
CLARK ST. TUNNEL	440	500	3,700	480	490	4,760	440	530	4,110	450	500	4,110
MONTAGUE ST. TUNNEL	184	228	2,278	240	250	1,840	246	250	2,040	240	240	2,660
JORALEMON ST. TUNNEL	510	630	4,500	570	640	4,740	560	610	4,670	580	570	4,340
SECTOR TOTAL	3,494	3,556	29,910	3,594	3,458	29,358	3,476	3,484	29,900	3,384	3,292	28,164
QUEENS SECTOR												
60TH STREET TUNNEL	536	572	5,142	526	552	4,212	552	544	4,770	500	560	4,414
53RD STREET TUNNEL	566	520	4,462	556	498	4,544	516	528	3,868	530	520	4,296
STEINWAY ST. TUNNEL	627	605	4,675	792	660	5,643	759	715	5,544	748	649	4,851
63RD STREET TUNNEL	380	380	3,030	390	360	3,060	230	220	2,630	340	380	2,800
AMTRAK/LIRR TUNNEL	868	815	3,490	868	819	3,526	782	738	3,253	614	612	3,237
SECTOR TOTAL	2,977	2,892	20,799	3,132	2,889	20,985	2,839	2,745	20,065	2,732	2,721	19,598
TOTAL, NYCT	8,141	8,209	69,413	8,880	8,478	72,745	8,427	8,431	72,200	8,264	8,169	68,229
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNEL	510	510	2,872	534	527	2,945	494	494	2,849	494	494	2,745
PATH UPTOWN TUNNEL	427	385	2,793	427	392	2,870	434	406	2,548	434	406	2,555
AMTRAK/NJ TRANSIT TUNNELS	500	519	2,622	501	514	2,640	427	404	2,211	407	405	2,110
SECTOR TOTAL	1,437	1,414	8,287	1,462	1,433	8,455	1,355	1,304	7,608	1,335	1,305	7,410
GRAND TOTAL	11,568	11,425	86,789	12,115	11,529	87,721	10,948	10,868	84,896	10,857	10,647	81,580

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 (2011-2021)
(in square feet)

MODE / YEAR	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
60TH STREET SECTOR											
SUBWAY-EXPRESS	5.7	5.1	4.5	4.4	4.0	3.9	4.3	4.4	4.4	17.6	9.0
SUBWAY-LOCAL	6.3	5.9	4.9	4.9	5.1	5.1	5.2	4.8	5.2	27.5	10.6
SUBURBAN RAIL	7.1	7.3	7.2	7.3	7.2	7.3	7.0	7.0	7.0	26.1	12.4
BUS	9.2	9.5	10.9	11.6	13.0	14.0	15.2	15.5	12.6	36.5	22.6
SECTOR AVERAGE	6.3	6.0	5.3	5.4	5.2	5.2	5.4	5.4	5.4	22.5	10.6
BROOKLYN SECTOR											
SUBWAY	5.7	5.6	5.2	5.3	5.3	5.2	5.4	5.2	5.1	23.9	11.4
BUS	7.8	8.0	8.6	9.3	8.9	9.0	9.5	9.1	9.8	36.0	20.7
SECTOR AVERAGE	5.8	5.7	5.4	5.4	5.4	5.4	5.5	5.3	5.3	24.3	11.7
QUEENS SECTOR											
SUBWAY	5.9	5.9	5.3	5.5	5.1	5.1	5.1	4.9	5.4	18.6	10.3
SUBURBAN RAIL	7.0	7.1	7.0	7.0	6.9	6.9	7.0	7.0	7.0	37.6	15.4
BUS	9.7	9.8	10.7	11.8	12.3	15.7	12.7	14.4	14.3	47.2	30.2
SECTOR AVERAGE	6.3	6.3	6.0	6.1	5.8	5.8	5.8	5.6	6.1	23.3	11.8
NEW JERSEY SECTOR											
SUBWAY	4.9	4.9	4.6	4.7	4.4	4.1	3.8	3.6	3.8	23.9	9.1
SUBURBAN RAIL	6.3	6.2	5.8	5.4	5.6	4.5	5.4	4.9	5.0	36.2	13.2
BUS	9.1	9.1	9.1	9.1	8.2	8.3	8.3	8.2	8.3	29.4	12.4
SECTOR AVERAGE	7.0	7.0	6.8	6.6	6.3	5.8	5.9	5.8	5.8	29.0	11.4
STATEN ISLAND FERRY	14.9	13.7	13.7	14.5	12.7	14.6	12.8	12.6	17.4	65.1	36.6
ROOSEVELT ISLAND TRAMWAY (2)	4.1	3.0	2.6	3.5	3.1	2.7	6.2	4.1	4.3	4.3	6.9
ALL TRANSIT MODES	6.3	6.2	5.7	5.8	5.7	5.6	5.7	5.6	5.7	24.5	11.6

Notes: - See note 1 on page I-0.

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

TABLE 9
EXPRESS AND LOCAL BUSES AND BUS PASSENGERS ENTERING THE HUB
ON A FALL BUSINESS DAY (2021-2021)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	48,281	46,764	48,062	45,889	43,118	41,745	42,848	40,938	39,737	16,783	26,312
WEST OF HUDSON	187,382	191,074	191,988	192,349	214,609	215,478	219,336	217,485	212,146	57,543	95,076
NORTH OF NYC	305	257	354	272	252	241	260	291	236	114	145
TOTAL EXPRESS BUS	235,968	238,095	240,404	238,510	257,979	257,464	262,444	258,714	252,119	74,440	121,533
LOCAL BUS	27,138	29,809	27,832	24,161	20,975	21,229	19,834	21,021	24,107	12,266	14,750
TOTAL BUS PASSENGERS	263,106	267,904	268,236	262,671	278,954	278,693	282,278	279,735	276,226	86,706	136,283
NUMBER OF BUSES											
EXPRESS BUS											
NEW YORK CITY	1,603	1,598	1,659	1,645	1,617	1,597	1,604	1,631	1,648	1,699	1,675
WEST OF HUDSON	7,664	7,654	7,588	7,698	7,728	7,754	7,967	7,868	7,789	4,730	5,103
NORTH OF NYC	26	12	12	12	12	11	11	11	10	10	8
TOTAL EXPRESS BUS	9,293	9,264	9,259	9,355	9,357	9,362	9,582	9,510	9,447	6,439	6,786
LOCAL BUS	1,799	1,783	1,791	1,759	1,728	1,782	1,803	1,749	1,743	1,822	1,669
TOTAL BUSES	11,092	11,047	11,050	11,114	11,085	11,144	11,385	11,259	11,190	8,261	8,455

Note: - See note 1 on page I-0.

TABLE 10
TOTAL PERSONS ENTERING AND LEAVING THE HUB BY AUTO, TAXI, VAN AND TRUCK
ON A FALL BUSINESS DAY (2012-2021)

VEHICLE OCCUPANTS / LOCATION	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
60TH STREET SECTOR										
EAST OF CENTRAL PARK										
FDR DRIVE	196,913	195,423	191,309	187,021	192,664	192,149	201,826	180,015	192,324	190,336
YORK AVENUE	45,436	44,227	42,477	42,909	30,726	30,448	34,210	33,607	21,750	26,915
SECOND AND FIRST AVENUES	94,929	101,793	105,217	98,916	88,794	98,573	90,259	85,191	71,136	77,057
QUEENSBORO BRIDGE RAMP (1)	42,625	40,162	39,033	39,984	42,738	39,821	41,299	41,737	31,362	0
LEXINGTON AND THIRD AVENUES	74,994	68,538	67,055	62,575	63,911	61,795	61,799	57,313	42,903	52,245
PARK AVENUE	58,884	58,915	56,929	52,978	49,594	48,965	51,764	51,983	35,684	49,333
FIFTH AND MADISON AVENUES	78,596	71,815	68,590	68,710	69,745	56,484	54,586	53,561	43,241	50,934
SUBTOTAL	592,377	580,873	570,610	553,093	538,172	528,235	535,743	503,407	438,400	446,820
CENTRAL PARK DRIVES	12,699	11,438	10,285	11,501	7,971	7,584	(2)	(2)	(2)	(2)
WEST OF CENTRAL PARK (3)										
EIGHTH AVE./CENTRAL PARK WEST	25,715	25,909	24,641	24,581	22,836	23,186	22,324	20,789	14,049	13,426
BROADWAY	42,753	41,352	39,691	38,746	35,562	38,454	33,011	33,567	20,887	27,130
COLUMBUS AND AMSTERDAM AVE.	62,423	62,331	52,454	55,872	52,190	53,383	58,403	51,764	38,715	44,141
WEST END AVENUE	35,970	34,582	33,035	32,513	29,814	30,479	32,912	30,693	20,763	22,430
WEST SIDE HIGHWAY	126,406	127,869	130,798	130,334	132,990	130,145	128,221	138,491	110,957	123,547
SUBTOTAL	293,267	292,043	280,619	282,046	273,392	275,647	274,871	275,304	205,371	230,674
SECTOR TOTAL	898,343	884,354	861,514	846,640	819,535	811,466	810,613	778,711	643,771	677,494
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	142,822	146,517	141,418	133,361	133,941	133,698	133,007	163,455	108,349	115,572
MANHATTAN BRIDGE	121,500	118,250	113,982	118,636	115,102	108,897	102,793	94,645	93,911	94,625
BROOKLYN BRIDGE	126,798	129,723	126,865	129,227	133,399	145,130	150,549	193,433	144,150	131,867
HUGH L. CAREY TUNNEL	61,069	61,362	61,509	64,050	65,036	63,168	68,007	66,142	63,104	77,333
SECTOR TOTAL	452,189	455,852	443,774	445,274	447,478	450,893	454,356	517,675	409,514	419,397
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	131,390	127,136	122,316	127,551	108,118	118,366	122,509	128,342	94,971	115,543
ED KOCH QUEENSBORO BRIDGE (4)	215,734	207,920	211,164	211,117	206,019	204,401	176,123	196,768	153,659	128,434
SECTOR TOTAL	347,124	335,056	333,480	338,668	314,137	322,767	298,632	325,110	248,630	243,977
NEW JERSEY SECTOR										
HOLLAND TUNNEL	110,387	105,697	102,579	106,165	104,959	102,949	105,863	108,097	86,972	97,502
LINCOLN TUNNEL	139,893	133,508	132,058	142,484	134,184	136,876	129,952	126,643	110,975	136,046
SECTOR TOTAL	250,280	239,205	234,637	248,649	239,143	239,825	235,815	234,740	197,947	233,548
TOTAL, ALL FACILITIES	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	1,574,416

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) The 2021 Hub Bound volume data across the QBB was impacted by a new method of collection and construction. Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not entering the CBD but flying over it. Care should be taken in comparing this year's data with prior years of data.

(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.

(4) 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.

TABLE 11
MOTOR VEHICLES (AUTOS, TAXIS, VANS, & TRUCKS)
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY (2012-2021)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
EAST OF CENTRAL PARK										
FDR DRIVE	151,111	150,087	146,976	143,495	147,824	147,470	155,529	138,475	148,510	145,996
YORK AVENUE	35,819	34,276	32,708	32,940	24,429	23,390	26,272	25,891	16,766	20,887
SECOND AND FIRST AVENUES	72,127	76,723	79,161	74,267	66,341	74,201	68,167	64,149	53,514	58,084
ED KOCH QUEENSBORO BRIDGE RAMP (1)	35,409	33,357	32,367	33,149	35,408	33,049	34,248	34,588	26,034	0
LEXINGTON AND THIRD AVENUES	56,261	51,562	50,375	47,037	47,866	46,379	46,365	42,675	32,039	38,569
PARK AVENUE	40,721	40,735	39,370	36,517	34,334	33,927	35,942	36,052	24,773	34,278
FIFTH AND MADISON AVENUES	52,204	47,542	45,444	45,569	46,251	37,677	36,342	35,592	28,826	33,824
SUBTOTAL	443,652	434,282	426,401	412,974	402,453	396,093	402,865	377,422	330,462	331,638
CENTRAL PARK DRIVES	6,946	6,376	5,750	6,399	4,452	4,244	(2)	(2)	(2)	(2)
WEST OF CENTRAL PARK (3)										
CENTRAL PARK WEST	14,517	14,608	13,915	13,839	12,926	13,096	12,625	11,752	7,924	7,596
BROADWAY	31,885	30,847	29,600	28,927	26,550	28,731	24,626	25,066	15,612	20,369
COLUMBUS AND AMSTERDAM AVES.	47,261	47,098	39,700	42,229	39,487	40,430	44,205	39,190	29,326	33,404
WEST END AVENUE	25,009	24,056	22,980	22,611	20,725	21,182	22,888	21,338	14,452	15,606
WEST SIDE HIGHWAY	110,341	111,560	114,186	113,753	116,126	113,626	112,080	120,901	96,943	107,895
SUBTOTAL	229,013	228,169	220,381	221,359	215,814	217,065	216,424	218,247	164,257	184,870
SECTOR TOTAL	679,611	668,827	652,532	640,732	622,719	617,402	619,288	595,669	494,719	516,508
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	112,696	115,618	111,575	105,154	105,590	105,352	104,722	128,214	85,357	90,996
MANHATTAN BRIDGE	89,087	87,375	84,048	87,046	85,084	80,273	75,862	69,245	69,505	68,102
BROOKLYN BRIDGE	100,288	102,542	99,986	102,219	105,679	115,981	119,735	158,132	114,184	104,862
HUGH L. CAREY TUNNEL	53,067	53,389	53,532	55,734	56,545	55,039	59,201	57,599	54,978	67,315
SECTOR TOTAL	355,138	358,924	349,141	350,153	352,898	356,645	359,520	413,190	324,024	331,275
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	90,992	87,985	84,628	88,573	74,883	82,392	85,330	89,352	66,296	80,709
ED KOCH QUEENSBORO BRIDGE (4)	177,455	170,807	173,508	173,776	169,586	168,029	144,782	161,881	126,631	104,891
SECTOR TOTAL	268,447	258,792	258,136	262,349	244,469	250,421	230,112	251,233	192,927	185,600
NEW JERSEY SECTOR										
HOLLAND TUNNEL	91,957	88,015	85,467	88,457	87,481	85,804	86,141	87,985	70,886	81,179
LINCOLN TUNNEL	101,235	96,595	95,662	103,110	97,020	99,005	98,187	95,582	84,137	98,355
SECTOR TOTAL	193,192	184,610	181,129	191,567	184,501	184,809	184,328	183,567	155,023	179,534
TOTAL, ALL FACILITIES	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	1,212,917

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) The 2021 Hub Bound volume data across the QBB was impacted by a new method of collection and construction. Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not entering the CBD but flying over it. Care should be taken in comparing this year's data with prior years of data.

(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.

(4) 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.

TABLE 12
REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)
ON A FALL BUSINESS DAY (2014-2021), BY MODE AND BY SECTOR

YEAR / SECTOR / MODE	2014	2015	2016	2017	2018	2019	2020	2021
SECTOR								
60TH STREET	211,423	209,223	203,088	207,161	203,943	212,589	113,588	148,411
BROOKLYN	107,214	111,246	109,910	109,364	109,886	101,066	63,093	85,730
QUEENS	68,897	68,449	66,830	64,037	62,192	60,853	31,038	44,492
NEW JERSEY	61,999	73,836	68,908	68,479	67,894	65,551	26,211	35,149
STATEN ISLAND	1,934	2,157	2,430	2,377	2,391	2,431	1,150	1,063
ROOSEVELT ISLAND	154	205	256	200	266	259	151	180
TOTAL, ALL SECTORS	451,621	465,116	451,422	451,618	446,572	442,749	235,231	315,025
MODE								
AUTOS, TAXIS, VANS AND TRUCKS	124,490	122,351	117,077	117,441	119,827	114,474	107,893	114,779
BUS	32,317	41,029	36,633	35,812	35,624	32,974	11,776	17,141
SUBWAY	272,112	277,764	273,265	273,944	266,087	269,136	103,862	167,260
SUBURBAN AND INTERCITY RAIL	17,011	17,803	17,418	17,250	17,382	19,049	6,100	9,966
FERRY	2,943	3,281	3,690	3,764	3,817	3,890	1,953	2,632
TRAMWAY	154	205	256	200	266	259	151	180
BICYCLE	2,594	2,683	3,083	3,207	3,569	2,967	3,496	3,067
TOTAL, ALL MODES	451,621	465,116	451,422	451,618	446,572	442,749	235,231	315,025

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		
	2018	2019	2020	2021	2019/ 2018	2020/ 2019	2021/ 2020
CONNECTICUT REGION							
3 COUNTIES	1,987	1,983	1,981	2,008	-0.2%	-0.1%	1.4%
NEW JERSEY							
9 COUNTIES	5,724	5,724	5,729	5,964	0.0%	0.1%	4.1%
NEW YORK STATE							
MANHATTAN HUB (1)	612	619	627	599	1.1%	1.3%	-4.5%
NYC REMAINDER	7,831	7,800	7,752	7,869	-0.4%	-0.6%	1.5%
7 SUBURBAN COUNTIES	4,908	4,906	4,905	5,054	-0.0%	-0.0%	3.0%
TOTAL	13,352	13,326	13,285	13,521	-0.2%	-0.3%	1.8%
TOTAL REGION	21,063	21,033	20,995	21,494	-0.1%	-0.2%	2.4%

Notes:

- See note 1 on page I-0.
- The 3 counties of Connecticut are: 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.
- County level population data is based on American Community Survey (ACS) Census data for the years: 2018-2021.
- 2018-2021 Manhattan Hub population data is calculated based on the Census tract data.

(1) NYMTC Estimate based on Census Tract data.

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

	EMPLOYMENT (in thousands)				PERCENT CHANGE		
	2018	2019	2020	2021	2019/ 2018	2020/ 2019	2021/ 2020
CONNECTICUT REGION							
3 COUNTIES	1,010	1,005	1,001	1,004	-0.5%	-0.5%	0.4%
NEW JERSEY							
9 COUNTIES	2,922	2,915	2,907	2,919	-0.2%	-0.2%	0.4%
NEW YORK STATE							
MANHATTAN HUB (1)	2,170	2,178	2,185	2,199	0.4%	0.4%	0.6%
NYC REMAINDER	2,955	2,957	2,959	2,965	0.1%	0.1%	0.2%
7 SUBURBAN COUNTIES	2,247	2,239	2,231	2,240	-0.4%	-0.4%	0.4%
TOTAL	7,372	7,374	7,376	7,404	0.0%	0.0%	0.4%
REGION TOTAL	11,303	11,294	11,284	11,327	-0.1%	-0.1%	0.4%

Notes:

- See note 1 on page I-0.
- The 3 counties of Connecticut are: 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 based on based on Census tract data.

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Appendix II

Summary Tables - 2021

Note 1: The 2021 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain, but appear to be trending toward pre-pandemic levels.

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 2021
MORNING PEAK HOUR (8-9 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL
	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	6,914	-	-	-	-	-
York Avenue	538	-	-	-	110	-
First Avenue	-	-	-	-	-	-
Second Avenue	1,774	-	5,072	539	129	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	1,063	10,935	7,038	67	218	-
Park Ave	1,856	-	-	-	-	12,787
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	1,858	-	-	377	462	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	625	10,720	5,900	18	222	-
Eighth Avenue	-	11,166	5,118	-	-	-
Columbus Avenue	1,136	-	-	-	108	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	917	-	-	-	95	-
West Side Highway	4,734	-	-	-	-	126
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	21,415	32,821	23,128	1,001	1,344	12,913
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	10,743	-	-	-
Williamsburg Bridge-BMT	2,650	-	7,722	-	5	-
Rutgers Tunnel-IND	-	-	4,505	-	-	-
Manhattan Bridge-BMT	1,906	9,501	9,282	-	-	-
Brooklyn Bridge	3,411	-	-	-	-	-
Cranberry Tunnel-IND	-	-	10,152	-	-	-
Clark Tunnel-IRT	-	-	6,031	-	-	-
Montague Tunnel-BMT	-	-	1,785	-	-	-
Joralemon Tunnel-IRT	-	-	7,570	-	-	-
Hugh L. Carey Tunnel	3,539	-	-	2,320	-	-
	-	-	-	-	-	-
SECTOR TOTAL	11,506	9,501	57,790	2,320	5	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	7,549	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	12,825	-	-	-
Ed Koch Queensboro Bridge-Tramway	2,997	-	-	-	93	-
Fifty-third St. Tunnel-IND	-	-	12,003	-	-	-
Steinway Tunnel-IRT	-	-	10,592	-	-	-
Queens Midtown Tunnel-IRT	4,406	-	-	1,214	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	10,697
	-	-	-	-	-	-
SECTOR TOTAL	7,403	-	42,969	1,214	93	10,697
NEW JERSEY SECTOR						
Lincoln Tunnel	5,406	-	-	14,220	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	8,138
Uptown PATH Tunnel	-	-	6,382	-	-	-
Holland Tunnel	3,107	-	-	243	-	-
Downtown PATH Tunnel	-	-	6,615	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	8,513	-	12,997	14,463	-	8,138
	-	-	-	-	-	-
TOTAL, ALL SECTORS	48,837	42,322	136,884	18,998	1,442	31,748

Note: See note 1 on page II-0.

TABLE 14 A (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2021
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	-	-	-	-	6,914
York Avenue	-	-	-	110	648
First Avenue	-	-	4	4	4
Second Avenue	-	-	383	6,123	7,897
Third Avenue	-	-	6	6	6
Lexington Avenue- IRT	-	-	25	18,283	19,346
Park Ave	-	-	12	12,799	14,655
Madison Avenue	-	-	1	1	1
Fifth Avenue	-	-	134	973	2,831
Sixth Avenue	-	-	6	6	6
Seventh Avenue	-	-	110	110	110
Broadway	-	-	167	17,027	17,652
Eighth Avenue	-	-	14	16,298	16,298
Columbus Avenue	-	-	96	204	1,340
Amsterdam Avenue	-	-	7	7	7
West End Avenue	-	-	47	142	1,059
West Side Highway	-	-	1	127	4,861
Hudson River Greenway	-	-	363	363	363
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
SECTOR TOTAL	-	-	1,376	72,583	93,998
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	10,743	10,743
Williamsburg Bridge-BMT	-	-	463	8,190	10,840
Rutgers Tunnel-IND	-	-	-	4,505	4,505
Manhattan Bridge-BMT	-	-	428	19,211	21,117
Brooklyn Bridge	-	-	352	352	3,763
Cranberry Tunnel-IND	-	-	-	10,152	10,152
Clark Tunnel-IRT	-	-	-	6,031	6,031
Montague Tunnel-BMT	-	-	-	1,785	1,785
Joralemon Tunnel-IRT	-	-	-	7,570	7,570
Hugh L. Carey Tunnel	-	-	-	2,320	5,859
All Ferry Points	244	-	-	244	244
SECTOR TOTAL	244	-	1,243	71,103	82,609
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	7,549	7,549
Sixtieth St. Tunnel-BMT/IND	-	-	-	12,825	12,825
Ed Koch Queensboro Bridge-Tramway	-	301	394	788	3,785
Fifty-third St. Tunnel-IND	-	-	-	12,003	12,003
Steinway Tunnel-IRT	-	-	-	10,592	10,592
Queens Midtown Tunnel-IRT	-	-	-	1,214	5,620
Amtrak/LIRR Tunnels	-	-	-	10,697	10,697
All Ferry Points	648	-	-	648	648
SECTOR TOTAL	648	301	394	56,316	63,719
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	14,220	19,626
Amtrak/N.J. Transit Tunnels	-	-	-	8,138	8,138
Uptown PATH Tunnel	-	-	-	6,382	6,382
Holland Tunnel	-	-	-	243	3,350
Downtown PATH Tunnel	-	-	-	6,615	6,615
All Ferry Points	1,897	-	-	1,897	1,897
SECTOR TOTAL	1,897	-	-	37,495	46,008
Staten Island Ferry, Bicycle	2,152	-	34	2,186	2,186
TOTAL, ALL SECTORS	4,941	301	3,047	239,683	288,520

TABLE 14 B
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2021
MORNING PEAK PERIOD (7-10 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN 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	20,282	-	-	-	-	-
York Avenue	1,491	-	-	-	267	-
First Avenue	-	-	-	-	-	-
Second Avenue	5,224	-	9,864	1,421	299	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	2,936	29,431	15,850	225	583	-
Park Ave	4,836	-	-	-	-	27,659
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	5,043	-	-	1,335	906	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	1,729	22,546	15,046	56	563	-
Eighth Avenue	-	23,885	10,149	-	-	-
Columbus Avenue	3,155	-	-	-	270	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	2,390	-	-	-	221	-
West Side Highway	13,529	-	-	-	-	290
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	60,615	75,862	50,909	3,037	3,109	27,949
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	26,424	-	-	-
Williamsburg Bridge-BMT	8,108	-	16,552	-	16	-
Rutgers Tunnel-IND	-	-	12,361	-	-	-
Manhattan Bridge-BMT	5,409	22,252	24,335	-	-	-
Brooklyn Bridge	9,899	-	-	-	-	-
Cranberry Tunnel-IND	-	-	24,511	-	-	-
Clark Tunnel-IRT	-	-	14,874	-	-	-
Montague Tunnel-BMT	-	-	4,321	-	-	-
Joralemon Tunnel-IRT	-	-	18,961	-	-	-
Hugh L. Carey Tunnel	10,751	-	-	6,348	-	-
	-	-	-	-	-	-
SECTOR TOTAL	34,167	22,252	142,339	6,348	16	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	17,843	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	30,292	-	-	-
Ed Koch Queensboro Bridge-Tramway	8,208	-	-	-	279	-
Fifty-third St. Tunnel-IND	-	-	32,025	-	-	-
Steinway Tunnel-IRT	-	-	25,799	-	-	-
Queens Midtown Tunnel-IRT	13,213	-	-	3,592	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	25,347
	-	-	-	-	-	-
SECTOR TOTAL	21,421	-	105,959	3,592	279	25,347
NEW JERSEY SECTOR						
Lincoln Tunnel	15,969	-	-	-	-	18,160
Amtrak/N.J. Transit Tunnels	-	-	14,347	-	-	-
Uptown PATH Tunnel	-	-	-	613	-	-
Holland Tunnel	9,093	-	15,500	-	-	-
Downtown PATH Tunnel	-	-	-	-	-	-
	-	-	-	36,923	-	-
SECTOR TOTAL	25,062	-	29,847	37,536	-	18,160
	-	-	-	-	-	-
TOTAL, ALL SECTORS	141,265	98,114	329,054	50,513	3,404	71,456

Note: See note 1 on page II-0.

