



Hub Bound Travel Data

2022

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL



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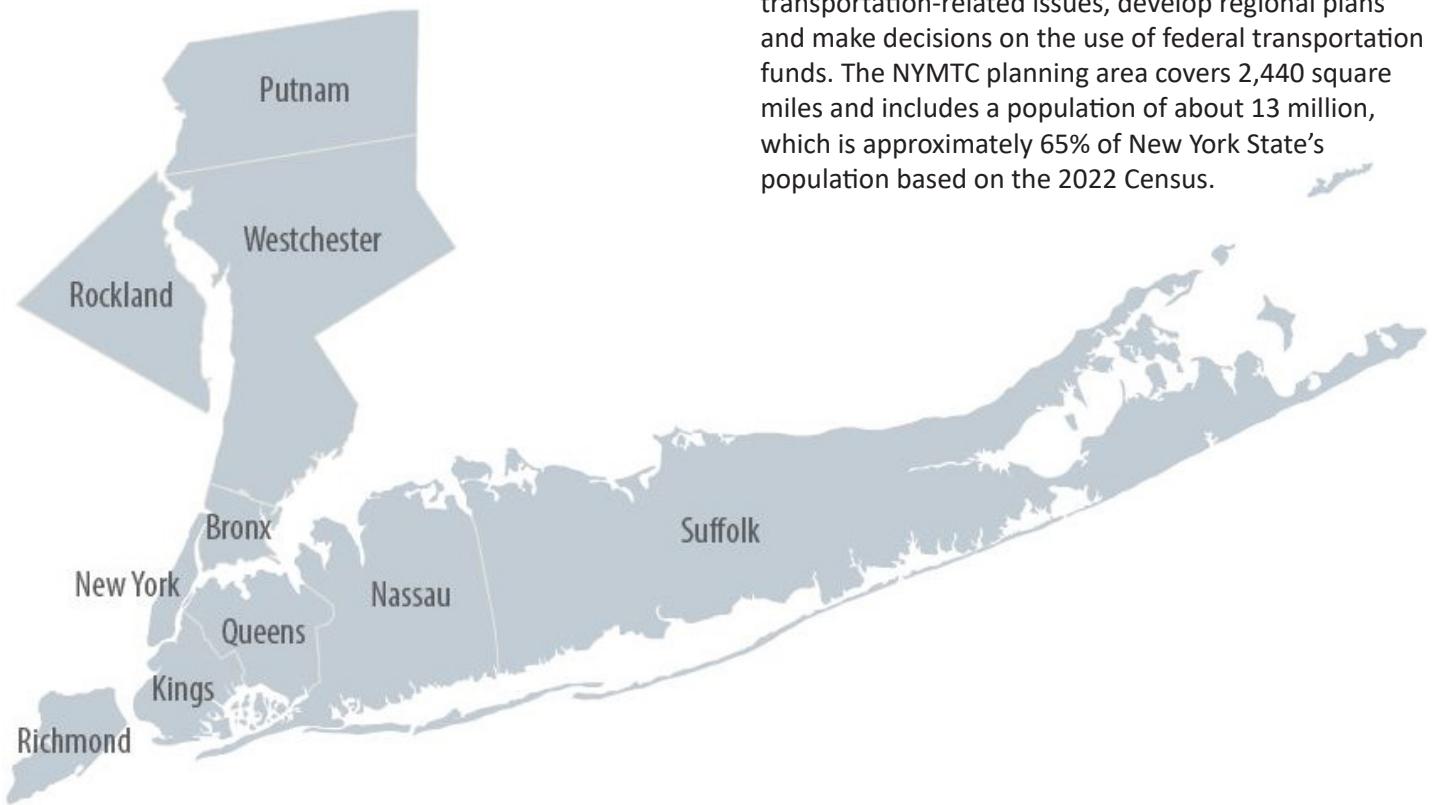
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MANHATTAN CBD CORDON CROSSINGS BY SECTOR

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 (IRT)
First Avenue
York Avenue
FDR Drive

QUEENS SECTOR

63rd Street Tunnel (IND)
60th Street Tunnel (BMT/IND)
E Koch Queensboro Br. - Tramway
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)

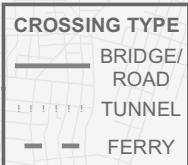
C B D

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



For IRT, BMT, and IND see the notes on page iii

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: lines 1, 2, 3, 4, 5, 6, 7) 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). It was merged with these two networks in 1940.

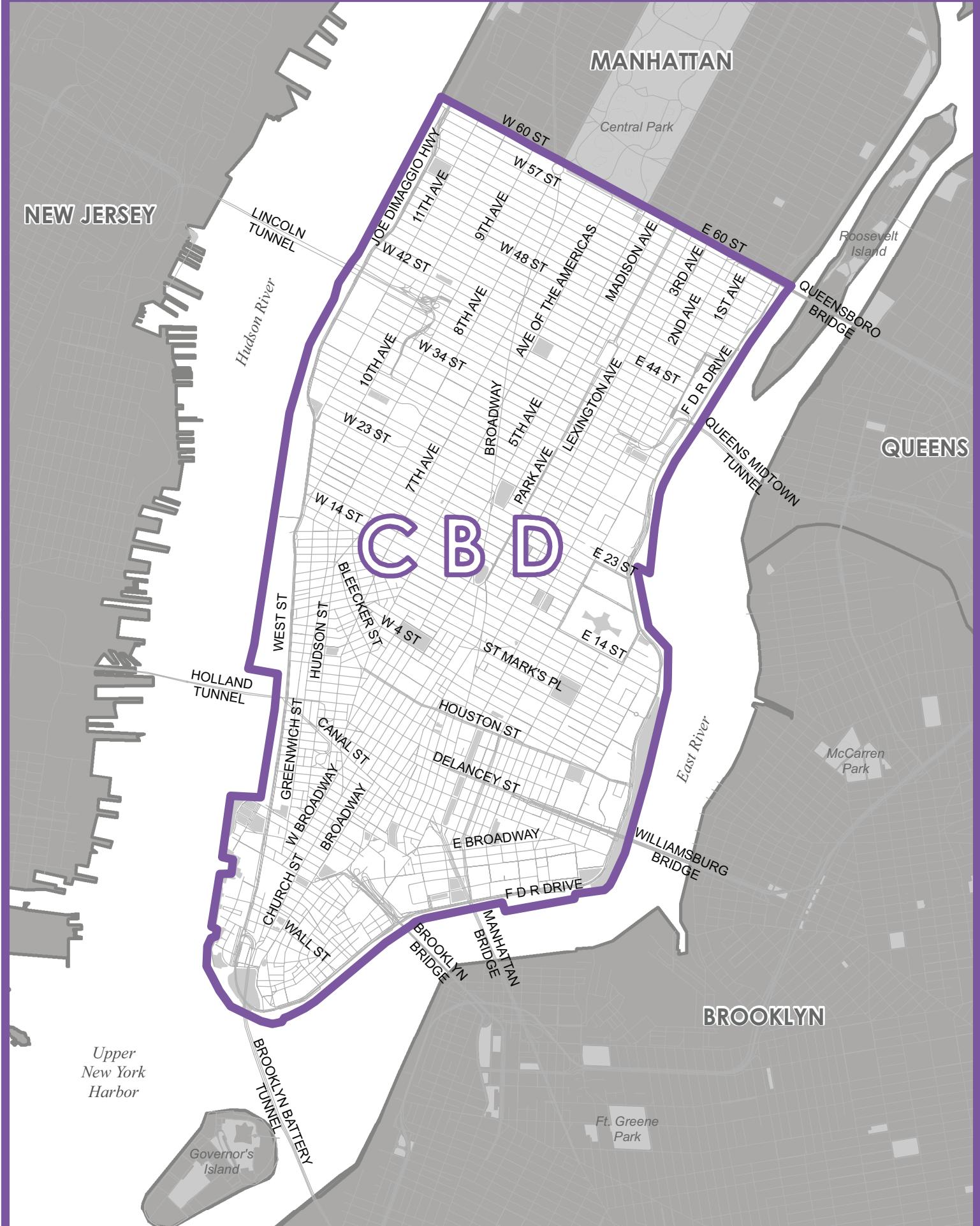
BMT

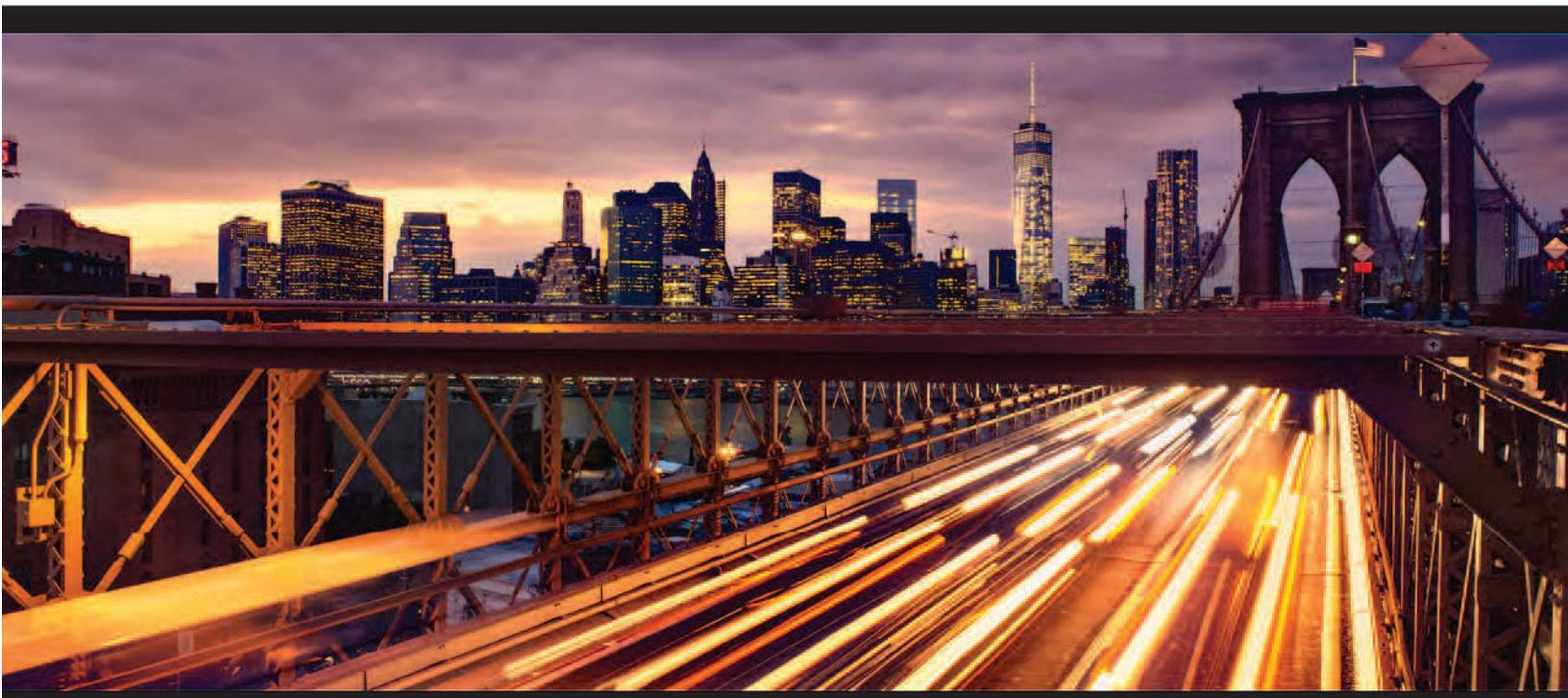
The **Brooklyn–Manhattan Transit Corporation (BMT)** was an urban transit holding company, based in Brooklyn, New York City, United States, and incorporated in 1923. The system was sold to the city in 1940. Today, together with the IND subway system, it forms the B Division (the lettered routes: lines A, B, C, D, E, F, G, J, L, M, N, Q, R, S, W, Z) 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 2022 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, e.g. 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. We report a typical fall business day rather than a typical spring business day (as fall and spring days are considered to be representative of average travel behavior) in order to maintain consistency with historical data. For this analysis, most of the data were collected on a business day in October (specifically on 19, 2022). Vehicle and person travels are shown for all public and private transportation modes. **The sectors in the tables (60th Street, Queens, Brooklyn, Staten Island and New Jersey) represent entry and exit points for people and vehicles, not actual trip origins or destinations.**

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 2022 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.

Thank you To:

AMTRAK- National Railroad Passenger Corporation

MTA- Metropolitan Transportation Authority

NJ Transit- New Jersey Transit Corporation

NYCDOT- New York City Department of Transportation

PANY&NJ- Port Authority of New York & New Jersey

RIOC- Roosevelt Island Operating Corporation

WCDOT- Westchester County Department of Transportation

QUICK REFERENCE DATA
PERSONS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY
BY MODE AND SECTOR, IN 2022

SECTOR / MODE	Entering	Leaving	Total
60TH STREET			
SUBWAY	527,095	518,450	1,045,545
AUTOS, TAXIS, VANS AND TRUCKS	357,701	321,966	679,667
BUS	28,207	27,651	55,858
SUBURBAN AND INTERCITY RAIL	72,551	71,333	143,884
FERRY	885	1,026	1,911
BICYCLE	25,641	25,707	51,348
TOTAL 60TH STREET SECTOR - ALL MODES	1,012,080	966,133	1,978,213
BROOKLYN			
SUBWAY	526,616	509,021	1,035,637
AUTOS, TAXIS, VANS AND TRUCKS	203,935	220,498	424,433
BUS	16,391	15,787	32,178
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	1,576	1,724	3,300
BICYCLE	9,458	9,760	19,218
TOTAL BROOKLYN SECTOR - ALL MODES	757,976	756,790	1,514,766
QUEENS (and TRAMWAY)			
SUBWAY	319,993	312,240	632,233
AUTOS, TAXIS, VANS AND TRUCKS	120,608	148,323	268,931
BUS	8,650	7,709	16,359
SUBURBAN AND INTERCITY RAIL	103,158	101,668	204,826
FERRY	3,061	3,592	6,653
BICYCLE	3,983	3,639	7,622
TRAMWAY	2,608	2,922	5,530
TOTAL QUEENS SECTOR - ALL MODES	562,061	580,093	1,142,154
NEW JERSEY			
SUBWAY/PATH	81,807	78,310	160,117
AUTOS, TAXIS, VANS AND TRUCKS	119,498	118,220	237,718
BUS	148,627	125,422	274,049
SUBURBAN AND INTERCITY RAIL	59,213	61,493	120,706
FERRY	12,839	11,937	24,776
BICYCLE	-	-	-
TOTAL NEW JERSEY SECTOR - ALL MODES	421,984	395,382	817,366
STATEN ISLAND (via FERRY)			
SUBWAY	-	-	-
AUTOS, TAXIS, VANS AND TRUCKS	-	-	-
BUS	-	-	-
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	21,989	21,924	43,913
BICYCLE	295	300	595
TOTAL STATEN ISLAND (via FERRY)	22,284	22,224	44,508
ALL SECTORS			
SUBWAY	1,455,511	1,418,021	2,873,532
AUTOS, TAXIS, VANS AND TRUCKS	801,742	809,007	1,610,749
BUS	201,875	176,569	378,444
SUBURBAN AND INTERCITY RAIL	234,922	234,494	469,416
FERRY	40,350	40,203	80,553
BICYCLE	39,377	39,406	78,783
TRAMWAY	2,608	2,922	5,530
TOTAL ALL SECTORS - ALL MODES	2,776,385	2,720,622	5,497,007

Note: The 2022 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain. However, there has been continuous and steady increase in travel since 2020.

HIGHLIGHTS

1 On a fall business day in 2022, nearly 2.8 million people entered Manhattan's Central Business District (CBD), a 17% increase (almost 411,000 people) compared to 2021.

2 On the survey day, 5.5 million people gathered in Manhattan's Central Business District (CBD), both entering and exiting throughout the day. This represents a 16% increase, or 776,000 additional individuals, compared to the previous year.

3 Almost 33% of people entering Manhattan's Central Business District (CBD) on the survey day did so during the morning peak period of 7:00 AM to 10:00 AM (Table 3).

4 Public transportation saw notable ridership. About 3.8 million people entered and exited Manhattan's CBD via buses, trains, subways, and ferries on the survey day. This represents a 24% surge compared to 2021, with roughly 730,000 more individuals opting for public transit (Table 5).

5 Approximately 36,300 (or 2%) more people entered and exited the Hub via autos, taxis, vans, and trucks compared to 2021, bringing the total travel for this mode to roughly 1.6 million (Table 10).

6 On 2022 survey day, 82% of express bus riders crossed the Hudson River through the Lincoln and Holland tunnels. About 19% of express bus passengers reached the CBD from other entry points (Table 9).

7 Nearly half (42%) of all private vehicles entering and leaving Manhattan's Central Business District (CBD) in 2022 used the 60th Street Sector (encompassing avenues east and west of Central Park). The remaining traffic came from other sectors: Brooklyn (27%), Queens (16%), and New Jersey (15%) (Table 11).

8 Approximately 36% 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 54% traveled by subway. Overall, the morning reverse travel increased by about 6% (Table 12).

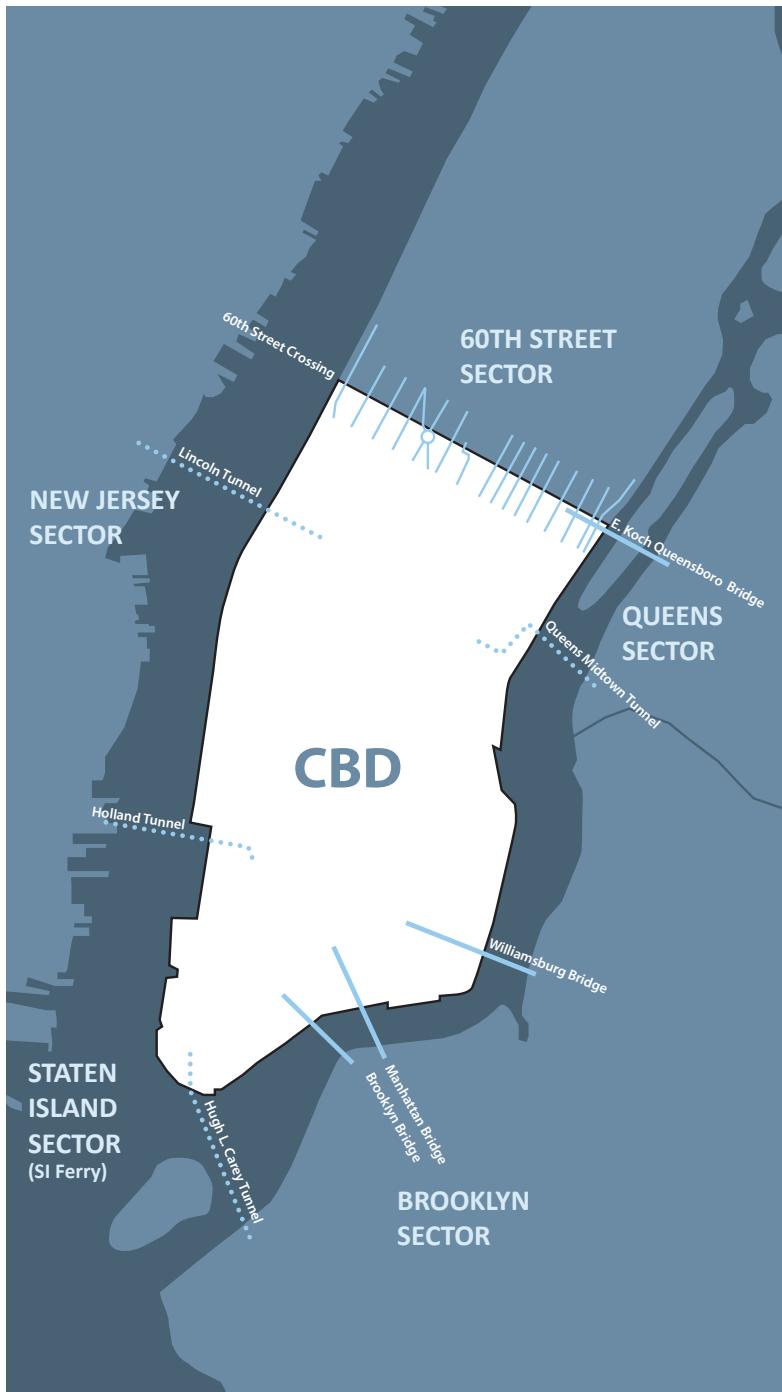
9 **Mornings:** Manhattan's CBD witnessed the highest influx in the 8:00 AM to 9:00 AM hour in 2022, with nearly 385,500 people entering. The subway played a primary role, transporting 62% of these commuters. Private motor vehicles and suburban rail followed with usage of 13% and 14%, respectively (Table 24).

Evenings: The evening rush mirrored morning activity, with the 5:00 PM to 6:00 PM hour recording the highest outbound traffic with roughly 334,000 people leaving the CBD. Again, the subway took the lead, carrying 58% of these travelers. Private motor vehicles and regional rail each carried 15% of the travelers, a slightly larger share than in the mornings (Table 25).

10 MTA New York City Transit subways carried a notable 86% of all rail passengers entering and leaving the CBD. About 37% of this subway ridership occurred during the morning (7:00 AM – 10:00 AM) and evening (4:00 PM – 7:00 PM) peak periods, leaving the remaining 63% for off-peak travel (Tables on page III-17 and III-18). Prior to the pandemic, peak periods carried about half of the subway riders.

11 On a typical fall business day in 2022, ferries transported nearly 80,600 commuters into and out of Manhattan. Staten Island Ferry led the pack, ferrying 55% of these passengers, followed by New Jersey ferries at 31%. The remaining 15% sailed in from Brooklyn, Queens, and 60th Street sectors. Meanwhile, the Roosevelt Island Tramway transported roughly 5,500 commuters in both directions, which is an 18% increase from the previous year (Table on page III-43).

12 In a typical fall business day in 2022, some 1.4% (or nearly 78,800) of the people entering and leaving the hub chose bicycles. This marks an increase of 10,300 (or 15%) cyclists since 2021. Notably, 65% of these cycling commuters hailed from north of 60th Street, while the remaining 35% entered from Brooklyn (24%), Queens (10%), and Staten Island (1%) (Table on page III-44).



THE HUB OF THE REGION

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

- The most traveled routes in the region are those to and from the Hub.
- More than 2.2 million people were employed in the CBD in 2022.
- 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 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 2022, among Manhattan's CBD entrants, nearly 37% entered from north of 60th Street. Brooklyn, Queens, and New Jersey followed close behind, contributing approximately 27%, 20%, and 15% of total entries, respectively. Ferries also played a role, with roughly 22,300 passengers arriving using the Staten Island Ferry, representing almost 1% of all CBD entries.

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.

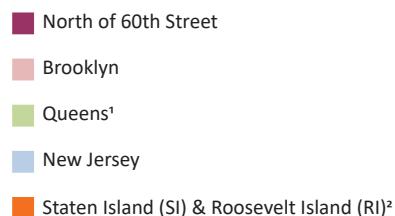
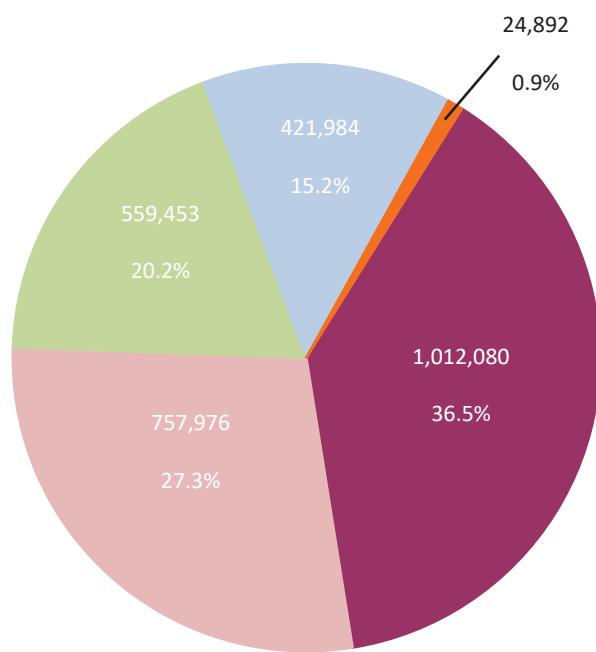


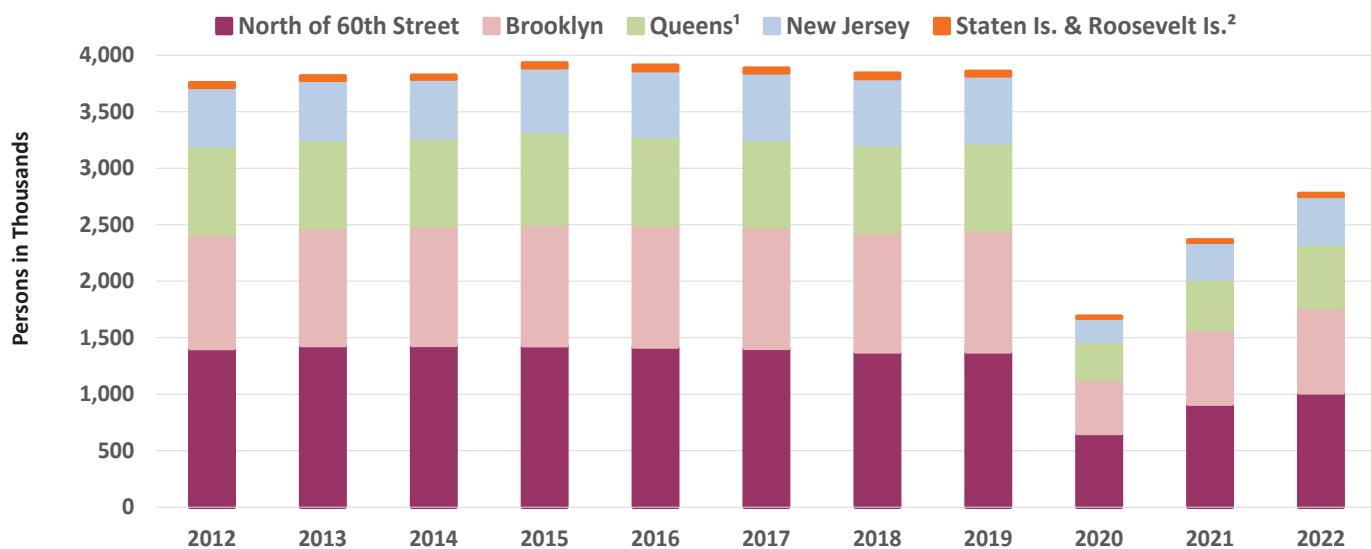
FIGURE 1
**TOTAL NUMBER OF PEOPLE
ENTERING THE HUB
ON A FALL BUSINESS DAY
BY SECTOR, IN 2022**



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.

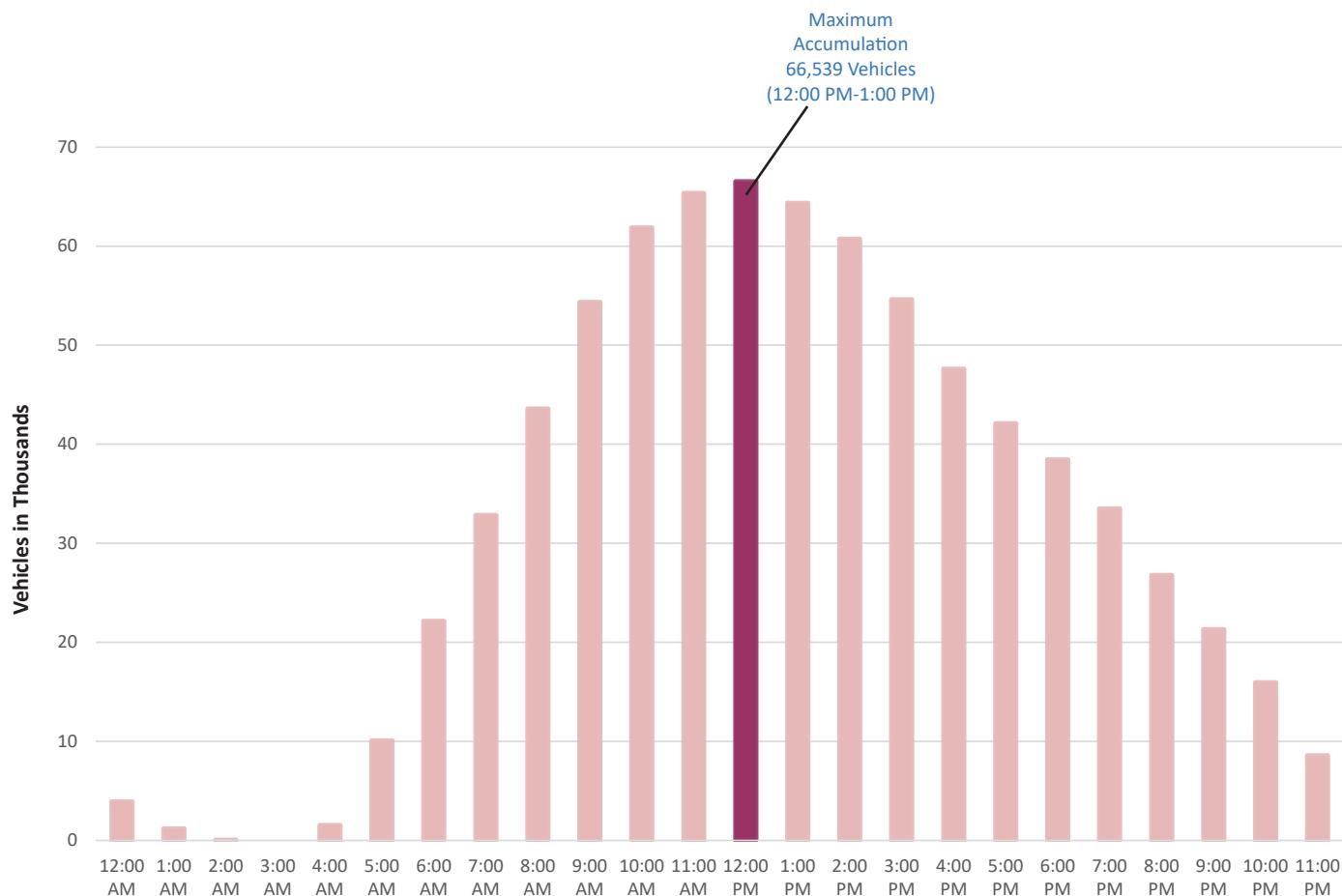
2. Includes only Staten Island Ferry and Roosevelt Island Tramway passengers.

In 2022, the peak occupant count in the hub surged by nearly 39% (or about 238,000 people) compared to 2021, reaching over 848,000 across all travel modes (Table 21B, Appendix II). This represents a staggering 121% (or 464,000) increase from 2020. This report also tracks the time at which this maximum accumulation occurs. As usual, the 2022 Hub saw its highest concentration of people in the early afternoon.

The number of people traveling via public transportation in 2022 increased by about 30% during the morning peak period (7:00 AM to 10:00 AM) and about 26% during the evening peak period (4:00 PM to 7:00 PM), since 2021 (Table 22A, Appendix II).

Traffic in the Hub peaked at over 66,500 vehicles, a 15% (or nearly 9,000 vehicles) increase from 2021. However, it remained 6% (or 4,000 vehicles) below the peak vehicle count in 2020, at the height of the pandemic. As in 2021, the peak congestion occurred between noon and 1:00 PM (Figure 3 and Table 23B, Appendix II).

FIGURE 3
HOURLY ACCUMULATION OF VEHICLES
ON A FALL BUSINESS DAY
BY SECTOR, IN 2022



CHANGES IN HUB-BOUND TRAVEL

On a typical business day in 2022, roughly 2.8 million people entered Manhattan's central business district (CBD), marking a 17% increase (nearly 411,000) compared to 2021's daily entries (Table 1A).

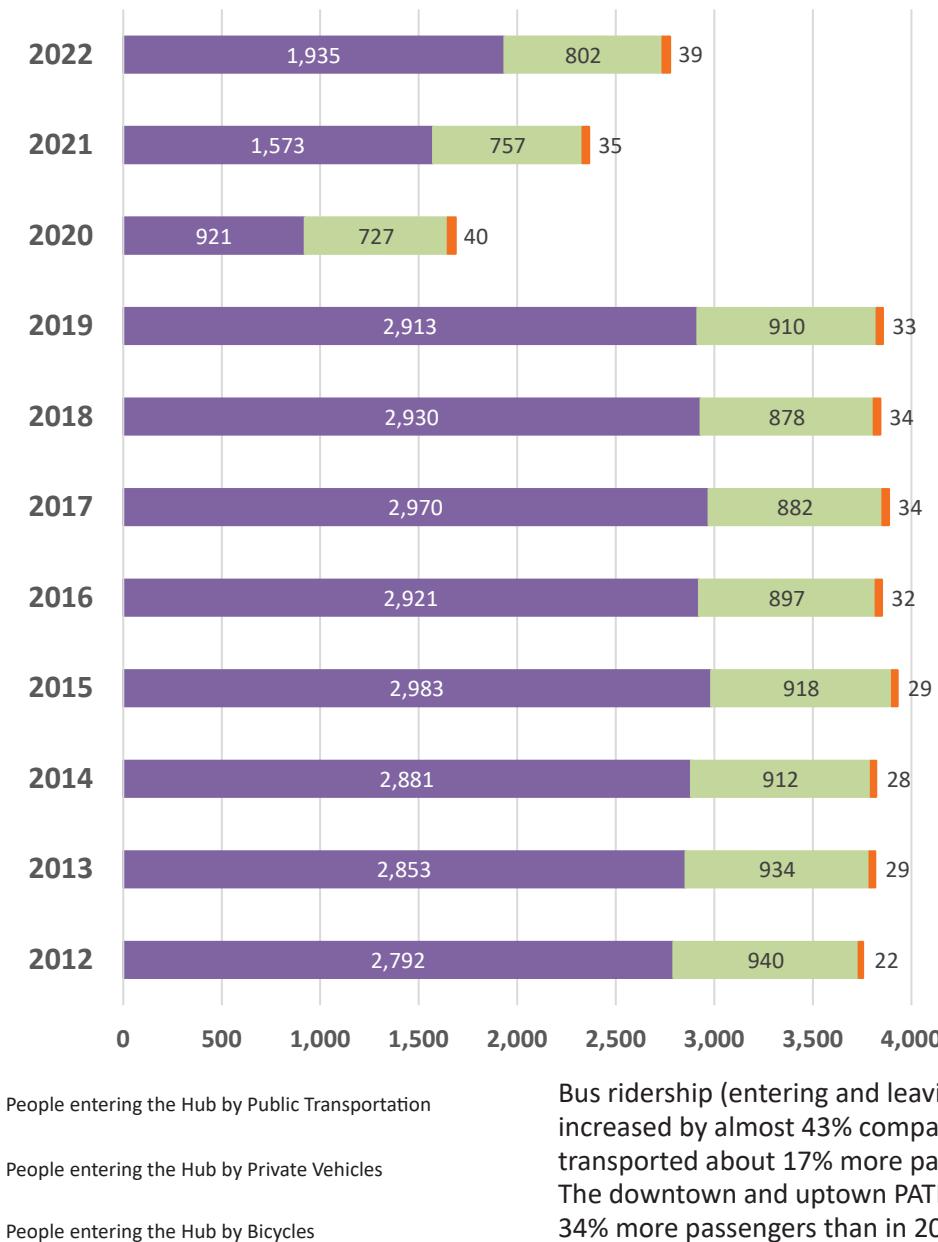
While 2022 saw a promising return to the CBD, it still falls short of the pre-pandemic daily entries of over 3.9 million that was reached in 2015 and sustained until 2019 (Table 1A, Appendix I).

PUBLIC TRANSPORTATION

Public transit remains a lifeline for regional travel. In 2022, trips to the Hub via all public transportation modes jumped 23% compared to 2021. This is a remarkable 111% increase since 2020. However, this ridership remains 34% below 2019 levels (Figure 4 and Table 22A, Appendix II).

FIGURE 4

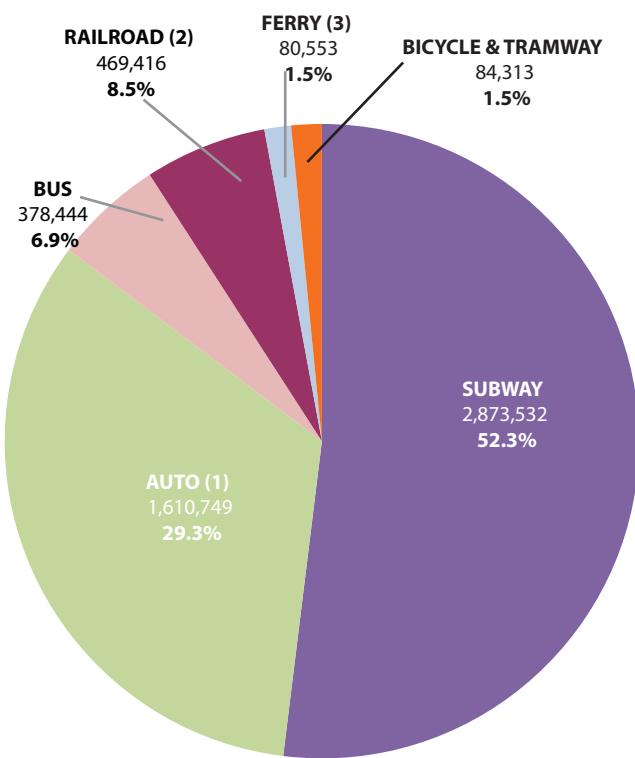
TOTAL NUMBER OF PEOPLE ENTERING THE HUB ON A FALL BUSINESS DAY IN THOUSANDS



Bus ridership (entering and leaving the Hub) in 2022 increased by almost 43% compared to 2021. The subway transported about 17% more passengers than in 2021. The downtown and uptown PATH lines carried about 34% more passengers than in 2021 (Table 5). Suburban and intercity rail services carried a total of nearly 60% or almost 175,600 more passengers than a year ago at the same time.

In 2022, subway passengers made up approximately 52% of all Hub travelers, followed by railroad (9%) and bus (7%) passengers. Bicycles, trams, and ferries transported 3% additional riders (Figure 5).