TABLE 14 B (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2021
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	-	-	-	-	20,282
York Avenue	-	-	-	267	1,758
First Avenue	-	-	7	7	7
Second Avenue	-	-	968	12,552	17,776
Third Avenue	-	-	16	16	16
Lexington Avenue- IRT	-	-	79	46,168	49,104
Park Ave	-	-	34	27,693	32,529
Madison Avenue	-	-	3	3	3
Fifth Avenue	-	-	337	2,578	7,621
Sixth Avenue	-	-	17	17	17
Seventh Avenue	-	-	271	271	271
Broadway	-	-	371	38,582	40,311
Eighth Avenue	-	-	28	34,062	34,062
Columbus Avenue	-	-	284	554	3,709
Amsterdam Avenue	-	-	29	29	29
West End Avenue	-	-	114	335	2,725
West Side Highway	-	-	1	291	13,820
Hudson River Greenway	-	-	865	865	865
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
	-	-	-	-	-
SECTOR TOTAL	-	-	3,424	164,290	224,905
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	26,424	26,424
Williamsburg Bridge-BMT	-	-	1,182	17,750	25,858
Rutgers Tunnel-IND	-	-	-	12,361	12,361
Manhattan Bridge-BMT	-	-	1,040	47,627	53,036
Brooklyn Bridge	-	-	775	775	10,674
Cranberry Tunnel-IND	-	-	-	24,511	24,511
Clark Tunnel-IRT	-	-	-	14,874	14,874
Montague Tunnel-BMT	-	-	-	4,321	4,321
Joralemon Tunnel-IRT	-	-	-	18,961	18,961
Hugh L. Carey Tunnel	-	-	-	6,348	17,099
All Ferry Points	653	-	-	653	653
SECTOR TOTAL	653	-	2,997	174,605	208,772
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	17,843	17,843
Sixtieth St. Tunnel-BMT/IND	-	-	-	30,292	30,292
Ed Koch Queensboro Bridge-Tramway	-	774	1,100	2,153	10,361
Fifty-third St. Tunnel-IND	-	-	-	32,025	32,025
Steinway Tunnel-IRT	-	-	-	25,799	25,799
Queens Midtown Tunnel-IRT	-	-	-	3,592	16,805
Amtrak/LIRR Tunnels	-	-	-	25,347	25,347
All Ferry Points	1,432	-	-	1,432	1,432
SECTOR TOTAL	1,432	774	1,100	138,483	159,904
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	18,160	34,129
Amtrak/N.J. Transit Tunnels	-	-	-	14,347	14,347
Uptown PATH Tunnel	-	-	-	613	613
Holland Tunnel	-	-	-	15,500	24,593
Downtown PATH Tunnel	-	-	-	-	-
All Ferry Points	4,612	-	-	41,535	41,535
SECTOR TOTAL	4,612	-	-	90,155	115,217
Staten Island Ferry, Bicycle	5,899	-	78	5,977	5,977
TOTAL, ALL SECTORS	12,596	774	7,599	573,510	714,775

TABLE 14 C
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2021
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	110,211	-	-	-	-	-
York Avenue	11,959	-	-	-	1,119	-
First Avenue	-	-	-	-	-	-
Second Avenue	46,783	-	42,932	4,443	1,786	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	18,367	90,975	72,308	511	2,958	-
Park Ave	25,369	-	-	-	-	49,858
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	26,444	-	-	3,689	3,395	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	11,017	80,608	66,186	229	2,274	-
Eighth Avenue	-	78,625	37,149	-	-	-
Columbus Avenue	19,250	-	-	-	1,086	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	12,858	-	-	-	961	-
West Side Highway	66,766	-	-	-	-	1,376
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	349,024	250,208	218,575	8,872	13,579	51,234
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	78,898	-	-	-
Williamsburg Bridge-BMT	53,093	-	42,556	-	178	-
Rutgers Tunnel-IND	-	-	40,427	-	-	-
Manhattan Bridge-BMT	31,946	50,521	67,844	-	-	-
Brooklyn Bridge	63,828	-	-	-	-	-
Cranberry Tunnel-IND	-	-	67,320	-	-	-
Clark Tunnel-IRT	-	-	40,210	-	-	-
Montague Tunnel-BMT	-	-	11,349	-	-	-
Joralemon Tunnel-IRT	-	-	51,629	-	-	-
Hugh L. Carey Tunnel	40,341	-	-	12,272	-	-
	-	-	-	-	-	-
SECTOR TOTAL	189,208	50,521	400,233	12,272	178	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	51,359	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	74,300	-	-	-
Ed Koch Queensboro Bridge-Tramway	38,372	-	-	-	993	-
Fifty-third St. Tunnel-IND	-	-	88,258	-	-	-
Steinway Tunnel-IRT	-	-	58,367	-	-	-
Queens Midtown Tunnel-IRT	63,270	-	-	5,313	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	55,619
	-	-	-	-	-	-
SECTOR TOTAL	101,642	-	272,284	5,313	993	55,619
NEW JERSEY SECTOR						
Lincoln Tunnel	67,560	-	-	93,891	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	42,033
Uptown PATH Tunnel	-	-	31,631	-	-	-
Holland Tunnel	49,735	-	-	1,185	-	-
Downtown PATH Tunnel	-	-	29,575	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	117,295	-	61,206	95,076	-	42,033
	-	-	-	-	-	-
TOTAL, ALL SECTORS	757,169	300,729	952,298	121,533	14,750	148,886

Note: See note 1 on page II-0.

TABLE 14 C (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2021
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	-	-	-	-	110,211
York Avenue	-	-	-	1,119	13,078
First Avenue	-	-	75	75	75
Second Avenue	-	-	5,176	54,337	101,120
Third Avenue	-	-	110	110	110
Lexington Avenue- IRT	-	-	1,225	167,977	186,344
Park Ave	-	-	462	50,320	75,689
Madison Avenue	-	-	34	34	34
Fifth Avenue	-	-	1,931	9,015	35,459
Sixth Avenue	-	-	244	244	244
Seventh Avenue	-	-	1,913	1,913	1,913
Broadway	-	-	2,060	151,357	162,374
Eighth Avenue	-	-	348	116,122	116,122
Columbus Avenue	-	-	3,552	4,638	23,888
Amsterdam Avenue	-	-	314	314	314
West End Avenue	-	-	778	1,739	14,597
West Side Highway	-	-	19	1,395	68,161
Hudson River Greenway	-	-	3,177	3,177	3,177
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
	-	-	-	-	-
SECTOR TOTAL	-	-	21,418	563,886	912,910
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	78,898	78,898
Williamsburg Bridge-BMT	-	-	4,318	47,052	100,145
Rutgers Tunnel-IND	-	-	-	40,427	40,427
Manhattan Bridge-BMT	-	-	3,447	121,812	153,758
Brooklyn Bridge	-	-	2,251	2,251	66,079
Cranberry Tunnel-IND	-	-	-	67,320	67,320
Clark Tunnel-IRT	-	-	-	40,210	40,210
Montague Tunnel-BMT	-	-	-	11,349	11,349
Joralemon Tunnel-IRT	-	-	-	51,629	51,629
Hugh L. Carey Tunnel	-	-	-	12,272	52,613
All Ferry Points	1,891	-	-	1,891	1,891
SECTOR TOTAL	1,891	-	10,016	475,111	664,319
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	51,359	51,359
Sixtieth St. Tunnel-BMT/IND	-	-	-	74,300	74,300
Ed Koch Queensboro Bridge-Tramway	-	2,278	3,385	6,656	45,028
Fifty-third St. Tunnel-IND	-	-	-	88,258	88,258
Steinway Tunnel-IRT	-	-	-	58,367	58,367
Queens Midtown Tunnel-IRT	-	-	-	5,313	68,583
Amtrak/LIRR Tunnels	-	-	-	55,619	55,619
All Ferry Points	4,173	-	-	4,173	4,173
SECTOR TOTAL	4,173	2,278	3,385	344,045	445,687
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	93,891	161,451
Amtrak/N.J. Transit Tunnels	-	-	-	42,033	42,033
Uptown PATH Tunnel	-	-	-	31,631	31,631
Holland Tunnel	-	-	-	1,185	50,920
Downtown PATH Tunnel	-	-	-	29,575	29,575
All Ferry Points	9,238	-	-	9,238	9,238
SECTOR TOTAL	9,238	-	-	207,553	324,848
Staten Island Ferry, Bicycle	17,390	-	263	17,653	17,653
TOTAL, ALL SECTORS	32,692	2,278	35,082	1,608,248	2,365,417

TABLE 15 A
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2021
EVENING PEAK HOUR (5-6 PM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN 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	4,306	-	-	-	-	-
York Avenue	749	-	-	-	73	-
First Avenue	1,749	-	-	546	57	-
Second Avenue	-	-	2,976	-	-	-
Third Avenue	1,883	-	-	26	357	-
Lexington Avenue- IRT	-	11,005	5,643	-	-	-
Park Ave	1,840	-	-	-	-	11,829
Madison Avenue	1,636	-	-	508	657	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	1,026	9,230	4,759	17	273	-
Eighth Avenue	720	8,230	4,092	-	31	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	1,807	-	-	-	178	-
West End Avenue	1,007	-	-	-	44	-
West Side Highway	2,859	-	-	-	-	43
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	19,582	28,465	17,470	1,097	1,670	11,872
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	9,464	-	-	-
Williamsburg Bridge-BMT	3,755	-	4,891	-	6	-
Rutgers Tunnel-IND	-	-	3,971	-	-	-
Manhattan Bridge-BMT	3,061	8,763	8,368	-	-	-
Brooklyn Bridge	3,635	-	-	-	-	-
Cranberry Tunnel-IND	-	-	9,071	-	-	-
Clark Tunnel-IRT	-	-	4,548	-	-	-
Montague Tunnel-BMT	-	-	1,751	-	-	-
Joralemon Tunnel-IRT	-	-	5,229	-	-	-
Hugh L. Carey Tunnel	3,487	-	-	2,997	-	-
	-	-	-	-	-	-
SECTOR TOTAL	13,938	8,763	47,293	2,997	6	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	5,097	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	8,936	-	-	-
Ed Koch Queensboro Bridge-Tramway	5,782	-	-	1,024	267	-
Fifty-third St. Tunnel-IND	-	-	10,680	-	-	-
Steinway Tunnel-IRT	-	-	11,150	-	-	-
Queens Midtown Tunnel-IRT	3,202	-	-	135	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	10,031
	-	-	-	-	-	-
SECTOR TOTAL	8,984	-	35,863	1,159	267	10,031
NEW JERSEY SECTOR						
Lincoln Tunnel	4,815	-	-	12,901	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	7,094
Uptown PATH Tunnel	-	-	4,892	-	-	-
Holland Tunnel	2,588	-	-	253	-	-
Downtown PATH Tunnel	-	-	5,465	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	7,403	-	10,357	13,154	-	7,094
	-	-	-	-	-	-
TOTAL, ALL SECTORS	49,907	37,228	110,983	18,407	1,943	28,997

Note: See note 1 on page II-0.

TABLE 15 A (Continued)

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2021
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	-	-	-	-	4,306
York Avenue	-	-	-	73	822
First Avenue	-	-	168	771	2,520
Second Avenue	-	-	18	2,994	2,994
Third Avenue	-	-	141	524	2,407
Lexington Avenue- IRT	-	-	4	16,652	16,652
Park Ave	-	-	17	11,846	13,686
Madison Avenue	-	-	131	1,296	2,932
Fifth Avenue	-	-	3	3	3
Sixth Avenue	-	-	382	382	382
Seventh Avenue	-	-	2	2	2
Broadway	-	-	16	14,295	15,321
Eighth Avenue	-	-	380	12,733	13,453
Columbus Avenue	-	-	13	13	13
Amsterdam Avenue	-	-	166	344	2,151
West End Avenue	-	-	15	59	1,066
West Side Highway	-	-	21	64	2,923
Hudson River Greenway	-	-	410	410	410
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
	-	-	-	-	-
SECTOR TOTAL	-	-	1,887	62,461	82,043
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	9,464	9,464
Williamsburg Bridge-BMT	-	-	457	5,354	9,109
Rutgers Tunnel-IND	-	-	-	3,971	3,971
Manhattan Bridge-BMT	-	-	422	17,553	20,614
Brooklyn Bridge	-	-	327	327	3,962
Cranberry Tunnel-IND	-	-	-	9,071	9,071
Clark Tunnel-IRT	-	-	-	4,548	4,548
Montague Tunnel-BMT	-	-	-	1,751	1,751
Joralemon Tunnel-IRT	-	-	-	5,229	5,229
Hugh L. Carey Tunnel	-	-	-	2,997	6,484
All Ferry Points	316	-	-	316	316
SECTOR TOTAL	316	-	1,206	60,581	74,519
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	5,097	5,097
Sixtieth St. Tunnel-BMT/IND	-	-	-	8,936	8,936
Ed Koch Queensboro Bridge-Tramway	-	329	378	1,998	7,780
Fifty-third St. Tunnel-IND	-	-	-	10,680	10,680
Steinway Tunnel-IRT	-	-	-	11,150	11,150
Queens Midtown Tunnel-IRT	-	-	-	135	3,337
Amtrak/LIRR Tunnels	-	-	-	10,031	10,031
All Ferry Points	591	-	-	591	591
SECTOR TOTAL	591	329	378	48,618	57,602
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	12,901	17,716
Amtrak/N.J. Transit Tunnels	-	-	-	7,094	7,094
Uptown PATH Tunnel	-	-	-	4,892	4,892
Holland Tunnel	-	-	-	253	2,841
Downtown PATH Tunnel	-	-	-	5,465	5,465
All Ferry Points	1,864	-	-	1,864	1,864
SECTOR TOTAL	1,864	-	-	32,469	39,872
Staten Island Ferry, Bicycle	2,693	-	42	2,735	2,735
TOTAL, ALL SECTORS	5,464	329	3,513	206,864	256,771

TABLE 15 B
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2021
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
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	12,465	-	-	-	-	-
York Avenue	2,327	-	-	-	187	-
First Avenue	4,998	-	-	1,640	222	-
Second Avenue	-	-	8,856	-	-	-
Third Avenue	5,561	-	-	49	995	-
Lexington Avenue- IRT	-	30,327	15,166	-	-	-
Park Ave	5,254	-	-	-	-	25,679
Madison Avenue	4,785	-	-	1,321	1,427	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	3,070	23,902	13,837	24	707	-
Eighth Avenue	2,241	21,711	10,529	-	131	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	5,273	-	-	-	386	-
West End Avenue	2,859	-	-	-	150	-
West Side Highway	8,846	-	-	-	-	113
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	57,679	75,940	48,388	3,034	4,205	25,792
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	26,930	-	-	-
Williamsburg Bridge-BMT	11,043	-	13,830	-	10	-
Rutgers Tunnel-IND	-	-	11,104	-	-	-
Manhattan Bridge-BMT	9,091	21,906	23,682	-	-	-
Brooklyn Bridge	10,393	-	-	-	-	-
Cranberry Tunnel-IND	-	-	22,406	-	-	-
Clark Tunnel-IRT	-	-	12,885	-	-	-
Montague Tunnel-BMT	-	-	4,365	-	-	-
Joralemon Tunnel-IRT	-	-	13,236	-	-	-
Hugh L. Carey Tunnel	10,261	-	-	7,057	-	-
	-	-	-	-	-	-
SECTOR TOTAL	40,788	21,906	128,438	7,057	10	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	15,951	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	24,730	-	-	-
Ed Koch Queensboro Bridge-Tramway	16,988	-	-	2,433	722	-
Fifty-third St. Tunnel-IND	-	-	29,206	-	-	-
Steinway Tunnel-IRT	-	-	27,392	-	-	-
Queens Midtown Tunnel-IRT	10,683	-	-	329	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	22,626
	-	-	-	-	-	-
SECTOR TOTAL	27,671	-	97,279	2,762	722	22,626
NEW JERSEY SECTOR						
Lincoln Tunnel	14,839	-	-	33,359	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	18,821
Uptown PATH Tunnel	-	-	12,479	-	-	-
Holland Tunnel	7,563	-	-	703	-	-
Downtown PATH Tunnel	-	-	13,504	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	22,402	-	25,983	34,062	-	18,821
	-	-	-	-	-	-
TOTAL, ALL SECTORS	148,540	97,846	300,088	46,915	4,937	67,239

Note: See note 1 on page II-0.

TABLE 15 B (Continued)
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2021
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	-	-	-	-	12,465
York Avenue	-	-	-	187	2,514
First Avenue	-	-	452	2,314	7,312
Second Avenue	-	-	50	8,906	8,906
Third Avenue	-	-	480	1,524	7,085
Lexington Avenue- IRT	-	-	11	45,504	45,504
Park Ave	-	-	56	25,735	30,989
Madison Avenue	-	-	364	3,112	7,897
Fifth Avenue	-	-	13	13	13
Sixth Avenue	-	-	929	929	929
Seventh Avenue	-	-	13	13	13
Broadway	-	-	50	38,520	41,590
Eighth Avenue	-	-	1,043	33,414	35,655
Columbus Avenue	-	-	60	60	60
Amsterdam Avenue	-	-	464	850	6,123
West End Avenue	-	-	53	203	3,062
West Side Highway	-	-	52	165	9,011
Hudson River Greenway	-	-	1,117	1,117	1,117
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
SECTOR TOTAL	-	-	5,207	162,566	220,245
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	26,930	26,930
Williamsburg Bridge-BMT	-	-	1,356	15,196	26,239
Rutgers Tunnel-IND	-	-	-	11,104	11,104
Manhattan Bridge-BMT	-	-	1,179	46,767	55,858
Brooklyn Bridge	-	-	794	794	11,187
Cranberry Tunnel-IND	-	-	-	22,406	22,406
Clark Tunnel-IRT	-	-	-	12,885	12,885
Montague Tunnel-BMT	-	-	-	4,365	4,365
Joralemon Tunnel-IRT	-	-	-	13,236	13,236
Hugh L. Carey Tunnel	-	-	-	7,057	17,318
All Ferry Points	732	-	-	732	732
SECTOR TOTAL	732	-	3,329	161,472	202,260
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	15,951	15,951
Sixtieth St. Tunnel-BMT/IND	-	-	-	24,730	24,730
Ed Koch Queensboro Bridge-Tramway	-	902	1,035	5,092	22,080
Fifty-third St. Tunnel-IND	-	-	-	29,206	29,206
Steinway Tunnel-IRT	-	-	-	27,392	27,392
Queens Midtown Tunnel-IRT	-	-	-	329	11,012
Amtrak/LIRR Tunnels	-	-	-	22,626	22,626
All Ferry Points	1,539	-	-	1,539	1,539
SECTOR TOTAL	1,539	902	1,035	126,865	154,536
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	33,359	48,198
Amtrak/N.J. Transit Tunnels	-	-	-	18,821	18,821
Uptown PATH Tunnel	-	-	-	12,479	12,479
Holland Tunnel	-	-	-	703	8,266
Downtown PATH Tunnel	-	-	-	13,504	13,504
All Ferry Points	4,509	-	-	4,509	4,509
SECTOR TOTAL	4,509	-	-	83,375	105,777
Staten Island Ferry, Bicycle	7,043	-	102	7,145	7,145
TOTAL, ALL SECTORS	13,823	902	9,673	541,423	689,963

TABLE 15 C
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2021
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	80,125	-	-	-	-	-
York Avenue	14,956	-	-	-	916	-
First Avenue	30,274	-	-	5,141	1,358	-
Second Avenue	-	-	38,930	-	-	-
Third Avenue	33,878	-	-	120	3,417	-
Lexington Avenue- IRT	-	90,391	71,787	-	-	-
Park Ave	23,964	-	-	-	-	48,357
Madison Avenue	24,490	-	-	2,376	3,696	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	16,113	79,577	63,070	51	2,174	-
Eighth Avenue	13,426	75,406	35,336	-	393	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	24,891	-	-	-	1,416	-
West End Avenue	9,572	-	-	-	669	-
West Side Highway	56,781	-	-	-	-	492
Hudson River Greenway	-	-	-	-	-	-
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-	-
SECTOR TOTAL	328,470	245,374	209,123	7,688	14,039	48,849
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	79,949	-	-	-
Williamsburg Bridge-BMT	62,479	-	37,511	-	70	-
Rutgers Tunnel-IND	-	-	36,202	-	-	-
Manhattan Bridge-BMT	62,679	56,566	67,272	-	-	-
Brooklyn Bridge	68,039	-	-	-	-	-
Cranberry Tunnel-IND	-	-	57,272	-	-	-
Clark Tunnel-IRT	-	-	35,901	-	-	-
Montague Tunnel-BMT	-	-	14,152	-	-	-
Joralemon Tunnel-IRT	-	-	40,223	-	-	-
Hugh L. Carey Tunnel	36,992	-	-	11,972	-	-
	-	-	-	-	-	-
SECTOR TOTAL	230,189	56,566	368,482	11,972	70	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	43,244	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	64,388	-	-	-
Ed Koch Queensboro Bridge-Tramway	90,062	-	-	3,469	1,971	-
Fifty-third St. Tunnel-IND	-	-	84,464	-	-	-
Steinway Tunnel-IRT	-	-	69,582	-	-	-
Queens Midtown Tunnel-IRT	52,273	-	-	444	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	53,610
	-	-	-	-	-	-
SECTOR TOTAL	142,335	-	261,678	3,913	1,971	53,610
NEW JERSEY SECTOR						
Lincoln Tunnel	68,486	-	-	85,940	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	42,481
Uptown PATH Tunnel	-	-	29,811	-	-	-
Holland Tunnel	47,767	-	-	1,117	-	-
Downtown PATH Tunnel	-	-	28,328	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	116,253	-	58,139	87,057	-	42,481
	-	-	-	-	-	-
TOTAL, ALL SECTORS	817,247	301,940	897,422	110,630	16,080	144,940

Note: See note 1 on page II-0.

TABLE 15 C (Continued)

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2021

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	-	-	-	-	80,125
York Avenue	-	-	-	916	15,872
First Avenue	-	-	1,832	8,331	38,605
Second Avenue	-	-	269	39,199	39,199
Third Avenue	-	-	2,189	5,726	39,604
Lexington Avenue- IRT	-	-	57	162,235	162,235
Park Ave	-	-	313	48,670	72,634
Madison Avenue	-	-	1,409	7,481	31,971
Fifth Avenue	-	-	53	53	53
Sixth Avenue	-	-	3,776	3,776	3,776
Seventh Avenue	-	-	83	83	83
Broadway	-	-	258	145,130	161,243
Eighth Avenue	-	-	4,104	115,239	128,665
Columbus Avenue	-	-	291	291	291
Amsterdam Avenue	-	-	1,713	3,129	28,020
West End Avenue	-	-	205	874	10,446
West Side Highway	-	-	145	637	57,418
Hudson River Greenway	-	-	3,162	3,162	3,162
Ed Koch Queensboro Bridge Ramp	-	-	-	-	-
	-	-	-	-	-
SECTOR TOTAL	-	-	19,859	544,932	873,402
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	79,949	79,949
Williamsburg Bridge-BMT	-	-	4,216	41,797	104,276
Rutgers Tunnel-IND	-	-	-	36,202	36,202
Manhattan Bridge-BMT	-	-	3,623	127,461	190,140
Brooklyn Bridge	-	-	2,142	2,142	70,181
Cranberry Tunnel-IND	-	-	-	57,272	57,272
Clark Tunnel-IRT	-	-	-	35,901	35,901
Montague Tunnel-BMT	-	-	-	14,152	14,152
Joralemon Tunnel-IRT	-	-	-	40,223	40,223
Hugh L. Carey Tunnel	-	-	-	11,972	48,964
All Ferry Points	1,646	-	-	1,646	1,646
SECTOR TOTAL	1,646	-	9,981	448,717	678,906
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	43,244	43,244
Sixtieth St. Tunnel-BMT/IND	-	-	-	64,388	64,388
Ed Koch Queensboro Bridge-Tramway	-	2,409	3,257	11,106	101,168
Fifty-third St. Tunnel-IND	-	-	-	84,464	84,464
Steinway Tunnel-IRT	-	-	-	69,582	69,582
Queens Midtown Tunnel-IRT	-	-	-	444	52,717
Amtrak/LIRR Tunnels	-	-	-	53,610	53,610
All Ferry Points	3,887	-	-	3,887	3,887
SECTOR TOTAL	3,887	2,409	3,257	330,725	473,060
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	85,940	154,426
Amtrak/N.J. Transit Tunnels	-	-	-	42,481	42,481
Uptown PATH Tunnel	-	-	-	29,811	29,811
Holland Tunnel	-	-	-	1,117	48,884
Downtown PATH Tunnel	-	-	-	28,328	28,328
All Ferry Points	8,599	-	-	8,599	8,599
SECTOR TOTAL	8,599	-	-	196,276	312,529
Staten Island Ferry, Bicycle	17,336	-	302	17,638	17,638
TOTAL, ALL SECTORS	31,468	2,409	33,399	1,538,288	2,355,535

TABLE 16
WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2021

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	4,978	14,672	80,882	-	-	-	4,978	14,672	80,882
YORK AVENUE	478	1,339	10,638	8	21	101	486	1,360	10,739
SECOND AVENUE	1,291	3,879	33,656	24	72	301	1,315	3,951	33,957
ED KOCH QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LEXINGTON AVENUE	834	2,347	15,545	23	69	370	857	2,416	15,915
PARK AVENUE	1,343	3,599	18,521	-	-	-	1,343	3,599	18,521
FIFTH AVENUE	1,073	3,007	17,044	68	197	710	1,141	3,204	17,754
CENTRAL PARK DRIVE AND 7TH AVENUE *	-	-	-	-	-	-	-	-	-
BROADWAY	449	1,252	8,157	29	76	416	478	1,328	8,573
COLUMBUS AVENUE	844	2,399	14,581	6	17	89	850	2,416	14,670
WEST END AVENUE	633	1,636	8,947	5	15	78	638	1,651	9,025
WEST SIDE HIGHWAY	4,363	12,472	59,112	-	-	-	4,363	12,472	59,112
SECTOR TOTAL	16,286	46,602	267,083	163	467	2,065	16,449	47,069	269,148
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,146	6,554	42,929	1	4	23	2,147	6,558	42,952
MANHATTAN BRIDGE	1,552	4,380	25,778	-	-	-	1,552	4,380	25,778
BROOKLYN BRIDGE	2,891	8,583	55,840	-	-	-	2,891	8,583	55,840
HUGH L. CAREY TUNNEL	3,220	9,738	35,620	148	361	675	3,368	10,099	36,295
SECTOR TOTAL	9,809	29,255	160,167	149	365	698	9,958	29,620	160,865
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,392	10,253	47,014	107	274	421	3,499	10,527	47,435
ED KOCH QUEENSBORO BRIDGE	2,581	7,065	32,284	10	35	168	2,591	7,100	32,452
SECTOR TOTAL	5,973	17,318	79,298	117	309	589	6,090	17,627	79,887
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,570	7,688	40,777	14	32	120	2,584	7,720	40,897
LINCOLN TUNNEL	3,949	11,984	49,976	546	1,453	4,983	4,495	13,437	54,959
SECTOR TOTAL	6,519	19,672	90,753	560	1,485	5,103	7,079	21,157	95,856
TOTAL, ALL SECTORS	38,587	112,847	597,301	989	2,626	8,455	39,576	115,473	605,756