FIGURE 5
**TOTAL NUMBER OF PEOPLE
 ENTERING and LEAVING THE HUB
 ON A FALL BUSINESS DAY**
 BY MODE, IN 2022



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

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

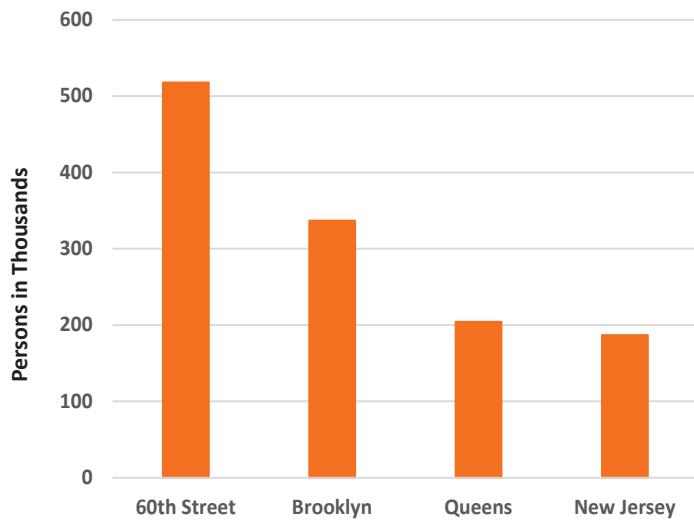
(3) Excludes Bicyclists on SI Ferry

PRIVATE TRANSPORTATION

In 2022, the share of passengers who used private auto transportation to enter the CBD was about 29%, down from 32% in 2021. However, there was an increase in the total number of incoming automotive passengers by roughly 6%, or about 44,600 travelers compared to 2021. On a typical business day in 2022, the total number of people entering and leaving the Hub by private motor vehicles increased by 2%, or around 36,300 persons, compared to 2021. The largest part of this increase (25,000) came from vehicles crossing to and from Queens Sector, which accounted for more than 10% of the rise in auto travel. Brooklyn saw an increase of 1.2%, followed by New Jersey at 1.8%, and the 60th Street Sector at 0.3% (Table 10, Appendix I and Figure 6).

Around 78,800 daily bicycle trips to and from the CBD were recorded in 2022, a 15% increase from 2021 (Table on page III-44).

FIGURE 6
**TOTAL PRIVATE MOTOR VEHICLES*
 ENTERING and LEAVING THE HUB
 ON A FALL BUSINESS DAY**
 BY SECTOR, IN 2022



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

Trips via ferries (both publicly and privately operated) increased by close to 26% in 2022 compared with 2021. Daily ridership on the Roosevelt Island Tramway increased by almost 18%, or by about 843 persons (Table 5). More than 90% of all bus passengers entering the Hub in 2022 used express buses. Among express bus riders, nearly 82% commuted from New Jersey (Table 9, Appendix I).

MODE OF TRAVEL

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

- Subway
- Bus
- Suburban Rail
- Intercity Rail
- Ferry
- Tramway
- Private 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. Local buses charge a single fare while express buses charge a distance-based fare.

Suburban rail service is provided by MTA Metro North Railroad, MTA Long Island Rail Road, and 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 (all but one are private operators):

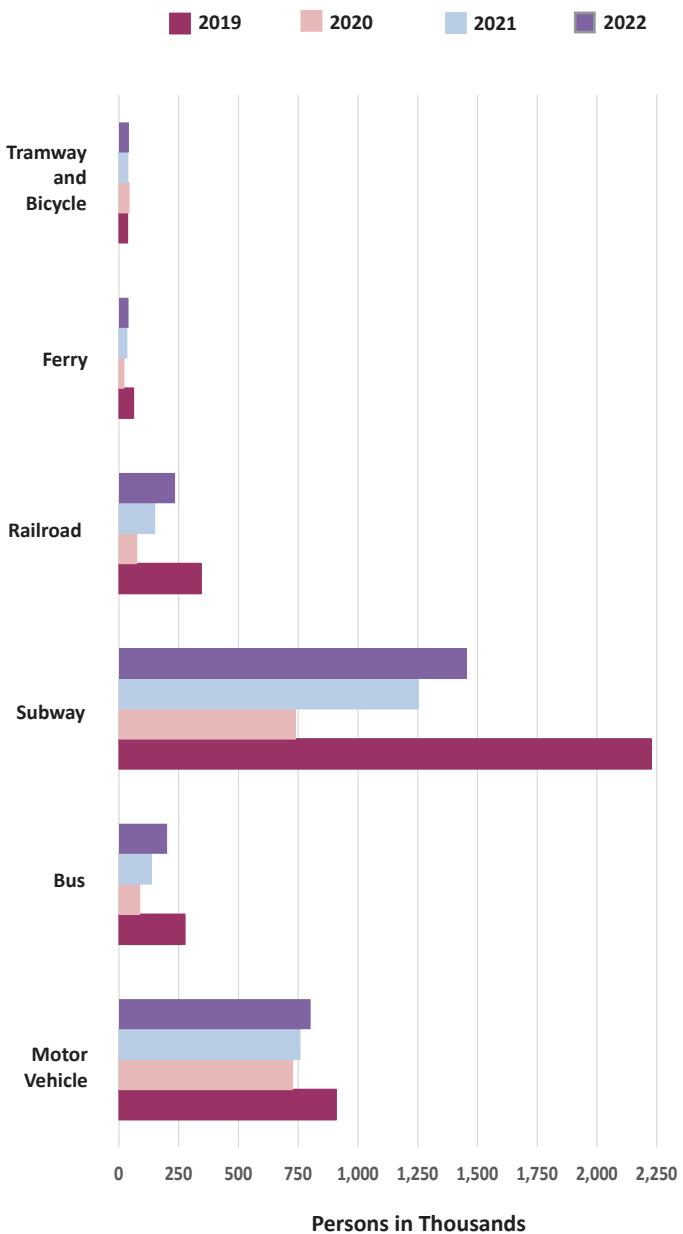
- Staten Island Ferry (public ferry)
- NY Waterway
- NYC Ferry by Hornblower
- NY Water Taxi and Circle Line Downtown
- Liberty Landing Ferry
- Seastreak Ferry

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, 2021 and 2022



A. Subway

The subway system continued to be the most popular mode of public transportation in 2022, transporting nearly 2.9 million passengers (52% of the travelers). The number of commuters increased by about 17% since 2021, with a daily average of approximately 1.5 million passengers coming into the Hub. In 2022, the subway system transported about 400 thousand more passengers to and from the Hub compared with 2021 (Figure 7 and Table 1A, Appendix I).

B. Bus

Bus service into the Hub is provided primarily by the MTA through its two sub-agencies: New York City Transit (NYCT) and MTA Bus Company. NYCT operates nearly all local bus routes within and through the Hub, as well as numerous express routes connecting it to the outer boroughs. The MTA Bus Company also provides service on express bus routes in and out of the Hub.

This report organizes bus ridership based on the point of entry into the Hub, rather than by originating location. In 2022, buses brought roughly 201,900 passengers daily into the Hub. Nearly 74% (or around 148,600) of these were New Jersey bus riders using express routes. In general, most individual CBD sectors have significantly higher proportions of passengers using express buses compared to local buses.

This is particularly true for New Jersey, where 100% of the bus riders entering the Hub use express buses. Similarly, from the Brooklyn Sector nearly 99% and from Queens Sector more than 81% of bus commuters are express bus passengers. Conversely, only about 38% of all bus passengers entering the Hub via the 60th Street Sector are express bus commuters, with the remaining 62% of this sector's bus riders using local buses to enter Manhattan's CBD (Figure 13, page 19 and Table 18, Appendix II).

C. Suburban and Intercity Rail

Commuter and intercity rail trains brought about 234,900 passengers into the CBD on the survey date, a total of more than 12% of all public transit passengers. This represents more than 8.5% of all daily travelers entering the Hub. From 2021 to 2022, this mode saw a notable increase in ridership of almost 60%, or more than 175,600 passengers. It was the third most prevalent mode of entry into the Hub after the subway and private motor vehicles (Table 14 C, Appendix II).

FIGURE 8
**TOTAL NUMBER OF PEOPLE
ENTERING THE HUB
BY MODE, BY HOUR, IN 2022**

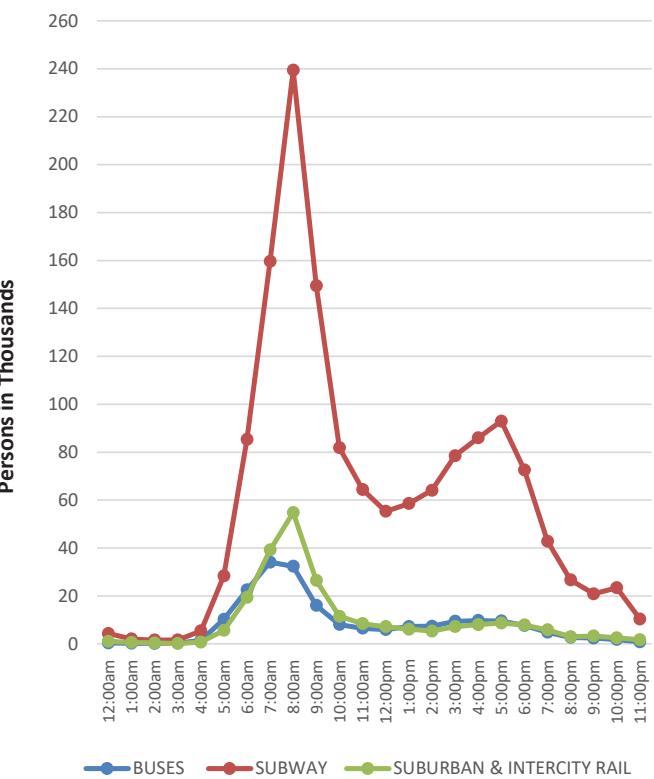
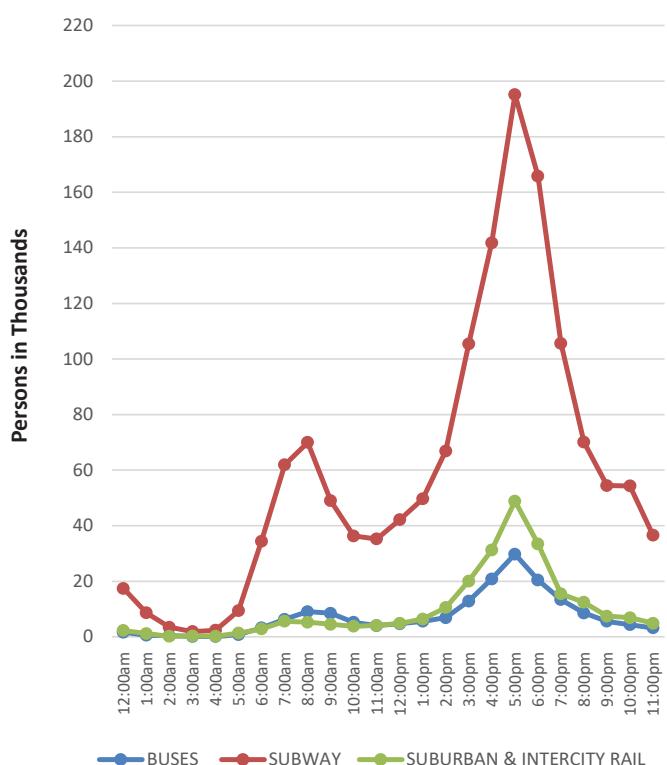


FIGURE 9
**TOTAL NUMBER OF PEOPLE
LEAVING THE HUB
BY MODE, BY HOUR, IN 2022**



D. Ferry and Tramway

Ferry travel to the Hub from the Staten Island Sector reached nearly 22,300 inbound passengers in 2022, an increase of about 26% from 2021. The total number of private ferry passengers entering the Hub in 2022 reached 18,900 (an increase of nearly 24%), roughly 3,600 more than in 2021 (Figure 10 and Table on page III-43).

The Roosevelt Island Tramway saw an increase in inbound passengers of more than 300, or 15% compared with 2021 (Figures 11 and Table on page III-43).

FIGURE 10-A
**TOTAL NUMBER OF FERRY PASSENGERS
 ENTERING and LEAVING THE HUB
 ON A FALL BUSINESS DAY
 BY SECTOR, IN 2022**

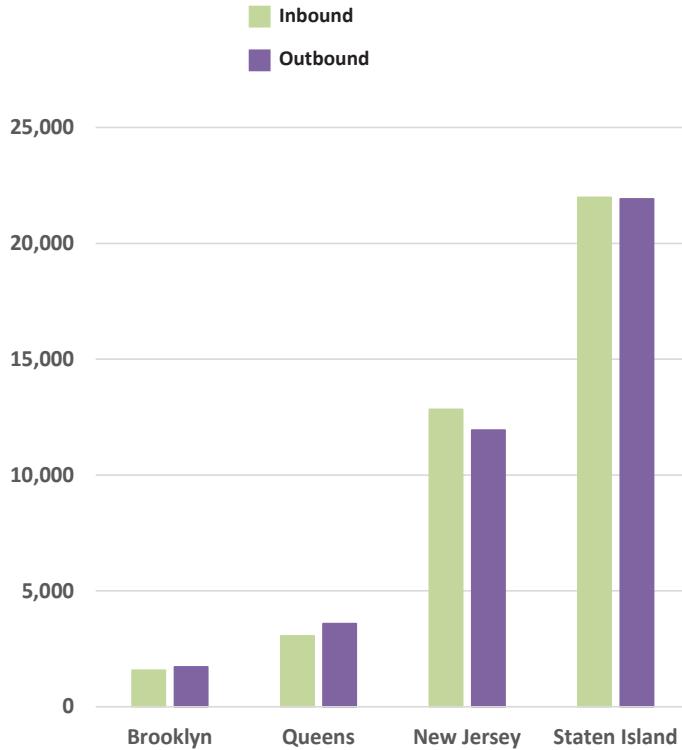


FIGURE 10-B
**TOTAL NUMBER OF FERRY PASSENGERS
 ENTERING THE HUB
 ON A FALL BUSINESS DAY
 2017-2022 (In Thousands)**

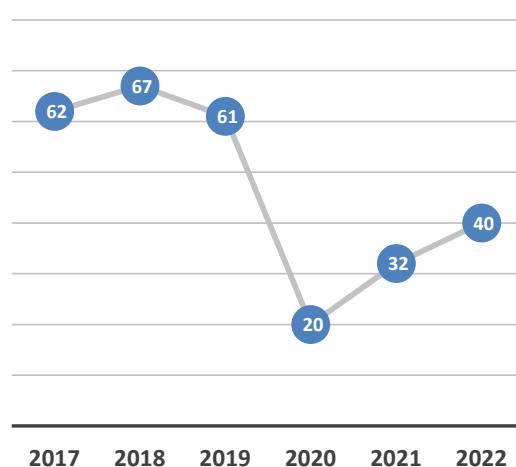
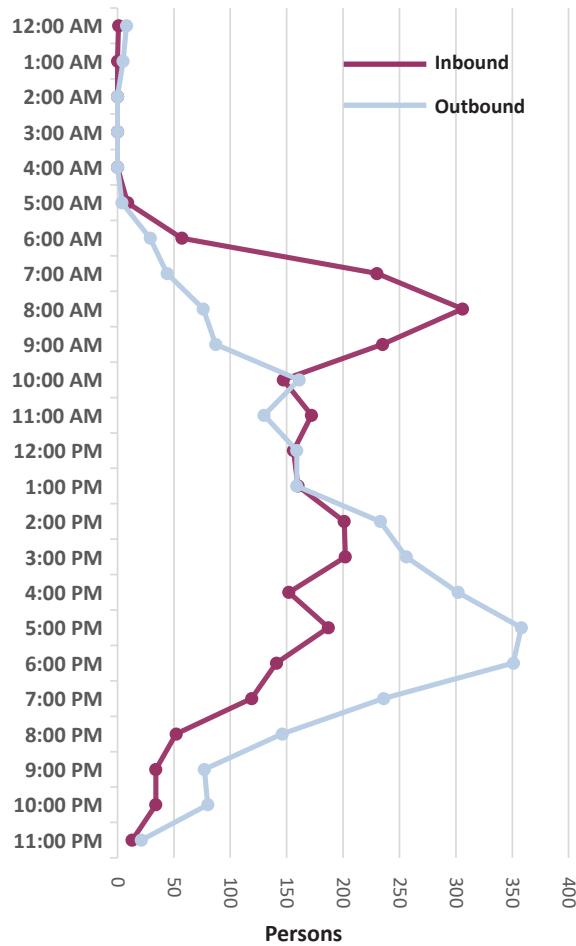


FIGURE 11
**ROOSEVELT ISLAND TRAMWAY COMMUTERS
 ENTERING and LEAVING THE HUB
 ON A FALL BUSINESS DAY, IN 2022
 BY HOUR**

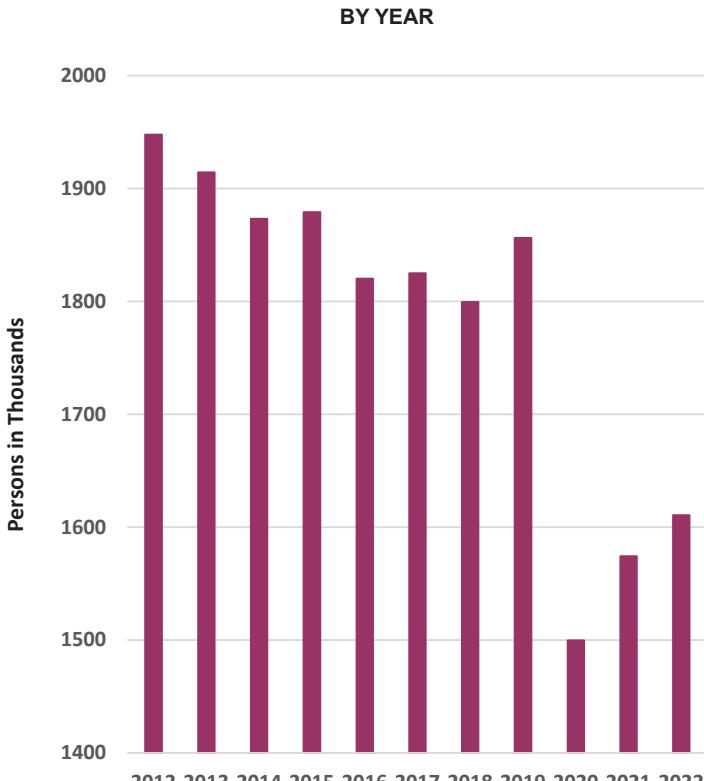


E. Private Motor Vehicles

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 2022, close to 801,700 people entered the Hub using private motor vehicles. This represents an increase of about 6%, or nearly 44,600 more passengers compared with 2021 (Table 14 C, Appendix II).

In particular, private motor vehicle travelers arriving at the Hub from the Brooklyn and Queens sectors, increased by about 8% and 19%, respectively, compared to 2021. Similarly, the 60th Street and New Jersey sectors saw increases of about 3% and 2%, respectively (Table 14C, Appendix II).