Notes:

- See note 1 on page II-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.
- 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 2021

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	3,310	9,747	65,114	-	-	-	3,310	9,747	65,114
YORK AVENUE	500	1,568	10,249	7	17	97	507	1,585	10,346
FIRST AVENUE	1,339	3,881	24,428	13	47	265	1,352	3,928	24,693
ED KOCH QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
THIRD AVENUE	1,135	3,444	23,024	24	69	331	1,159	3,513	23,355
PARK AVENUE	1,148	3,328	15,757	-	-	-	1,148	3,328	15,757
MADISON AVENUE	1,004	2,934	16,780	89	222	659	1,093	3,156	17,439
CENTRAL PARK DRIVE FROM 6TH AVENUE *	-	-	-	-	-	-	-	-	-
CENTRAL PARK WEST	391	1,194	7,596	10	28	120	401	1,222	7,716
BROADWAY	807	2,368	12,212	22	59	302	829	2,427	12,514
AMSTERDAM AVENUE	1,260	3,674	18,823	6	16	85	1,266	3,690	18,908
WEST END AVENUE	699	1,960	6,659	5	15	84	704	1,975	6,743
WEST SIDE HIGHWAY	2,419	7,494	48,783	-	-	-	2,419	7,494	48,783
SECTOR TOTAL	14,012	41,592	249,425	176	473	1,943	14,188	42,065	251,368
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,851	8,465	48,067	3	6	20	2,854	8,471	48,087
MANHATTAN BRIDGE	2,101	6,106	42,324	-	-	-	2,101	6,106	42,324
BROOKLYN BRIDGE	2,675	7,668	49,022	-	-	-	2,675	7,668	49,022
HUGH L. CAREY TUNNEL	2,963	8,797	31,695	151	365	666	3,114	9,162	32,361
SECTOR TOTAL	10,590	31,036	171,108	154	371	686	10,744	31,407	171,794
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,067	6,797	33,695	8	21	34	2,075	6,818	33,729
ED KOCH QUEENSBORO BRIDGE	4,810	14,283	72,607	101	252	527	4,911	14,535	73,134
SECTOR TOTAL	6,877	21,080	106,302	109	273	561	6,986	21,353	106,863
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,186	6,339	40,402	13	32	197	2,199	6,371	40,599
LINCOLN TUNNEL	3,569	10,903	48,379	471	1,219	4,701	4,040	12,122	53,080
SECTOR TOTAL	5,755	17,242	88,781	484	1,251	4,898	6,239	18,493	93,679
TOTAL, ALL SECTORS	37,234	110,950	615,616	923	2,368	8,088	38,157	113,318	623,704

Notes:

- See note 1 on page II-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.
- 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 2021

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	110	267	1,119	-	-	-	110	267	1,119
SECOND AVENUE	129	299	1,786	539	1,421	4,443	668	1,720	6,229
LEXINGTON AVENUE	218	583	2,958	67	225	511	285	808	3,469
FIFTH AVENUE	462	906	3,395	377	1,335	3,689	839	2,241	7,084
BROADWAY	222	563	2,274	18	56	229	240	619	2,503
COLUMBUS AVENUE	108	270	1,086	-	-	-	108	270	1,086
WEST END AVENUE	95	221	961	-	-	-	95	221	961
SECTOR TOTAL	1,344	3,109	13,579	1,001	3,037	8,872	2,345	6,146	22,451
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	5	16	178	-	-	-	5	16	178
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
HUGH L. CAREY TUNNEL	-	-	-	2,320	6,348	12,272	2,320	6,348	12,272
SECTOR TOTAL	5	16	178	2,320	6,348	12,272	2,325	6,364	12,450
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	1,214	3,592	5,313	1,214	3,592	5,313
ED KOCH QUEENSBORO BRIDGE	93	279	993	-	-	-	93	279	993
SECTOR TOTAL	93	279	993	1,214	3,592	5,313	1,307	3,871	6,306
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	243	613	1,185	243	613	1,185
LINCOLN TUNNEL	-	-	-	14,220	36,923	93,891	14,220	36,923	93,891
SECTOR TOTAL	-	-	-	14,463	37,536	95,076	14,463	37,536	95,076
TOTAL, ALL SECTORS	1,442	3,404	14,750	18,998	50,513	121,533	20,440	53,917	136,283

- Notes:
- See note 1 on page II-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.
 - 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 2021

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	73	187	916	-	-	-	73	187	916
FIRST AVENUE	57	222	1,358	546	1,640	5,141	603	1,862	6,499
THIRD AVENUE	357	995	3,417	26	49	120	383	1,044	3,537
MADISON AVENUE	657	1,427	3,696	508	1,321	2,376	1,165	2,748	6,072
CENTRAL PARK WEST	31	131	393	-	-	-	31	131	393
BROADWAY	273	707	2,174	17	24	51	290	731	2,225
AMSTERDAM AVENUE	178	386	1,416	-	-	-	178	386	1,416
WEST END AVENUE	44	150	669	-	-	-	44	150	669
SECTOR TOTAL	1,670	4,205	14,039	1,097	3,034	7,688	2,767	7,239	21,727
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	6	10	70	-	-	-	6	10	70
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
HUGH L. CAREY TUNNEL	-	-	-	2,997	7,057	11,972	2,997	7,057	11,972
SECTOR TOTAL	6	10	70	2,997	7,057	11,972	3,003	7,067	12,042
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	135	329	444	135	329	444
ED KOCH QUEENSBORO BRIDGE	267	722	1,971	1,024	2,433	3,469	1,291	3,155	5,440
SECTOR TOTAL	267	722	1,971	1,159	2,762	3,913	1,426	3,484	5,884
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	253	703	1,117	253	703	1,117
LINCOLN TUNNEL	-	-	-	12,901	33,359	85,940	12,901	33,359	85,940
SECTOR TOTAL	-	-	-	13,154	34,062	87,057	13,154	34,062	87,057
TOTAL, ALL SECTORS	1,943	4,937	16,080	18,407	46,915	110,630	20,350	51,852	126,710

Notes:

- See note 1 on page II-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.
- 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 20
LEVEL OF COMFORT ⁽¹⁾ AND FREQUENCY OF SERVICE ⁽²⁾
FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2020 AND 2021
DURING THE 8AM-9AM PEAK HOUR

	SERVICE OPERATION				FLOOR SPACE		NUMBER OF PSGR		PASSENGERS		AVG FLOOR SPACE (1)		AVERAGE HEADWAY (2)	
	TRAINS, ETC.		RAILCARS, BUSES		SQ. FT.		PASSENGERS		PER RAILCAR, BUS		PER PSGR SQ. FT.		MINUTES	
	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021
60TH STREET SECTOR														
SECOND AVE LOCAL (3)	9	9	72	72	31,680	31,680	1,821	5,072	25	70	17	6	7	7
LEXINGTON AVE EXPRESS	22	22	220	220	96,800	96,800	5,536	10,935	25	50	17	9	3	3
LEXINGTON AVE LOCAL	20	19	200	190	88,000	83,600	3,856	7,038	19	37	23	12	3	3
EIGHTH AVE EXPRESS	19	16	152	128	114,000	96,000	6,291	11,166	41	87	18	9	3	4
EIGHTH AVE LOCAL	11	11	88	88	59,576	59,576	1,245	5,118	14	58	48	12	5	5
BROADWAY/7TH AVE EXPRESS	18	23	180	230	79,200	101,200	4,634	10,720	26	47	17	9	3	3
BROADWAY/7TH AVE LOCAL	18	16	180	160	79,200	70,400	2,474	5,900	14	37	32	12	3	4
MTA/AMTRAK TUN.	22	33	166	267	99,932	160,734	3,822	12,913	23	48	26	12	3	2
BUSES	-	-	157	163	51,100	53,020	1,399	2,345	9	14	37	23	0	0
SECTOR AVERAGE	139	149	1,415	1,518	699,488	753,010	31,078	71,207	22	50	23	11	4	4
BROOKLYN SECTOR														
14TH ST. TUNNEL	20	17	160	136	96,320	81,872	5,699	10,743	36	79	17	8	3	4
WILLIAMSBURG BRIDGE	21	21	168	168	101,136	101,136	3,849	7,722	23	46	26	13	3	3
RUTGERS ST. TUNNEL	8	9	80	90	57,040	64,170	2,193	4,505	27	50	26	14	8	7
MANHATTAN BRIDGE	37	35	296	280	197,432	186,760	10,285	18,783	35	67	19	10	2	2
CRANBERRY ST. TUNNEL	21	19	168	152	116,592	105,488	4,684	10,152	28	67	25	10	3	3
CLARK ST. TUNNEL	17	16	170	160	74,800	70,400	2,815	6,031	17	38	27	12	4	4
MONTAGUE ST. TUNNEL	12	10	116	100	69,832	60,200	647	1,785	6	18	108	34	5	6
JORALEMON ST. TUNNEL	21	22	210	220	92,400	96,800	3,597	7,570	17	34	26	13	3	3
BUSES	-	-	149	149	48,140	48,160	1,339	2,325	9	16	36	21	0	0
SECTOR AVERAGE	157	149	1,517	1,455	853,692	814,986	35,108	69,616	22	46	24	12	4	4
QUEENS SECTOR														
60TH STREET TUNNEL	23	20	204	178	122,808	107,156	6,979	12,825	34	72	18	8	3	3
53RD STREET TUNNEL	21	21	192	196	115,584	117,992	7,023	12,003	37	61	16	10	3	3
STEINWAY TUNNEL	26	26	286	286	125,840	125,840	5,720	10,592	20	37	22	12	2	2
63RD STREET TUNNEL	8	13	80	130	57,040	92,690	2,898	7,549	36	58	20	12	8	5
LIRR/AMTRAK TUNNELS	36	27	365	273	219,730	164,346	5,843	10,697	16	39	38	15	2	2
BUSES	-	-	126	117	42,520	39,480	901	1,307	7	11	47	30	0	0
SECTOR AVERAGE	114	107	1,253	1,180	683,522	647,504	29,364	54,973	25	46	23	12	3	3
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	23	23	174	174	64,032	64,032	2,425	6,615	14	38	26	10	3	3
PATH UPTOWN TUNNEL	21	21	147	147	54,096	54,096	2,527	6,382	17	43	21	8	3	3
N.J. TRANSIT/AMTRAK TUNNEL	21	20	192	178	115,584	107,156	3,189	8,138	17	46	36	13	3	3
BUSES	-	-	547	560	175,040	179,200	5,962	14,463	11	26	29	12	0	0
SECTOR AVERAGE	65	64	1,060	1,059	408,752	404,484	14,103	35,598	15	38	29	11	3	3
STATEN ISLAND FERRY (4)	4	4	4	4	80,000	80,000	1,228	2,186	307	547	65	37	15	15
ROOSEVELT ISLAND TRAMWAY (4)	8	8	8	8	2,075	2,075	486	301	61	38	4	7	8	8
TOTAL/AVERAGE, ALL SECTORS	487	481	5,257	5,224	2,727,529	2,702,059	111,367	233,881	21	45	24	12	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.

(4) Staten Island Ferry and the Roosevelt island Tram run a fixed number of times and therefore they remain constant each year and are added to each public transportation category.

TABLE 21A
TOTAL PERSONS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN 2019, 2020, AND 2021

HOURS	2019			2020			2021		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	28,075	53,514	81,589	13,979	24,710	38,689	19,517	38,681	58,198
1:00am	17,069	36,846	53,915	8,651	11,888	20,539	11,092	23,079	34,171
2:00am	13,637	19,434	33,071	7,439	7,503	14,942	8,522	13,098	21,620
3:00am	12,962	16,854	29,816	8,206	7,318	15,524	7,598	9,488	17,086
4:00am	27,453	19,464	46,917	13,645	9,203	22,848	16,338	12,515	28,853
5:00am	94,149	37,126	131,275	64,500	24,738	89,238	69,043	30,573	99,616
6:00am	236,976	84,128	321,104	135,153	62,458	197,611	156,187	70,655	226,842
7:00am	412,602	147,800	560,402	160,088	84,610	244,698	245,333	110,752	356,085
8:00am	619,503	162,644	782,147	166,395	86,359	252,754	288,520	114,654	403,174
9:00am	411,450	132,305	543,755	118,388	64,262	182,650	180,922	89,619	270,541
10:00am	214,907	111,808	326,715	89,492	62,006	151,498	121,195	76,763	197,958
11:00am	165,256	112,292	277,548	77,606	63,142	140,748	103,621	77,161	180,782
12:00pm	151,866	127,663	279,529	74,577	67,896	142,473	96,976	85,848	182,824
1:00pm	146,281	140,656	286,937	80,988	78,147	159,135	102,571	97,394	199,965
2:00pm	156,835	180,497	337,332	89,011	101,656	190,667	117,130	120,279	237,409
3:00pm	180,316	250,764	431,080	97,164	134,306	231,470	128,761	175,279	304,040
4:00pm	193,037	328,573	521,610	98,723	159,412	258,135	135,097	213,067	348,164
5:00pm	202,014	490,230	692,244	95,574	173,178	268,752	141,404	256,771	398,175
6:00pm	168,580	453,602	622,182	80,247	147,441	227,688	123,711	220,125	343,836
7:00pm	119,942	295,956	415,898	61,880	103,226	165,106	90,602	152,505	243,107
8:00pm	89,428	211,163	300,591	46,510	73,907	120,417	63,676	117,782	181,458
9:00pm	75,742	164,468	240,210	39,120	57,120	96,240	53,246	93,769	147,015
10:00pm	68,452	133,929	202,381	35,660	50,061	85,721	49,852	86,861	136,713
11:00pm	49,176	96,666	145,842	25,308	45,203	70,511	34,503	68,817	103,320
TOTAL	3,855,708	3,808,382	7,664,090	1,688,304	1,699,750	3,388,054	2,365,417	2,355,535	4,720,952

Note: See note 1 on page II-0.

TABLE 21B
CUMULATIVE NUMBER OF PERSONS ENTERING THE HUB,
AT PEAK ACCUMULATION 1991-2021

YEAR	TOTAL ACCUMULATION	AT
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
2021	610,279	2:00pm

Note: See notes 1 and 2 on page II-0.

TABLE 22A
TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN 2019, 2020, AND 2021

HOURS	2019			2020			2021		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	7,300	23,762	31,062	3,751	9,244	12,995	6,505	19,254	25,759
1:00am	4,219	17,531	21,750	1,318	2,993	4,311	3,389	11,148	14,537
2:00am	4,526	5,880	10,406	709	461	1,170	2,854	4,869	7,723
3:00am	3,591	4,772	8,363	695	570	1,265	1,975	2,220	4,195
4:00am	12,085	4,946	17,031	2,115	498	2,613	6,821	2,482	9,303
5:00am	59,998	15,811	75,809	36,323	9,529	45,852	41,956	11,724	53,680
6:00am	186,201	51,121	237,322	90,487	33,394	123,881	115,262	39,803	155,065
7:00am	356,620	108,276	464,896	109,293	47,322	156,615	196,655	71,721	268,376
8:00am	560,994	123,583	684,577	112,314	47,017	159,331	236,670	74,462	311,132
9:00am	356,711	93,462	450,173	70,766	29,526	100,292	132,664	51,020	183,684
10:00am	165,387	70,887	236,274	48,212	23,656	71,868	78,590	38,226	116,816
11:00am	118,822	69,772	188,594	38,065	24,188	62,253	62,642	37,730	100,372
12:00pm	107,071	82,783	189,854	35,877	27,105	62,982	56,748	44,930	101,678
1:00pm	102,680	92,647	195,327	41,035	35,009	76,044	61,334	53,747	115,081
2:00pm	111,943	128,404	240,347	46,816	51,360	98,176	74,342	71,115	145,457
3:00pm	135,330	195,274	330,604	54,707	79,567	134,274	86,486	123,046	209,532
4:00pm	147,080	270,647	417,727	57,718	102,295	160,013	92,888	160,413	253,301
5:00pm	155,085	433,536	588,621	54,403	114,383	168,786	98,533	203,393	301,926
6:00pm	119,952	394,560	514,512	40,720	90,000	130,720	81,165	168,046	249,211
7:00pm	73,859	238,154	312,013	26,358	56,081	82,439	51,235	103,611	154,846
8:00pm	45,884	155,173	201,057	16,297	36,476	52,773	29,499	74,324	103,823
9:00pm	34,123	110,685	144,808	13,247	25,337	38,584	22,129	53,289	75,418
10:00pm	27,952	83,599	111,551	12,630	21,529	34,159	21,507	48,876	70,383
11:00pm	16,345	53,858	70,203	7,672	19,784	27,456	11,580	35,742	47,322
TOTAL	2,913,758	2,829,123	5,742,881	921,528	887,324	1,808,852	1,573,429	1,505,191	3,078,620

Note: See note 1 on page II-0.

TABLE 22B
CUMULATIVE NUMBER OF PASSENGERS ENTERING AND LEAVING THE HUB
BY PUBLIC TRANSPORTATION, AT PEAK ACCUMULATION, 1991-2021

YEAR	TOTAL ACCUMULATION	AT
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
2021	532,132	3:00pm

Note: See notes 1 and 2 on page II-0.

TABLE 23A
TOTAL PRIVATE MOTOR VEHICLES ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN YEARS 2019, 2020, AND 2021

HOURS	2019			2020			2021		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	16,446	22,327	38,773	7,970	11,639	19,609	10,088	14,476	24,564
1:00am	10,212	14,516	24,728	5,783	6,760	12,543	5,988	8,904	14,892
2:00am	7,223	10,231	17,454	5,365	5,413	10,778	4,423	6,153	10,576
3:00am	7,453	9,139	16,592	6,015	5,209	11,224	4,361	5,425	9,786
4:00am	12,269	11,073	23,342	9,208	6,730	15,938	7,362	7,494	14,856
5:00am	28,061	16,271	44,332	23,123	11,559	34,682	21,159	14,092	35,251
6:00am	41,896	24,974	66,870	36,584	21,895	58,479	33,049	22,780	55,829
7:00am	44,305	29,569	73,874	39,703	27,604	67,307	37,875	28,628	66,503
8:00am	43,753	28,775	72,528	40,684	28,741	69,425	38,587	29,191	67,778
9:00am	41,383	28,388	69,771	35,810	25,123	60,933	36,385	27,900	64,285
10:00am	37,905	30,235	68,140	30,853	28,154	59,007	32,325	28,210	60,535
11:00am	35,719	31,312	67,031	29,302	28,514	57,816	30,908	29,011	59,919
12:00pm	33,693	32,718	66,411	28,279	29,508	57,787	29,733	29,752	59,485
1:00pm	33,031	35,535	68,566	29,488	31,762	61,250	30,619	32,078	62,697
2:00pm	34,238	38,363	72,601	31,318	36,584	67,902	31,847	35,839	67,686
3:00pm	34,698	41,428	76,126	31,858	40,090	71,948	32,033	38,561	70,594
4:00pm	34,953	42,148	77,101	30,298	40,653	70,951	31,254	37,745	68,999
5:00pm	35,110	39,585	74,695	29,554	40,732	70,286	30,664	37,234	67,898
6:00pm	37,043	40,255	77,298	28,759	39,331	68,090	31,189	35,971	67,160
7:00pm	35,491	40,636	76,127	26,441	32,944	59,385	29,224	34,380	63,604
8:00pm	33,338	40,356	73,694	22,586	26,729	49,315	25,522	31,087	56,609
9:00pm	32,300	39,302	71,602	19,536	22,595	42,131	23,538	29,056	52,594
10:00pm	31,624	36,979	68,603	17,567	20,406	37,973	21,638	27,513	49,151
11:00pm	25,790	31,610	57,400	13,476	18,458	31,934	17,530	24,136	41,666
TOTAL	727,934	715,725	1,443,659	579,560	587,133	1,166,693	597,301	615,616	1,212,917

Note: See note 1 on page II-0.

TABLE 23B
CUMULATIVE NUMBER OF MOTOR VEHICLES ENTERING AND LEAVING THE HUB
AT PEAK ACCUMULATION, 1991-2021

YEAR	TOTAL ACCUMULATION	AT
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
2021	57,640	1:00pm

Notes:

- See notes 1 and 2 on page II-0.
- The 2021 Hub Bound survey data show that impacts on travel behavior triggered by the COVID-19 pandemic still remain. There was a notable decrease in motor vehicle counts in 2021 compared to 2020. With the easing of social distancing restrictions, it appears that a portion of the population returning back to the office switched their transportation mode from motor vehicles to public transportation.

TABLE 24
TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2021

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	12,913	5,611	319	510	58	7	99	19,517
1:00am	7,670	2,880	242	221	45	1	33	11,092
2:00am	5,648	2,072	249	493	40	0	20	8,522
3:00am	5,589	1,418	436	70	51	0	34	7,598
4:00am	9,446	4,761	1,458	440	162	0	71	16,338
5:00am	26,833	29,265	7,955	3,881	848	7	254	69,043
6:00am	39,770	80,021	17,558	14,721	2,902	60	1,155	156,187
7:00am	46,466	143,358	23,864	23,948	5,218	267	2,212	245,333
8:00am	48,837	179,206	20,440	31,748	4,975	301	3,013	288,520
9:00am	45,962	104,604	9,613	15,760	2,481	206	2,296	180,922
10:00am	40,649	65,772	4,675	6,695	1,353	95	1,956	121,195
11:00am	38,886	52,225	3,976	5,091	1,219	131	2,093	103,621
12:00pm	38,179	47,065	3,648	4,637	1,283	115	2,049	96,976
1:00pm	39,251	51,136	4,462	3,997	1,616	123	1,986	102,571
2:00pm	40,805	63,079	5,041	4,474	1,627	121	1,983	117,130
3:00pm	40,375	74,575	6,240	3,611	1,906	154	1,900	128,761
4:00pm	40,177	79,503	6,284	5,370	1,598	133	2,032	135,097
5:00pm	40,110	83,860	6,325	6,235	1,947	166	2,761	141,404
6:00pm	39,901	67,771	5,730	6,131	1,411	122	2,645	123,711
7:00pm	37,193	42,981	2,657	4,592	918	87	2,174	90,602
8:00pm	32,481	25,390	1,732	1,753	568	56	1,696	63,676
9:00pm	29,975	18,335	1,584	1,857	331	22	1,142	53,246
10:00pm	27,598	18,409	1,162	1,603	277	56	747	49,852
11:00pm	22,455	9,730	633	1,048	121	48	468	34,503
TOTAL	757,169	1,253,027	136,283	148,886	32,955	2,278	34,819	2,365,417

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 2021

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	19,108	16,187	1,200	1,530	326	11	319	38,681
1:00am	11,796	9,728	484	744	187	5	135	23,079
2:00am	8,151	4,350	252	188	78	1	78	13,098
3:00am	7,216	1,782	145	250	43	0	52	9,488
4:00am	10,007	2,106	173	129	74	0	26	12,515
5:00am	18,800	9,567	1,081	902	172	2	49	30,573
6:00am	30,331	34,202	2,918	2,156	498	29	521	70,655
7:00am	38,119	61,890	5,678	3,237	880	36	912	110,752
8:00am	39,019	63,142	6,743	3,512	984	81	1,173	114,654
9:00am	37,641	42,228	4,720	3,217	792	63	958	89,619
10:00am	37,519	31,119	3,244	2,627	1,154	82	1,018	76,763
11:00am	38,149	31,617	2,635	2,389	1,000	89	1,282	77,161
12:00pm	39,216	37,327	3,016	3,328	1,140	119	1,702	85,848
1:00pm	41,806	44,212	3,786	4,425	1,217	107	1,841	97,394
2:00pm	47,342	55,746	5,972	7,644	1,581	172	1,822	120,279
3:00pm	50,186	97,203	9,927	13,356	2,346	214	2,047	175,279
4:00pm	50,188	123,283	15,408	17,022	4,445	255	2,466	213,067
5:00pm	49,907	148,211	20,350	28,997	5,506	329	3,471	256,771
6:00pm	48,445	126,440	16,094	21,220	3,974	318	3,634	220,125
7:00pm	46,054	82,354	8,977	9,850	2,250	180	2,840	152,505
8:00pm	41,269	60,389	5,857	6,799	1,154	125	2,189	117,782
9:00pm	38,556	44,891	3,072	4,378	867	81	1,924	93,769
10:00pm	36,468	41,449	2,676	4,090	590	71	1,517	86,861
11:00pm	31,954	29,939	2,302	2,950	512	39	1,121	68,817
TOTAL	817,247	1,199,362	126,710	144,940	31,770	2,409	33,097	2,355,535

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 2021

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	9,103	6,332	2,191	1,826	58	7	19,517
1:00am	4,830	3,933	1,000	1,283	45	1	11,092
2:00am	3,205	3,072	1,036	1,169	40	0	8,522
3:00am	3,160	2,123	1,016	1,248	51	0	7,598
4:00am	5,994	4,466	2,578	3,138	162	0	16,338
5:00am	21,130	17,862	13,645	15,676	723	7	69,043
6:00am	45,948	41,184	37,704	29,365	1,926	60	156,187
7:00am	72,679	71,314	56,461	41,726	2,886	267	245,333
8:00am	93,998	82,609	63,418	46,008	2,186	301	288,520
9:00am	58,228	54,849	39,251	27,483	905	206	180,922
10:00am	45,276	35,037	25,097	14,955	735	95	121,195
11:00am	41,037	29,295	19,809	12,614	735	131	103,621
12:00pm	40,148	28,496	16,098	11,409	710	115	96,976
1:00pm	43,688	28,594	17,400	11,873	893	123	102,571
2:00pm	49,793	32,933	21,292	12,118	873	121	117,130
3:00pm	58,771	34,603	21,514	12,617	1,102	154	128,761
4:00pm	61,094	35,338	22,974	14,682	876	133	135,097
5:00pm	64,214	36,759	22,718	16,819	728	166	141,404
6:00pm	55,229	32,335	19,252	16,198	575	122	123,711
7:00pm	41,309	24,539	13,023	11,150	494	87	90,602
8:00pm	30,817	17,508	8,381	6,522	392	56	63,676
9:00pm	24,793	14,776	7,135	6,295	225	22	53,246
10:00pm	21,993	15,746	6,301	5,535	221	56	49,852
11:00pm	16,473	10,616	4,115	3,139	112	48	34,503
TOTAL	912,910	664,319	443,409	324,848	17,653	2,278	2,365,417

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 2021

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	13,463	11,198	8,865	4,818	326	11	38,681
1:00am	8,678	6,632	4,941	2,636	187	5	23,079
2:00am	4,658	3,954	2,722	1,685	78	1	13,098
3:00am	3,444	2,695	2,025	1,281	43	0	9,488
4:00am	4,352	3,891	2,567	1,631	74	0	12,515
5:00am	10,861	9,749	6,079	3,710	172	2	30,573
6:00am	29,360	21,407	12,460	6,954	445	29	70,655
7:00am	53,921	29,371	16,119	10,920	385	36	110,752
8:00am	53,033	31,663	16,121	13,343	413	81	114,654
9:00am	41,457	24,696	12,252	10,886	265	63	89,619
10:00am	34,575	20,664	11,910	9,119	413	82	76,763
11:00am	33,320	21,306	12,673	9,218	555	89	77,161
12:00pm	35,852	24,270	14,368	10,550	689	119	85,848
1:00pm	39,355	26,318	18,543	12,251	820	107	97,394
2:00pm	46,301	31,345	25,151	16,298	1,012	172	120,279
3:00pm	62,503	49,431	39,238	22,503	1,390	214	175,279
4:00pm	68,124	62,159	48,995	30,909	2,625	255	213,067
5:00pm	82,043	74,519	57,273	39,872	2,735	329	256,771
6:00pm	70,078	65,582	47,366	34,996	1,785	318	220,125
7:00pm	49,907	47,600	32,334	21,358	1,126	180	152,505
8:00pm	38,585	36,508	25,359	16,540	665	125	117,782
9:00pm	32,949	29,413	18,732	12,058	536	81	93,769
10:00pm	32,732	24,548	18,538	10,500	472	71	86,861
11:00pm	23,851	19,987	16,020	8,493	427	39	68,817
TOTAL	873,402	678,906	470,651	312,529	17,638	2,409	2,355,535

Notes: - See note 1 on page II-0.