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

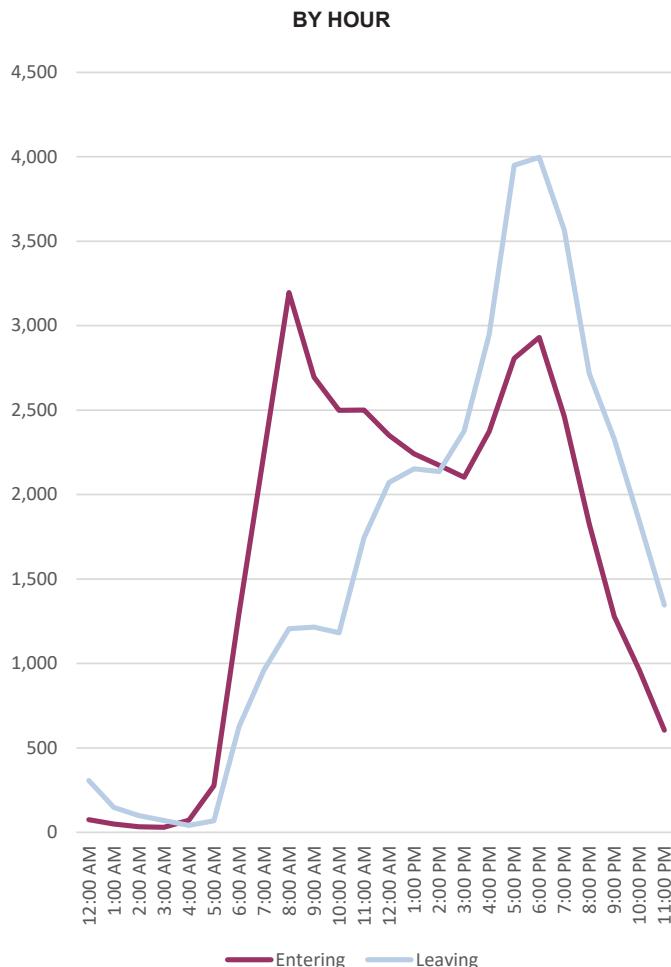


F. Bicycle

NYC Department of Transportation data shows that during a typical fall business day, nearly 39,400 bicyclists entered the Hub, representing an increase of about 12%, or nearly 4,300 more riders, compared to 2021. The 60th Street Sector is the most active entry point, accounting for about 25,600 riders or 65% of all bicyclists entering the Hub in 2022. Nearly 9,500 bicyclists crossed into Manhattan from Brooklyn via the Brooklyn, Manhattan, and Williamsburg bridges, while nearly 4,000 rode from Queens across the Ed Koch Queensboro Bridge (Table on page III-44).

Bicyclists' peaks were recorded at 8 AM (nearly 3,200 entering the Hub) and at 6 PM (almost 4,000 leaving the Hub) (Figure 13).

FIGURE 13
**BICYCLISTS ENTERING and LEAVING
THE HUB ON A FALL BUSINESS DAY
IN 2022**



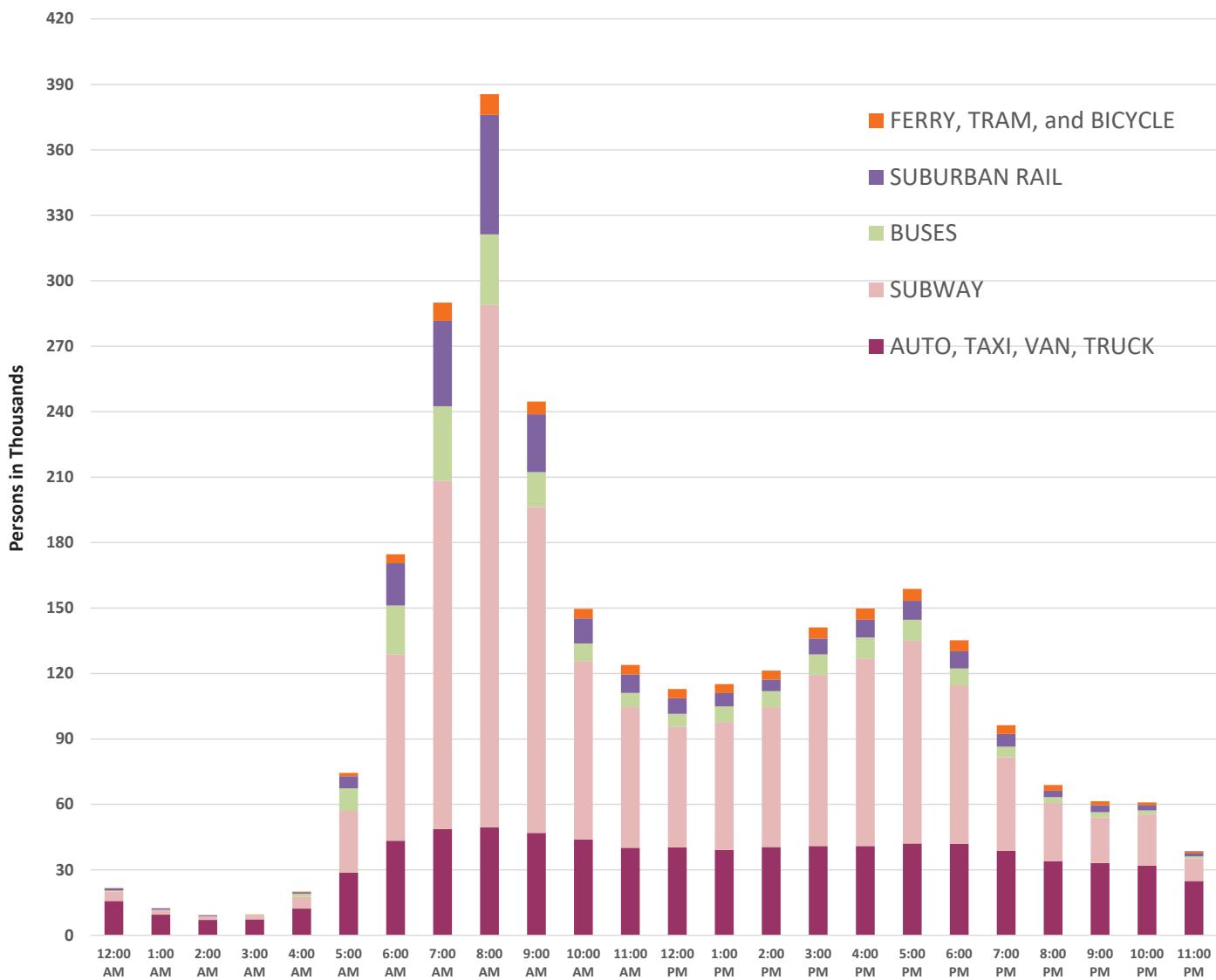
* Includes: Autos, Taxis, Commuter Vans and Trucks

TIME OF ENTRY

In 2022, the total number of people entering the CBD during the morning peak hour of 8:00 AM to 9:00 AM on a typical weekday was about 385,500, an increase of almost 34%, or 97,000 more than in 2021. Furthermore, between 7:00 AM and 10:00 AM, it was about 920,100, which is about 29%, or 205,300 more than in 2021.

In 2022, the total number of people entering the CBD during the morning peak hour (8 AM - 9 AM) and morning peak period (7 AM - 10 AM) represented approximately 14% and 33% of the total daily inbound volume, respectively (Figure 14 and Tables 14A-14B, Appendix II).

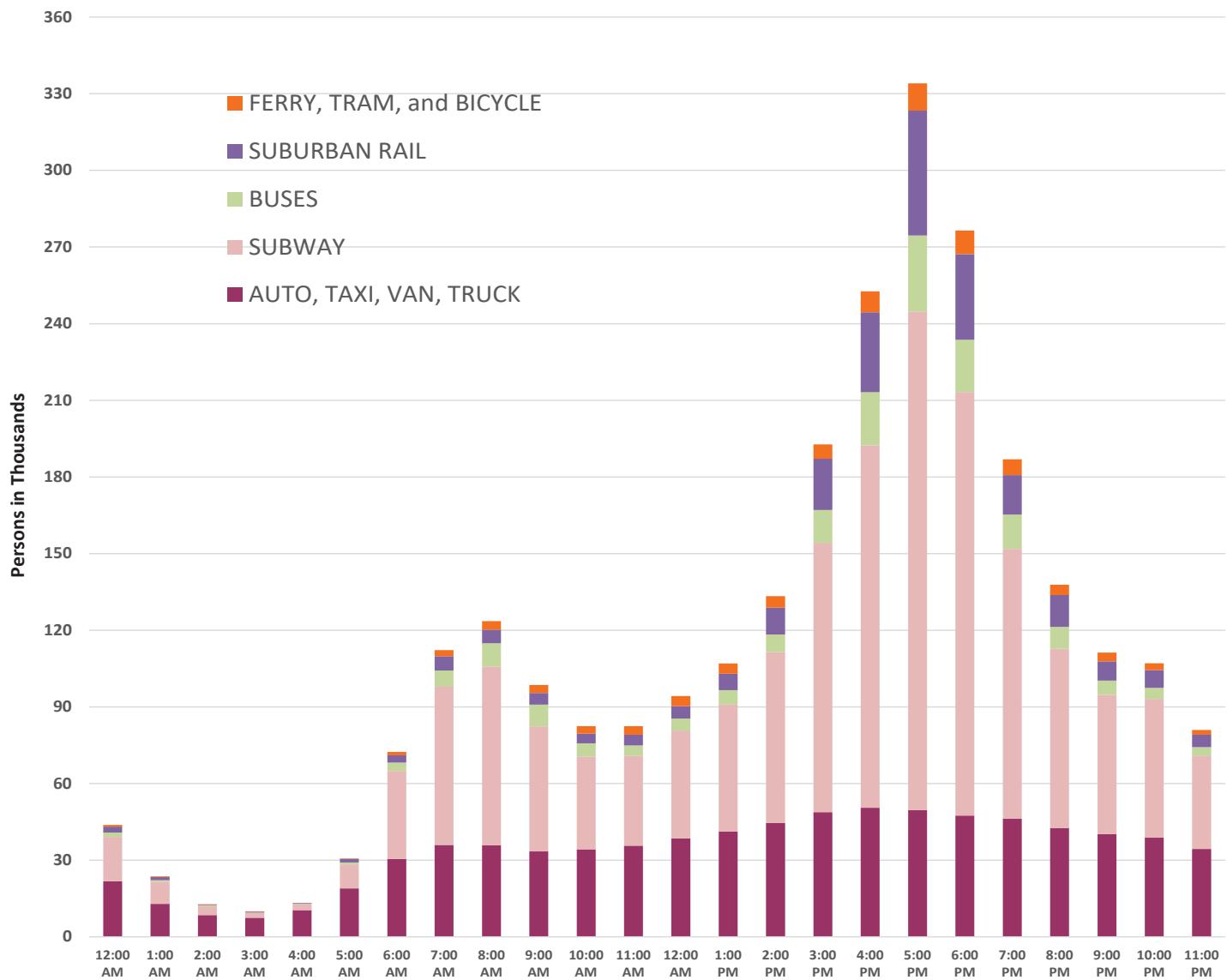
FIGURE 14
TOTAL NUMBER OF PEOPLE ENTERING THE HUB
ON A FALL BUSINESS DAY, IN 2022
BY HOUR, BY MODE



During the peak afternoon hour of 5:00 PM to 6:00 PM on a typical weekday, nearly 334,000 people left the Hub, an increase of almost 30%, or 77,200 more than in 2021. Meanwhile, the broader peak period from 4:00 PM to 7:00 PM saw roughly 863,100 people leaving the Hub by all modes, an increase of roughly 25%, or 173,200 more than in 2021.

The afternoon peak hour and peak period riderships represented 12% and 32%, respectively of the total daily outbound volume (Figure 15 and Tables 15A-15B, Appendix II).

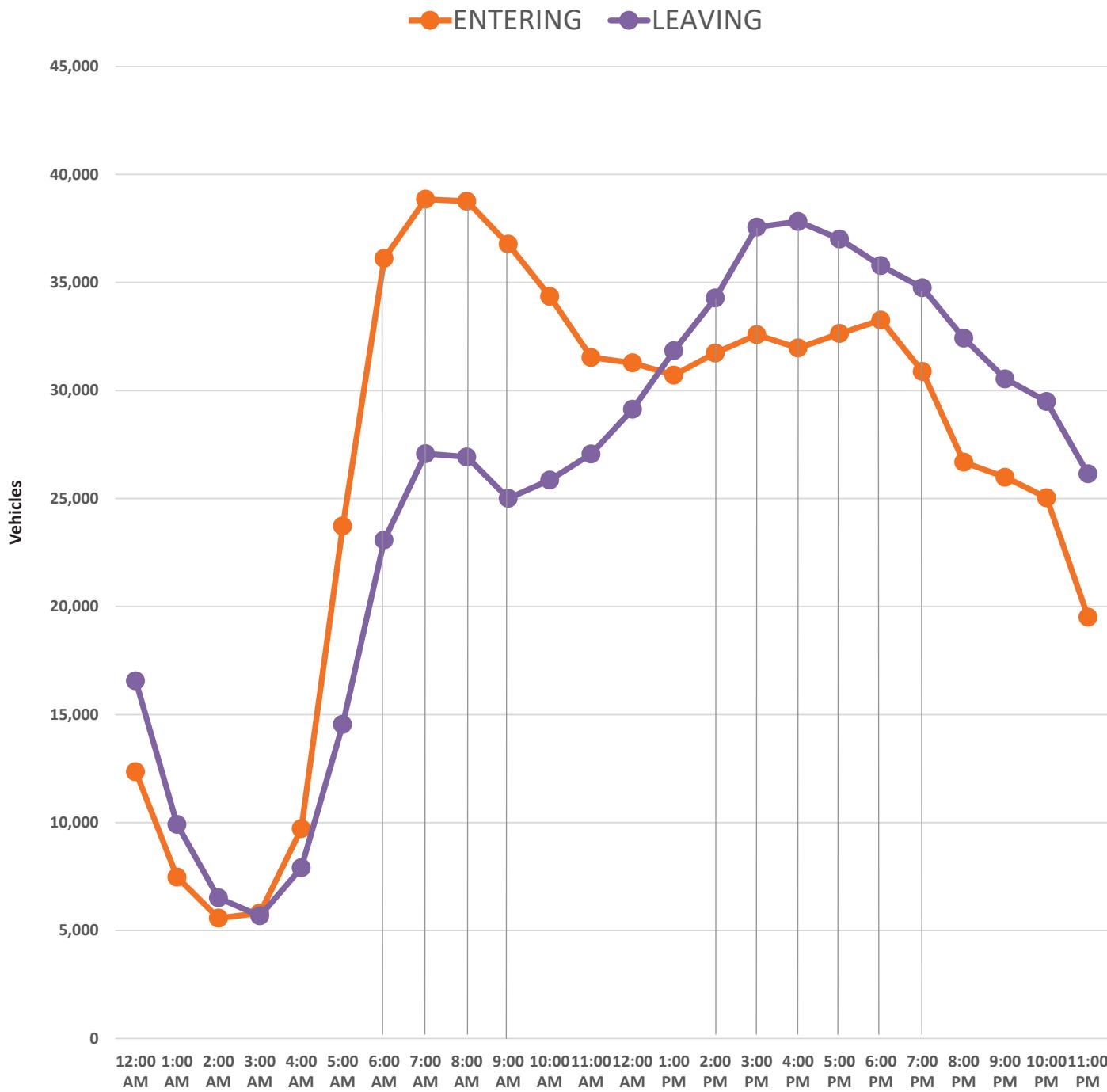
FIGURE 15
TOTAL NUMBER OF PEOPLE LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2022
BY HOUR, BY MODE



Traffic for private motor vehicles traveling to the Hub peaked during 6:00 AM to 9:00 AM while in the afternoon outbound traffic was more spread out between 2:00 PM and 7:00 PM (Figure 16 and Table 23A, Appendix II).

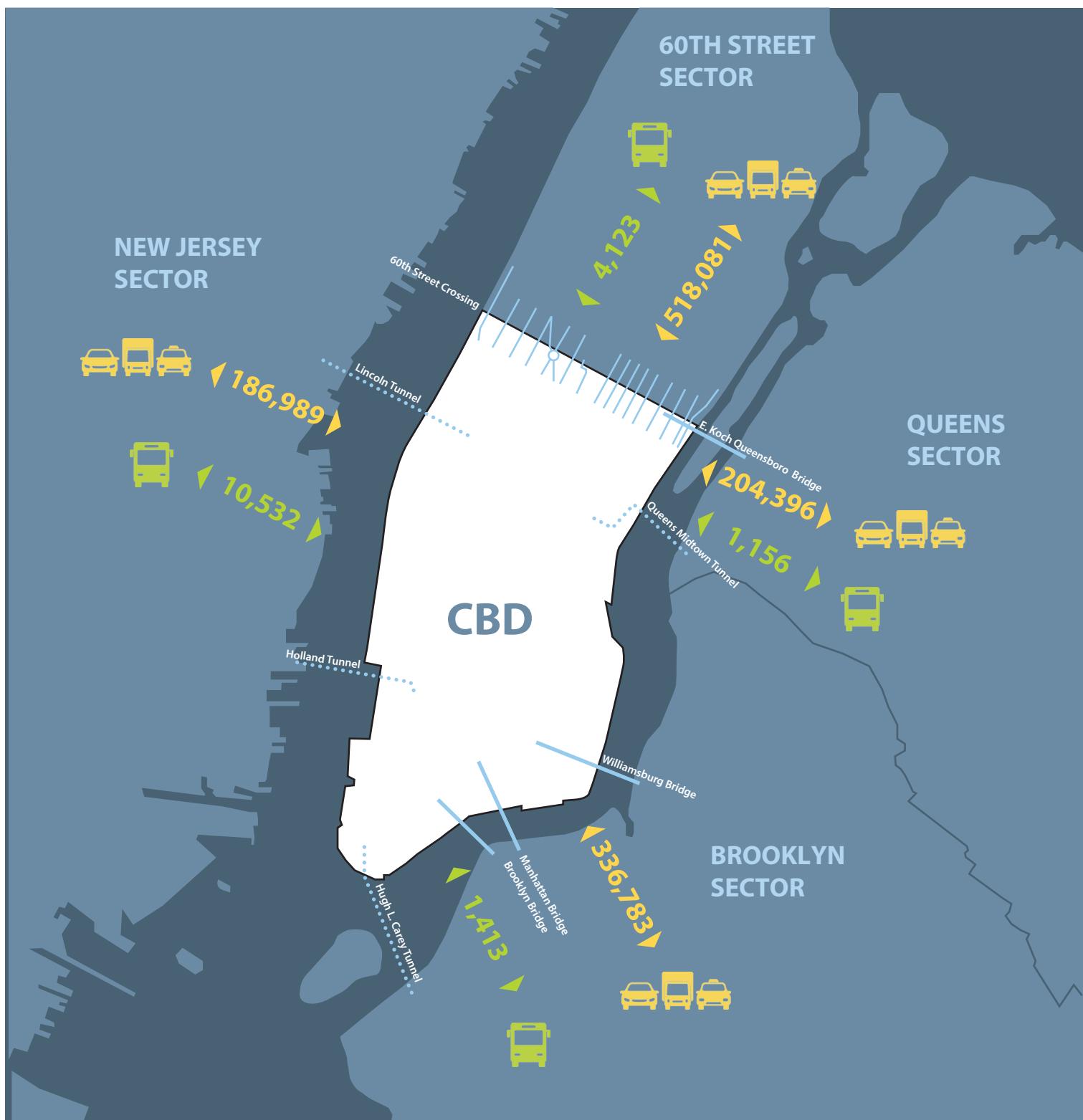
In 2022, roughly 33,300 more private motor vehicles entered and left the Hub on an average weekday compared to the previous year. This translated to an almost 3% increase in inbound and outbound vehicular traffic (Table 23A, Appendix II).