(1) Excludes Roosevelt Island passengers.

Appendix III

Hourly Detail Tables - 2021

Note:

The 2021 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain, but appear to be trending toward pre-pandemic levels.

SECTION A
BUS TRANSIT BY SECTOR
SUMMARY, 2021-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	18	77	1	2	1	3	39	237	59	319
1:00am	9	49	1	2	0	0	22	191	32	242
2:00am	7	62	1	4	0	0	13	183	21	249
3:00am	8	77	1	15	0	0	15	344	24	436
4:00am	15	156	6	125	0	0	35	1,177	56	1,458
5:00am	72	644	52	1,152	2	45	234	6,114	360	7,955
6:00am	141	1,812	109	2,616	64	1,236	432	11,894	746	17,558
7:00am	181	2,385	159	3,200	139	2,104	584	16,175	1,063	23,864
8:00am	163	2,345	149	2,325	117	1,307	560	14,463	989	20,440
9:00am	123	1,416	57	839	53	460	341	6,898	574	9,613
10:00am	98	1,205	25	379	26	203	167	2,888	316	4,675
11:00am	102	1,051	16	252	20	150	150	2,523	288	3,976
12:00pm	103	1,283	17	250	18	124	133	1,991	271	3,648
1:00pm	104	1,255	18	258	17	112	191	2,837	330	4,462
2:00pm	111	1,339	17	246	18	100	235	3,356	381	5,041
3:00pm	125	1,723	16	303	21	111	285	4,103	447	6,240
4:00pm	132	1,460	15	167	18	85	383	4,572	548	6,284
5:00pm	115	1,357	11	102	18	79	357	4,787	501	6,325
6:00pm	104	1,050	9	54	16	56	318	4,570	447	5,730
7:00pm	92	621	5	32	14	33	208	1,971	319	2,657
8:00pm	77	395	5	38	12	40	133	1,259	227	1,732
9:00pm	63	229	4	62	7	27	105	1,266	179	1,584
10:00pm	57	266	3	23	5	23	98	850	163	1,162
11:00pm	45	194	1	4	3	8	65	427	114	633
TOTAL	2,065	22,451	698	12,450	589	6,306	5,103	95,076	8,455	136,283

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, 2021-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	11	56	8	91	4	19	48	1,034	71	1,200
1:00am	12	74	0	0	0	0	26	410	38	484
2:00am	12	74	1	7	0	0	13	171	26	252
3:00am	10	62	1	5	0	0	7	78	18	145
4:00am	11	85	1	7	1	4	18	77	31	173
5:00am	21	147	1	6	2	5	99	923	123	1,081
6:00am	53	506	1	18	4	22	277	2,372	335	2,918
7:00am	93	1,431	4	82	9	46	425	4,119	531	5,678
8:00am	114	1,294	5	108	16	77	500	5,264	635	6,743
9:00am	123	870	8	98	19	94	406	3,658	556	4,720
10:00am	109	879	7	77	21	100	207	2,188	344	3,244
11:00am	89	785	13	130	21	98	143	1,622	266	2,635
12:00pm	97	1,072	13	184	18	123	115	1,637	243	3,016
1:00pm	103	1,074	14	248	17	169	144	2,295	278	3,786
2:00pm	101	1,283	29	600	20	234	171	3,855	321	5,972
3:00pm	117	1,887	65	1,350	28	431	235	6,259	445	9,927
4:00pm	140	2,275	102	2,339	68	992	356	9,802	666	15,408
5:00pm	176	2,767	154	3,003	109	1,426	484	13,154	923	20,350
6:00pm	157	2,197	115	1,725	96	1,066	411	11,106	779	16,094
7:00pm	116	1,238	58	750	53	481	278	6,508	505	8,977
8:00pm	104	878	34	463	23	240	202	4,276	363	5,857
9:00pm	69	313	22	321	14	113	133	2,325	238	3,072
10:00pm	60	242	21	289	10	78	110	2,067	201	2,676
11:00pm	45	238	9	141	8	66	90	1,857	152	2,302
TOTAL	1,943	21,727	686	12,042	561	5,884	4,898	87,057	8,088	126,710

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 2021 - 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		WCDOT *		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	0	0	2	21	0	0	2	21	7	25	0	0	7	25	2	11	2	1	0	0	4	12
1:00am	0	0	3	19	0	0	3	19	3	16	0	0	3	16	1	10	0	0	0	0	1	10
2:00am	0	0	2	27	0	0	2	27	3	20	0	0	3	20	0	0	0	0	0	0	0	0
3:00am	0	0	2	24	0	0	2	24	3	31	0	0	3	31	0	0	0	0	0	0	0	0
4:00am	0	0	4	51	1	5	5	56	6	54	0	0	6	54	0	0	0	0	0	0	0	0
5:00am	2	4	5	32	10	77	15	109	16	83	1	23	17	106	9	74	12	258	2	47	23	379
6:00am	6	41	8	64	16	264	24	328	20	120	3	69	23	189	15	74	41	937	2	57	58	1,068
7:00am	7	61	7	68	22	678	29	746	19	164	8	104	27	268	24	211	56	730	2	18	82	959
8:00am	8	110	8	129	16	539	24	668	17	218	6	67	23	285	32	462	35	368	1	9	68	839
9:00am	6	96	8	102	11	204	19	306	16	201	3	54	19	255	27	233	19	196	1	14	47	443
10:00am	5	84	7	149	6	161	13	310	14	183	3	33	17	216	18	226	14	135	0	0	32	361
11:00am	6	62	7	91	8	172	15	263	17	162	2	23	19	185	21	200	13	118	0	0	34	318
12:00pm	5	67	6	88	8	257	14	345	19	207	2	26	21	233	16	264	13	114	0	0	29	378
1:00pm	5	41	6	127	9	222	15	349	18	157	2	24	20	181	22	244	13	140	0	0	35	384
2:00pm	6	55	6	92	8	287	14	379	15	181	2	18	17	199	27	279	13	98	0	0	40	377
3:00pm	6	104	6	141	11	415	17	556	20	254	2	20	22	274	26	265	13	82	0	0	39	347
4:00pm	7	90	6	102	11	295	17	397	19	254	2	15	21	269	37	303	13	85	0	0	50	388
5:00pm	7	118	7	110	10	334	17	444	18	135	2	13	20	148	22	202	12	82	0	0	34	284
6:00pm	6	91	6	97	6	267	12	364	18	153	2	9	20	162	22	140	12	45	0	0	34	185
7:00pm	6	49	6	69	6	143	12	212	16	96	2	5	18	101	14	68	10	34	0	0	24	102
8:00pm	4	21	6	64	5	103	11	167	13	49	1	2	14	51	15	33	9	26	0	0	24	59
9:00pm	4	7	5	33	4	17	9	50	8	39	1	3	9	42	12	39	9	40	0	0	21	79
10:00pm	3	12	5	49	1	3	6	52	10	73	1	2	11	75	9	37	9	42	0	0	18	79
11:00pm	2	6	4	37	0	0	4	37	9	83	1	1	10	84	4	20	9	13	0	0	13	33
TOTAL	101	1,119	132	1,786	169	4,443	301	6,229	324	2,958	46	511	370	3,469	375	3,395	327	3,544	8	145	710	7,084

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.

* WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

SECTION A

60TH STREET SECTOR 2021- 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
12:00 am	5	19	0	0	5	19	0	0	0	0	16	76	2	1	0	0	18	77
1:00am	2	4	0	0	2	4	0	0	0	0	9	49	0	0	0	0	9	49
2:00am	2	15	0	0	2	15	0	0	0	0	7	62	0	0	0	0	7	62
3:00am	3	22	0	0	3	22	0	0	0	0	8	77	0	0	0	0	8	77
4:00am	4	46	0	0	4	46	0	0	0	0	15	156	0	0	0	0	15	156
5:00am	9	32	0	0	9	32	4	10	2	4	57	316	13	281	2	47	72	644
6:00am	18	77	3	48	21	125	6	24	3	37	92	701	47	1,054	2	57	141	1,812
7:00am	21	146	3	23	24	169	6	109	6	73	112	1,510	67	857	2	18	181	2,385
8:00am	27	222	2	18	29	240	6	108	5	95	119	1,883	43	453	1	9	163	2,345
9:00am	21	195	2	15	23	210	5	53	4	53	98	1,137	24	265	1	14	123	1,416
10:00am	20	140	2	18	22	158	5	48	4	28	79	1,019	19	186	0	0	98	1,205
11:00am	17	125	2	15	19	140	5	48	4	35	85	895	17	156	0	0	102	1,051
12:00pm	23	131	2	13	25	144	5	71	4	45	86	1,130	17	153	0	0	103	1,283
1:00pm	17	140	2	13	19	153	6	95	4	52	87	1,078	17	177	0	0	104	1,255
2:00pm	20	149	2	9	22	158	6	95	6	76	94	1,214	17	125	0	0	111	1,339
3:00pm	24	178	2	8	26	186	9	120	6	136	108	1,613	17	110	0	0	125	1,723
4:00pm	25	140	2	19	27	159	4	83	6	74	115	1,341	17	119	0	0	132	1,460
5:00pm	24	152	2	10	26	162	5	85	6	116	99	1,252	16	105	0	0	115	1,357
6:00pm	21	120	2	7	23	127	4	50	5	71	88	989	16	61	0	0	104	1,050
7:00pm	21	75	2	4	23	79	5	46	4	32	78	578	14	43	0	0	92	621
8:00pm	15	51	2	3	17	54	4	24	3	19	65	364	12	31	0	0	77	395
9:00pm	14	36	2	2	16	38	2	9	2	4	51	184	12	45	0	0	63	229
10:00pm	13	32	2	3	15	35	2	8	2	5	45	219	12	47	0	0	57	266
11:00pm	13	27	1	1	14	28	0	0	2	6	34	179	11	15	0	0	45	194
TOTAL	379	2,274	37	229	416	2,503	89	1,086	78	961	1,647	18,022	410	4,284	8	145	2,065	22,451

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.

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SECTION A
BUS TRANSIT BY ROUTE
60TH STREET SECTOR 2021-OUTBOUND

HOURS	YORK AVENUE		FIRST AVENUE						THIRD AVENUE						MADISON AVENUE							
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		TOTAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		MTA BUS CO.		WCDOT *		TOTAL	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	1	1	3	31	0	0	3	31	2	15	0	0	2	15	0	0	0	0	0	0	0	0
1:00am	0	0	2	28	0	0	2	28	4	27	0	0	4	27	4	11	0	0	0	0	4	11
2:00am	0	0	3	33	0	0	3	33	3	19	0	0	3	19	1	8	0	0	0	0	1	8
3:00am	0	0	4	29	0	0	4	29	3	12	0	0	3	12	1	5	0	0	0	0	1	5
4:00am	0	0	4	44	0	0	4	44	3	18	0	0	3	18	1	5	0	0	0	0	1	5
5:00am	1	5	3	50	1	20	4	70	7	47	0	0	7	47	2	7	0	0	0	0	2	7
6:00am	3	33	3	48	4	165	7	213	17	122	1	3	18	125	5	40	2	4	0	0	7	44
7:00am	6	64	5	116	12	538	17	654	13	176	2	4	15	180	13	137	10	61	0	0	23	198
8:00am	6	77	7	76	19	549	26	625	13	161	2	1	15	162	18	134	12	26	0	0	30	160
9:00am	7	56	6	71	14	244	20	315	15	129	2	5	17	134	27	154	14	26	0	0	41	180
10:00am	6	55	6	56	11	253	17	309	14	171	2	1	16	172	27	139	12	48	0	0	39	187
11:00am	6	48	0	0	7	176	7	176	12	164	2	2	14	166	17	158	11	32	0	0	28	190
12:00pm	5	47	2	45	8	239	10	284	16	242	2	8	18	250	19	226	14	54	0	0	33	280
1:00pm	5	68	6	101	8	230	14	331	17	187	1	2	18	189	21	212	13	61	0	0	34	273
2:00pm	5	54	6	48	2	73	8	121	17	236	4	9	21	245	20	251	12	73	0	0	32	324
3:00pm	4	59	5	104	8	404	13	508	15	255	2	17	17	272	21	306	21	245	1	28	43	579
4:00pm	6	64	6	109	11	574	17	683	18	314	5	15	23	329	24	353	31	343	1	18	56	714
5:00pm	7	73	3	57	10	546	13	603	18	357	6	26	24	383	36	657	51	483	2	25	89	1,165
6:00pm	4	50	6	56	11	520	17	576	19	324	3	8	22	332	32	417	43	426	2	26	77	869
7:00pm	8	91	5	66	8	295	13	361	13	109	4	9	17	118	21	205	22	215	1	9	44	429
8:00pm	6	46	7	68	7	233	14	301	16	112	3	10	19	122	18	120	15	140	1	8	34	268
9:00pm	4	10	6	34	5	36	11	70	13	88	0	0	13	88	15	54	3	25	0	0	18	79
10:00pm	3	6	6	41	6	32	12	73	13	77	0	0	13	77	13	41	0	0	0	0	13	41
11:00pm	4	9	6	47	3	14	9	61	9	55	0	0	9	55	9	56	0	0	0	0	9	56
TOTAL	97	916	110	1,358	155	5,141	265	6,499	290	3,417	41	120	331	3,537	365	3,696	286	2,262	8	114	659	6,072

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.

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SECTION A

60TH STREET SECTOR 2021-OUTBOUND (CONT'D)

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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
12:00 am	2	2	3	7	0	0	3	7	0	0	0	0	11	56	0	0	0	0	11	56
1:00am	0	0	2	8	0	0	2	8	0	0	0	0	12	74	0	0	0	0	12	74
2:00am	0	0	5	14	0	0	5	14	0	0	0	0	12	74	0	0	0	0	12	74
3:00am	0	0	2	16	0	0	2	16	0	0	0	0	10	62	0	0	0	0	10	62
4:00am	0	0	3	18	0	0	3	18	0	0	0	0	11	85	0	0	0	0	11	85
5:00am	1	1	4	13	0	0	4	13	0	0	2	4	21	147	0	0	0	0	21	147
6:00am	3	3	8	32	0	0	8	32	4	49	3	7	50	499	3	7	0	0	53	506
7:00am	6	17	14	97	1	0	15	97	6	132	5	89	80	1,366	13	65	0	0	93	1,431
8:00am	9	12	14	52	2	0	16	52	6	112	6	94	98	1,267	16	27	0	0	114	1,294
9:00am	7	9	17	63	2	0	19	63	6	69	6	44	105	839	18	31	0	0	123	870
10:00am	5	9	15	59	2	0	17	59	5	73	4	15	93	830	16	49	0	0	109	879
11:00am	6	11	15	94	2	2	17	96	5	59	6	39	74	749	15	36	0	0	89	785
12:00pm	6	30	14	93	2	0	16	93	5	70	4	18	79	1,010	18	62	0	0	97	1,072
1:00pm	7	14	13	97	2	6	15	103	5	60	5	36	87	1,005	16	69	0	0	103	1,074
2:00pm	8	62	16	335	2	6	18	341	5	105	4	31	83	1,195	18	88	0	0	101	1,283
3:00pm	8	39	18	200	2	7	20	207	6	152	6	71	91	1,590	25	269	1	28	117	1,887
4:00pm	9	46	16	227	2	3	18	230	6	145	5	64	101	1,896	38	361	1	18	140	2,275
5:00pm	10	31	18	273	4	17	22	290	6	178	5	44	113	2,216	61	526	2	25	176	2,767
6:00pm	9	54	15	207	4	4	19	211	4	63	5	42	105	1,733	50	438	2	26	157	2,197
7:00pm	6	24	15	118	1	1	16	119	5	58	7	38	88	1,004	27	225	1	9	116	1,238
8:00pm	5	9	16	65	2	5	18	70	4	46	4	16	83	715	20	155	1	8	104	878
9:00pm	5	8	11	27	0	0	11	27	4	24	3	7	66	288	3	25	0	0	69	313
10:00pm	5	7	10	21	0	0	10	21	2	11	2	6	60	242	0	0	0	0	60	242
11:00pm	3	5	8	38	0	0	8	38	1	10	2	4	45	238	0	0	0	0	45	238
TOTAL	120	393	272	2,174	30	51	302	2,225	85	1,416	84	669	1,578	19,180	357	2,433	8	114	1,943	21,727

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.

* Central Park West.

** WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

SECTION A
BUS TRANSIT BY ROUTE
BROOKLYN SECTOR 2021-INBOUND

HOURS	HUGH L. CAREY TUNNEL(Express)						WILLIAMSBURG BRIDGE (Local)				TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	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	1	2	0	0	1	2
1:00am	1	2	0	0	1	2	0	0	0	0	1	2	0	0	1	2
2:00am	1	4	0	0	1	4	0	0	0	0	1	4	0	0	1	4
3:00am	1	15	0	0	1	15	0	0	0	0	1	15	0	0	1	15
4:00am	6	125	0	0	6	125	0	0	0	0	6	125	0	0	6	125
5:00am	50	1,100	2	52	52	1,152	0	0	0	0	50	1,100	2	52	52	1,152
6:00am	98	2,361	11	255	109	2,616	0	0	0	0	98	2,361	11	255	109	2,616
7:00am	138	2,877	20	320	158	3,197	1	3	1	3	139	2,880	20	320	159	3,200
8:00am	124	2,035	24	285	148	2,320	1	5	1	5	125	2,040	24	285	149	2,325
9:00am	47	746	8	85	55	831	2	8	2	8	49	754	8	85	57	839
10:00am	18	303	5	66	23	369	2	10	2	10	20	313	5	66	25	379
11:00am	13	221	2	22	15	243	1	9	1	9	14	230	2	22	16	252
12:00pm	12	199	4	34	16	233	1	17	1	17	13	216	4	34	17	250
1:00pm	12	214	4	33	16	247	2	11	2	11	14	225	4	33	18	258
2:00pm	12	212	3	24	15	236	2	10	2	10	14	222	3	24	17	246
3:00pm	12	273	2	10	14	283	2	20	2	20	14	293	2	10	16	303
4:00pm	12	134	1	5	13	139	2	28	2	28	14	162	1	5	15	167
5:00pm	9	78	0	0	9	78	2	24	2	24	11	102	0	0	11	102
6:00pm	7	37	0	0	7	37	2	17	2	17	9	54	0	0	9	54
7:00pm	4	25	0	0	4	25	1	7	1	7	5	32	0	0	5	32
8:00pm	3	29	0	0	3	29	2	9	2	9	5	38	0	0	5	38
9:00pm	4	62	0	0	4	62	0	0	0	0	4	62	0	0	4	62
10:00pm	3	23	0	0	3	23	0	0	0	0	3	23	0	0	3	23
11:00pm	1	4	0	0	1	4	0	0	0	0	1	4	0	0	1	4
TOTAL	589	11,081	86	1,191	675	12,272	23	178	23	178	612	11,259	86	1,191	698	12,450

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 2021-OUTBOUND

HOURS	HUGH L. CAREY TUNNEL(Express)						WILLIAMSBURG BRIDGE (Local)				TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	6	79	2	12	8	91	0	0	0	0	6	79	2	12	8	91
1:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00am	1	7	0	0	1	7	0	0	0	0	1	7	0	0	1	7
3:00am	1	5	0	0	1	5	0	0	0	0	1	5	0	0	1	5
4:00am	1	7	0	0	1	7	0	0	0	0	1	7	0	0	1	7
5:00am	1	6	0	0	1	6	0	0	0	0	1	6	0	0	1	6
6:00am	1	18	0	0	1	18	0	0	0	0	1	18	0	0	1	18
7:00am	2	71	0	0	2	71	2	11	2	11	4	82	0	0	4	82
8:00am	3	101	0	0	3	101	2	7	2	7	5	108	0	0	5	108
9:00am	6	83	0	0	6	83	2	15	2	15	8	98	0	0	8	98
10:00am	6	70	0	0	6	70	1	7	1	7	7	77	0	0	7	77
11:00am	10	118	2	8	12	126	1	4	1	4	11	122	2	8	13	130
12:00pm	9	168	4	16	13	184	0	0	0	0	9	168	4	16	13	184
1:00pm	10	231	4	17	14	248	0	0	0	0	10	231	4	17	14	248
2:00pm	24	563	5	37	29	600	0	0	0	0	24	563	5	37	29	600
3:00pm	54	1,226	8	112	62	1,338	3	12	3	12	57	1,238	8	112	65	1,350
4:00pm	87	2,110	14	227	101	2,337	1	2	1	2	88	2,112	14	227	102	2,339
5:00pm	130	2,726	21	271	151	2,997	3	6	3	6	133	2,732	21	271	154	3,003
6:00pm	96	1,554	17	169	113	1,723	2	2	2	2	98	1,556	17	169	115	1,725
7:00pm	49	676	8	73	57	749	1	1	1	1	50	677	8	73	58	750
8:00pm	25	396	7	64	32	460	2	3	2	3	27	399	7	64	34	463
9:00pm	19	297	3	24	22	321	0	0	0	0	19	297	3	24	22	321
10:00pm	17	267	4	22	21	289	0	0	0	0	17	267	4	22	21	289
11:00pm	7	124	2	17	9	141	0	0	0	0	7	124	2	17	9	141
TOTAL	565	10,903	101	1,069	666	11,972	20	70	20	70	585	10,973	101	1,069	686	12,042

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 2021-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
12:00 am	1	3	0	0	1	3	0	0	0	0	0	0	1	3	0	0	1	3
1:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00am	0	0	0	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	0	0	0
4:00am	0	0	0	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	2	45	2	45	0	0	2	45	2	45
6:00am	4	56	4	33	8	89	7	193	49	954	56	1,147	11	249	53	987	64	1,236
7:00am	6	46	6	46	12	92	11	178	116	1,834	127	2,012	17	224	122	1,880	139	2,104
8:00am	5	60	5	33	10	93	10	98	97	1,116	107	1,214	15	158	102	1,149	117	1,307
9:00am	6	65	7	29	13	94	3	23	37	343	40	366	9	88	44	372	53	460
10:00am	5	48	9	23	14	71	0	0	12	132	12	132	5	48	21	155	26	203
11:00am	5	45	6	30	11	75	0	0	9	75	9	75	5	45	15	105	20	150
12:00pm	5	43	5	22	10	65	0	0	8	59	8	59	5	43	13	81	18	124
1:00pm	5	47	4	13	9	60	0	0	8	52	8	52	5	47	12	65	17	112
2:00pm	6	31	4	27	10	58	0	0	8	42	8	42	6	31	12	69	18	100
3:00pm	6	46	8	32	14	78	0	0	7	33	7	33	6	46	15	65	21	111
4:00pm	8	48	3	7	11	55	0	0	7	30	7	30	8	48	10	37	18	85
5:00pm	6	24	4	20	10	44	0	0	8	35	8	35	6	24	12	55	18	79
6:00pm	5	16	5	18	10	34	0	0	6	22	6	22	5	16	11	40	16	56
7:00pm	6	17	3	2	9	19	0	0	5	14	5	14	6	17	8	16	14	33
8:00pm	3	6	4	12	7	18	0	0	5	22	5	22	3	6	9	34	12	40
9:00pm	3	16	0	0	3	16	0	0	4	11	4	11	3	16	4	11	7	27
10:00pm	4	22	0	0	4	22	0	0	1	1	1	1	4	22	1	1	5	23
11:00pm	2	7	0	0	2	7	0	0	1	1	1	1	2	7	1	1	3	8
TOTAL	91	646	77	347	168	993	31	492	390	4,821	421	5,313	122	1,138	467	5,168	589	6,306

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 2021-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
12:00 am	1	9	0	0	0	0	3	10	4	19	0	0	0	0	1	9	3	10	4	19
1:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00am	0	0	0	0	0	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	0	0	0	0	0
4:00am	1	4	0	0	0	0	0	0	1	4	0	0	0	0	1	4	0	0	1	4
5:00am	2	5	0	0	0	0	0	0	2	5	0	0	0	0	2	5	0	0	2	5
6:00am	1	15	0	0	3	7	0	0	4	22	0	0	0	0	1	15	3	7	4	22
7:00am	4	25	0	0	5	21	0	0	9	46	0	0	0	0	4	25	5	21	9	46
8:00am	5	27	0	0	5	25	6	25	16	77	0	0	0	0	5	27	11	50	16	77
9:00am	5	36	0	0	7	24	7	34	19	94	0	0	0	0	5	36	14	58	19	94
10:00am	5	29	0	0	8	46	8	25	21	100	0	0	0	0	5	29	16	71	21	100
11:00am	6	42	0	0	7	26	8	30	21	98	0	0	0	0	6	42	15	56	21	98
12:00pm	4	48	0	0	5	26	8	45	17	119	1	4	1	4	4	48	14	75	18	123
1:00pm	4	74	0	0	4	34	8	54	16	162	1	7	1	7	4	74	13	95	17	169
2:00pm	5	74	0	0	5	61	9	91	19	226	1	8	1	8	5	74	15	160	20	234
3:00pm	6	113	0	0	8	106	12	187	26	406	2	25	2	25	6	113	22	318	28	431
4:00pm	6	116	7	136	6	87	43	549	62	888	6	104	6	104	13	252	55	740	68	992
5:00pm	6	118	10	156	8	149	77	868	101	1,291	8	135	8	135	16	274	93	1,152	109	1,426
6:00pm	8	128	8	115	9	124	64	609	89	976	7	90	7	90	16	243	80	823	96	1,066
7:00pm	6	78	5	37	5	68	33	257	49	440	4	41	4	41	11	115	42	366	53	481
8:00pm	5	51	0	0	7	74	10	105	22	230	1	10	1	10	5	51	18	189	23	240
9:00pm	6	51	0	0	0	0	7	52	13	103	1	10	1	10	6	51	8	62	14	113
10:00pm	3	32	0	0	0	0	6	41	9	73	1	5	1	5	3	32	7	46	10	78
11:00pm	1	18	0	0	0	0	6	43	7	61	1	5	1	5	1	18	7	48	8	66
TOTAL	90	1,093	30	444	92	878	315	3,025	527	5,440	34	444	34	444	120	1,537	441	4,347	561	5,884

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

2021-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	0	0	39	237	39	237
1:00am	0	0	22	191	22	191
2:00am	0	0	13	183	13	183
3:00am	0	0	15	344	15	344
4:00am	2	68	33	1,109	35	1,177
5:00am	5	110	229	6,004	234	6,114
6:00am	11	394	421	11,500	432	11,894
7:00am	11	307	573	15,868	584	16,175
8:00am	14	243	546	14,220	560	14,463
9:00am	7	63	334	6,835	341	6,898
10:00am	7	0	160	2,888	167	2,888
11:00am	6	0	144	2,523	150	2,523
12:00pm	3	0	130	1,991	133	1,991
1:00pm	5	0	186	2,837	191	2,837
2:00pm	10	0	225	3,356	235	3,356
3:00pm	6	0	279	4,103	285	4,103
4:00pm	11	0	372	4,572	383	4,572
5:00pm	5	0	352	4,787	357	4,787
6:00pm	6	0	312	4,570	318	4,570
7:00pm	5	0	203	1,971	208	1,971
8:00pm	2	0	131	1,259	133	1,259
9:00pm	3	0	102	1,266	105	1,266
10:00pm	1	0	97	850	98	850
11:00pm	0	0	65	427	65	427
TOTAL	120	1,185	4,983	93,891	5,103	95,076

2021-OUTBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	0	47	1,034	48	1,034
1:00am	1	0	25	410	26	410
2:00am	2	0	11	171	13	171
3:00am	1	0	6	78	7	78
4:00am	11	0	7	77	18	77
5:00am	10	0	89	923	99	923
6:00am	11	0	266	2,372	277	2,372
7:00am	11	0	414	4,119	425	4,119
8:00am	18	0	482	5,264	500	5,264
9:00am	22	0	384	3,658	406	3,658
10:00am	6	0	201	2,188	207	2,188
11:00am	4	0	139	1,622	143	1,622
12:00pm	9	0	106	1,637	115	1,637
1:00pm	10	0	134	2,295	144	2,295
2:00pm	7	195	164	3,660	171	3,855
3:00pm	10	219	225	6,040	235	6,259
4:00pm	11	247	345	9,555	356	9,802
5:00pm	13	253	471	12,901	484	13,154
6:00pm	8	203	403	10,903	411	11,106
7:00pm	8	0	270	6,508	278	6,508
8:00pm	7	0	195	4,276	202	4,276
9:00pm	7	0	126	2,325	133	2,325
10:00pm	7	0	103	2,067	110	2,067
11:00pm	2	0	88	1,857	90	1,857
TOTAL	197	1,117	4,701	85,940	4,898	87,057

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 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.
- 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

2021-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		
12:00am	0	0	2	1	0	0	1	2	0	0	0	0	0	0	39	237	42	240
1:00am	0	0	0	0	0	0	1	2	0	0	0	0	0	0	22	191	23	193
2:00am	0	0	0	0	0	0	1	4	0	0	0	0	0	0	13	183	14	187
3:00am	0	0	0	0	0	0	1	15	0	0	0	0	0	0	15	344	16	359
4:00am	1	5	0	0	0	0	6	125	0	0	0	0	0	0	35	1,177	42	1,307
5:00am	10	77	13	281	2	47	50	1,100	2	52	0	0	2	45	234	6,114	313	7,716
6:00am	16	264	47	1,054	2	57	98	2,361	11	255	7	193	49	954	432	11,894	662	17,032
7:00am	22	678	67	857	2	18	138	2,877	20	320	11	178	116	1,834	584	16,175	960	22,937
8:00am	16	539	43	453	1	9	124	2,035	24	285	10	98	97	1,116	560	14,463	875	18,998
9:00am	11	204	24	265	1	14	47	746	8	85	3	23	37	343	341	6,898	472	8,578
10:00am	6	161	19	186	0	0	18	303	5	66	0	0	12	132	167	2,888	227	3,736
11:00am	8	172	17	156	0	0	13	221	2	22	0	0	9	75	150	2,523	199	3,169
12:00pm	8	257	17	153	0	0	12	199	4	34	0	0	8	59	133	1,991	182	2,693
1:00pm	9	222	17	177	0	0	12	214	4	33	0	0	8	52	191	2,837	241	3,535
2:00pm	8	287	17	125	0	0	12	212	3	24	0	0	8	42	235	3,356	283	4,046
3:00pm	11	415	17	110	0	0	12	273	2	10	0	0	7	33	285	4,103	334	4,944
4:00pm	11	295	17	119	0	0	12	134	1	5	0	0	7	30	383	4,572	431	5,155
5:00pm	10	334	16	105	0	0	9	78	0	0	0	0	8	35	357	4,787	400	5,339
6:00pm	6	267	16	61	0	0	7	37	0	0	0	0	6	22	318	4,570	353	4,957
7:00pm	6	143	14	43	0	0	4	25	0	0	0	0	5	14	208	1,971	237	2,196
8:00pm	5	103	12	31	0	0	3	29	0	0	0	0	5	22	133	1,259	158	1,444
9:00pm	4	17	12	45	0	0	4	62	0	0	0	0	4	11	105	1,266	129	1,401
10:00pm	1	3	12	47	0	0	3	23	0	0	0	0	1	1	98	850	115	924
11:00pm	0	0	11	15	0	0	1	4	0	0	0	0	1	1	65	427	78	447
TOTAL	169	4,443	410	4,284	8	145	589	11,081	86	1,191	31	492	390	4,821	5,103	95,076	6,786	121,533

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
2021-OUTBOUND EXPRESS ONLY

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		
12:00am	0	0	0	0	0	0	6	79	2	12	0	0	3	10	48	1,034	59	1,135
1:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	410	26	410
2:00am	0	0	0	0	0	0	1	7	0	0	0	0	0	0	13	171	14	178
3:00am	0	0	0	0	0	0	1	5	0	0	0	0	0	0	7	78	8	83
4:00am	0	0	0	0	0	0	1	7	0	0	0	0	0	0	18	77	19	84
5:00am	1	20	0	0	0	0	1	6	0	0	0	0	0	0	99	923	101	949
6:00am	4	165	3	7	0	0	1	18	0	0	0	0	0	0	277	2,372	285	2,562
7:00am	12	538	13	65	0	0	2	71	0	0	0	0	0	0	425	4,119	452	4,793
8:00am	19	549	16	27	0	0	3	101	0	0	0	0	6	25	500	5,264	544	5,966
9:00am	14	244	18	31	0	0	6	83	0	0	0	0	7	34	406	3,658	451	4,050
10:00am	11	253	16	49	0	0	6	70	0	0	0	0	8	25	207	2,188	248	2,585
11:00am	7	176	15	36	0	0	10	118	2	8	0	0	8	30	143	1,622	185	1,990
12:00pm	8	239	18	62	0	0	9	168	4	16	0	0	9	49	115	1,637	163	2,171
1:00pm	8	230	16	69	0	0	10	231	4	17	0	0	9	61	144	2,295	191	2,903
2:00pm	2	73	18	88	0	0	24	563	5	37	0	0	10	99	171	3,855	230	4,715
3:00pm	8	404	25	269	1	28	54	1,226	8	112	0	0	14	212	235	6,259	345	8,510
4:00pm	11	574	38	361	1	18	87	2,110	14	227	7	136	49	653	356	9,802	563	13,881
5:00pm	10	546	61	526	2	25	130	2,726	21	271	10	156	85	1,003	484	13,154	803	18,407
6:00pm	11	520	50	438	2	26	96	1,554	17	169	8	115	71	699	411	11,106	666	14,627
7:00pm	8	295	27	225	1	9	49	676	8	73	5	37	37	298	278	6,508	413	8,121
8:00pm	7	233	20	155	1	8	25	396	7	64	0	0	11	115	202	4,276	273	5,247
9:00pm	5	36	3	25	0	0	19	297	3	24	0	0	8	62	133	2,325	171	2,769
10:00pm	6	32	0	0	0	0	17	267	4	22	0	0	7	46	110	2,067	144	2,434
11:00pm	3	14	0	0	0	0	7	124	2	17	0	0	7	48	90	1,857	109	2,060
TOTAL	155	5,141	357	2,433	8	114	565	10,903	101	1,069	30	444	349	3,469	4,898	87,057	6,463	110,630

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
2021

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	736	26	273	149	225	63
BM2	655	5	242	121	190	97
BM3	518	33	181	118	154	32
BM4	351	0	164	76	103	8
BM5	444	0	142	81	162	59
BxM1	631	23	248	242	86	32
BxM10	807	28	266	217	221	75
BxM11	515	28	186	161	106	34
BxM18	133	0	74	0	52	7
BxM2	280	0	89	112	60	19
BxM3	387	0	203	81	66	37
BXM4	212	0	82	55	52	23
BxM6	436	0	148	117	108	63
BXM7	1,335	89	422	342	329	153
BxM8	916	26	339	201	273	77
BxM9	1,065	88	406	248	257	66
QM1	171	0	107	0	55	9
QM10	129	0	67	11	47	4
QM11	287	0	148	21	110	8
QM12	183	0	122	17	41	3
QM15	1,091	0	535	191	271	94
QM16	279	0	173	0	99	7
QM17	282	0	145	0	127	10
QM18	120	0	69	7	40	4
QM2	665	0	226	171	176	92
QM20	609	0	277	105	156	71
QM21	131	0	62	8	42	19
QM24	234	0	154	17	56	7
QM25	165	0	95	9	57	4
QM3	69	0	45	0	24	0
QM31	88	0	39	4	45	0
QM32	175	0	101	15	55	4
QM34	206	0	113	22	68	3
QM35	223	0	129	14	74	6
QM36	78	0	51	0	27	0
QM4	343	3	153	80	73	34
QM40	86	0	41	5	36	4
QM42	114	0	75	8	27	4
QM44	84	0	45	11	28	0
QM5	902	35	289	292	195	91
QM6	469	1	188	109	117	54
QM7	376	16	197	48	102	13
QM8	287	0	141	0	132	14
Total	17,267	401	7,252	3,486	4,724	1,404

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, 2021-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
12:00am	21	188	2,407	24	202	2,258	10	94	830	4	30	116	59	514	5,611
1:00am	24	224	1,027	21	182	1,536	6	54	256	3	22	61	54	482	2,880
2:00am	21	196	509	30	260	1,304	9	86	229	3	23	30	63	565	2,072
3:00am	21	190	543	26	228	535	8	76	303	3	22	37	58	516	1,418
4:00am	23	218	1,690	28	246	1,989	8	74	915	3	23	167	62	561	4,761
5:00am	38	356	9,846	40	348	9,988	23	223	8,324	6	46	1,107	107	973	29,265
6:00am	70	650	25,531	74	650	28,157	52	510	22,444	25	185	3,889	221	1,995	80,021
7:00am	91	858	41,921	116	1,024	55,285	71	697	37,331	40	293	8,821	318	2,872	143,358
8:00am	116	1,088	55,949	149	1,306	67,291	80	790	42,969	44	321	12,997	389	3,505	179,206
9:00am	88	816	28,901	119	1,054	42,015	65	631	25,659	43	314	8,029	315	2,815	104,604
10:00am	81	756	22,199	99	878	24,309	54	518	16,135	22	159	3,129	256	2,311	65,772
11:00am	78	726	18,822	98	864	18,651	54	518	12,448	15	108	2,304	245	2,216	52,225
12:00pm	76	708	17,892	103	914	18,004	46	441	9,049	15	108	2,120	240	2,171	47,065
1:00pm	87	812	21,296	99	882	17,683	46	435	10,176	15	108	1,981	247	2,237	51,136
2:00pm	84	780	26,653	100	886	21,229	55	529	13,325	15	108	1,872	254	2,303	63,079
3:00pm	86	806	34,953	107	950	23,529	55	528	14,083	22	159	2,010	270	2,443	74,575
4:00pm	99	926	37,084	124	1,102	25,159	69	671	14,860	34	248	2,400	326	2,947	79,503
5:00pm	107	990	39,096	128	1,148	26,845	76	741	14,528	42	307	3,391	353	3,186	83,860
6:00pm	83	770	30,975	121	1,080	22,841	68	656	10,732	41	300	3,223	313	2,806	67,771
7:00pm	75	698	19,792	109	964	14,929	60	579	6,636	28	205	1,624	272	2,446	42,981
8:00pm	72	666	12,069	82	712	8,817	55	537	3,776	23	167	728	232	2,082	25,390
9:00pm	55	502	8,445	74	650	6,500	37	373	2,833	21	152	557	187	1,677	18,335
10:00pm	43	404	6,911	64	568	7,993	34	340	3,067	17	123	438	158	1,435	18,409
11:00pm	30	274	4,272	42	372	3,907	19	188	1,376	5	37	175	96	871	9,730
TOTAL	1,569	14,602	468,783	1,977	17,470	450,754	1,060	10,289	272,284	489	3,568	61,206	5,095	45,929	1,253,027

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, 2021-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
12:00am	13	116	5,795	26	220	5,496	12	116	4,356	3	22	540	54	474	16,187
1:00am	16	142	4,121	27	240	3,080	9	84	2,295	3	23	232	55	489	9,728
2:00am	21	190	1,713	25	222	1,463	10	94	1,060	3	22	114	59	528	4,350
3:00am	21	194	853	28	248	507	9	84	343	3	23	79	61	549	1,782
4:00am	23	212	856	28	250	677	7	66	489	3	22	84	61	550	2,106
5:00am	28	262	4,514	33	302	2,853	12	115	1,969	7	53	231	80	732	9,567
6:00am	40	368	16,421	80	716	10,987	36	353	6,033	26	192	761	182	1,629	34,202
7:00am	76	700	34,013	107	958	17,771	59	592	8,548	40	293	1,558	282	2,543	61,890
8:00am	110	1,008	32,293	133	1,184	19,693	77	757	9,094	45	328	2,062	365	3,277	63,142
9:00am	110	1,030	21,772	134	1,190	13,151	72	696	6,034	36	261	1,271	352	3,177	42,228
10:00am	86	804	15,253	106	938	10,041	51	489	4,974	21	152	851	264	2,383	31,119
11:00am	82	764	14,386	100	880	10,663	50	478	5,729	15	108	839	247	2,230	31,617
12:00pm	85	792	15,699	98	868	13,337	49	470	7,128	15	108	1,163	247	2,238	37,327
1:00pm	80	746	18,431	94	834	15,174	59	563	9,094	15	108	1,513	248	2,251	44,212
2:00pm	81	754	22,617	96	850	18,184	50	479	12,734	16	115	2,211	243	2,198	55,746
3:00pm	86	798	35,951	105	928	34,728	55	533	22,455	22	159	4,069	268	2,418	97,203
4:00pm	91	848	39,568	115	1,028	45,516	65	626	31,445	39	286	6,754	310	2,788	123,283
5:00pm	100	940	45,935	133	1,184	56,056	78	767	35,863	43	314	10,357	354	3,205	148,211
6:00pm	104	980	38,825	123	1,080	48,772	74	716	29,971	41	300	8,872	342	3,076	126,440
7:00pm	83	764	24,890	103	904	32,576	62	604	19,922	28	205	4,966	276	2,477	82,354
8:00pm	75	696	18,879	93	814	23,552	60	575	14,357	23	167	3,601	251	2,252	60,389
9:00pm	64	602	14,976	79	688	17,346	39	390	9,800	20	145	2,769	202	1,825	44,891
10:00pm	59	556	16,084	54	480	13,301	39	379	10,077	16	116	1,987	168	1,531	41,449
11:00pm	39	366	10,652	41	364	10,124	27	273	7,908	5	38	1,255	112	1,041	29,939
TOTAL	1,573	14,632	454,497	1,961	17,370	425,048	1,061	10,299	261,678	488	3,560	58,139	5,083	45,861	1,199,362

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
MTA NYC TRANSIT SUMMARY, 2021-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	21	188	2,407	24	202	2,258	10	94	830	55	484	5,495
1:00am	24	224	1,027	21	182	1,536	6	54	256	51	460	2,819
2:00am	21	196	509	30	260	1,304	9	86	229	60	542	2,042
3:00am	21	190	543	26	228	535	8	76	303	55	494	1,381
4:00am	23	218	1,690	28	246	1,989	8	74	915	59	538	4,594
5:00am	38	356	9,846	40	348	9,988	23	223	8,324	101	927	28,158
6:00am	70	650	25,531	74	650	28,157	52	510	22,444	196	1,810	76,132
7:00am	91	858	41,921	116	1,024	55,285	71	697	37,331	278	2,579	134,537
8:00am	116	1,088	55,949	149	1,306	67,291	80	790	42,969	345	3,184	166,209
9:00am	88	816	28,901	119	1,054	42,015	65	631	25,659	272	2,501	96,575
10:00am	81	756	22,199	99	878	24,309	54	518	16,135	234	2,152	62,643
11:00am	78	726	18,822	98	864	18,651	54	518	12,448	230	2,108	49,921
12:00pm	76	708	17,892	103	914	18,004	46	441	9,049	225	2,063	44,945
1:00pm	87	812	21,296	99	882	17,683	46	435	10,176	232	2,129	49,155
2:00pm	84	780	26,653	100	886	21,229	55	529	13,325	239	2,195	61,207
3:00pm	86	806	34,953	107	950	23,529	55	528	14,083	248	2,284	72,565
4:00pm	99	926	37,084	124	1,102	25,159	69	671	14,860	292	2,699	77,103
5:00pm	107	990	39,096	128	1,148	26,845	76	741	14,528	311	2,879	80,469
6:00pm	83	770	30,975	121	1,080	22,841	68	656	10,732	272	2,506	64,548
7:00pm	75	698	19,792	109	964	14,929	60	579	6,636	244	2,241	41,357
8:00pm	72	666	12,069	82	712	8,817	55	537	3,776	209	1,915	24,662
9:00pm	55	502	8,445	74	650	6,500	37	373	2,833	166	1,525	17,778
10:00pm	43	404	6,911	64	568	7,993	34	340	3,067	141	1,312	17,971
11:00pm	30	274	4,272	42	372	3,907	19	188	1,376	91	834	9,555
TOTAL	1,569	14,602	468,783	1,977	17,470	450,754	1,060	10,289	272,284	4,606	42,361	1,191,821

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 MTA NYC TRANSIT SUMMARY, 2021-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	13	116	5,795	26	220	5,496	12	116	4,356	51	452	15,647
1:00am	16	142	4,121	27	240	3,080	9	84	2,295	52	466	9,496
2:00am	21	190	1,713	25	222	1,463	10	94	1,060	56	506	4,236
3:00am	21	194	853	28	248	507	9	84	343	58	526	1,703
4:00am	23	212	856	28	250	677	7	66	489	58	528	2,022
5:00am	28	262	4,514	33	302	2,853	12	115	1,969	73	679	9,336
6:00am	40	368	16,421	80	716	10,987	36	353	6,033	156	1,437	33,441
7:00am	76	700	34,013	107	958	17,771	59	592	8,548	242	2,250	60,332
8:00am	110	1,008	32,293	133	1,184	19,693	77	757	9,094	320	2,949	61,080
9:00am	110	1,030	21,772	134	1,190	13,151	72	696	6,034	316	2,916	40,957
10:00am	86	804	15,253	106	938	10,041	51	489	4,974	243	2,231	30,268
11:00am	82	764	14,386	100	880	10,663	50	478	5,729	232	2,122	30,778
12:00pm	85	792	15,699	98	868	13,337	49	470	7,128	232	2,130	36,164
1:00pm	80	746	18,431	94	834	15,174	59	563	9,094	233	2,143	42,699
2:00pm	81	754	22,617	96	850	18,184	50	479	12,734	227	2,083	53,535
3:00pm	86	798	35,951	105	928	34,728	55	533	22,455	246	2,259	93,134
4:00pm	91	848	39,568	115	1,028	45,516	65	626	31,445	271	2,502	116,529
5:00pm	100	940	45,935	133	1,184	56,056	78	767	35,863	311	2,891	137,854
6:00pm	104	980	38,825	123	1,080	48,772	74	716	29,971	301	2,776	117,568
7:00pm	83	764	24,890	103	904	32,576	62	604	19,922	248	2,272	77,388
8:00pm	75	696	18,879	93	814	23,552	60	575	14,357	228	2,085	56,788
9:00pm	64	602	14,976	79	688	17,346	39	390	9,800	182	1,680	42,122
10:00pm	59	556	16,084	54	480	13,301	39	379	10,077	152	1,415	39,462
11:00pm	39	366	10,652	41	364	10,124	27	273	7,908	107	1,003	28,684
TOTAL	1,573	14,632	454,497	1,961	17,370	425,048	1,061	10,299	261,678	4,595	42,301	1,141,223

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 LOCATION

60TH STREET SECTOR, 2021-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	197	3	30	335	4	32	231	4	32	359	3	24	169	3	30	357	3	30	759	21	188	2,407
1:00am	0	0	0	6	60	240	3	24	88	3	24	132	2	16	73	3	30	58	7	70	436	24	224	1,027
2:00am	0	0	0	7	70	145	3	24	36	2	16	69	2	16	73	2	20	17	5	50	169	21	196	509
3:00am	0	0	0	6	60	196	3	24	27	4	32	137	3	24	37	4	40	121	1	10	25	21	190	543
4:00am	0	0	0	6	60	578	2	16	30	2	16	374	2	16	55	5	50	111	6	60	542	23	218	1,690
5:00am	8	80	3,541	6	60	1,370	4	32	228	4	32	1,867	4	32	572	7	70	1,202	5	50	1,066	38	356	9,846
6:00am	17	170	7,888	10	100	3,310	6	48	963	12	96	6,469	7	56	1,058	12	120	3,429	6	60	2,414	70	650	25,531
7:00am	21	210	11,810	14	140	5,519	6	48	2,624	10	80	7,009	10	80	2,976	17	170	7,221	13	130	4,762	91	858	41,921
8:00am	22	220	10,935	19	190	7,038	9	72	5,072	16	128	11,166	11	88	5,118	23	230	10,720	16	160	5,900	116	1,088	55,949
9:00am	17	170	6,686	16	160	3,293	6	48	2,168	15	120	5,710	11	88	2,055	13	130	4,605	10	100	4,384	88	816	28,901
10:00am	14	140	4,755	14	140	2,766	7	56	2,148	12	96	4,308	8	64	1,380	15	150	3,810	11	110	3,032	81	756	22,199
11:00am	14	140	3,983	14	140	2,467	6	48	1,848	12	96	3,522	9	72	1,239	13	130	3,220	10	100	2,543	78	726	18,822
12:00pm	14	140	3,280	16	160	2,558	5	40	1,649	10	80	3,377	11	88	1,561	11	110	2,833	9	90	2,634	76	708	17,892
1:00pm	17	170	4,593	15	150	2,900	7	56	1,910	13	104	3,850	9	72	1,349	16	160	4,002	10	100	2,692	87	812	21,296
2:00pm	15	150	4,890	14	140	4,399	7	56	2,657	12	96	4,451	11	88	1,978	15	150	4,514	10	100	3,764	84	780	26,653
3:00pm	18	180	6,222	14	140	6,332	5	40	3,396	12	96	5,207	10	80	3,114	15	150	5,552	12	120	5,130	86	806	34,953
4:00pm	23	230	6,148	18	180	7,124	7	56	2,934	15	120	5,562	10	80	3,521	16	160	7,246	10	100	4,549	99	926	37,084
5:00pm	17	170	5,839	16	160	7,150	7	56	4,301	19	152	5,084	14	112	3,798	19	190	7,431	15	150	5,493	107	990	39,096
6:00pm	13	130	4,575	13	130	4,888	7	56	4,184	12	96	3,914	11	88	3,031	15	150	5,279	12	120	5,104	83	770	30,975
7:00pm	14	140	2,374	15	150	3,892	8	64	2,880	11	88	2,474	7	56	1,566	11	110	3,273	9	90	3,333	75	698	19,792
8:00pm	10	100	1,275	11	110	2,370	6	48	1,304	11	88	1,431	10	80	861	12	120	2,256	12	120	2,572	72	666	12,069
9:00pm	5	50	691	7	70	1,194	6	48	1,034	10	80	1,233	8	64	608	9	90	1,477	10	100	2,208	55	502	8,445
10:00pm	5	50	882	8	80	1,346	4	32	702	5	40	604	4	32	371	9	90	1,251	8	80	1,755	43	404	6,911
11:00pm	3	30	411	6	60	898	5	40	518	2	16	316	6	48	586	4	40	623	4	40	920	30	274	4,272
TOTAL	268	2,680	90,975	274	2,740	72,308	133	1,064	42,932	228	1,824	78,625	183	1,464	37,149	269	2,690	80,608	214	2,140	66,186	1,569	14,602	468,783

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

SECTION B SUBWAY BY LOCATION 60TH STREET SECTOR, 2021-OUTBOUND

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 VIA 6 (Local)			57TH ST./7TH AVE VIA Q, W LINES (Local)			59TH ST./COLUMBUS CIR. VIA A (Exp./Loc), D (Express)			59TH ST./COLUMBUS CIR. VIA B, C LINES (Local)			EXPRESS VIA 2, 3, LINES			CIRCLE VIA 2*, 1 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	298	1	10	1,255	2	16	289	5	40	2,225	0	0	0	2	20	330	2	20	1,398	13	116	5,795
1:00am	0	0	0	2	20	1,201	4	32	306	5	40	1,359	0	0	0	2	20	190	3	30	1,065	16	142	4,121
2:00am	2	20	89	3	30	381	3	24	112	7	56	717	0	0	0	3	30	101	3	30	313	21	190	1,713
3:00am	2	20	49	3	30	134	3	24	33	5	40	214	0	0	0	2	20	30	6	60	393	21	194	853
4:00am	3	30	57	3	30	233	3	24	84	6	48	212	0	0	0	3	30	7	5	50	263	23	212	856
5:00am	5	50	1,084	4	40	916	3	24	337	6	48	762	0	0	0	3	30	112	7	70	1,303	28	262	4,514
6:00am	6	60	3,047	6	60	3,306	6	48	2,176	7	56	2,356	3	24	592	7	70	2,889	5	50	2,055	40	368	16,421
7:00am	16	160	6,966	12	120	6,797	6	48	3,289	14	112	4,149	10	80	2,798	12	120	5,697	6	60	4,317	76	700	34,013
8:00am	21	210	5,890	14	140	6,048	9	72	3,688	22	176	3,687	15	120	2,991	16	160	5,854	13	130	4,135	110	1,008	32,293
9:00am	25	250	3,985	19	190	4,665	6	48	2,225	16	128	2,164	13	104	2,095	15	150	4,072	16	160	2,566	110	1,030	21,772
10:00am	19	190	2,649	15	150	2,993	7	56	1,603	12	96	1,658	9	72	1,284	14	140	2,341	10	100	2,725	86	804	15,253
11:00am	16	160	2,543	14	140	2,484	5	40	1,355	14	112	1,804	9	72	1,314	12	120	2,467	12	120	2,419	82	764	14,386
12:00pm	15	150	2,660	15	150	2,719	5	40	1,155	14	112	2,456	10	80	1,538	17	170	2,927	9	90	2,244	85	792	15,699
1:00pm	16	160	3,692	15	150	2,923	9	72	1,806	9	72	2,381	9	72	1,659	13	130	3,265	9	90	2,705	80	746	18,431
2:00pm	14	140	4,796	15	150	3,460	4	32	1,561	14	112	3,916	10	80	1,658	14	140	3,917	10	100	3,309	81	754	22,617
3:00pm	16	160	7,872	15	150	5,555	8	64	2,777	12	96	5,643	11	88	3,189	13	130	5,592	11	110	5,323	86	798	35,951
4:00pm	20	200	10,134	14	140	5,184	6	48	2,092	12	96	7,116	13	104	3,605	15	150	7,033	11	110	4,404	91	848	39,568
5:00pm	21	210	11,005	18	180	5,643	7	56	2,976	13	104	8,230	10	80	4,092	20	200	9,230	11	110	4,759	100	940	45,935
6:00pm	24	240	9,188	17	170	4,339	8	64	3,788	13	104	6,365	9	72	2,832	17	170	7,639	16	160	4,674	104	980	38,825
7:00pm	12	120	4,528	12	120	3,175	7	56	2,377	13	104	5,232	13	104	1,916	16	160	5,001	10	100	2,661	83	764	24,890
8:00pm	14	140	3,600	13	130	2,337	7	56	1,687	11	88	3,573	9	72	1,436	10	100	3,055	11	110	3,191	75	696	18,879
9:00pm	12	120	2,480	12	120	2,099	4	32	1,067	7	56	2,950	8	64	1,229	10	100	2,732	11	110	2,419	64	602	14,976
10:00pm	7	70	2,244	6	60	1,834	5	40	1,383	9	72	3,492	3	24	992	18	180	3,653	11	110	2,486	59	556	16,084
11:00pm	6	60	1,535	8	80	2,106	5	40	764	6	48	2,745	1	8	116	7	70	1,443	6	60	1,943	39	366	10,652
TOTAL	293	2,930	90,391	256	2,560	71,787	132	1,056	38,930	252	2,016	75,406	165	1,320	35,336	261	2,610	79,577	214	2,140	63,070	1,573	14,632	454,497

Notes: - See note on page III-0.
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* Indicates service that changes from express to local during the overnight hours.

SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2021-INBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MANHATTAN BRIDGE		
	BEDFORD AVENUE L LINE (LOCAL)			MARCY AVENUE J, Z, M LINES (LOCAL)			YORK AVENUE F LINE (LOCAL)			VIA DEKALB AVENUE B,D,N,Q LINES (LOCAL)			VIA PACIFIC STREET D, N LINES (EXPRESS)		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	40	727	3	24	179	3	30	351	5	40	406	0	0	0
1:00am	3	24	528	2	16	133	4	40	193	5	40	462	0	0	0
2:00am	3	24	206	3	24	77	2	20	66	7	56	175	1	8	9
3:00am	3	24	101	3	24	70	3	30	37	6	48	112	0	0	0
4:00am	3	24	343	2	16	121	2	20	136	6	48	565	0	0	0
5:00am	7	56	2,364	6	48	1,242	3	30	689	8	64	2,351	0	0	0
6:00am	9	72	4,812	10	80	2,599	6	60	1,648	9	72	3,883	9	72	4,371
7:00am	13	104	8,101	11	88	5,083	10	100	4,114	15	120	8,560	14	112	7,665
8:00am	17	136	10,743	21	168	7,722	9	90	4,505	16	128	9,282	19	152	9,501
9:00am	18	144	7,580	12	96	3,747	10	100	3,742	12	96	6,493	12	96	5,086
10:00am	14	112	4,426	12	96	2,741	6	60	2,019	8	64	2,801	11	88	3,808
11:00am	12	96	2,777	12	96	1,954	5	50	1,503	11	88	2,736	11	88	2,435
12:00pm	11	88	3,174	12	96	1,769	11	110	1,750	12	96	2,762	13	104	2,265
1:00pm	10	80	2,738	11	88	1,826	9	90	1,756	10	80	2,410	12	96	2,233
2:00pm	10	80	3,824	10	80	1,737	9	90	1,750	11	88	2,890	11	88	2,387
3:00pm	11	88	3,865	9	72	1,903	8	80	1,961	13	104	3,406	13	104	2,559
4:00pm	11	88	3,783	18	144	2,429	11	110	2,559	14	112	3,537	13	104	2,930
5:00pm	14	112	4,505	16	128	2,044	15	150	3,705	12	96	3,511	13	104	3,089
6:00pm	16	128	4,359	12	96	1,928	13	130	3,052	13	104	3,206	10	80	1,899
7:00pm	15	120	3,246	13	104	1,397	9	90	1,867	21	168	2,933	1	8	284
8:00pm	12	96	1,823	13	104	856	9	90	1,102	18	144	1,909	0	0	0
9:00pm	13	104	1,524	8	64	406	7	70	793	13	104	1,190	0	0	0
10:00pm	11	88	2,032	6	48	342	5	50	691	11	88	1,695	0	0	0
11:00pm	7	56	1,317	3	24	251	6	60	438	6	48	569	0	0	0
TOTAL	248	1,984	78,898	228	1,824	42,556	175	1,750	40,427	262	2,096	67,844	163	1,304	50,521

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 LOCATION BROOKLYN SECTOR, 2021-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
12:00am	3	24	295	0	0	0	5	44	300	0	0	0	24	202	2,258
1:00am	2	16	134	0	0	0	5	46	86	0	0	0	21	182	1,536
2:00am	3	24	97	1	10	438	6	54	73	4	40	163	30	260	1,304
3:00am	2	16	96	3	30	65	4	36	8	2	20	46	26	228	535
4:00am	3	24	229	3	30	240	6	54	100	3	30	255	28	246	1,989
5:00am	3	24	947	4	40	992	5	46	222	4	40	1,181	40	348	9,988
6:00am	8	64	3,767	9	90	2,839	4	40	547	10	100	3,691	74	650	28,157
7:00am	15	120	7,866	12	120	5,379	8	80	1,521	18	180	6,996	116	1,024	55,285
8:00am	19	152	10,152	16	160	6,031	10	100	1,785	22	220	7,570	149	1,306	67,291
9:00am	14	112	6,493	17	170	3,464	6	60	1,015	18	180	4,395	119	1,054	42,015
10:00am	11	88	3,241	12	120	1,810	6	60	517	19	190	2,946	99	878	24,309
11:00am	12	96	3,087	13	130	1,543	7	70	416	15	150	2,200	98	864	18,651
12:00pm	10	80	2,623	14	140	1,480	6	60	336	14	140	1,845	103	914	18,004
1:00pm	11	88	2,579	14	140	1,487	6	60	394	16	160	2,260	99	882	17,683
2:00pm	15	120	3,916	15	150	1,761	4	40	289	15	150	2,675	100	886	21,229
3:00pm	14	112	3,990	14	140	2,132	9	90	715	16	160	2,998	107	950	23,529
4:00pm	13	104	3,998	16	160	2,304	9	90	757	19	190	2,862	124	1,102	25,159
5:00pm	11	88	3,806	18	180	2,719	7	70	533	22	220	2,933	128	1,148	26,845
6:00pm	14	112	3,924	17	170	1,756	8	80	546	18	180	2,171	121	1,080	22,841
7:00pm	13	104	2,033	18	180	1,332	6	60	310	13	130	1,527	109	964	14,929
8:00pm	11	88	1,481	6	60	463	7	70	290	6	60	893	82	712	8,817
9:00pm	9	72	977	12	120	699	6	56	187	6	60	724	74	650	6,500
10:00pm	8	64	1,034	12	120	1,065	5	50	274	6	60	860	64	568	7,993
11:00pm	5	40	555	2	20	211	8	74	128	5	50	438	42	372	3,907
TOTAL	229	1,832	67,320	248	2,480	40,210	153	1,490	11,349	271	2,710	51,629	1,977	17,470	450,754

Notes: - See note on page III-0.
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SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2021-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
12:00am	5	40	1,525	4	32	876	3	30	453	4	32	1,040	6	52	336
1:00am	5	40	981	3	24	387	3	30	241	2	16	255	6	54	116
2:00am	3	24	286	2	16	176	3	30	90	4	32	386	5	46	45
3:00am	3	24	118	3	24	77	3	30	36	3	24	61	5	44	18
4:00am	3	24	143	3	24	56	4	40	86	3	24	90	6	54	58
5:00am	4	32	534	2	16	123	3	30	262	2	16	253	5	46	234
6:00am	8	64	1,500	10	80	734	7	70	1,304	8	64	1,204	5	50	537
7:00am	13	104	2,697	11	88	1,190	10	100	1,918	10	80	2,352	10	96	783
8:00am	17	136	2,634	17	136	1,423	12	120	2,465	15	120	3,395	12	112	969
9:00am	17	136	2,062	16	128	903	12	120	1,554	13	104	1,896	11	102	552
10:00am	15	120	1,690	11	88	633	10	100	1,328	10	80	1,332	12	108	395
11:00am	15	120	2,070	12	96	819	9	90	1,147	11	88	1,802	10	92	290
12:00pm	12	96	2,291	10	80	1,168	7	70	1,149	9	72	1,706	7	68	416
1:00pm	9	72	2,692	10	80	1,226	6	60	1,140	12	96	2,346	4	40	333
2:00pm	11	88	3,423	10	80	1,627	4	40	902	10	80	2,555	8	80	630
3:00pm	11	88	6,427	15	120	3,826	8	80	1,911	12	96	6,198	7	70	1,305
4:00pm	11	88	7,862	13	104	4,061	10	100	3,539	12	96	7,166	7	70	1,353
5:00pm	13	104	9,464	15	120	4,891	10	100	3,971	13	104	8,368	10	100	1,751
6:00pm	17	136	9,604	16	128	4,878	11	110	3,594	14	112	8,148	7	70	1,261
7:00pm	15	120	6,844	14	112	2,854	11	110	3,376	12	96	5,608	7	70	843
8:00pm	14	112	4,914	10	80	1,969	8	80	1,906	11	88	3,844	5	50	606
9:00pm	14	112	3,828	11	88	1,503	8	80	1,829	11	88	3,335	5	50	469
10:00pm	11	88	3,548	6	48	1,039	5	50	1,368	4	32	2,068	6	60	461
11:00pm	7	56	2,812	4	32	1,072	5	50	633	5	40	1,864	7	66	391
TOTAL	253	2,024	79,949	228	1,824	37,511	172	1,720	36,202	210	1,680	67,272	173	1,650	14,152

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

SECTION B SUBWAY BY LOCATION BROOKLYN SECTOR, 2021-OUTBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			JORALEMON ST. TUNNEL			MANHATTAN BRIDGE			TOTAL		
	VIA BROADWAY/NASSAU A, C LINES			VIA WALL STREET 2, 3 LINES			VIA BOWLING GREEN 4, 5 LINES			VIA GRAND ST (N/Q) EXPRESS VIA CANAL ST (N) EXPRESS			BROOKLYN SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	0	0	0	0	0	0	1	10	612	3	24	654	26	220	5,496
1:00am	0	0	0	3	30	682	3	30	240	2	16	178	27	240	3,080
2:00am	0	0	0	2	20	82	3	30	91	3	24	307	25	222	1,463
3:00am	0	0	0	4	40	74	3	30	39	4	32	84	28	248	507
4:00am	0	0	0	3	30	69	3	30	64	3	24	111	28	250	677
5:00am	2	16	468	7	70	311	6	60	449	2	16	219	33	302	2,853
6:00am	6	48	1,515	11	110	985	15	150	2,071	10	80	1,137	80	716	10,987
7:00am	12	96	2,860	14	140	1,499	19	190	2,611	8	64	1,861	107	958	17,771
8:00am	12	96	2,706	20	200	1,860	20	200	2,540	8	64	1,701	133	1,184	19,693
9:00am	14	112	2,023	18	180	1,597	22	220	1,455	11	88	1,109	134	1,190	13,151
10:00am	11	88	1,364	15	150	996	14	140	1,222	8	64	1,081	106	938	10,041
11:00am	10	80	1,501	12	120	884	13	130	1,328	8	64	822	100	880	10,663
12:00pm	12	96	1,986	13	130	1,048	16	160	1,476	12	96	2,097	98	868	13,337
1:00pm	12	96	2,578	15	150	1,245	16	160	1,571	10	80	2,043	94	834	15,174
2:00pm	12	96	2,451	15	150	1,660	14	140	1,849	12	96	3,087	96	850	18,184
3:00pm	13	104	5,080	14	140	2,782	15	150	2,911	10	80	4,288	105	928	34,728
4:00pm	11	88	6,005	16	160	4,150	21	210	3,521	14	112	7,859	115	1,028	45,516
5:00pm	17	136	9,071	17	170	4,548	23	230	5,229	15	120	8,763	133	1,184	56,056
6:00pm	17	136	7,330	17	170	4,187	13	130	4,486	11	88	5,284	123	1,080	48,772
7:00pm	12	96	4,484	9	90	1,810	13	130	1,981	10	80	4,776	103	904	32,576
8:00pm	13	104	3,224	12	120	2,103	10	100	1,817	10	80	3,169	93	814	23,552
9:00pm	9	72	2,339	10	100	1,255	5	50	880	6	48	1,908	79	688	17,346
10:00pm	1	8	287	8	80	1,233	5	50	688	8	64	2,609	54	480	13,301
11:00pm	0	0	0	3	30	841	5	50	1,092	5	40	1,419	41	364	10,124
TOTAL	196	1,568	57,272	258	2,580	35,901	278	2,780	40,223	193	1,544	56,566	1,961	17,370	425,048

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 LOCATION
QUEENS SECTOR, 2021 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	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	3	24	312	4	40	258	0	0	0	3	30	260	10	94	830
1:00am	3	24	126	0	0	0	0	0	0	3	30	130	6	54	256
2:00am	2	16	48	3	30	86	0	0	0	4	40	95	9	86	229
3:00am	2	16	61	3	30	138	0	0	0	3	30	104	8	76	303
4:00am	3	24	304	2	20	174	0	0	0	3	30	437	8	74	915
5:00am	6	52	1,051	7	66	2,594	5	55	2,447	5	50	2,232	23	223	8,324
6:00am	15	136	5,223	14	128	7,975	16	176	5,959	7	70	3,287	52	510	22,444
7:00am	18	158	10,275	20	186	12,185	23	253	9,040	10	100	5,831	71	697	37,331
8:00am	20	178	12,825	21	196	12,003	26	286	10,592	13	130	7,549	80	790	42,969
9:00am	19	164	7,192	16	148	7,837	19	209	6,167	11	110	4,463	65	631	25,659
10:00am	17	146	4,123	15	140	5,447	12	132	2,336	10	100	4,229	54	518	16,135
11:00am	17	150	3,704	17	156	4,331	12	132	1,618	8	80	2,795	54	518	12,448
12:00pm	16	136	2,116	11	102	3,522	13	143	1,276	6	60	2,135	46	441	9,049
1:00pm	14	116	2,495	14	128	4,636	11	121	1,284	7	70	1,761	46	435	10,176
2:00pm	17	148	3,861	16	148	5,329	13	143	1,912	9	90	2,223	55	529	13,325
3:00pm	19	166	4,069	16	150	4,799	12	132	2,918	8	80	2,297	55	528	14,083
4:00pm	20	176	4,038	21	198	4,612	17	187	3,063	11	110	3,147	69	671	14,860
5:00pm	24	210	4,985	18	168	3,269	23	253	3,407	11	110	2,867	76	741	14,528
6:00pm	19	164	3,131	18	162	3,178	20	220	2,320	11	110	2,103	68	656	10,732
7:00pm	19	166	1,828	17	158	2,343	15	165	1,326	9	90	1,139	60	579	6,636
8:00pm	15	130	830	14	130	1,366	17	187	891	9	90	689	55	537	3,776
9:00pm	11	100	558	6	60	806	13	143	787	7	70	682	37	373	2,833
10:00pm	11	98	956	6	60	1053	12	132	600	5	50	458	34	340	3,067
11:00pm	4	32	189	5	50	317	6	66	424	4	40	446	19	188	1,376
TOTAL	314	2,730	74,300	284	2,654	88,258	285	3,135	58,367	177	1,770	51,359	1,060	10,289	272,284

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 LOCATION QUEENS SECTOR, 2021-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
12:00am	3	26	1,039	5	50	1415	0	0	0	4	40	1,902	12	116	4,356
1:00am	3	24	915	3	30	554	0	0	0	3	30	826	9	84	2,295
2:00am	3	24	369	4	40	237	0	0	0	3	30	454	10	94	1060
3:00am	3	24	146	3	30	106	0	0	0	3	30	91	9	84	343
4:00am	2	16	164	3	30	191	0	0	0	2	20	134	7	66	489
5:00am	3	24	361	4	38	643	3	33	663	2	20	302	12	115	1,969
6:00am	8	70	1,138	10	90	1,816	13	143	2,049	5	50	1,030	36	353	6,033
7:00am	11	98	1,672	14	130	3,101	24	264	2,336	10	100	1,439	59	592	8,548
8:00am	20	174	2,083	20	186	3,045	27	297	2,611	10	100	1,355	77	757	9,094
9:00am	24	214	1,751	21	194	1,859	18	198	1,423	9	90	1,001	72	696	6,034
10:00am	16	138	1,359	16	150	1,739	11	121	894	8	80	982	51	489	4,974
11:00am	17	148	1,465	16	148	2,114	12	132	1,275	5	50	875	50	478	5,729
12:00pm	16	140	1,589	15	138	2,548	12	132	1,712	6	60	1,279	49	470	7,128
1:00pm	20	172	2,229	13	118	3,022	13	143	2,172	13	130	1,671	59	563	9,094
2:00pm	17	148	3,153	14	130	4,804	11	121	3,045	8	80	1,732	50	479	12,734
3:00pm	17	148	5,319	15	140	8,208	15	165	6,315	8	80	2,613	55	533	22,455
4:00pm	23	202	8,213	15	138	9,518	16	176	8,750	11	110	4,964	65	626	31,445
5:00pm	21	184	8,936	19	178	10,680	25	275	11,150	13	130	5,097	78	767	35,863
6:00pm	20	174	7,581	22	204	9,008	18	198	7,492	14	140	5,890	74	716	29,971
7:00pm	20	176	5,182	14	130	5,410	18	198	5,643	10	100	3,687	62	604	19,922
8:00pm	17	148	3,163	21	194	6,054	13	143	3,473	9	90	1,667	60	575	14,357
9:00pm	7	60	1,682	11	106	3,329	14	154	3,572	7	70	1,217	39	390	9,800
10:00pm	17	148	2893	5	50	2670	11	121	2,887	6	60	1,627	39	379	10,077
11:00pm	7	64	1986	5	50	2393	9	99	2,120	6	60	1,409	27	273	7,908
TOTAL	315	2,744	64,388	288	2,692	84,464	283	3,113	69,582	175	1,750	43,244	1,061	10,299	261,678

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 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	58	2	14	58	4	30	116
1:00am	1	8	23	2	14	38	3	22	61
2:00am	2	16	21	1	7	9	3	23	30
3:00am	1	8	14	2	14	23	3	22	37
4:00am	2	16	125	1	7	42	3	23	167
5:00am	4	32	822	2	14	285	6	46	1,107
6:00am	14	108	2,259	11	77	1,630	25	185	3,889
7:00am	20	153	5,105	20	140	3,716	40	293	8,821
8:00am	23	174	6,615	21	147	6,382	44	321	12,997
9:00am	22	167	3,780	21	147	4,249	43	314	8,029
10:00am	10	75	1,212	12	84	1,917	22	159	3,129
11:00am	7	52	983	8	56	1,321	15	108	2,304
12:00pm	7	52	882	8	56	1,238	15	108	2,120
1:00pm	7	52	847	8	56	1,134	15	108	1,981
2:00pm	7	52	758	8	56	1,114	15	108	1,872
3:00pm	10	75	929	12	84	1,081	22	159	2,010
4:00pm	17	129	1,008	17	119	1,392	34	248	2,400
5:00pm	22	167	1,426	20	140	1,965	42	307	3,391
6:00pm	21	160	1,245	20	140	1,978	41	300	3,223
7:00pm	14	107	584	14	98	1,040	28	205	1,624
8:00pm	11	83	318	12	84	410	23	167	728
9:00pm	10	75	265	11	77	292	21	152	557
10:00pm	8	60	207	9	63	231	17	123	438
11:00pm	4	30	89	1	7	86	5	37	175
TOTAL	246	1,867	29,575	243	1,701	31,631	489	3,568	61,206

NEW JERSEY SECTOR, 2019-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	8	218	2	14	322	3	22	540
1:00am	2	16	123	1	7	109	3	23	232
2:00am	1	8	41	2	14	73	3	22	114
3:00am	2	16	38	1	7	41	3	23	79
4:00am	1	8	44	2	14	40	3	22	84
5:00am	5	39	157	2	14	74	7	53	231
6:00am	16	122	460	10	70	301	26	192	761
7:00am	20	153	776	20	140	782	40	293	1,558
8:00am	23	174	977	22	154	1,085	45	328	2,062
9:00am	16	121	632	20	140	639	36	261	1,271
10:00am	10	75	440	11	77	411	21	152	851
11:00am	7	52	421	8	56	418	15	108	839
12:00pm	7	52	554	8	56	609	15	108	1,163
1:00pm	7	52	737	8	56	776	15	108	1,513
2:00pm	7	52	1,048	9	63	1,163	16	115	2,211
3:00pm	10	75	2,192	12	84	1,877	22	159	4,069
4:00pm	22	167	3,851	17	119	2,903	39	286	6,754
5:00pm	23	174	5,465	20	140	4,892	43	314	10,357
6:00pm	20	153	4,188	21	147	4,684	41	300	8,872
7:00pm	14	107	2,195	14	98	2,771	28	205	4,966
8:00pm	11	83	1,589	12	84	2,012	23	167	3,601
9:00pm	10	75	1,010	10	70	1,759	20	145	2,769
10:00pm	8	60	671	8	56	1,316	16	116	1,987
11:00pm	3	24	501	2	14	754	5	38	1,255
TOTAL	246	1,866	28,328	242	1,694	29,811	488	3,560	58,139

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 C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY SECTOR

SUMMARY, 2021-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	5	39	71	5	54	280	4	33	159	14	126	510
1:00am	5	40	44	4	42	140	2	17	37	11	99	221
2:00am	2	17	9	7	64	292	4	29	192	13	110	493
3:00am	0	0	0	1	12	70	0	0	0	1	12	70
4:00am	0	0	0	4	46	440	0	0	0	4	46	440
5:00am	6	43	956	4	46	1,970	6	53	955	16	142	3,881
6:00am	13	100	3,364	14	150	7,740	11	93	3,617	38	343	14,721
7:00am	25	193	8,583	21	205	9,139	14	114	6,226	60	512	23,948
8:00am	33	267	12,913	27	273	10,697	20	178	8,138	80	718	31,748
9:00am	25	184	6,453	14	136	5,511	14	115	3,796	53	435	15,760
10:00am	12	92	2,625	9	92	2,345	7	53	1,725	28	237	6,695
11:00am	8	65	1,954	10	91	1,794	9	64	1,343	27	220	5,091
12:00pm	8	57	1,622	11	97	1,520	7	52	1,495	26	206	4,637
1:00pm	8	56	1,320	7	80	1,330	6	54	1,347	21	190	3,997
2:00pm	11	82	1,497	11	102	1,476	7	56	1,501	29	240	4,474
3:00pm	12	93	1,454	9	82	1,148	5	42	1,009	26	217	3,611
4:00pm	13	108	1,644	10	101	1,567	10	77	2,159	33	286	5,370
5:00pm	15	121	2,107	12	113	1,833	10	83	2,295	37	317	6,235
6:00pm	12	92	1,816	11	103	2,053	11	88	2,262	34	283	6,131
7:00pm	14	101	1,351	9	99	1,285	9	68	1,956	32	268	4,592
8:00pm	9	71	489	8	76	701	5	41	563	22	188	1,753
9:00pm	10	74	543	8	78	856	5	47	458	23	199	1,857
10:00pm	6	45	317	7	80	710	6	55	576	19	180	1,603
11:00pm	5	39	102	8	82	722	3	24	224	16	145	1,048
TOTAL	257	1,979	51,234	231	2,304	55,619	175	1,436	42,033	663	5,719	148,886

SUMMARY, 2021-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	7	57	444	5	54	490	5	44	596	17	155	1,530
1:00am	8	62	260	4	46	270	2	16	214	14	124	744
2:00am	0	0	0	2	10	43	2	12	145	4	22	188
3:00am	0	0	0	5	54	250	0	0	0	5	54	250
4:00am	0	0	0	1	8	70	2	17	59	3	25	129
5:00am	5	41	120	4	46	490	5	43	292	14	130	902
6:00am	14	106	588	6	62	904	8	68	664	28	236	2,156
7:00am	14	105	1,087	8	84	1,309	7	58	841	29	247	3,237
8:00am	13	104	942	9	98	1,390	9	80	1,180	31	282	3,512
9:00am	11	90	757	7	69	883	11	88	1,577	29	247	3,217
10:00am	11	80	751	9	91	843	8	60	1,033	28	231	2,627
11:00am	7	51	662	9	93	916	5	42	811	21	186	2,389
12:00pm	6	46	847	7	70	1,170	8	59	1,311	21	175	3,328
1:00pm	8	58	1,275	9	92	1,878	7	55	1,272	24	205	4,425
2:00pm	12	93	2,216	11	114	3,780	7	59	1,648	30	266	7,644
3:00pm	17	134	3,878	11	116	6,300	8	67	3,178	36	317	13,356
4:00pm	20	152	5,963	19	181	5,595	12	105	5,464	51	438	17,022
5:00pm	30	235	11,872	25	267	10,031	16	146	7,094	71	648	28,997
6:00pm	23	174	7,957	16	164	7,000	17	154	6,263	56	492	21,220
7:00pm	14	105	3,632	10	104	3,068	12	90	3,150	36	299	9,850
8:00pm	12	93	1,935	7	78	2,400	10	79	2,464	29	250	6,799
9:00pm	8	62	1,517	7	72	1,480	6	54	1,381	21	188	4,378
10:00pm	5	37	1,216	8	84	1,610	7	59	1,264	20	180	4,090
11:00pm	6	45	930	9	102	1,440	4	31	580	19	178	2,950
TOTAL	251	1,930	48,849	208	2,159	53,610	178	1,486	42,481	637	5,575	144,940

Note: See note on page III-0.