FIGURE 16
**PRIVATE MOTOR VEHICLES* ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2022**
BY HOUR



* Includes: Autos, Taxis, Commuter Vans and Trucks

FIGURE 17
TOTAL BUSES AND PRIVATE MOTOR VEHICLES
ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2022
BY SECTOR



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Appendix I

Time Series Tables - 2022

Note 1: The 2022 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain. However, there has been continuous and steady increase in travel since 2020.

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, 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%	0	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, 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, FOR SELECTED YEARS (in thousands)

	2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
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%	934	24%
BUS	286	8%	280	8%	284	8%	291	8%	284	7%	274	8%	269	7%	263	7%	268	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%	2,223	58%
RAILROAD	274	7%	284	8%	299	8%	305	8%	310	8%	300	8%	300	8%	302	8%	303	8%	310	8%
PASSENGER FERRY	53	1%	52	1%	49	1%	49	1%	53	1%	54	2%	55	1%	50	1%	52	1%	49	1%
TRAM	2	0%	2	0%	3	0%	3	0%	3	0%	3	0%	0	0%	3	0%	3	0%	4	0%
BICYCLE	9	0%	9	0%	12	0%	15	0%	15	0%	21	1%	24	1%	25	1%	22	1%	29	1%
TOTAL	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	-	3,816	
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%	1,432	38%
BROOKLYN	1,012	27%	901	25%	909	25%	986	26%	989	26%	944	26%	981	27%	964	26%	1,011	27%	1,043	27%
QUEENS	752	20%	735	21%	742	21%	779	21%	778	20%	737	20%	748	20%	757	21%	780	21%	780	20%
NEW JERSEY	499	14%	493	14%	515	14%	536	14%	528	14%	515	14%	537	15%	518	14%	521	14%	524	14%
STATEN ISLAND	32	1%	33	1%	30	1%	30	1%	35	1%	36	1%	37	1%	30	1%	36	1%	34	1%
ROOSEVELT ISLAND	2	0%	2	0%	3	0%	3	0%	3	0%	-	-	-	-	3	0%	3	0%	4	0%
TOTAL	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	-	3,816	
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%	329	45%
BROOKLYN	195	24%	187	23%	186	23%	192	25%	176	24%	182	24%	186	24%	174	23%	178	24%	184	25%
QUEENS	133	16%	133	17%	141	18%	136	17%	131	18%	137	18%	134	17%	138	18%	140	19%	132	18%
NEW JERSEY	102	13%	101	13%	103	13%	102	13%	94	13%	87	12%	98	13%	89	12%	90	12%	90	12%
TOTAL	815	-	798	-	794	-	783	-	739	-	750	-	767	-	748	-	740	-	736	

Note: Percentages may not total to 100 due to rounding.

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

	2014		2015		2016		2017		2018		2019		2020		2021		2022	
PERSONS BY MODE																		
AUTO, TAXI, VAN & TRUCK	913	24%	918	23%	897	23%	882	23%	878	23%	910	24%	727	43%	757	32%	802	29%
BUS	263	7%	279	7%	279	7%	282	7%	280	7%	276	7%	87	5%	136	6%	202	7%
SUBWAY	2,252	59%	2,318	59%	2,299	59%	2,287	59%	2,242	58%	2,228	58%	738	44%	1,253	53%	1,456	52%
RAILROAD	318	8%	328	8%	339	9%	336	9%	338	9%	344	9%	75	4%	149	6%	235	8%
PASSENGER FERRY	44	1%	54	1%	60	2%	62	2%	67	2%	61	2%	20	1%	33	1%	40	1%
TRAM	3	0%	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%	2	0%	3	0%
BICYCLE	28	1%	29	1%	32	1%	34	1%	34	1%	33	1%	40	2%	35	1%	39	1%
TOTAL	3,821		3,931		3,910		3,886		3,842		3,856		1,688		2,365		2,776	
PERSONS BY SECTOR																		
NORTH OF 60TH STREET	1,433	37%	1,430	36%	1,419	36%	1,407	36%	1,375	36%	1,375	36%	654	39%	913	39%	1,012	36%
BROOKLYN	1,059	28%	1,075	27%	1,080	28%	1,073	28%	1,054	27%	1,076	28%	481	28%	664	28%	758	27%
QUEENS	777	20%	817	21%	785	20%	775	20%	779	20%	777	20%	335	20%	443	19%	559	20%
NEW JERSEY	521	14%	568	14%	581	15%	591	15%	587	15%	590	15%	204	12%	325	14%	422	15%
STATEN ISLAND	29	1%	37	1%	41	1%	37	1%	42	1%	35	1%	13	1%	18	1%	22	1%
ROOSEVELT ISLAND	3	0%	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%	2	0%	3	0%
TOTAL	3,821		3,931		3,910		3,886		3,842		3,856		1,688		2,365		2,776	
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
NORTH OF 60TH STREET	323	45%	318	44%	314	44%	301	43%	301	43%	291	40%	240	41%	267	45%	273	43%
BROOKLYN	179	25%	176	24%	180	25%	185	26%	182	26%	216	30%	166	29%	160	27%	172	27%
QUEENS	130	18%	139	19%	126	18%	123	18%	127	18%	131	18%	99	17%	79	13%	95	15%
NEW JERSEY	87	12%	91	13%	88	12%	89	13%	89	13%	89	12%	74	13%	91	15%	93	15%
TOTAL	719		724		709		698		699		728		580		597		633	

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

- Percentages may not total to 100 due to rounding.

- Persons by mode for 2022 had duplicate values corrected on 5/17/2024.

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

YEAR / MODE	1993		1994		1995		1996		1997		1998		2000		2001		2002		2003	
AUTO, TAXI, VAN & TRUCK	216	16%	218	16%	219	16%	228	16%	252	18%	263	18%	259	17%	179	13%	220	16%	239	17%
	121	9%	121	9%	119	9%	122	9%	117	8%	120	8%	131	9%	132	10%	138	10%	140	10%
	859	62%	866	62%	855	62%	858	61%	845	60%	839	59%	958	63%	851	62%	813	58%	787	57%
	159	12%	165	12%	165	12%	169	12%	171	12%	193	13%	154	10%	183	13%	196	14%	184	13%
	25	2%	24	2%	24	2%	24	2%	25	2%	15	1%	23	2%	21	2%	39	3%	36	3%
	-	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%	0	0%	0	0%	1	0%
					2	0%	2	0%	1	0%	2	0%	1	0%	1	0%	2	0%	2	0%
TOTAL	1,381	-	1,396	-	1,385	-	1,403	-	1,412	-	1,433	-	1,536	-	1,368	-	1,408	-	1,388	-
YEAR / MODE	2004		2005		2006		2007		2008		2009		2010		2011		2012		2013	
AUTO, TAXI, VAN & TRUCK	228	17%	193	14%	193	15%	186	13%	180	12%	180	14%	186	14%	181	13%	139	10%	173	12%
	136	10%	132	10%	135	10%	139	10%	134	9%	128	10%	124	9%	124	9%	130	10%	133	9%
	804	59%	809	60%	785	59%	918	63%	915	63%	804	61%	832	61%	847	62%	877	64%	900	63%
	172	13%	180	13%	184	14%	188	13%	187	13%	182	14%	179	13%	183	13%	182	13%	185	13%
	29	2%	28	2%	28	2%	24	2%	27	2%	27	2%	27	2%	26	2%	25	2%	22	2%
	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%
	2	0%	2	0%	2	0%	3	0%	4	0%	5	0%	5	0%	6	0%	6	0%	8	1%
TOTAL	1,372	-	1,346	-	1,328	-	1,460	-	1,448	-	1,327	-	1,353	-	1,368	-	1,361	-	1,422	-
YEAR / MODE	2014		2015		2016		2017		2018		2019		2020		2021		2022			
AUTO, TAXI, VAN & TRUCK	167	12%	168	12%	160	11%	156	11%	153	11%	161	11%	145	33%	141	20%	145	16%		
	126	9%	131	9%	129	9%	127	9%	125	9%	122	8%	27	6%	54	8%	82	9%		
	910	64%	922	63%	921	64%	913	64%	902	64%	923	64%	227	51%	427	60%	549	60%		
	190	13%	197	14%	203	14%	198	14%	200	14%	201	14%	31	7%	71	10%	120	13%		
	23	2%	26	2%	25	2%	29	2%	30	2%	27	2%	6	1%	13	2%	15	2%		
	1	0%	1	0%	2	0%	1	0%	1	0%	1	0%	0	0%	1	0%	1	0%		
	8	1%	8	1%	9	1%	9	1%	9	1%	9	1%	8	2%	8	1%	8	1%		
TOTAL	1,426	-	1,452	-	1,448	-	1,434	-	1,421	-	1,444	-	445	-	715	-	920	-		

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*)**

SHARE OF TOTAL DAILY ENTRIES BY OCCUPANTS

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
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%
2022	6.2%	18.1%	17.2%	39.6%	14.0%	33.3%

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
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
2022	2,776,385	920,123	385,538	2,247,292

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 ACCUM.	MAXIMUM TRAVELER ACCUM.	HUB BASED VEHICLES*	MAXIMUM HUB ACCUM.	TIME OF MAXIMUM ACCUM.
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
2022	848,495	633,376	1,481,871	02:00 PM	66,539	78,435	144,974	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.
- 2018-2022 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, 2014-2022

	2014	2015	2016	2017	2018	2019	2020	2021	2022
BUS PASSENGERS									
60TH STREET SECTOR									
FDR DRIVE (1)	-	-	-	-	-	-	-	-	-
YORK AVENUE	3,766	4,055	3,792	2,702	2,424	2,630	1,202	2,035	2,890
FIRST AVE/SECOND AVE	18,747	15,818	14,999	16,161	15,806	17,187	9,709	12,728	14,210
LEXINGTON AVE/THIRD AVE	10,241	9,730	8,955	8,179	10,201	10,610	6,226	7,006	9,842
MADISON AVE/FIFTH AVE	26,515	21,727	23,164	21,651	20,929	23,544	8,430	13,156	17,504
CENTRAL PK WEST	805	754	804	613	493	433	224	393	548
EIGHTH AVENUE (1)	-	-	-	-	-	-	-	-	-
BROADWAY	8,478	6,999	7,350	6,082	5,692	6,054	2,951	4,728	5,564
COLUMBUS AVE/AMSTERDAM AVE	2,943	2,585	2,744	2,547	2,494	2,949	1,444	2,502	3,114
WEST END AVENUE	2,064	1,809	1,823	1,830	1,890	2,134	993	1,630	2,186
SECTOR TOTAL	73,559	63,477	63,631	59,765	59,929	65,541	31,179	44,178	55,858
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	359	335	306	329	337	318	274	248	328
MANHATTAN BRIDGE	(1)	(1)	(1)	(1)	(1)	(1)	577 (2)	(1)	(1)
HUGH L. CAREY TUNNEL	42,136	40,239	40,590	42,241	38,264	36,111	14,703	24,244	31,850
SECTOR TOTAL	42,495	40,574	40,896	42,570	38,601	36,429	15,554	24,492	32,178
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	11,171	11,142	10,236	11,187	10,796	10,529	3,112	5,757	8,027
ED KOCH QUEENSBORO BRIDGE	11,224	9,472	9,870	9,353	10,800	10,741	5,385	6,433	8,332
SECTOR TOTAL	22,395	20,614	20,106	20,540	21,596	21,270	8,497	12,190	16,359
NEW JERSEY SECTOR									
HOLLAND TUNNEL	28,325	29,243	30,737	28,257	25,581	21,901	3,026	2,302	10,752
LINCOLN TUNNEL	360,978	426,931	400,370	406,250	399,391	387,166	108,310	179,831	263,297
SECTOR TOTAL	389,303	456,174	431,107	434,507	424,972	409,067	111,336	182,133	274,049
TOTAL BUS PASSENGERS	527,752	580,839	555,740	557,382	545,098	532,307	166,566	262,993	378,444

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, 2014-2022

	2014	2015	2016	2017	2018	2019	2020	2021	2022
SUBWAY PASSENGERS									
60TH STREET SECTOR									
SECOND AVENUE LOCAL	(1)	(1)	(1)	149,277	152,728	152,027	47,959	81,862	99,643
LEXINGTON AVENUE EXPRESS	372,522	363,116	386,250	330,963	318,049	316,231	123,279	181,366	188,062
LEXINGTON AVENUE LOCAL	341,376	327,790	307,982	247,372	233,504	240,531	85,156	144,095	168,036
EIGHTH AVENUE EXPRESS	286,126	299,008	274,781	300,544	287,321	283,787	104,784	154,031	177,198
EIGHTH AVENUE LOCAL	132,713	144,149	144,082	141,307	113,955	136,281	32,644	72,485	82,000
BROADWAY/7TH AVE EXPRESS	295,947	311,191	320,456	302,063	274,527	291,697	94,066	160,185	173,251
BROADWAY/7TH AVE LOCAL	239,350	235,108	223,675	214,038	240,356	226,567	63,981	129,256	157,355
SECTOR TOTAL	1,668,034	1,680,362	1,657,226	1,685,564	1,620,440	1,647,121	551,869	923,280	1,045,545
BROOKLYN SECTOR									
14TH STREET TUNNEL	234,538	258,485	248,094	304,551	256,472	246,791	93,175	158,847	186,105
WILLIAMSBURG BRIDGE	138,808	160,790	165,077	122,004	145,506	148,986	49,966	80,067	84,804
RUTGERS TUNNEL	154,590	157,575	154,766	122,820	143,512	132,948	36,933	76,629	93,577
MANHATTAN BRIDGE	391,249	437,764	419,024	439,103	439,896	406,397	152,113	242,203	286,227
CRANBERRY ST. TUNNEL	269,635	252,724	251,898	239,232	258,881	249,039	75,446	124,592	159,853
CLARK ST. TUNNEL	149,865	147,180	151,529	144,782	131,054	142,671	39,328	76,111	89,159
MONTAGUE ST. TUNNEL	63,660	56,863	61,386	61,642	59,960	51,434	11,107	25,501	29,896
JORALEMON ST. TUNNEL	194,120	169,645	187,043	178,793	162,733	167,197	57,364	91,852	106,016
SECTOR TOTAL	1,596,465	1,641,026	1,638,817	1,612,927	1,598,014	1,545,463	515,432	875,802	1,035,637
QUEENS SECTOR									
60TH STREET TUNNEL	282,481	283,573	292,407	268,370	250,506	224,151	83,686	138,688	158,913
53RD STREET TUNNEL	293,904	290,750	261,254	298,886	316,289	290,643	101,345	172,722	197,185
STEINWAY ST. TUNNEL	218,246	251,677	253,508	250,218	213,140	259,095	91,707	127,949	163,833
63RD STREET TUNNEL	173,005	184,759	180,682	140,057	170,538	158,364	46,018	94,603	112,302
SECTOR TOTAL	967,636	1,010,759	987,851	957,531	950,473	932,253	322,756	533,962	632,233

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.

TABLE 5 (continued)
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY, 2014-2022

	2014	2015	2016	2017	2018	2019	2020	2021	2022
SUBWAY PASSENGERS									
NEW JERSEY SECTOR									
PATH DOWNTOWN	98,179	109,785	122,884	132,208	139,153	137,082	30,660	57,903	78,347
PATH UPTOWN	124,721	135,752	130,859	137,426	130,792	136,365	29,978	61,442	81,770
SECTOR TOTAL	222,900	245,537	253,743	269,634	269,945	273,447	60,638	119,345	160,117
TOTAL SUBWAY PASSENGERS	4,455,035	4,577,684	4,537,637	4,525,656	4,438,872	4,398,284	1,450,695	2,452,389	2,873,532
SUBURBAN RAIL PASSENGERS									
AMTRAK & MTA METRO-NORTH RR	215,376	221,466	222,545	226,389	228,682	226,296	36,535	100,083	143,884
AMTRAK & MTA LIRR	235,797	238,956	242,343	242,853	243,485	246,843	70,989	109,229	204,826
AMTRAK & NJ TRANSIT	181,752	194,377	200,805	197,399	196,740	212,191	40,158	84,514	120,706
TOTAL RAIL PASSENGERS	632,925	654,799	665,693	666,641	668,907	685,330	147,682	293,826	469,416
FERRY PASSENGERS									
MANHATTAN & UPSTATE									1,911
BROOKLYN	147	468	1,538	3,891	3,290	5,203	1,993	3,537	3,300
QUEENS	0	948	1,261	6,850	6,580	8,327	5,110	8,060	6,653
STATEN ISLAND (1)	58,511	72,456	84,116	79,159	83,709	68,175	27,007	34,726	43,913
NEW JERSEY	29,069	34,887	35,836	35,901	36,340	36,820	6,659	17,837	24,776
TOTAL FERRY PASSENGRS	87,727	108,759	122,751	125,801	129,919	118,525	40,769	64,160	78,642
ROOSEVELT ISLAND TRAMWAY	5,561	7,680	9,205	5,516	7,326	7,820	2,500	4,687	5,530
TOTAL PUBLIC TRANSIT PASSENGERS (2)	5,709,000	5,929,761	5,891,026	5,880,996	5,790,122	5,742,266	1,808,212	3,078,055	3,805,564
BICYCLE (3)	55,360	58,448	64,078	67,286	67,160	65,588	79,980	68,481	78,783

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 (2019-2022)

SECTOR AND FACILITY	2019			2020			2021			2022		
	AM	PM	OFF *									
	PEAK	PEAK	(18 hrs)									
60TH STREET SECTOR												
SECOND AVE LOCAL (1)	24	27	223	25	24	257	21	21	223	23	23	247
LEXINGTON AVE EXPRESS	65	66	473	58	67	459	60	65	436	62	56	434
LEXINGTON AVE LOCAL	50	47	451	52	51	437	49	49	432	52	48	441
EIGHTH AVE EXPRESS	49	46	467	50	44	478	41	38	401	47	43	464
EIGHTH AVE LOCAL	36	37	321	33	32	311	32	32	284	37	35	333
B'WAY/7TH AV EXPRESS	57	55	472	53	55	444	53	52	425	57	49	380
B'WAY/7TH AV LOCAL	43	39	388	40	41	372	39	38	351	40	39	355
AMTRAK/METRO-NORTH	121	108	417	51	51	245	83	73	352	117	108	388
SECTOR TOTAL	445	425	3,212	362	365	3,003	378	368	2,904	435	401	3,042
BROOKLYN SECTOR												
14TH STREET TUNNEL	51	45	327	52	46	442	48	41	412	48	45	446
WILLIAMSBURG BRIDGE	47	43	436	49	47	408	44	44	368	49	46	398
RUTGERS ST. TUNNEL	32	31	301	23	23	260	29	31	287	32	34	304
MANHATTAN BRIDGE	96	93	710	98	90	825	88	79	661	95	80	772
CRANBERRY ST. TUNNEL	54	40	406	51	50	385	48	45	332	54	54	402
CLARK ST. TUNNEL	48	49	476	44	53	411	45	50	411	44	42	413
MONTAGUE ST. TUNNEL	24	25	187	25	25	208	24	24	278	22	25	265
JORALEMON ST. TUNNEL	57	64	474	56	61	467	58	57	434	56	55	437
SECTOR TOTAL	409	390	3,317	398	395	3,406	384	371	3,183	400	381	3,437
QUEENS SECTOR												
60TH STREET TUNNEL	60	63	482	63	62	549	57	64	508	62	59	475
53RD STREET TUNNEL	60	54	489	56	57	418	57	56	459	52	60	464
STEINWAY ST. TUNNEL	72	60	513	69	65	504	68	59	441	70	63	497
63RD STREET TUNNEL	39	36	306	23	22	263	34	38	280	34	37	301
AMTRAK/LIRR TUNNEL	87	80	349	80	74	332	62	60	317	96	99	525
SECTOR TOTAL	318	293	2,139	291	280	2,066	278	277	2,005	314	318	2,262
SUBTOTAL, NYCT	964	920	7,902	920	915	7,898	895	883	7,423	936	893	7,828
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNEL	70	69	388	65	65	375	65	65	362	62	62	355
PATH UPTOWN TUNNEL	61	56	410	62	58	364	62	58	365	62	58	384
AMTRAK/NJ TRANSIT TUNNELS	59	62	347	49	47	276	48	45	260	53	55	327
SECTOR TOTAL	190	187	1,145	176	170	1,015	175	168	987	177	175	1,066
GRAND TOTAL	1,362	1,295	9,813	1,227	1,210	9,490	1,215	1,184	9,079	1,326	1,275	9,807