SECTION C

SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE

60TH STREET SECTOR, 2021-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	1	8	21	2	16	17	2	15	33	0	0	0	5	39	71
1:00am	1	8	7	2	16	21	2	16	16	0	0	0	5	40	44
2:00am	1	8	5	0	0	0	1	9	4	0	0	0	2	17	9
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	2	13	358	2	14	244	2	16	354	0	0	0	6	43	956
6:00am	5	34	966	4	32	1,075	4	34	1,323	0	0	0	13	100	3,364
7:00am	8	59	1,830	9	70	3,339	8	64	3,414	0	0	0	25	193	8,583
8:00am	7	53	2,510	11	86	4,409	14	123	5,868	1	5	126	33	267	12,913
9:00am	8	56	1,436	7	52	1,889	9	71	2,964	1	5	164	25	184	6,453
10:00am	3	21	470	4	32	890	4	34	1,063	1	5	202	12	92	2,625
11:00am	2	15	343	2	16	452	4	34	1,159	0	0	0	8	65	1,954
12:00pm	2	15	323	2	16	500	2	16	661	2	10	138	8	57	1,622
1:00pm	2	13	302	2	16	383	2	17	520	2	10	115	8	56	1,320
2:00pm	3	19	296	3	24	494	4	34	606	1	5	101	11	82	1,497
3:00pm	3	23	298	3	24	395	4	36	597	2	10	164	12	93	1,454
4:00pm	3	23	324	5	42	596	5	43	724	0	0	0	13	108	1,644
5:00pm	3	23	437	6	48	687	6	50	983	0	0	0	15	121	2,107
6:00pm	4	28	316	4	32	537	4	32	963	0	0	0	12	92	1,816
7:00pm	4	28	162	4	30	463	4	34	498	2	9	228	14	101	1,351
8:00pm	2	15	99	4	32	169	3	24	221	0	0	0	9	71	489
9:00pm	2	15	73	3	24	124	3	25	208	2	10	138	10	74	543
10:00pm	2	13	93	2	16	106	2	16	118	0	0	0	6	45	317
11:00pm	1	8	11	2	14	36	2	17	55	0	0	0	5	39	102
TOTAL	69	498	10,680	83	652	16,826	91	760	22,352	14	69	1,376	257	1,979	51,234

60TH STREET SECTOR, 2021-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	3	23	127	2	16	163	2	18	154	0	0	0	7	57	444
1:00am	1	8	23	3	22	105	4	32	132	0	0	0	8	62	260
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	1	8	6	1	8	24	3	25	90	0	0	0	5	41	120
6:00am	4	28	133	6	46	185	4	32	270	0	0	0	14	106	588
7:00am	4	28	180	5	40	409	4	32	460	1	5	38	14	105	1,087
8:00am	4	31	174	4	32	301	5	41	467	0	0	0	13	104	942
9:00am	3	21	147	4	34	286	4	35	324	0	0	0	11	90	757
10:00am	2	13	135	3	24	229	4	33	291	2	10	96	11	80	751
11:00am	2	13	154	2	16	213	2	17	251	1	5	44	7	51	662
12:00pm	2	15	195	2	14	297	2	17	355	0	0	0	6	46	847
1:00pm	2	15	299	2	16	385	2	17	496	2	10	95	8	58	1,275
2:00pm	3	23	533	4	32	786	4	33	856	1	5	41	12	93	2,216
3:00pm	4	28	945	7	53	1,432	6	53	1,501	0	0	0	17	134	3,878
4:00pm	6	42	1,434	7	54	1,924	6	51	2,535	1	5	70	20	152	5,963
5:00pm	9	66	2,550	9	73	4,113	11	91	5,166	1	5	43	30	235	11,872
6:00pm	6	42	1,585	8	60	2,542	9	72	3,830	0	0	0	23	174	7,957
7:00pm	4	28	766	5	38	1,384	4	34	1,442	1	5	40	14	105	3,632
8:00pm	2	15	256	4	32	544	5	41	1,110	1	5	25	12	93	1,935
9:00pm	3	22	448	3	24	464	2	16	605	0	0	0	8	62	1,517
10:00pm	2	15	308	1	8	304	2	14	604	0	0	0	5	37	1,216
11:00pm	2	13	217	2	14	427	2	18	286	0	0	0	6	45	930
TOTAL	69	497	10,615	84	656	16,517	87	722	21,225	11	55	492	251	1,930	48,849

Note: See note on page III-0.

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE

QUEENS SECTOR, 2021-INBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
	TRAINS	CARS	PSGRS	N.E. CORRIDOR			TRAINS	CARS	PSGRS
12:00am	5	54	280	0	0	0	5	54	280
1:00am	4	42	140	0	0	0	4	42	140
2:00am	5	54	240	2	10	52	7	64	292
3:00am	1	12	70	0	0	0	1	12	70
4:00am	4	46	440	0	0	0	4	46	440
5:00am	4	46	1,970	0	0	0	4	46	1,970
6:00am	14	150	7,740	0	0	0	14	150	7,740
7:00am	20	200	9,090	1	5	49	21	205	9,139
8:00am	24	256	10,590	3	17	107	27	273	10,697
9:00am	12	124	5,460	2	12	51	14	136	5,511
10:00am	7	82	2,240	2	10	105	9	92	2,345
11:00am	7	74	1,630	3	17	164	10	91	1,794
12:00pm	8	80	1,440	3	17	80	11	97	1,520
1:00pm	7	80	1,330	0	0	0	7	80	1,330
2:00pm	8	86	1,250	3	16	226	11	102	1,476
3:00pm	7	72	1,040	2	10	108	9	82	1,148
4:00pm	9	96	1,530	1	5	37	10	101	1,567
5:00pm	9	98	1,630	3	15	203	12	113	1,833
6:00pm	9	92	1,850	2	11	203	11	103	2,053
7:00pm	8	94	1,250	1	5	35	9	99	1,285
8:00pm	6	66	590	2	10	111	8	76	701
9:00pm	7	72	770	1	6	86	8	78	856
10:00pm	7	80	710	0	0	0	7	80	710
11:00pm	6	70	410	2	12	312	8	82	722
TOTAL	198	2,126	53,690	33	178	1,929	231	2,304	55,619

QUEENS SECTOR, 2021-OUTBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
	TRAINS	CARS	PSGRS	N.E. CORRIDOR			TRAINS	CARS	PSGRS
12:00am	5	54	490	0	0	0	5	54	490
1:00am	4	46	270	0	0	0	4	46	270
2:00am	0	0	0	2	10	43	2	10	43
3:00am	5	54	250	0	0	0	5	54	250
4:00am	1	8	70	0	0	0	1	8	70
5:00am	4	46	490	0	0	0	4	46	490
6:00am	5	56	860	1	6	44	6	62	904
7:00am	7	78	1,230	1	6	79	8	84	1,309
8:00am	9	98	1,390	0	0	0	9	98	1,390
9:00am	6	64	840	1	5	43	7	69	883
10:00am	7	80	780	2	11	63	9	91	843
11:00am	8	88	870	1	5	46	9	93	916
12:00pm	7	70	1,170	0	0	0	7	70	1,170
1:00pm	7	78	1,760	2	14	118	9	92	1,878
2:00pm	9	102	3,700	2	12	80	11	114	3,780
3:00pm	11	116	6,300	0	0	0	11	116	6,300
4:00pm	16	164	5,510	3	17	85	19	181	5,595
5:00pm	24	262	10,010	1	5	21	25	267	10,031
6:00pm	15	158	6,940	1	6	60	16	164	7,000
7:00pm	8	92	3,040	2	12	28	10	104	3,068
8:00pm	7	78	2,400	0	0	0	7	78	2,400
9:00pm	7	72	1,480	0	0	0	7	72	1,480
10:00pm	8	84	1,610	0	0	0	8	84	1,610
11:00pm	9	102	1,440	0	0	0	9	102	1,440
TOTAL	189	2,050	52,900	19	109	710	208	2,159	53,610

Note: See note on page III-0.

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE

NEW JERSEY SECTOR, 2021-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	134	1	9	25	0	0	0	4	33	159
1:00am	2	17	37	0	0	0	0	0	0	2	17	37
2:00am	2	17	72	0	0	0	2	12	120	4	29	192
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	740	2	18	215	0	0	0	6	53	955
6:00am	6	54	2,335	4	33	1,281	1	6	1	11	93	3,617
7:00am	10	80	4,236	4	34	1,990	0	0	0	14	114	6,226
8:00am	10	92	4,559	8	75	3,168	2	11	411	20	178	8,138
9:00am	10	81	2,349	4	34	1,447	0	0	0	14	115	3,796
10:00am	3	22	819	3	26	688	1	5	218	7	53	1,725
11:00am	2	18	360	3	25	472	4	21	511	9	64	1,343
12:00pm	2	18	607	2	17	386	3	17	502	7	52	1,495
1:00pm	4	38	1,117	2	16	230	0	0	0	6	54	1,347
2:00pm	3	28	844	2	16	368	2	12	289	7	56	1,501
3:00pm	3	25	836	2	17	173	0	0	0	5	42	1,009
4:00pm	5	43	1,419	2	17	257	3	17	483	10	77	2,159
5:00pm	4	36	923	4	35	1,110	2	12	262	10	83	2,295
6:00pm	6	55	1,222	2	16	645	3	17	395	11	88	2,262
7:00pm	4	34	744	3	23	811	2	11	401	9	68	1,956
8:00pm	3	24	374	2	17	189	0	0	0	5	41	563
9:00pm	3	28	178	2	19	280	0	0	0	5	47	458
10:00pm	4	37	466	2	18	110	0	0	0	6	55	576
11:00pm	1	8	113	2	16	111	0	0	0	3	24	224
TOTAL	94	814	24,484	56	481	13,956	25	141	3,593	175	1,436	42,033

NEW JERSEY SECTOR, 2021-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	285	3	27	311	0	0	0	5	44	596
1:00am	2	16	214	0	0	0	0	0	0	2	16	214
2:00am	0	0	0	0	0	0	2	12	145	2	12	145
3:00am	0	0	0	0	0	0	0	0	0	0	0	0
4:00am	2	17	59	0	0	0	0	0	0	2	17	59
5:00am	4	34	283	1	9	9	0	0	0	5	43	292
6:00am	5	41	487	3	27	177	0	0	0	8	68	664
7:00am	4	34	589	3	24	252	0	0	0	7	58	841
8:00am	5	44	736	4	36	444	0	0	0	9	80	1,180
9:00am	5	47	940	3	24	207	3	17	430	11	88	1,577
10:00am	2	18	250	3	25	230	3	17	553	8	60	1,033
11:00am	3	26	582	2	16	229	0	0	0	5	42	811
12:00pm	3	25	536	2	17	246	3	17	529	8	59	1,311
1:00pm	3	27	745	2	16	259	2	12	268	7	55	1,272
2:00pm	4	37	1,123	2	17	288	1	5	237	7	59	1,648
3:00pm	5	44	2,154	2	17	699	1	6	325	8	67	3,178
4:00pm	7	65	3,551	5	40	1,913	0	0	0	12	105	5,464
5:00pm	10	95	4,603	5	46	2,278	1	5	213	16	146	7,094
6:00pm	9	87	3,687	7	61	2,318	1	6	258	17	154	6,263
7:00pm	6	51	2,149	3	24	893	3	15	108	12	90	3,150
8:00pm	5	42	1,173	3	26	902	2	11	389	10	79	2,464
9:00pm	4	36	902	2	18	479	0	0	0	6	54	1,381
10:00pm	3	26	482	3	27	605	1	6	177	7	59	1,264
11:00pm	2	19	260	1	6	164	1	6	156	4	31	580
TOTAL	95	848	25,790	59	503	12,903	24	135	3,788	178	1,486	42,481

Note: See note on page III-0.

SECTION D
AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR
SUMMARY, 2021-INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	6,548	3,989	1,062	1,314	12,913
1:00am	3,710	2,368	598	994	7,670
2:00am	2,625	1,748	511	764	5,648
3:00am	2,540	1,555	627	867	5,589
4:00am	4,148	2,321	1,183	1,794	9,446
5:00am	9,684	6,604	3,170	7,375	26,833
6:00am	14,727	10,036	5,913	9,094	39,770
7:00am	18,784	11,860	7,061	8,761	46,466
8:00am	21,415	11,506	7,403	8,513	48,837
9:00am	20,416	10,801	6,957	7,788	45,962
10:00am	18,253	9,593	5,938	6,865	40,649
11:00am	17,900	9,748	5,056	6,182	38,886
12:00pm	17,854	9,712	5,112	5,501	38,179
1:00pm	18,394	10,121	5,431	5,305	39,251
2:00pm	18,960	10,854	5,747	5,244	40,805
3:00pm	19,414	10,148	5,738	5,075	40,375
4:00pm	19,572	9,348	6,081	5,176	40,177
5:00pm	19,765	8,927	5,802	5,616	40,110
6:00pm	19,550	8,655	6,009	5,687	39,901
7:00pm	17,885	9,020	4,794	5,494	37,193
8:00pm	16,505	8,313	3,723	3,940	32,481
9:00pm	14,761	7,908	3,326	3,980	29,975
10:00pm	14,032	7,494	2,410	3,662	27,598
11:00pm	11,582	6,579	1,990	2,304	22,455
TOTAL	349,024	189,208	101,642	117,295	757,169

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, 2021-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	7,168	5,398	3,894	2,648	19,108
1:00am	4,223	3,450	2,343	1,780	11,796
2:00am	2,871	2,434	1,591	1,255	8,151
3:00am	2,529	2,157	1,406	1,124	7,216
4:00am	3,411	3,191	1,994	1,411	10,007
5:00am	6,080	6,853	3,603	2,264	18,800
6:00am	11,460	10,286	5,441	3,144	30,331
7:00am	16,763	11,292	6,070	3,994	38,119
8:00am	17,752	11,470	5,363	4,434	39,019
9:00am	17,406	11,150	4,961	4,124	37,641
10:00am	16,992	10,247	5,555	4,725	37,519
11:00am	16,513	10,213	5,712	5,711	38,149
12:00pm	16,933	10,349	5,718	6,216	39,216
1:00pm	17,204	10,450	7,136	7,016	41,806
2:00pm	18,977	12,015	8,057	8,293	47,342
3:00pm	19,570	12,563	9,501	8,552	50,186
4:00pm	18,965	13,318	10,142	7,763	50,188
5:00pm	19,582	13,938	8,984	7,403	49,907
6:00pm	19,132	13,532	8,545	7,236	48,445
7:00pm	18,430	13,272	8,313	6,039	46,054
8:00pm	15,488	11,771	8,074	5,936	41,269
9:00pm	15,066	11,082	7,013	5,395	38,556
10:00pm	14,438	10,432	6,524	5,074	36,468
11:00pm	11,517	9,326	6,395	4,716	31,954
TOTAL	328,470	230,189	142,335	116,253	817,247

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 D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2021-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	2,013	118	1,661	481	193	594	180	425	187	696	6,548
1:00am	1,057	71	995	302	63	307	121	280	108	406	3,710
2:00am	684	55	741	202	42	188	80	220	59	354	2,625
3:00am	692	49	748	159	41	164	76	207	60	344	2,540
4:00am	1,310	104	1,175	217	52	270	90	209	68	653	4,148
5:00am	3,367	231	2,049	474	149	620	137	337	138	2,182	9,684
6:00am	4,809	397	2,030	705	536	1,103	277	553	309	4,008	14,727
7:00am	6,553	440	1,821	920	1,149	1,570	554	882	625	4,270	18,784
8:00am	6,914	538	1,774	1,063	1,856	1,858	625	1,136	917	4,734	21,415
9:00am	6,815	513	1,629	953	1,831	1,615	550	1,137	848	4,525	20,416
10:00am	5,053	645	2,024	858	1,809	1,434	577	1,007	697	4,149	18,253
11:00am	5,784	728	2,050	878	1,560	1,248	552	950	690	3,460	17,900
12:00pm	5,748	713	2,180	782	1,584	1,229	550	948	697	3,423	17,854
1:00pm	6,120	692	2,249	817	1,566	1,183	562	1,017	726	3,462	18,394
2:00pm	6,239	652	2,257	836	1,588	1,219	670	1,042	708	3,749	18,960
3:00pm	6,018	791	2,182	831	1,549	1,320	751	1,037	818	4,117	19,414
4:00pm	6,399	995	2,040	788	1,550	1,250	827	1,094	758	3,871	19,572
5:00pm	6,566	997	2,024	813	1,710	1,263	871	1,105	720	3,696	19,765
6:00pm	5,823	941	2,061	1,090	1,724	1,370	769	1,064	866	3,842	19,550
7:00pm	4,964	760	2,329	1,200	1,529	1,456	595	1,044	780	3,228	17,885
8:00pm	5,137	588	2,704	1,095	1,138	1,401	479	983	648	2,332	16,505
9:00pm	4,496	401	2,738	1,048	871	1,358	443	861	552	1,993	14,761
10:00pm	4,296	301	2,702	974	771	1,325	382	917	520	1,844	14,032
11:00pm	3,354	239	2,620	881	508	1,099	299	795	359	1,428	11,582
TOTAL	110,211	11,959	46,783	18,367	25,369	26,444	11,017	19,250	12,858	66,766	349,024

Notes: - 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, 2021-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	2,095	419	720	0	822	157	599	283	268	461	78	1,266	7,168
1:00am	1,164	267	486	0	559	84	326	180	168	319	45	625	4,223
2:00am	774	204	356	0	398	53	200	127	100	230	32	397	2,871
3:00am	626	228	334	0	412	61	151	93	77	206	27	314	2,529
4:00am	954	330	440	0	595	81	186	111	91	260	45	318	3,411
5:00am	2,221	422	613	0	772	129	323	211	168	521	111	589	6,080
6:00am	3,868	675	1,097	0	1,278	381	609	325	364	889	263	1,711	11,460
7:00am	4,108	825	1,808	0	1,985	1,163	1,155	556	679	1,165	490	2,829	16,763
8:00am	4,064	801	1,792	0	1,863	1,598	1,151	703	1,112	1,145	567	2,956	17,752
9:00am	4,669	708	1,699	0	1,712	1,564	1,080	746	1,064	1,212	527	2,425	17,406
10:00am	4,413	774	1,477	0	1,614	1,558	1,004	733	943	1,269	579	2,628	16,992
11:00am	4,038	744	1,418	0	1,594	1,534	1,023	706	843	1,260	441	2,912	16,513
12:00pm	4,052	758	1,441	0	1,681	1,479	1,139	750	912	1,213	426	3,082	16,933
1:00pm	3,465	743	1,594	0	1,684	1,540	1,196	771	904	1,264	409	3,634	17,204
2:00pm	4,095	904	1,661	0	1,935	1,741	1,237	721	910	1,355	467	3,951	18,977
3:00pm	4,536	917	1,602	0	1,743	1,660	1,271	758	994	1,603	771	3,715	19,570
4:00pm	4,285	813	1,670	0	1,707	1,693	1,398	688	984	1,720	1,084	2,923	18,965
5:00pm	4,306	749	1,749	0	1,883	1,840	1,636	720	1,026	1,807	1,007	2,859	19,582
6:00pm	3,874	765	1,579	0	1,971	1,721	1,751	833	1,060	1,746	768	3,064	19,132
7:00pm	4,045	552	1,551	0	2,005	1,284	1,890	903	912	1,370	499	3,419	18,430
8:00pm	3,921	680	1,433	0	1,604	885	1,417	708	762	1,064	308	2,706	15,488
9:00pm	3,644	653	1,461	0	1,558	765	1,414	649	669	991	240	3,022	15,066
10:00pm	3,737	552	1,270	0	1,427	619	1,302	628	615	1,024	232	3,032	14,438
11:00pm	3,171	473	1,023	0	1,076	374	1,032	523	488	797	156	2,404	11,517
TOTAL	80,125	14,956	30,274	0	33,878	23,964	24,490	13,426	16,113	24,891	9,572	56,781	328,470

Notes: - 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.
- The 2021 HubBound volume data across the QBB was impacted by a new method of collection and construction. Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not actually entering the CBD. Care should be taken in comparing this year's data with prior years of data.

SECTION D

AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY

BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2021-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	1,974	588	1,233	194	3,989	450	612	1,062	4	1,310	1,314	6,365
1:00am	1,010	352	925	81	2,368	186	412	598	2	992	994	3,960
2:00am	690	244	754	60	1,748	153	358	511	4	760	764	3,023
3:00am	565	190	764	36	1,555	165	462	627	0	867	867	3,049
4:00am	691	196	1,229	205	2,321	455	728	1,183	246	1,548	1,794	5,298
5:00am	1,528	771	2,806	1,499	6,604	1,617	1,553	3,170	3,146	4,229	7,375	17,149
6:00am	2,597	1,388	2,926	3,125	10,036	2,970	2,943	5,913	3,113	5,981	9,094	25,043
7:00am	3,303	1,858	3,060	3,639	11,860	4,054	3,007	7,061	3,119	5,642	8,761	27,682
8:00am	3,411	1,906	2,650	3,539	11,506	4,406	2,997	7,403	3,107	5,406	8,513	27,422
9:00am	3,185	1,645	2,398	3,573	10,801	4,753	2,204	6,957	2,867	4,921	7,788	25,546
10:00am	3,169	1,531	2,305	2,588	9,593	4,212	1,726	5,938	2,871	3,994	6,865	22,396
11:00am	3,206	1,667	2,472	2,403	9,748	3,419	1,637	5,056	2,906	3,276	6,182	20,986
12:00pm	3,314	1,704	2,408	2,286	9,712	3,458	1,654	5,112	2,593	2,908	5,501	20,325
1:00pm	3,478	1,805	2,586	2,252	10,121	3,689	1,742	5,431	2,567	2,738	5,305	20,857
2:00pm	3,749	2,140	2,632	2,333	10,854	3,761	1,986	5,747	2,607	2,637	5,244	21,845
3:00pm	3,457	2,024	2,530	2,137	10,148	3,716	2,022	5,738	2,557	2,518	5,075	20,961
4:00pm	3,246	2,088	2,415	1,599	9,348	4,079	2,002	6,081	2,727	2,449	5,176	20,605
5:00pm	3,019	2,001	2,605	1,302	8,927	3,870	1,932	5,802	3,136	2,480	5,616	20,345
6:00pm	2,862	1,923	2,396	1,474	8,655	3,973	2,036	6,009	3,127	2,560	5,687	20,351
7:00pm	3,132	1,421	2,266	2,201	9,020	3,242	1,552	4,794	2,615	2,879	5,494	19,308
8:00pm	3,202	1,162	2,501	1,448	8,313	2,277	1,446	3,723	2,117	1,823	3,940	15,976
9:00pm	3,181	1,221	2,487	1,019	7,908	1,979	1,347	3,326	2,240	1,740	3,980	15,214
10:00pm	3,002	1,156	2,573	763	7,494	1,318	1,092	2,410	1,982	1,680	3,662	13,566
11:00pm	2,857	965	2,172	585	6,579	1,068	922	1,990	82	2,222	2,304	10,873
TOTAL	63,828	31,946	53,093	40,341	189,208	63,270	38,372	101,642	49,735	67,560	117,295	408,145

Notes: - See note on page III-0.
- New Jersey Sector - Lincoln and Holland Tunnels' (LHT) counts exclude small commuter buses.
- The 2021 HubBound volume data across the QBB was impacted by a new method of collection and construction. Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not actually entering the CBD. Care should be taken in comparing this year's data with prior years of data.

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2021-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	1,510	1,430	2,028	430	5,398	959	2,935	3,894	1,096	1,552	2,648	11,940
1:00am	851	1,134	1,277	188	3,450	598	1,745	2,343	868	912	1,780	7,573
2:00am	635	884	823	92	2,434	316	1,275	1,591	650	605	1,255	5,280
3:00am	664	848	597	48	2,157	315	1,091	1,406	641	483	1,124	4,687
4:00am	1,311	1,107	701	72	3,191	546	1,448	1,994	850	561	1,411	6,596
5:00am	2,865	2,211	1,604	173	6,853	1,158	2,445	3,603	1,453	811	2,264	12,720
6:00am	3,901	3,073	2,685	627	10,286	1,892	3,549	5,441	1,792	1,352	3,144	18,871
7:00am	3,672	3,615	2,964	1,041	11,292	2,206	3,864	6,070	1,994	2,000	3,994	21,356
8:00am	3,636	3,487	3,043	1,304	11,470	1,974	3,389	5,363	2,175	2,259	4,434	21,267
9:00am	3,674	3,620	2,582	1,274	11,150	1,987	2,974	4,961	2,000	2,124	4,124	20,235
10:00am	3,297	2,990	2,473	1,487	10,247	1,988	3,567	5,555	2,140	2,585	4,725	20,527
11:00am	3,287	2,636	2,831	1,459	10,213	1,934	3,778	5,712	2,412	3,299	5,711	21,636
12:00pm	3,159	2,392	2,759	2,039	10,349	1,882	3,836	5,718	2,352	3,864	6,216	22,283
1:00pm	3,017	2,404	2,807	2,222	10,450	3,000	4,136	7,136	2,614	4,402	7,016	24,602
2:00pm	3,503	2,841	3,089	2,582	12,015	3,365	4,692	8,057	2,693	5,600	8,293	28,365
3:00pm	3,377	2,900	3,150	3,136	12,563	3,706	5,795	9,501	2,791	5,761	8,552	30,616
4:00pm	3,412	2,946	3,663	3,297	13,318	4,234	5,908	10,142	2,393	5,370	7,763	31,223
5:00pm	3,635	3,061	3,755	3,487	13,938	3,202	5,782	8,984	2,588	4,815	7,403	30,325
6:00pm	3,346	3,084	3,625	3,477	13,532	3,247	5,298	8,545	2,582	4,654	7,236	29,313
7:00pm	3,281	3,668	3,424	2,899	13,272	3,136	5,177	8,313	2,369	3,670	6,039	27,624
8:00pm	3,289	3,286	3,260	1,936	11,771	3,072	5,002	8,074	2,566	3,370	5,936	25,781
9:00pm	3,151	3,201	3,215	1,515	11,082	2,759	4,254	7,013	2,373	3,022	5,395	23,490
10:00pm	3,000	3,170	3,166	1,096	10,432	2,382	4,142	6,524	2,224	2,850	5,074	22,030
11:00pm	2,566	2,691	2,958	1,111	9,326	2,415	3,980	6,395	2,151	2,565	4,716	20,437
TOTAL	68,039	62,679	62,479	36,992	230,189	52,273	90,062	142,335	47,767	68,486	116,253	488,777

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 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.
- The 2021 HubBound volume data across the QBB was impacted by a new method of collection and construction. Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not actually entering the CBD. Care should be taken in comparing this year's data with prior years of data.