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 (2019-2022)

SECTOR AND FACILITY	2019			2020			2021			2022		
	AM	PM	OFF *									
	PEAK	PEAK	(18 hrs)									
60TH STREET SECTOR												
SECOND AVE LOCAL (1)	192	216	1,784	200	192	2,056	168	168	1,784	184	184	1,976
LEXINGTON AVE EXPRESS	650	660	4,730	580	670	4,590	600	650	4,360	620	560	4,340
LEXINGTON AVE LOCAL	500	470	4,510	520	510	4,370	490	490	4,320	520	480	4,410
EIGHT AVE EXPRESS	392	368	3,736	400	352	3,824	328	304	3,208	376	344	3,712
EIGHT AVE LOCAL	288	296	2,568	264	256	2,488	256	256	2,272	296	280	2,664
B'WAY/7TH AV EXPRESS	570	550	4,720	530	550	4,440	530	520	4,250	570	490	3,800
B'WAY/7TH AV LOCAL	430	390	3,880	400	410	3,720	390	380	3,510	400	390	3,550
AMTRAK/METRO-NORTH	905	799	2,995	384	395	1,835	644	561	2,704	780	711	2,572
SECTOR TOTAL	3,927	3,749	28,923	3,278	3,335	27,323	3,406	3,329	26,408	3,746	3,439	27,024
BROOKLYN SECTOR												
14TH STREET TUNNEL	408	360	2,616	416	368	3,536	384	328	3,296	384	360	3,568
WILLIAMSBURG BRIDGE	376	344	3,488	392	376	3,264	352	352	2,944	392	368	3,184
RUTGERS ST. TUNNEL	320	310	3,010	230	230	2,600	290	310	2,870	320	340	3,040
MANHATTAN BRIDGE	768	744	5,656	784	720	6,600	704	632	5,288	760	640	6,176
CRANBERRY ST. TUNNEL	432	320	3,248	408	400	3,080	384	360	2,656	432	432	3,216
CLARK ST. TUNNEL	480	490	4,760	440	530	4,110	450	500	4,110	440	420	4,130
MONTAGUE ST. TUNNEL	240	250	1,840	246	250	2,040	240	240	2,660	220	250	2,564
JORALEMON ST. TUNNEL	570	640	4,740	560	610	4,670	580	570	4,340	560	550	4,370
SECTOR TOTAL	3,594	3,458	29,358	3,476	3,484	29,900	3,384	3,292	28,164	3,508	3,360	30,248
QUEENS SECTOR												
60TH STREET TUNNEL	526	552	4,212	552	544	4,770	500	560	4,414	542	522	4,150
53RD STREET TUNNEL	556	498	4,544	516	528	3,868	530	520	4,296	478	556	4,340
STEINWAY ST. TUNNEL	792	660	5,643	759	715	5,544	748	649	4,851	770	693	5,467
63RD STREET TUNNEL	390	360	3,060	230	220	2,630	340	380	2,800	340	370	3,010
AMTRAK/LIRR TUNNEL	868	819	3,526	782	738	3,253	614	612	3,237	775	806	4,094
SECTOR TOTAL	3,132	2,889	20,985	2,839	2,745	20,065	2,732	2,721	19,598	2,905	2,947	21,061
TOTAL, NYCT	8,880	8,478	72,745	8,427	8,431	72,200	8,264	8,169	68,229	8,604	8,229	71,667
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNEL	534	527	2,945	494	494	2,849	494	494	2,745	470	470	2,689
PATH UPTOWN TUNNEL	427	392	2,870	434	406	2,548	434	406	2,555	434	406	2,688
AMTRAK/NJ TRANSIT TUNNELS	501	514	2,640	427	404	2,211	407	405	2,110	443	450	2,496
SECTOR TOTAL	1,462	1,433	8,455	1,355	1,304	7,608	1,335	1,305	7,410	1,347	1,326	7,873
GRAND TOTAL	12,115	11,529	87,721	10,948	10,868	84,896	10,857	10,647	81,580	11,506	11,072	86,206

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 (2012-2022)
(in square feet)

MODE / YEAR	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
60TH STREET SECTOR											
SUBWAY-EXPRESS	5.1	4.5	4.4	4.0	3.9	4.3	4.4	4.4	17.6	9.0	7.9
SUBWAY-LOCAL	5.9	4.9	4.9	5.1	5.1	5.2	4.8	5.2	27.5	10.6	8.1
SUBURBAN RAIL	7.3	7.2	7.3	7.2	7.3	7.0	7.0	7.0	26.1	12.4	10.1
BUS	9.5	10.9	11.6	13.0	14.0	15.2	15.5	12.6	36.5	22.6	16.0
SECTOR AVERAGE	6.0	5.3	5.4	5.2	5.2	5.4	5.4	5.4	22.5	10.6	8.7
BROOKLYN SECTOR											
SUBWAY	5.6	5.2	5.3	5.3	5.2	5.4	5.2	5.1	23.9	11.4	8.9
BUS	8.0	8.6	9.3	8.9	9.0	9.5	9.1	9.8	36.0	20.7	14.9
SECTOR AVERAGE	5.7	5.4	5.4	5.4	5.4	5.5	5.3	5.3	24.3	11.7	9.1
QUEENS SECTOR											
SUBWAY	5.9	5.3	5.5	5.1	5.1	5.1	4.9	5.4	18.6	10.3	8.0
SUBURBAN RAIL	7.1	7.0	7.0	6.9	6.9	7.0	7.0	7.0	37.6	15.4	8.3
BUS	9.8	10.7	11.8	12.3	15.7	12.7	14.4	14.3	47.2	30.2	21.6
SECTOR AVERAGE	6.3	6.0	6.1	5.8	5.8	5.8	5.6	6.1	23.3	11.8	8.4
NEW JERSEY SECTOR											
SUBWAY	4.9	4.6	4.7	4.4	4.1	3.8	3.6	3.8	23.9	9.1	5.6
SUBURBAN RAIL	6.2	5.8	5.4	5.6	4.5	5.4	4.9	5.0	36.2	13.2	11.4
BUS	9.1	9.1	9.1	8.2	8.3	8.3	8.2	8.3	29.4	12.4	7.8
SECTOR AVERAGE	7.0	6.8	6.6	6.3	5.8	5.9	5.8	5.8	29.0	11.4	7.6
STATEN ISLAND FERRY											
	13.7	13.7	14.5	12.7	14.6	12.8	12.6	17.4	65.1	36.6	30.2
ROOSEVELT ISLAND TRAMWAY (2)											
	3.0	2.6	3.5	3.1	2.7	6.2	4.1	4.3	4.3	6.9	6.9
ALL TRANSIT MODES	6.2	5.7	5.8	5.7	5.6	5.7	5.6	5.7	24.5	11.6	8.7

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 (2012-2022)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	46,764	48,062	45,889	43,118	41,745	42,848	40,938	39,737	16,783	26,312	33,664
WEST OF HUDSON	191,074	191,988	192,349	214,609	215,478	219,336	217,485	212,146	57,543	95,076	148,627
NORTH OF NYC	257	354	272	252	241	260	291	236	114	145	175
TOTAL EXPRESS BUS	238,095	240,404	238,510	257,979	257,464	262,444	258,714	252,119	74,440	121,533	182,466
LOCAL BUS	29,809	27,832	24,161	20,975	21,229	19,834	21,021	24,107	12,266	14,750	19,409
TOTAL BUS PASSENGERS	267,904	268,236	262,671	278,954	278,693	282,278	279,735	276,226	86,706	136,283	201,875
NUMBER OF BUSES											
EXPRESS BUS											
NEW YORK CITY	1,598	1,659	1,645	1,617	1,597	1,604	1,631	1,648	1,699	1,675	1,674
WEST OF HUDSON	7,654	7,588	7,698	7,728	7,754	7,967	7,868	7,789	4,730	5,103	5,360
NORTH OF NYC	12	12	12	12	11	11	11	10	10	8	8
TOTAL EXPRESS BUS	9,264	9,259	9,355	9,357	9,362	9,582	9,510	9,447	6,439	6,786	7,042
LOCAL BUS	1,783	1,791	1,759	1,728	1,782	1,803	1,749	1,743	1,822	1,669	1,711
TOTAL BUSES	11,047	11,050	11,114	11,085	11,144	11,385	11,259	11,190	8,261	8,455	8,753

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 (2013-2022)

VEHICLE OCCUPANTS / LOCATION	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
60TH STREET SECTOR										
EAST OF CENTRAL PARK										
FDR DRIVE	195,423	191,309	187,021	192,664	192,149	201,826	180,015	192,324	190,336	197,364
YORK AVENUE	44,227	42,477	42,909	30,726	30,448	34,210	33,607	21,750	26,915	25,205
SECOND AND FIRST AVENUES	101,793	105,217	98,916	88,794	98,573	90,259	85,191	71,136	77,057	75,952
QUEENSBORO BRIDGE RAMP (1)	40,162	39,033	39,984	42,738	39,821	41,299	41,737	31,362	(1)	(1)
LEXINGTON AND THIRD AVENUES	68,538	67,055	62,575	63,911	61,795	61,799	57,313	42,903	52,245	52,155
PARK AVENUE	58,915	56,929	52,978	49,594	48,965	51,764	51,983	35,684	49,333	40,081
FIFTH AND MADISON AVENUES	71,815	68,590	68,710	69,745	56,484	54,586	53,561	43,241	50,934	50,764
SUBTOTAL	580,873	570,610	553,093	538,172	528,235	535,743	503,407	438,400	446,820	441,521
CENTRAL PARK DRIVES	11,438	10,285	11,501	7,971	7,584	(2)	(2)	(2)	(2)	(2)
WEST OF CENTRAL PARK (3)										
EIGHTH AVE./CENTRAL PARK WEST	25,909	24,641	24,581	22,836	23,186	22,324	20,789	14,049	13,426	14,335
BROADWAY	41,352	39,691	38,746	35,562	38,454	33,011	33,567	20,887	27,130	24,448
COLUMBUS AND AMSTERDAM AVE.	62,331	52,454	55,872	52,190	53,383	58,403	51,764	38,715	44,141	42,403
WEST END AVENUE	34,582	33,035	32,513	29,814	30,479	32,912	30,693	20,763	22,430	27,060
WEST SIDE HIGHWAY	127,869	130,798	130,334	132,990	130,145	128,221	138,491	110,957	123,547	129,900
SUBTOTAL	292,043	280,619	282,046	273,392	275,647	274,871	275,304	205,371	230,674	238,146
SECTOR TOTAL	884,354	861,514	846,640	819,535	811,466	810,613	778,711	643,771	677,494	679,667
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	146,517	141,418	133,361	133,941	133,698	133,007	163,455	108,349	115,572	117,359
MANHATTAN BRIDGE	118,250	113,982	118,636	115,102	108,897	102,793	94,645	93,911	94,625	95,902
BROOKLYN BRIDGE	129,723	126,865	129,227	133,399	145,130	150,549	193,433	144,150	131,867	134,750
HUGH L. CAREY TUNNEL	61,362	61,509	64,050	65,036	63,168	68,007	66,142	63,104	77,333	76,422
SECTOR TOTAL	455,852	443,774	445,274	447,478	450,893	454,356	517,675	409,514	419,397	424,433
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	127,136	122,316	127,551	108,118	118,366	122,509	128,342	94,971	115,543	128,640
ED KOCH QUEENSBORO BRIDGE (4)	207,920	211,164	211,117	206,019	204,401	176,123	196,768	153,659	128,434	140,291
SECTOR TOTAL	335,056	333,480	338,668	314,137	322,767	298,632	325,110	248,630	243,977	268,931
NEW JERSEY SECTOR										
HOLLAND TUNNEL	105,697	102,579	106,165	104,959	102,949	105,863	108,097	86,972	97,502	105,736
LINCOLN TUNNEL	133,508	132,058	142,484	134,184	136,876	129,952	126,643	110,975	136,046	131,982
SECTOR TOTAL	239,205	234,637	248,649	239,143	239,825	235,815	234,740	197,947	233,548	237,718
TOTAL, ALL FACILITIES	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	1,610,749

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

(1) The 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.

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

(3) 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.

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

TABLE 11
MOTOR VEHICLES (AUTOS, TAXIS, VANS, & TRUCKS)
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY (2013-2022)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
EAST OF CENTRAL PARK										
FDR DRIVE	150,087	146,976	143,495	147,824	147,470	155,529	138,475	148,510	145,996	151,520
YORK AVENUE	34,276	32,708	32,940	24,429	23,390	26,272	25,891	16,766	20,887	19,341
SECOND AND FIRST AVENUES	76,723	79,161	74,267	66,341	74,201	68,167	64,149	53,514	58,084	56,984
ED KOCH QUEENSBORO BRIDGE RAMP (1)	33,357	32,367	33,149	35,408	33,049	34,248	34,588	26,034	(1)	(1)
LEXINGTON AND THIRD AVENUES	51,562	50,375	47,037	47,866	46,379	46,365	42,675	32,039	38,569	38,237
PARK AVENUE	40,735	39,370	36,517	34,334	33,927	35,942	36,052	24,773	34,278	27,751
FIFTH AND MADISON AVENUES	47,542	45,444	45,569	46,251	37,677	36,342	35,592	28,826	33,824	33,698
SUBTOTAL	434,282	426,401	412,974	402,453	396,093	402,865	377,422	330,462	331,638	327,531
CENTRAL PARK DRIVES	6,376	5,750	6,399	4,452	4,244	(2)	(2)	(2)	(2)	(2)
WEST OF CENTRAL PARK (3)										
CENTRAL PARK WEST	14,608	13,915	13,839	12,926	13,096	12,625	11,752	7,924	7,596	8,095
BROADWAY	30,847	29,600	28,927	26,550	28,731	24,626	25,066	15,612	20,369	18,222
COLUMBUS AND AMSTERDAM AVES.	47,098	39,700	42,229	39,487	40,430	44,205	39,190	29,326	33,404	32,048
WEST END AVENUE	24,056	22,980	22,611	20,725	21,182	22,888	21,338	14,452	15,606	18,813
WEST SIDE HIGHWAY	111,560	114,186	113,753	116,126	113,626	112,080	120,901	96,943	107,895	113,372
SUBTOTAL	228,169	220,381	221,359	215,814	217,065	216,424	218,247	164,257	184,870	190,550
SECTOR TOTAL	668,827	652,532	640,732	622,719	617,402	619,288	595,669	494,719	516,508	518,081
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	115,618	111,575	105,154	105,590	105,352	104,722	128,214	85,357	90,996	92,465
MANHATTAN BRIDGE	87,375	84,048	87,046	85,084	80,273	75,862	69,245	69,505	68,102	70,768
BROOKLYN BRIDGE	102,542	99,986	102,219	105,679	115,981	119,735	158,132	114,184	104,862	107,032
HUGH L. CAREY TUNNEL	53,389	53,532	55,734	56,545	55,039	59,201	57,599	54,978	67,315	66,518
SECTOR TOTAL	358,924	349,141	350,153	352,898	356,645	359,520	413,190	324,024	331,275	336,783
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	87,985	84,628	88,573	74,883	82,392	85,330	89,352	66,296	80,709	89,533
ED KOCH QUEENSBORO BRIDGE (4)	170,807	173,508	173,776	169,586	168,029	144,782	161,881	126,631	104,891	114,863
SECTOR TOTAL	258,792	258,136	262,349	244,469	250,421	230,112	251,233	192,927	185,600	204,396
NEW JERSEY SECTOR										
HOLLAND TUNNEL	88,015	85,467	88,457	87,481	85,804	86,141	87,985	70,886	81,179	82,786
LINCOLN TUNNEL	96,595	95,662	103,110	97,020	99,005	98,187	95,582	84,137	98,355	104,203
SECTOR TOTAL	184,610	181,129	191,567	184,501	184,809	184,328	183,567	155,023	179,534	186,989
TOTAL, ALL FACILITIES	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	1,246,249

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

- (1) The 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.
- (2) Central Park South and 7th Avenue, open only to authorized vehicles and not general traffic.
- (3) 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.
- (4) In 2018, the Ed Koch Queensboro Bridge volume is noticeably lower than recent years. Please account for this discrepancy for any analysis/reporting in which it is used.

TABLE 12
REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)
ON A FALL BUSINESS DAY (2015-2022), BY MODE AND BY SECTOR

YEAR / SECTOR / MODE	2015	2016	2017	2018	2019	2020	2021	2022
SECTOR								
60TH STREET	209,223	203,088	207,161	203,943	212,589	113,588	148,411	153,641
BROOKLYN	111,246	109,910	109,364	109,886	101,066	63,093	85,730	84,217
QUEENS	68,449	66,830	64,037	62,192	60,853	31,038	44,492	49,722
NEW JERSEY	73,836	68,908	68,479	67,894	65,551	26,211	35,149	45,350
STATEN ISLAND	2,157	2,430	2,377	2,391	2,431	1,150	1,063	1,279
ROOSEVELT ISLAND	205	256	200	266	259	151	180	207
TOTAL, ALL SECTORS	465,116	451,422	451,618	446,572	442,749	235,231	315,025	334,416
MODE								
AUTOS, TAXIS, VANS AND TRUCKS	122,351	117,077	117,441	119,827	114,474	107,893	114,779	105,305
BUS	41,029	36,633	35,812	35,624	32,974	11,776	17,141	23,855
SUBWAY	277,764	273,265	273,944	266,087	269,136	103,862	167,260	180,882
SUBURBAN AND INTERCITY RAIL	17,803	17,418	17,250	17,382	19,049	6,100	9,966	15,457
FERRY	3,281	3,690	3,764	3,817	3,890	1,953	2,632	5,303
TRAMWAY	205	256	200	266	259	151	180	207
BICYCLE	2,683	3,083	3,207	3,569	2,967	3,496	3,067	3,407
TOTAL, ALL MODES	465,116	451,422	451,618	446,572	442,749	235,231	315,025	334,416

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		
	2019	2020	2021	2022	2020/ 2019	2021/ 2020	2022/ 2021
CONNECTICUT REGION							
3 COUNTIES	1,983	1,981	2,008	2,011	-0.1%	1.4%	0.1%
NEW JERSEY							
9 COUNTIES	5,724	5,729	5,964	5,968	0.1%	4.1%	0.1%
NEW YORK STATE							
MANHATTAN HUB (1)	619	627	599	633	1.3%	-4.5%	5.7%
NYC REMAINDER	7,800	7,752	7,869	7,989	-0.6%	1.5%	1.5%
7 SUBURBAN COUNTIES	4,906	4,905	5,054	5,045	-0.0%	3.0%	-0.2%
TOTAL	13,326	13,285	13,521	13,667	-0.3%	1.8%	1.1%
TOTAL REGION	21,033	20,995	21,494	21,645	-0.2%	2.4%	0.7%

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: 2019-2022.
- 2019-2022 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 NONAGRICULTURAL WAGE AND SALARY
EMPLOYMENT**

	EMPLOYMENT (in thousands)				PERCENT CHANGE		
	2019	2020	2021	2022	2020/ 2019	2021/ 2020	2022/ 2021
CONNECTICUT REGION							
3 COUNTIES	1,005	1,001	1,004	1,008	-0.5%	0.4%	0.4%
NEW JERSEY							
9 COUNTIES	2,915	2,907	2,919	2,930	-0.2%	0.4%	0.4%
NEW YORK STATE							
MANHATTAN HUB (1)	2,178	2,185	2,199	2,212	0.4%	0.6%	0.6%
NYC REMAINDER	2,957	2,959	2,965	2,972	0.1%	0.2%	0.2%
7 SUBURBAN COUNTIES	2,239	2,231	2,240	2,248	-0.4%	0.4%	0.4%
TOTAL	7,374	7,376	7,404	7,432	0.0%	0.4%	0.4%
REGION TOTAL	11,294	11,284	11,327	11,370	-0.1%	0.4%	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.