SECTION E

AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2021

INBOUND

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	4,912	3,370	847	959	10,088
1:00am	2,791	1,987	484	726	5,988
2:00am	1,988	1,463	414	558	4,423
3:00am	1,921	1,297	510	633	4,361
4:00am	3,146	1,935	949	1,332	7,362
5:00am	7,450	5,540	2,503	5,666	21,159
6:00am	12,009	8,544	5,206	7,290	33,049
7:00am	14,769	10,246	5,917	6,943	37,875
8:00am	16,286	9,809	5,973	6,519	38,587
9:00am	15,547	9,200	5,428	6,210	36,385
10:00am	14,062	8,049	4,613	5,601	32,325
11:00am	13,614	8,270	3,980	5,044	30,908
12:00pm	13,390	8,098	3,957	4,288	29,733
1:00pm	13,925	8,435	4,122	4,137	30,619
2:00pm	14,600	8,931	4,323	3,993	31,847
3:00pm	15,061	8,680	4,351	3,941	32,033
4:00pm	15,066	7,945	4,381	3,862	31,254
5:00pm	14,836	7,442	4,281	4,105	30,664
6:00pm	14,899	7,507	4,428	4,355	31,189
7:00pm	13,821	7,853	3,671	3,879	29,224
8:00pm	12,521	7,033	2,902	3,066	25,522
9:00pm	11,159	6,675	2,598	3,106	23,538
10:00pm	10,584	6,309	1,894	2,851	21,638
11:00pm	8,726	5,549	1,566	1,689	17,530
TOTAL	267,083	160,167	79,298	90,753	597,301

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	5,504	3,983	2,967	2,022	14,476
1:00am	3,222	2,522	1,782	1,378	8,904
2:00am	2,186	1,766	1,224	977	6,153
3:00am	1,915	1,551	1,076	883	5,425
4:00am	2,577	2,292	1,510	1,115	7,494
5:00am	4,649	4,938	2,703	1,802	14,092
6:00am	9,254	7,311	3,696	2,519	22,780
7:00am	13,395	8,133	4,036	3,064	28,628
8:00am	13,899	8,265	3,685	3,342	29,191
9:00am	13,300	7,989	3,497	3,114	27,900
10:00am	12,952	7,476	4,206	3,576	28,210
11:00am	12,693	7,513	4,416	4,389	29,011
12:00pm	12,893	7,689	4,473	4,697	29,752
1:00pm	13,191	7,982	5,550	5,355	32,078
2:00pm	14,506	9,147	6,169	6,017	35,839
3:00pm	14,899	10,015	7,259	6,388	38,561
4:00pm	13,757	10,254	7,746	5,988	37,745
5:00pm	14,012	10,590	6,877	5,755	37,234
6:00pm	13,823	10,192	6,457	5,499	35,971
7:00pm	13,523	9,951	6,213	4,693	34,380
8:00pm	11,792	8,763	5,984	4,548	31,087
9:00pm	11,525	8,209	5,183	4,139	29,056
10:00pm	11,090	7,680	4,851	3,892	27,513
11:00pm	8,868	6,897	4,742	3,629	24,136
TOTAL	249,425	171,108	106,302	88,781	615,616

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 2021). 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 (LHTT) counts exclude small commuter buses. LHTT 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.
- The 2021 Hub Bound volume data across the QBB was impacted by a new method of collection. Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not actually entering the CBD. Care should be taken in comparing this year's data with prior years of data.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2021-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	1,480	105	1,195	408	141	383	132	322	130	616	4,912
1:00am	777	63	716	256	46	198	89	212	75	359	2,791
2:00am	503	49	533	171	31	121	59	167	41	313	1,988
3:00am	509	44	538	135	30	106	56	157	42	304	1,921
4:00am	963	93	845	184	38	174	66	158	47	578	3,146
5:00am	2,476	206	1,474	402	109	400	101	255	96	1,931	7,450
6:00am	3,847	374	1,538	607	395	697	187	471	213	3,680	12,009
7:00am	4,861	409	1,355	736	930	958	400	715	440	3,965	14,769
8:00am	4,978	478	1,291	834	1,343	1,073	449	844	633	4,363	16,286
9:00am	4,833	452	1,233	777	1,326	976	403	840	563	4,144	15,547
10:00am	3,581	561	1,517	741	1,276	903	413	734	505	3,831	14,062
11:00am	3,981	649	1,564	735	1,170	809	414	700	492	3,100	13,614
12:00pm	3,964	626	1,605	642	1,113	823	404	725	496	2,992	13,390
1:00pm	4,378	601	1,620	705	1,142	814	425	748	505	2,987	13,925
2:00pm	4,632	605	1,639	731	1,135	829	479	760	530	3,260	14,600
3:00pm	4,508	674	1,554	788	1,148	896	576	755	573	3,589	15,061
4:00pm	4,866	843	1,399	708	1,117	825	625	830	547	3,306	15,066
5:00pm	4,748	913	1,350	695	1,175	842	641	840	500	3,132	14,836
6:00pm	4,362	829	1,353	894	1,300	901	610	846	554	3,250	14,899
7:00pm	3,927	699	1,593	1,008	1,155	972	449	808	522	2,688	13,821
8:00pm	3,777	525	1,945	928	831	904	352	745	450	2,064	12,521
9:00pm	3,306	358	1,970	888	636	876	326	652	383	1,764	11,159
10:00pm	3,159	269	1,944	825	563	855	281	695	361	1,632	10,584
11:00pm	2,466	213	1,885	747	371	709	220	602	249	1,264	8,726
TOTAL	80,882	10,638	33,656	15,545	18,521	17,044	8,157	14,581	8,947	59,112	267,083

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 2021). 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, 2021-OUTBOUND

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	1,703	287	581	0	559	103	413	161	203	349	54	1,091	5,504
1:00am	946	183	392	0	380	55	225	102	127	242	31	539	3,222
2:00am	629	140	287	0	271	35	138	72	76	174	22	342	2,186
3:00am	509	156	269	0	280	40	104	53	58	156	19	271	1,915
4:00am	776	226	355	0	405	53	128	63	69	197	31	274	2,577
5:00am	1,806	289	494	0	525	85	223	120	127	395	77	508	4,649
6:00am	3,226	487	899	0	946	248	527	232	260	778	170	1,481	9,254
7:00am	3,409	539	1,482	0	1,468	735	1,000	358	500	976	344	2,584	13,395
8:00am	3,384	540	1,418	0	1,340	988	994	433	782	992	372	2,656	13,899
9:00am	3,656	500	1,339	0	1,224	1,039	872	437	754	1,016	351	2,112	13,300
10:00am	3,467	537	1,212	0	1,173	1,025	710	414	715	1,017	395	2,287	12,952
11:00am	3,238	514	1,165	0	1,164	1,052	701	417	685	973	318	2,466	12,693
12:00pm	3,234	504	1,200	0	1,175	1,047	760	412	702	950	330	2,579	12,893
1:00pm	2,969	505	1,313	0	1,162	1,090	792	413	701	929	314	3,003	13,191
2:00pm	3,500	609	1,376	0	1,272	1,162	806	417	687	982	330	3,365	14,506
3:00pm	3,777	625	1,328	0	1,172	1,082	831	421	769	1,154	548	3,192	14,899
4:00pm	3,246	573	1,275	0	1,112	1,069	893	378	776	1,231	723	2,481	13,757
5:00pm	3,310	500	1,339	0	1,135	1,148	1,004	391	807	1,260	699	2,419	14,012
6:00pm	3,191	495	1,267	0	1,197	1,111	1,037	425	785	1,183	538	2,594	13,823
7:00pm	3,371	425	1,254	0	1,210	852	1,060	452	709	932	343	2,915	13,523
8:00pm	3,188	466	1,156	0	1,091	582	977	402	577	806	214	2,333	11,792
9:00pm	2,963	447	1,178	0	1,060	503	975	369	507	751	167	2,605	11,525
10:00pm	3,038	378	1,024	0	971	407	898	357	466	776	161	2,614	11,090
11:00pm	2,578	324	825	0	732	246	712	297	370	604	108	2,072	8,868
TOTAL	65,114	10,249	24,428	0	23,024	15,757	16,780	7,596	12,212	18,823	6,659	48,783	249,425

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 2021). 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, 2021-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	1,732	474	994	170	3,370	333	514	847	3	956	959	5,176
1:00am	886	284	746	71	1,987	138	346	484	2	724	726	3,197
2:00am	605	197	608	53	1,463	113	301	414	3	555	558	2,435
3:00am	496	153	616	32	1,297	122	388	510	0	633	633	2,440
4:00am	606	158	991	180	1,935	337	612	949	202	1,130	1,332	4,216
5:00am	1,340	622	2,263	1,315	5,540	1,198	1,305	2,503	2,579	3,087	5,666	13,709
6:00am	2,235	1,090	2,406	2,813	8,544	2,645	2,561	5,206	2,728	4,562	7,290	21,040
7:00am	2,949	1,492	2,506	3,299	10,246	3,309	2,608	5,917	2,659	4,284	6,943	23,106
8:00am	2,891	1,552	2,146	3,220	9,809	3,392	2,581	5,973	2,570	3,949	6,519	22,301
9:00am	2,743	1,336	1,902	3,219	9,200	3,552	1,876	5,428	2,459	3,751	6,210	20,838
10:00am	2,695	1,243	1,835	2,276	8,049	3,150	1,463	4,613	2,367	3,234	5,601	18,263
11:00am	2,920	1,350	1,903	2,097	8,270	2,612	1,368	3,980	2,404	2,640	5,044	17,294
12:00pm	2,837	1,383	1,902	1,976	8,098	2,575	1,382	3,957	2,098	2,190	4,288	16,343
1:00pm	3,009	1,443	2,052	1,931	8,435	2,687	1,435	4,122	2,097	2,040	4,137	16,694
2:00pm	3,210	1,613	2,076	2,032	8,931	2,690	1,633	4,323	2,004	1,989	3,993	17,247
3:00pm	3,001	1,677	2,070	1,932	8,680	2,677	1,674	4,351	2,052	1,889	3,941	16,972
4:00pm	2,774	1,762	1,988	1,421	7,945	2,725	1,656	4,381	2,194	1,668	3,862	16,188
5:00pm	2,535	1,635	2,137	1,135	7,442	2,671	1,610	4,281	2,469	1,636	4,105	15,828
6:00pm	2,708	1,532	2,008	1,259	7,507	2,765	1,663	4,428	2,508	1,847	4,355	16,290
7:00pm	2,930	1,150	1,930	1,843	7,853	2,403	1,268	3,671	2,116	1,763	3,879	15,403
8:00pm	2,809	937	2,017	1,270	7,033	1,687	1,215	2,902	1,735	1,331	3,066	13,001
9:00pm	2,790	985	2,006	894	6,675	1,466	1,132	2,598	1,836	1,270	3,106	12,379
10:00pm	2,633	932	2,075	669	6,309	976	918	1,894	1,625	1,226	2,851	11,054
11:00pm	2,506	778	1,752	513	5,549	791	775	1,566	67	1,622	1,689	8,804
TOTAL	55,840	25,778	42,929	35,620	160,167	47,014	32,284	79,298	40,777	49,976	90,753	330,218

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 2021). 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.
- The 2021 Hub Bound volume data across the QBB was impacted by a new method of collection. Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not actually entering the CBD. Care should be taken in comparing this year's data with prior years of data.

SECTION E

AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY

BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2021-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	1,086	966	1,560	371	3,983	619	2,348	2,967	929	1,093	2,022	8,972
1:00am	612	766	982	162	2,522	386	1,396	1,782	736	642	1,378	5,682
2:00am	457	597	633	79	1,766	204	1,020	1,224	551	426	977	3,967
3:00am	478	573	459	41	1,551	203	873	1,076	543	340	883	3,510
4:00am	943	748	539	62	2,292	352	1,158	1,510	720	395	1,115	4,917
5:00am	2,061	1,494	1,234	149	4,938	747	1,956	2,703	1,231	571	1,802	9,443
6:00am	2,728	2,096	1,910	577	7,311	1,245	2,451	3,696	1,558	961	2,519	13,526
7:00am	2,541	2,519	2,119	954	8,133	1,400	2,636	4,036	1,676	1,388	3,064	15,233
8:00am	2,518	2,400	2,183	1,164	8,265	1,240	2,445	3,685	1,826	1,516	3,342	15,292
9:00am	2,503	2,441	1,937	1,108	7,989	1,251	2,246	3,497	1,642	1,472	3,114	14,600
10:00am	2,312	1,987	1,923	1,254	7,476	1,258	2,948	4,206	1,815	1,761	3,576	15,258
11:00am	2,336	1,774	2,188	1,215	7,513	1,286	3,130	4,416	2,056	2,333	4,389	16,318
12:00pm	2,247	1,602	2,169	1,671	7,689	1,208	3,265	4,473	2,010	2,687	4,697	16,859
1:00pm	2,260	1,617	2,258	1,847	7,982	1,975	3,575	5,550	2,257	3,098	5,355	18,887
2:00pm	2,597	1,878	2,489	2,183	9,147	2,233	3,936	6,169	2,271	3,746	6,017	21,333
3:00pm	2,539	2,073	2,704	2,699	10,015	2,454	4,805	7,259	2,328	4,060	6,388	23,662
4:00pm	2,511	1,984	2,857	2,902	10,254	2,666	5,080	7,746	2,019	3,969	5,988	23,988
5:00pm	2,675	2,101	2,851	2,963	10,590	2,067	4,810	6,877	2,186	3,569	5,755	23,222
6:00pm	2,482	2,021	2,757	2,932	10,192	2,064	4,393	6,457	2,134	3,365	5,499	22,148
7:00pm	2,499	2,344	2,624	2,484	9,951	1,980	4,233	6,213	2,020	2,673	4,693	20,857
8:00pm	2,366	2,220	2,508	1,669	8,763	1,982	4,002	5,984	2,175	2,373	4,548	19,295
9:00pm	2,267	2,163	2,473	1,306	8,209	1,780	3,403	5,183	2,011	2,128	4,139	17,531
10:00pm	2,158	2,142	2,435	945	7,680	1,537	3,314	4,851	1,885	2,007	3,892	16,423
11:00pm	1,846	1,818	2,275	958	6,897	1,558	3,184	4,742	1,823	1,806	3,629	15,268
TOTAL	49,022	42,324	48,067	31,695	171,108	33,695	72,607	106,302	40,402	48,379	88,781	366,191

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 2021). 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

2021-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	58	58	7	65
1:00am	0	0	0	45	45	1	46
2:00am	0	0	0	38	38	0	38
3:00am	0	0	0	48	48	0	48
4:00am	0	0	0	156	156	0	156
5:00am	0	0	125	705	830	7	837
6:00am	11	94	871	1,896	2,872	60	2,932
7:00am	173	416	1,743	2,863	5,195	267	5,462
8:00am	244	648	1,897	2,152	4,941	301	5,242
9:00am	236	368	972	884	2,460	206	2,666
10:00am	74	196	348	717	1,335	95	1,430
11:00am	79	143	262	726	1,210	131	1,341
12:00pm	105	166	302	700	1,273	115	1,388
1:00pm	89	231	403	882	1,605	123	1,728
2:00pm	140	469	145	852	1,606	121	1,727
3:00pm	117	267	420	1,086	1,890	154	2,044
4:00pm	122	225	375	865	1,587	133	1,720
5:00pm	195	294	730	713	1,932	166	2,098
6:00pm	106	274	456	573	1,409	122	1,531
7:00pm	115	204	105	491	915	87	1,002
8:00pm	48	96	32	390	566	56	622
9:00pm	26	46	34	219	325	22	347
10:00pm	11	36	9	219	275	56	331
11:00pm	0	0	9	112	121	48	169
TOTAL	1,891	4,173	9,238	17,390	32,692	2,278	34,970

2021-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	320	320	11	331
1:00am	0	0	0	182	182	5	187
2:00am	0	0	0	74	74	1	75
3:00am	0	0	0	42	42	0	42
4:00am	0	0	0	74	74	0	74
5:00am	0	0	0	170	170	2	172
6:00am	17	23	13	439	492	29	521
7:00am	26	61	408	378	873	36	909
8:00am	58	110	403	405	976	81	1,057
9:00am	39	232	256	256	783	63	846
10:00am	37	382	322	407	1,148	82	1,230
11:00am	47	163	235	548	993	89	1,082
12:00pm	68	160	223	682	1,133	119	1,252
1:00pm	86	156	155	809	1,206	107	1,313
2:00pm	80	198	291	1,002	1,571	172	1,743
3:00pm	177	334	445	1,371	2,327	214	2,541
4:00pm	198	496	1,126	2,598	4,418	255	4,673
5:00pm	316	591	1,864	2,693	5,464	329	5,793
6:00pm	218	452	1,519	1,752	3,941	318	4,259
7:00pm	120	309	695	1,109	2,233	180	2,413
8:00pm	106	120	263	641	1,130	125	1,255
9:00pm	52	91	188	513	844	81	925
10:00pm	1	9	108	460	578	71	649
11:00pm	0	0	85	411	496	39	535
TOTAL	1,646	3,887	8,599	17,336	31,468	2,409	33,877

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

SECTION G BICYCLE VOLUMES BY SECTOR SUMMARY, 2021

INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	83	16	-	99
1:00am	-	27	6	-	33
2:00am	-	16	4	2	22
3:00am	-	18	16	3	37
4:00am	-	31	40	6	77
5:00am	-	118	136	18	272
6:00am	514	364	277	30	1,185
7:00am	1,006	796	410	23	2,235
8:00am	1,376	1,243	394	34	3,047
9:00am	1,042	958	296	21	2,317
10:00am	994	682	280	18	1,974
11:00am	1,310	565	218	9	2,102
12:00pm	1,497	425	127	10	2,059
1:00pm	1,423	443	120	11	1,997
2:00pm	1,344	464	175	21	2,004
3:00pm	1,227	506	167	16	1,916
4:00pm	1,334	542	156	11	2,043
5:00pm	1,889	690	182	15	2,776
6:00pm	1,838	679	128	2	2,647
7:00pm	1,660	443	71	3	2,177
8:00pm	1,359	292	45	2	1,698
9:00pm	815	280	47	6	1,148
10:00pm	467	225	55	2	749
11:00pm	323	126	19	-	468
TOTAL	21,418	10,016	3,385	263	35,082

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	213	106	6	325
1:00am	-	102	33	5	140
2:00am	-	50	28	4	82
3:00am	-	26	26	1	53
4:00am	-	16	10	-	26
5:00am	-	37	12	2	51
6:00am	385	99	37	6	527
7:00am	627	200	85	7	919
8:00am	752	334	87	8	1,181
9:00am	652	258	48	9	967
10:00am	700	262	56	6	1,024
11:00am	974	253	55	7	1,289
12:00pm	1,301	332	69	7	1,709
1:00pm	1,371	360	110	11	1,852
2:00pm	1,208	466	148	10	1,832
3:00pm	1,217	613	217	19	2,066
4:00pm	1,353	788	325	27	2,493
5:00pm	1,887	1,206	378	42	3,513
6:00pm	1,967	1,335	332	33	3,667
7:00pm	1,717	882	241	17	2,857
8:00pm	1,405	616	168	24	2,213
9:00pm	1,077	612	235	23	1,947
10:00pm	752	525	240	12	1,529
11:00pm	514	396	211	16	1,137
TOTAL	19,859	9,981	3,257	302	33,399

Note: See note on page III-0.

SECTION G
BICYCLE VOLUMES BY FACILITY
60TH STREET SECTOR, 2021-INBOUND

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	5	178	2	7	6	1	37	5	41	46	5	36	4	21	-	120	514
7:00am	2	309	6	22	6	1	90	5	81	80	8	90	6	37	-	263	1,006
8:00am	4	383	6	25	12	1	134	6	110	167	14	96	7	47	1	363	1,376
9:00am	1	276	4	32	16	1	113	6	80	124	6	98	16	30	-	239	1,042
10:00am	3	295	4	78	27	6	106	10	77	92	12	105	15	31	-	133	994
11:00am	5	314	4	138	59	-	111	21	108	136	25	171	20	35	1	162	1,310
12:00pm	3	271	11	147	78	7	166	23	164	145	25	236	23	48	-	150	1,497
1:00pm	6	272	4	128	34	6	177	22	150	141	32	234	22	53	1	141	1,423
2:00pm	4	304	4	114	36	1	122	7	123	113	26	253	26	37	3	171	1,344
3:00pm	5	309	7	88	21	2	105	13	117	108	12	192	9	35	-	204	1,227
4:00pm	3	336	6	54	30	-	118	18	108	121	17	252	19	55	5	192	1,334
5:00pm	5	508	4	65	25	-	187	16	170	173	18	321	26	74	3	294	1,889
6:00pm	8	385	7	96	38	3	146	20	168	184	24	324	20	95	2	318	1,838
7:00pm	6	350	12	86	34	2	135	32	155	151	36	365	29	81	1	185	1,660
8:00pm	6	310	6	76	25	2	86	18	121	125	34	339	25	49	1	136	1,359
9:00pm	3	177	12	38	8	1	48	12	64	75	20	251	20	26	1	59	815
10:00pm	2	120	8	15	2	-	26	5	49	45	18	118	17	15	-	27	467
11:00pm	4	79	3	16	5	-	24	5	27	34	16	71	10	9	-	20	323
TOTAL	75	5,176	110	1,225	462	34	1,931	244	1,913	2,060	348	3,552	314	778	19	3,177	21,418

Notes: - 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, 2021-OUTBOUND

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	24	3	27	-	3	44	1	69	2	5	74	7	23	9	3	91	385
7:00am	49	3	45	2	10	51	-	135	-	3	113	7	30	7	12	160	627
8:00am	51	7	92	-	10	55	1	187	4	7	126	2	31	12	10	157	752
9:00am	58	6	83	1	9	47	2	172	4	11	102	2	28	11	7	109	652
10:00am	66	13	81	3	12	107	5	137	3	13	116	8	37	2	5	92	700
11:00am	104	7	101	5	32	121	6	154	3	10	226	11	74	6	3	111	974
12:00pm	115	20	141	3	58	147	3	245	7	25	265	17	119	13	3	120	1,301
1:00pm	132	12	153	4	35	106	2	302	9	20	302	25	127	7	6	129	1,371
2:00pm	161	14	134	6	23	65	3	246	9	12	268	13	102	8	7	137	1,208
3:00pm	158	13	130	2	16	92	1	201	3	14	225	16	93	6	8	239	1,217
4:00pm	163	8	120	1	15	118	4	228	5	12	257	14	102	19	14	273	1,353
5:00pm	168	18	141	4	17	131	3	382	2	16	380	13	166	15	21	410	1,887
6:00pm	121	24	219	6	24	115	6	319	6	22	406	33	196	19	17	434	1,967
7:00pm	125	38	187	6	21	95	4	348	8	29	365	29	169	12	7	274	1,717
8:00pm	98	34	176	3	14	44	4	246	7	26	347	38	189	17	7	155	1,405
9:00pm	83	20	165	9	10	38	1	191	2	15	247	25	123	20	8	120	1,077
10:00pm	85	12	118	2	1	17	2	125	6	9	186	17	64	15	4	89	752
11:00pm	71	17	76	-	3	16	5	89	3	9	99	14	40	7	3	62	514
TOTAL	1,832	269	2,189	57	313	1,409	53	3,776	83	258	4,104	291	1,713	205	145	3,162	19,859

Notes: - 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, 2021-INBOUND

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	45	17	21	83	16	0	99
1:00am	17	2	8	27	6	0	33
2:00am	9	3	4	16	4	2	22
3:00am	10	4	4	18	16	3	37
4:00am	22	6	3	31	40	6	77
5:00am	53	31	34	118	136	18	272
6:00am	168	94	102	364	277	30	671
7:00am	345	198	253	796	410	23	1,229
8:00am	463	352	428	1,243	394	34	1,671
9:00am	374	225	359	958	296	21	1,275
10:00am	285	147	250	682	280	18	980
11:00am	243	112	210	565	218	9	792
12:00pm	168	95	162	425	127	10	562
1:00pm	208	98	137	443	120	11	574
2:00pm	210	89	165	464	175	21	660
3:00pm	257	102	147	506	167	16	689
4:00pm	239	117	186	542	156	11	709
5:00pm	264	142	284	690	182	15	887
6:00pm	263	172	244	679	128	2	809
7:00pm	189	97	157	443	71	3	517
8:00pm	133	51	108	292	45	2	339
9:00pm	172	41	67	280	47	6	333
10:00pm	121	29	75	225	55	2	282
11:00pm	60	27	39	126	19	-	145
TOTAL	4,318	2,251	3,447	10,016	3,385	263	13,664

Note: See note on page III-0.

SECTION G
BICYCLE VOLUMES BY LOCATION
BROOKLYN, QUEENS, and STATEN ISLAND SECTORS, 2021-OUTBOUND

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	115	30	68	213	106	6	325
1:00am	68	13	21	102	33	5	140
2:00am	23	5	22	50	28	4	82
3:00am	15	7	4	26	26	1	53
4:00am	9	2	5	16	10	-	26
5:00am	14	6	17	37	12	2	51
6:00am	34	19	46	99	37	6	142
7:00am	73	48	79	200	85	7	292
8:00am	107	92	135	334	87	8	429
9:00am	96	57	105	258	48	9	315
10:00am	106	50	106	262	56	6	324
11:00am	88	66	99	253	55	7	315
12:00pm	131	73	128	332	69	7	408
1:00pm	168	73	119	360	110	11	481
2:00pm	183	106	177	466	148	10	624
3:00pm	258	134	221	613	217	19	849
4:00pm	315	198	275	788	325	27	1,140
5:00pm	457	327	422	1,206	378	42	1,626
6:00pm	584	269	482	1,335	332	33	1,700
7:00pm	395	210	277	882	241	17	1,140
8:00pm	270	131	215	616	168	24	808
9:00pm	257	109	246	612	235	23	870
10:00pm	229	56	240	525	240	12	777
11:00pm	221	61	114	396	211	16	623
TOTAL	4,216	2,142	3,623	9,981	3,257	302	13,540

Note: See note on page III-0.

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Appendix IV

List of Data Sources - 2021

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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.