(2) Employment data was taken from the SED forecasts adopted in October 2020 and do not show employment loss in 2020, 2021, & 2022 due to the Covid-19 pandemic.

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Appendix II

Summary Tables - 2022

Note 1: The 2022 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain. However, there has been a continuous and steady increase in travel since 2020.

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 DAY IN 2022
MORNING PEAK HOUR (8-9 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	VANS & TRUCKS	EXPRESS	LOCAL	EXPRESS	LOCAL	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	6,100	-	-	-	-	-
York Avenue	452	-	-	-	231	-
First Avenue	-	-	-	-	-	-
Second Avenue	2,161	-	7,054	622	117	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	927	10,672	9,267	92	378	-
Park Ave	1,309	-	-	-	-	19,235
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	1,921	-	-	505	779	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	1,082	13,446	10,461	28	308	-
Eighth Avenue	-	12,371	5,358	-	-	-
Columbus Avenue	1,089	-	-	-	140	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	1,155	-	-	-	177	-
West Side Highway	4,682	-	-	-	-	238
Hudson River Greenway	-	-	-	-	-	-
SECTOR TOTAL	20,878	36,489	32,140	1,247	2,130	19,473
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	15,062	-	-	-
Williamsburg Bridge-BMT	2,682	-	9,264	-	4	-
Rutgers Tunnel-IND	-	-	6,491	-	-	-
Manhattan Bridge-BMT	3,077	12,697	14,706	-	-	-
Brooklyn Bridge	3,404	-	-	-	-	-
Cranberry Tunnel-IND	-	-	15,013	-	-	-
Clark Tunnel-IRT	-	-	7,829	-	-	-
Montague Tunnel-BMT	-	-	3,203	-	-	-
Joralemon Tunnel-IRT	-	-	9,137	-	-	-
Hugh L. Carey Tunnel	3,283	-	-	3,246	-	-
SECTOR TOTAL	12,446	12,697	80,705	3,246	4	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	7,965	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	18,556	-	-	-
Ed Koch Queensboro Bridge-Tramway	2,875	-	-	-	161	-
Fifty-third St. Tunnel-IND	-	-	14,582	-	-	-
Steinway Tunnel-IRT	-	-	15,678	-	-	-
Queens Midtown Tunnel-IRT	4,479	-	-	1,667	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	25,223
SECTOR TOTAL	7,354	-	56,781	1,667	161	25,223
NEW JERSEY SECTOR						
Lincoln Tunnel	5,240	-	-	23,109	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	10,095
Uptown PATH Tunnel	-	-	9,542	-	-	-
Holland Tunnel	3,562	-	-	777	-	-
Downtown PATH Tunnel	-	-	11,068	-	-	-
SECTOR TOTAL	8,802	-	20,610	23,886	-	10,095
TOTAL, ALL SECTORS	49,480	49,186	190,236	30,046	2,295	54,791

Note: See note 1 on page II-0.
- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

TABLE 14 A (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL DAY IN 2022
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	-	-	-	-	6,100
York Avenue	-	-	-	231	683
First Avenue	-	-	2	2	2
Second Avenue	-	-	430	8,223	10,384
Third Avenue	-	-	7	7	7
Lexington Avenue- IRT	-	-	87	20,496	21,423
Park Ave	-	-	67	19,302	20,611
Madison Avenue	-	-	2	2	2
Fifth Avenue	-	-	115	1,399	3,320
Sixth Avenue	-	-	5	5	5
Seventh Avenue	-	-	160	160	160
Broadway	-	-	159	24,402	25,484
Eighth Avenue	-	-	6	17,735	17,735
Columbus Avenue	-	-	128	268	1,357
Amsterdam Avenue	-	-	10	10	10
West End Avenue	-	-	86	263	1,418
West Side Highway	-	-	4	242	4,924
Hudson River Greenway	-	-	300	300	300
All Ferry Points	28	-	-	28	28
SECTOR TOTAL	28	-	1,568	93,075	113,953
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	15,062	15,062
Williamsburg Bridge-BMT	-	-	467	9,735	12,417
Rutgers Tunnel-IND	-	-	-	6,491	6,491
Manhattan Bridge-BMT	-	-	371	27,774	30,851
Brooklyn Bridge	-	-	303	303	3,707
Cranberry Tunnel-IND	-	-	-	15,013	15,013
Clark Tunnel-IRT	-	-	-	7,829	7,829
Montague Tunnel-BMT	-	-	-	3,203	3,203
Joralemon Tunnel-IRT	-	-	-	9,137	9,137
Hugh L. Carey Tunnel	-	-	-	3,246	6,529
All Ferry Points	92	-	-	92	92
SECTOR TOTAL	92	-	1,141	97,885	110,331
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	7,965	7,965
Sixtieth St. Tunnel-BMT/IND	-	-	-	18,556	18,556
Ed Koch Queensboro Bridge-Tramway	-	306	488	955	3,830
Fifty-third St. Tunnel-IND	-	-	-	14,582	14,582
Steinway Tunnel-IRT	-	-	-	15,678	15,678
Queens Midtown Tunnel-IRT	-	-	-	1,667	6,146
Amtrak/LIRR Tunnels	-	-	-	25,223	25,223
All Ferry Points	172	-	-	172	172
SECTOR TOTAL	172	306	488	84,798	92,152
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	23,109	28,349
Amtrak/N.J. Transit Tunnels	-	-	-	10,095	10,095
Uptown PATH Tunnel	-	-	-	9,542	9,542
Holland Tunnel	-	-	-	777	4,339
Downtown PATH Tunnel	-	-	-	11,068	11,068
All Ferry Points	3,062	-	-	3,062	3,062
SECTOR TOTAL	3,062	-	-	57,653	66,455
Staten Island Ferry, Bicycle	2,603	-	44	2,647	2,647
TOTAL, ALL SECTORS	5,957	306	3,241	336,058	385,538

TABLE 14 B
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL DAY IN 2022
MORNING PEAK PERIOD (7-10 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	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	18,939	-	-	-	-	-
York Avenue	1,296	-	-	-	462	-
First Avenue	-	-	-	-	-	-
Second Avenue	6,091	-	14,935	1,701	316	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	2,517	29,739	23,002	282	986	-
Park Ave	3,446	-	-	-	-	41,944
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	5,104	-	-	1,821	1,685	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	2,762	30,966	20,503	90	695	-
Eighth Avenue	-	30,189	12,151	-	-	-
Columbus Avenue	3,129	-	-	-	402	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	2,990	-	-	-	329	-
West Side Highway	13,627	-	-	-	-	496
Hudson River Greenway	-	-	-	-	-	-
SECTOR TOTAL	59,901	90,894	70,591	3,894	4,875	42,440
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	34,713	-	-	-
Williamsburg Bridge-BMT	8,133	-	20,001	-	17	-
Rutgers Tunnel-IND	-	-	15,761	-	-	-
Manhattan Bridge-BMT	9,080	26,826	31,786	-	-	-
Brooklyn Bridge	9,901	-	-	-	-	-
Cranberry Tunnel-IND	-	-	32,847	-	-	-
Clark Tunnel-IRT	-	-	19,268	-	-	-
Montague Tunnel-BMT	-	-	6,095	-	-	-
Joralemon Tunnel-IRT	-	-	22,120	-	-	-
Hugh L. Carey Tunnel	9,710	-	-	8,999	-	-
SECTOR TOTAL	36,824	26,826	182,591	8,999	17	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	21,217	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	38,039	-	-	-
Ed Koch Queensboro Bridge-Tramway	8,750	-	-	-	441	-
Fifty-third St. Tunnel-IND	-	-	38,104	-	-	-
Steinway Tunnel-IRT	-	-	35,810	-	-	-
Queens Midtown Tunnel-IRT	13,561	-	-	4,817	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	52,691
SECTOR TOTAL	22,311	-	133,170	4,817	441	52,691
NEW JERSEY SECTOR						
Lincoln Tunnel	15,325	-	-	-	-	25,286
Amtrak/N.J. Transit Tunnels	-	-	21,078	-	-	-
Uptown PATH Tunnel	-	-	-	1,779	-	-
Holland Tunnel	10,737	-	23,350	-	-	-
Downtown PATH Tunnel	-	-	-	57,632	-	-
SECTOR TOTAL	26,062	-	44,428	59,411	-	25,286
TOTAL, ALL SECTORS	145,098	117,720	430,780	77,121	5,333	120,417

Note: See note 1 on page II-0.

- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

TABLE 14 B (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL DAY IN 2022
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	-	-	-	-	18,939
York Avenue	-	-	-	462	1,758
First Avenue	-	-	13	13	13
Second Avenue	-	-	1,103	18,055	24,146
Third Avenue	-	-	13	13	13
Lexington Avenue- IRT	-	-	214	54,223	56,740
Park Ave	-	-	156	42,100	45,546
Madison Avenue	-	-	5	5	5
Fifth Avenue	-	-	321	3,827	8,931
Sixth Avenue	-	-	22	22	22
Seventh Avenue	-	-	412	412	412
Broadway	-	-	363	52,617	55,379
Eighth Avenue	-	-	22	42,362	42,362
Columbus Avenue	-	-	310	712	3,841
Amsterdam Avenue	-	-	32	32	32
West End Avenue	-	-	192	521	3,511
West Side Highway	-	-	8	504	14,131
Hudson River Greenway	-	-	860	860	860
All Ferry Points	84	-	-	84	84
SECTOR TOTAL	84	-	4,046	216,824	276,725
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	34,713	34,713
Williamsburg Bridge-BMT	-	-	1,154	21,172	29,305
Rutgers Tunnel-IND	-	-	-	15,761	15,761
Manhattan Bridge-BMT	-	-	942	59,554	68,634
Brooklyn Bridge	-	-	704	704	10,605
Cranberry Tunnel-IND	-	-	-	32,847	32,847
Clark Tunnel-IRT	-	-	-	19,268	19,268
Montague Tunnel-BMT	-	-	-	6,095	6,095
Joralemon Tunnel-IRT	-	-	-	22,120	22,120
Hugh L. Carey Tunnel	-	-	-	8,999	18,709
All Ferry Points	230	-	-	230	230
SECTOR TOTAL	230	-	2,800	221,463	258,287
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	21,217	21,217
Sixtieth St. Tunnel-BMT/IND	-	-	-	38,039	38,039
Ed Koch Queensboro Bridge-Tramway	-	771	1,292	2,504	11,254
Fifty-third St. Tunnel-IND	-	-	-	38,104	38,104
Steinway Tunnel-IRT	-	-	-	35,810	35,810
Queens Midtown Tunnel-IRT	-	-	-	4,817	18,378
Amtrak/LIRR Tunnels	-	-	-	52,691	52,691
All Ferry Points	330	-	-	330	330
SECTOR TOTAL	330	771	1,292	193,512	215,823
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	25,286	40,611
Amtrak/N.J. Transit Tunnels	-	-	-	21,078	21,078
Uptown PATH Tunnel	-	-	-	1,779	1,779
Holland Tunnel	-	-	-	23,350	34,087
Downtown PATH Tunnel	-	-	-	-	-
All Ferry Points	6,986	-	-	64,618	64,618
SECTOR TOTAL	6,986	-	-	136,111	162,173
Staten Island Ferry, Bicycle	7,015	-	100	7,115	7,115
TOTAL, ALL SECTORS	14,645	771	8,238	775,025	920,123

TABLE 14 C
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL DAY IN 2022
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	24 HOUR	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	114,419	-	-	-	-	-
York Avenue	10,100	-	-	-	1,555	-
First Avenue	-	-	-	-	-	-
Second Avenue	48,208	-	50,950	4,932	2,114	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	16,880	95,071	83,029	616	4,167	-
Park Ave	19,266	-	-	-	-	70,548
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	26,663	-	-	4,765	4,610	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	17,352	89,036	78,631	279	2,734	-
Eighth Avenue	-	88,826	41,552	-	-	-
Columbus Avenue	19,243	-	-	-	1,284	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	17,043	-	-	-	1,151	-
West Side Highway	68,527	-	-	-	-	2,003
Hudson River Greenway	-	-	-	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	357,701	272,933	254,162	10,592	17,615	72,551
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	92,781	-	-	-
Williamsburg Bridge-BMT	54,373	-	45,060	-	179	-
Rutgers Tunnel-IND	-	-	47,855	-	-	-
Manhattan Bridge-BMT	46,099	58,301	83,424	-	-	-
Brooklyn Bridge	64,703	-	-	-	-	-
Cranberry Tunnel-IND	-	-	81,200	-	-	-
Clark Tunnel-IRT	-	-	47,854	-	-	-
Montague Tunnel-BMT	-	-	13,601	-	-	-
Joralemon Tunnel-IRT	-	-	56,540	-	-	-
Hugh L. Carey Tunnel	38,760	-	-	16,212	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	203,935	58,301	468,315	16,212	179	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	61,362	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	86,895	-	-	-
Ed Koch Queensboro Bridge-Tramway	53,972	-	-	-	1,615	-
Fifty-third St. Tunnel-IND	-	-	97,145	-	-	-
Steinway Tunnel-IRT	-	-	74,591	-	-	-
Queens Midtown Tunnel-IRT	66,636	-	-	7,035	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	103,158
-	-	-	-	-	-	-
SECTOR TOTAL	120,608	-	319,993	7,035	1,615	103,158
NEW JERSEY SECTOR						
Lincoln Tunnel	66,462	-	-	143,896	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	59,213
Uptown PATH Tunnel	-	-	42,224	-	-	-
Holland Tunnel	53,036	-	-	4,731	-	-
Downtown PATH Tunnel	-	-	39,583	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	119,498	-	81,807	148,627	-	59,213
TOTAL, ALL SECTORS	801,742	331,234	1,124,277	182,466	19,409	234,922

Note: See note 1 on page II-0.

- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

TABLE 14 C (Continued)
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL DAY IN 2022
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	-	-	-	-	114,419
York Avenue	-	-	-	1,555	11,655
First Avenue	-	-	75	75	75
Second Avenue	-	-	5,656	63,652	111,860
Third Avenue	-	-	106	106	106
Lexington Avenue- IRT	-	-	1,999	184,882	201,762
Park Ave	-	-	1,164	71,712	90,978
Madison Avenue	-	-	62	62	62
Fifth Avenue	-	-	2,141	11,516	38,179
Sixth Avenue	-	-	192	192	192
Seventh Avenue	-	-	2,533	2,533	2,533
Broadway	-	-	2,194	172,874	190,226
Eighth Avenue	-	-	416	130,794	130,794
Columbus Avenue	-	-	3,956	5,240	24,483
Amsterdam Avenue	-	-	355	355	355
West End Avenue	-	-	1,355	2,506	19,549
West Side Highway	-	-	29	2,032	70,559
Hudson River Greenway	-	-	3,408	3,408	3,408
All Ferry Points	885	-	-	885	885
SECTOR TOTAL	885	-	25,641	654,379	1,012,080
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	92,781	92,781
Williamsburg Bridge-BMT	-	-	4,225	49,464	103,837
Rutgers Tunnel-IND	-	-	-	47,855	47,855
Manhattan Bridge-BMT	-	-	3,274	144,999	191,098
Brooklyn Bridge	-	-	1,959	1,959	66,662
Cranberry Tunnel-IND	-	-	-	81,200	81,200
Clark Tunnel-IRT	-	-	-	47,854	47,854
Montague Tunnel-BMT	-	-	-	13,601	13,601
Joralemon Tunnel-IRT	-	-	-	56,540	56,540
Hugh L. Carey Tunnel	-	-	-	16,212	54,972
All Ferry Points	1,576	-	-	1,576	1,576
SECTOR TOTAL	1,576	-	9,458	554,041	757,976
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	61,362	61,362
Sixtieth St. Tunnel-BMT/IND	-	-	-	86,895	86,895
Ed Koch Queensboro Bridge-Tramway	-	2,608	3,983	8,206	62,178
Fifty-third St. Tunnel-IND	-	-	-	97,145	97,145
Steinway Tunnel-IRT	-	-	-	74,591	74,591
Queens Midtown Tunnel-IRT	-	-	-	7,035	73,671
Amtrak/LIRR Tunnels	-	-	-	103,158	103,158
All Ferry Points	3,061	-	-	3,061	3,061
SECTOR TOTAL	3,061	2,608	3,983	441,453	562,061
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	143,896	210,358
Amtrak/N.J. Transit Tunnels	-	-	-	59,213	59,213
Uptown PATH Tunnel	-	-	-	42,224	42,224
Holland Tunnel	-	-	-	4,731	57,767
Downtown PATH Tunnel	-	-	-	39,583	39,583
All Ferry Points	12,839	-	-	12,839	12,839
SECTOR TOTAL	12,839	-	-	302,486	421,984
Staten Island Ferry, Bicycle	21,989	-	295	22,284	22,284
TOTAL, ALL SECTORS	40,350	2,608	39,377	1,974,643	2,776,385

TABLE 15 A
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL DAY IN 2022
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	4,201	-	-	-	-	-
York Avenue	813	-	-	-	126	-
First Avenue	1,570	-	-	606	126	-
Second Avenue	-	-	5,329	-	-	-
Third Avenue	2,168	-	-	19	458	-
Lexington Avenue- IRT	-	12,721	7,178	-	-	-
Park Ave	1,396	-	-	-	-	16,982
Madison Avenue	1,360	-	-	808	692	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	539	10,446	7,545	27	230	-
Eighth Avenue	936	10,516	4,560	-	66	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	1,752	-	-	-	120	-
West End Avenue	925	-	-	-	103	-
West Side Highway	2,960	-	-	-	-	194
Hudson River Greenway	-	-	-	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	18,620	33,683	24,612	1,460	1,921	17,176
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	12,126	-	-	-
Williamsburg Bridge-BMT	3,692	-	6,102	-	9	-
Rutgers Tunnel-IND	-	-	5,545	-	-	-
Manhattan Bridge-BMT	3,304	9,821	11,050	-	-	-
Brooklyn Bridge	3,550	-	-	-	-	-
Cranberry Tunnel-IND	-	-	12,313	-	-	-
Clark Tunnel-IRT	-	-	5,790	-	-	-
Montague Tunnel-BMT	-	-	2,528	-	-	-
Joralemon Tunnel-IRT	-	-	6,774	-	-	-
Hugh L. Carey Tunnel	3,354	-	-	3,876	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	13,900	9,821	62,228	3,876	9	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	6,890	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	11,388	-	-	-
Ed Koch Queensboro Bridge-Tramway	5,509	-	-	1,311	284	-
Fifty-third St. Tunnel-IND	-	-	16,393	-	-	-
Steinway Tunnel-IRT	-	-	14,193	-	-	-
Queens Midtown Tunnel-IRT	3,882	-	-	361	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	21,586
-	-	-	-	-	-	-
SECTOR TOTAL	9,391	-	48,864	1,672	284	21,586
NEW JERSEY SECTOR						
Lincoln Tunnel	5,018	-	-	19,374	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	10,120
Uptown PATH Tunnel	-	-	7,163	-	-	-
Holland Tunnel	2,673	-	-	1,161	-	-
Downtown PATH Tunnel	-	-	8,766	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	7,691	-	15,929	20,535	-	10,120
	-	-	-	-	-	-
TOTAL, ALL SECTORS	49,602	43,504	151,633	27,543	2,214	48,882

Note: See note 1 on page II-0.

- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

TABLE 15 A (Continued)
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL DAY IN 2022
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	-	-	-	-	4,201
York Avenue	-	-	-	126	939
First Avenue	-	-	424	1,156	2,726
Second Avenue	-	-	14	5,343	5,343
Third Avenue	-	-	184	661	2,829
Lexington Avenue- IRT	-	-	8	19,907	19,907
Park Ave	-	-	49	17,031	18,427
Madison Avenue	-	-	120	1,620	2,980
Fifth Avenue	-	-	2	2	2
Sixth Avenue	-	-	398	398	398
Seventh Avenue	-	-	2	2	2
Broadway	-	-	9	18,257	18,796
Eighth Avenue	-	-	397	15,539	16,475
Columbus Avenue	-	-	20	20	20
Amsterdam Avenue	-	-	184	304	2,056
West End Avenue	-	-	21	124	1,049
West Side Highway	-	-	9	203	3,163
Hudson River Greenway	-	-	486	486	486
All Ferry Points	56	-	-	56	56
SECTOR TOTAL	56	-	2,327	81,235	99,855
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	12,126	12,126
Williamsburg Bridge-BMT	-	-	485	6,596	10,288
Rutgers Tunnel-IND	-	-	-	5,545	5,545
Manhattan Bridge-BMT	-	-	401	21,272	24,576
Brooklyn Bridge	-	-	329	329	3,879
Cranberry Tunnel-IND	-	-	-	12,313	12,313
Clark Tunnel-IRT	-	-	-	5,790	5,790
Montague Tunnel-BMT	-	-	-	2,528	2,528
Joralemon Tunnel-IRT	-	-	-	6,774	6,774
Hugh L. Carey Tunnel	-	-	-	3,876	7,230
All Ferry Points	146	-	-	146	146
SECTOR TOTAL	146	-	1,215	77,295	91,195
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	6,890	6,890
Sixtieth St. Tunnel-BMT/IND	-	-	-	11,388	11,388
Ed Koch Queensboro Bridge-Tramway	-	358	408	2,361	7,870
Fifty-third St. Tunnel-IND	-	-	-	16,393	16,393
Steinway Tunnel-IRT	-	-	-	14,193	14,193
Queens Midtown Tunnel-IRT	-	-	-	361	4,243
Amtrak/LIRR Tunnels	-	-	-	21,586	21,586
All Ferry Points	197	-	-	197	197
SECTOR TOTAL	197	358	408	73,369	82,760
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	19,374	24,392
Amtrak/N.J. Transit Tunnels	-	-	-	10,120	10,120
Uptown PATH Tunnel	-	-	-	7,163	7,163
Holland Tunnel	-	-	-	1,161	3,834
Downtown PATH Tunnel	-	-	-	8,766	8,766
All Ferry Points	2,624	-	-	2,624	2,624
SECTOR TOTAL	2,624	-	-	49,208	56,899
Staten Island Ferry, Bicycle	3,301	-	30	3,331	3,331
TOTAL, ALL SECTORS	6,324	358	3,980	284,438	334,040

TABLE 15 B
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL DAY IN 2022
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	12,738	-	-	-	-	-
York Avenue	2,463	-	-	-	351	-
First Avenue	4,592	-	-	1,605	450	-
Second Avenue	-	-	12,893	-	-	-
Third Avenue	6,324	-	-	52	1,225	-
Lexington Avenue- IRT	-	31,372	21,086	-	-	-
Park Ave	4,076	-	-	-	-	36,890
Madison Avenue	4,232	-	-	1,917	1,763	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	1,559	26,227	21,681	67	805	-
Eighth Avenue	2,863	24,980	12,961	-	164	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	5,014	-	-	-	387	-
West End Avenue	2,619	-	-	-	280	-
West Side Highway	9,743	-	-	-	-	435
Hudson River Greenway	-	-	-	-	-	-
SECTOR TOTAL	56,223	82,579	68,621	3,641	5,425	37,325
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	34,230	-	-	-
Williamsburg Bridge-BMT	10,823	-	15,953	-	23	-
Rutgers Tunnel-IND	-	-	14,478	-	-	-
Manhattan Bridge-BMT	9,843	24,967	31,705	-	-	-
Brooklyn Bridge	10,339	-	-	-	-	-
Cranberry Tunnel-IND	-	-	31,204	-	-	-
Clark Tunnel-IRT	-	-	15,403	-	-	-
Montague Tunnel-BMT	-	-	6,978	-	-	-
Joralemon Tunnel-IRT	-	-	18,702	-	-	-
Hugh L. Carey Tunnel	10,040	-	-	9,027	-	-
SECTOR TOTAL	41,045	24,967	168,653	9,027	23	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	18,433	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	27,750	-	-	-
Ed Koch Queensboro Bridge-Tramway	15,979	-	-	3,035	839	-
Fifty-third St. Tunnel-IND	-	-	39,533	-	-	-
Steinway Tunnel-IRT	-	-	34,745	-	-	-
Queens Midtown Tunnel-IRT	11,709	-	-	754	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	48,038
SECTOR TOTAL	27,688	-	120,461	3,789	839	48,038
NEW JERSEY SECTOR						
Lincoln Tunnel	14,753	-	-	46,256	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	28,215
Uptown PATH Tunnel	-	-	17,528	-	-	-
Holland Tunnel	7,857	-	-	2,085	-	-
Downtown PATH Tunnel	-	-	19,963	-	-	-
SECTOR TOTAL	22,610	-	37,491	48,341	-	28,215
TOTAL, ALL SECTORS	147,566	107,546	395,226	64,798	6,287	113,578

Note: See note 1 on page II-0.

- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

TABLE 15 B (Continued)
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL DAY IN 2022
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	-	-	-	-	12,738
York Avenue	-	-	-	351	2,814
First Avenue	-	-	1,213	3,268	7,860
Second Avenue	-	-	47	12,940	12,940
Third Avenue	-	-	543	1,820	8,144
Lexington Avenue- IRT	-	-	17	52,475	52,475
Park Ave	-	-	166	37,056	41,132
Madison Avenue	-	-	341	4,021	8,253
Fifth Avenue	-	-	5	5	5
Sixth Avenue	-	-	1,164	1,164	1,164
Seventh Avenue	-	-	26	26	26
Broadway	-	-	58	48,838	50,397
Eighth Avenue	-	-	1,117	39,222	42,085
Columbus Avenue	-	-	66	66	66
Amsterdam Avenue	-	-	525	912	5,926
West End Avenue	-	-	61	341	2,960
West Side Highway	-	-	39	474	10,217
Hudson River Greenway	-	-	1,225	1,225	1,225
All Ferry Points	136	-	-	136	136
	-	-	-	-	-
SECTOR TOTAL	136	-	6,613	204,340	260,563
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	34,230	34,230
Williamsburg Bridge-BMT	-	-	1,310	17,286	28,109
Rutgers Tunnel-IND	-	-	-	14,478	14,478
Manhattan Bridge-BMT	-	-	1,073	57,745	67,588
Brooklyn Bridge	-	-	819	819	11,158
Cranberry Tunnel-IND	-	-	-	31,204	31,204
Clark Tunnel-IRT	-	-	-	15,403	15,403
Montague Tunnel-BMT	-	-	-	6,978	6,978
Joralemon Tunnel-IRT	-	-	-	18,702	18,702
Hugh L. Carey Tunnel	-	-	-	9,027	19,067
All Ferry Points	361	-	-	361	361
SECTOR TOTAL	361	-	3,202	206,233	247,278
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	18,433	18,433
Sixtieth St. Tunnel-BMT/IND	-	-	-	27,750	27,750
Ed Koch Queensboro Bridge-Tramway	-	1,011	1,080	5,965	21,944
Fifty-third St. Tunnel-IND	-	-	-	39,533	39,533
Steinway Tunnel-IRT	-	-	-	34,745	34,745
Queens Midtown Tunnel-IRT	-	-	-	754	12,463
Amtrak/LIRR Tunnels	-	-	-	48,038	48,038
All Ferry Points	533	-	-	533	533
SECTOR TOTAL	533	1,011	1,080	175,751	203,439
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	46,256	61,009
Amtrak/N.J. Transit Tunnels	-	-	-	28,215	28,215
Uptown PATH Tunnel	-	-	-	17,528	17,528
Holland Tunnel	-	-	-	2,085	9,942
Downtown PATH Tunnel	-	-	-	19,963	19,963
All Ferry Points	6,651	-	-	6,651	6,651
SECTOR TOTAL	6,651	-	-	120,698	143,308
Staten Island Ferry, Bicycle	8,440	-	96	8,536	8,536
TOTAL, ALL SECTORS	16,121	1,011	10,991	715,558	863,124

TABLE 15 C
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL DAY IN 2022
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	24 HOUR	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
		24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	82,945	-	-	-	-	-
York Avenue	15,105	-	-	-	1,335	-
First Avenue	27,744	-	-	5,050	2,114	-
Second Avenue	-	-	48,693	-	-	-
Third Avenue	35,275	-	-	134	4,925	-
Lexington Avenue- IRT	-	92,991	85,007	-	-	-
Park Ave	20,815	-	-	-	-	69,314
Madison Avenue	24,101	-	-	3,139	4,990	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	7,096	84,215	78,724	116	2,435	-
Eighth Avenue	14,335	88,372	40,448	-	548	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	23,160	-	-	-	1,830	-
West End Avenue	10,017	-	-	-	1,035	-
West Side Highway	61,373	-	-	-	-	2,019
Hudson River Greenway	-	-	-	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	321,966	265,578	252,872	8,439	19,212	71,333
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	93,324	-	-	-
Williamsburg Bridge-BMT	62,986	-	39,744	-	149	-
Rutgers Tunnel-IND	-	-	45,722	-	-	-
Manhattan Bridge-BMT	49,803	67,194	77,308	-	-	-
Brooklyn Bridge	70,047	-	-	-	-	-
Cranberry Tunnel-IND	-	-	78,653	-	-	-
Clark Tunnel-IRT	-	-	41,305	-	-	-
Montague Tunnel-BMT	-	-	16,295	-	-	-
Joralemon Tunnel-IRT	-	-	49,476	-	-	-
Hugh L. Carey Tunnel	37,662	-	-	15,638	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	220,498	67,194	441,827	15,638	149	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	50,940	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	72,018	-	-	-
Ed Koch Queensboro Bridge-Tramway	86,319	-	-	4,188	2,529	-
Fifty-third St. Tunnel-IND	-	-	100,040	-	-	-
Steinway Tunnel-IRT	-	-	89,242	-	-	-
Queens Midtown Tunnel-IRT	62,004	-	-	992	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	101,668
-	-	-	-	-	-	-
SECTOR TOTAL	148,323	-	312,240	5,180	2,529	101,668
NEW JERSEY SECTOR						
Lincoln Tunnel	65,520	-	-	119,401	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	61,493
Uptown PATH Tunnel	-	-	39,546	-	-	-
Holland Tunnel	52,700	-	-	6,021	-	-
Downtown PATH Tunnel	-	-	38,764	-	-	-
-	-	-	-	-	-	-
SECTOR TOTAL	118,220	-	78,310	125,422	-	61,493
TOTAL, ALL SECTORS	809,007	332,772	1,085,249	154,679	21,890	234,494

Note: See note 1 on page II-0.

- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

TABLE 15 C (Continued)
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL DAY IN 2022
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	-	-	-	-	82,945
York Avenue	-	-	-	1,335	16,440
First Avenue	-	-	4,236	11,400	39,144
Second Avenue	-	-	207	48,900	48,900
Third Avenue	-	-	2,398	7,457	42,732
Lexington Avenue- IRT	-	-	109	178,107	178,107
Park Ave	-	-	1,065	70,379	91,194
Madison Avenue	-	-	1,674	9,803	33,904
Fifth Avenue	-	-	69	69	69
Sixth Avenue	-	-	4,630	4,630	4,630
Seventh Avenue	-	-	124	124	124
Broadway	-	-	218	165,708	172,804
Eighth Avenue	-	-	4,681	134,049	148,384
Columbus Avenue	-	-	336	336	336
Amsterdam Avenue	-	-	2,101	3,931	27,091
West End Avenue	-	-	232	1,267	11,284
West Side Highway	-	-	133	2,152	63,525
Hudson River Greenway	-	-	3,494	3,494	3,494
All Ferry Points	1,026	-	-	1,026	1,026
SECTOR TOTAL	1,026	-	25,707	644,167	966,133
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	93,324	93,324
Williamsburg Bridge-BMT	-	-	4,105	43,998	106,984
Rutgers Tunnel-IND	-	-	-	45,722	45,722
Manhattan Bridge-BMT	-	-	3,330	147,832	197,635
Brooklyn Bridge	-	-	2,325	2,325	72,372
Cranberry Tunnel-IND	-	-	-	78,653	78,653
Clark Tunnel-IRT	-	-	-	41,305	41,305
Montague Tunnel-BMT	-	-	-	16,295	16,295
Joralemon Tunnel-IRT	-	-	-	49,476	49,476
Hugh L. Carey Tunnel	-	-	-	15,638	53,300
All Ferry Points	1,724	-	-	1,724	1,724
SECTOR TOTAL	1,724	-	9,760	536,292	756,790
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	50,940	50,940
Sixtieth St. Tunnel-BMT/IND	-	-	-	72,018	72,018
Ed Koch Queensboro Bridge-Tramway	-	2,922	3,639	13,278	99,597
Fifty-third St. Tunnel-IND	-	-	-	100,040	100,040
Steinway Tunnel-IRT	-	-	-	89,242	89,242
Queens Midtown Tunnel-IRT	-	-	-	992	62,996
Amtrak/LIRR Tunnels	-	-	-	101,668	101,668
All Ferry Points	3,592	-	-	3,592	3,592
SECTOR TOTAL	3,592	2,922	3,639	431,770	580,093
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	119,401	184,921
Amtrak/N.J. Transit Tunnels	-	-	-	61,493	61,493
Uptown PATH Tunnel	-	-	-	39,546	39,546
Holland Tunnel	-	-	-	6,021	58,721
Downtown PATH Tunnel	-	-	-	38,764	38,764
All Ferry Points	11,937	-	-	11,937	11,937
SECTOR TOTAL	11,937	-	-	277,162	395,382
Staten Island Ferry, Bicycle	21,924	-	300	22,224	22,224
TOTAL, ALL SECTORS	40,203	2,922	39,406	1,911,615	2,720,622

TABLE 16
WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2022

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	4,392	13,714	84,023	-	-	-	4,392	13,714	84,023
YORK AVENUE	402	1,166	8,989	9	22	101	411	1,188	9,090
SECOND AVENUE	1,573	4,522	34,603	20	66	300	1,593	4,588	34,903
ED KOCH QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LEXINGTON AVENUE	728	2,013	14,320	25	75	378	753	2,088	14,698
PARK AVENUE	947	2,573	14,073	-	-	-	947	2,573	14,073
FIFTH AVENUE	1,109	3,042	17,169	70	196	711	1,179	3,238	17,880
CENTRAL PARK DRIVE AND 7TH AVENUE *	-	-	-	-	-	-	-	-	-
BROADWAY	777	2,002	12,838	30	75	428	807	2,077	13,266
COLUMBUS AVENUE	809	2,384	14,583	6	18	95	815	2,402	14,678
WEST END AVENUE	797	2,049	11,845	6	14	81	803	2,063	11,926
WEST SIDE HIGHWAY	4,315	12,561	60,661	-	-	-	4,315	12,561	60,661
SECTOR TOTAL	15,849	46,026	273,104	166	466	2,094	16,015	46,492	275,198
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,172	6,573	43,989	2	6	27	2,174	6,579	44,016
MANHATTAN BRIDGE	2,506	7,355	37,174	-	-	-	2,506	7,355	37,174
BROOKLYN BRIDGE	2,885	8,584	56,586	-	-	-	2,885	8,584	56,586
HUGH L. CAREY TUNNEL	2,987	8,795	34,220	148	362	675	3,135	9,157	34,895
SECTOR TOTAL	10,550	31,307	171,969	150	368	702	10,700	31,675	172,671
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,448	10,523	49,530	107	274	421	3,555	10,797	49,951
ED KOCH QUEENSBORO BRIDGE	2,476	7,533	45,330	10	31	176	2,486	7,564	45,506
SECTOR TOTAL	5,924	18,056	94,860	117	305	597	6,041	18,361	95,457
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,606	7,834	41,543	19	45	167	2,625	7,879	41,710
LINCOLN TUNNEL	3,833	11,163	51,862	565	1,493	5,193	4,398	12,656	57,055
SECTOR TOTAL	6,439	18,997	93,405	584	1,538	5,360	7,023	20,535	98,765
TOTAL, ALL SECTORS	38,762	114,386	633,338	1,017	2,677	8,753	39,779	117,063	642,091

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

- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

- 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 2022

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	3,229	9,975	67,497	-	-	-	3,229	9,975	67,497
YORK AVENUE	543	1,658	10,352	7	20	101	550	1,678	10,453
FIRST AVENUE	1,202	3,564	22,381	19	53	286	1,221	3,617	22,667
ED KOCH QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
THIRD AVENUE	1,307	3,912	23,917	22	69	364	1,329	3,981	24,281
PARK AVENUE	871	2,582	13,678	-	-	-	871	2,582	13,678
MADISON AVENUE	835	2,597	16,529	89	219	676	924	2,816	17,205
CENTRAL PARK DRIVE FROM 6TH AVENUE *	-	-	-	-	-	-	-	-	-
CENTRAL PARK WEST	508	1,528	8,095	8	26	121	516	1,554	8,216
BROADWAY	424	1,205	5,384	22	59	309	446	1,264	5,693
AMSTERDAM AVENUE	1,222	3,493	17,465	4	15	87	1,226	3,508	17,552
WEST END AVENUE	642	1,793	6,968	6	18	85	648	1,811	7,053
WEST SIDE HIGHWAY	2,504	8,255	52,711	-	-	-	2,504	8,255	52,711
SECTOR TOTAL	13,287	40,562	244,977	177	479	2,029	13,464	41,041	247,006
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,803	8,298	48,476	2	6	28	2,805	8,304	48,504
MANHATTAN BRIDGE	2,268	6,612	33,594	-	-	-	2,268	6,612	33,594
BROOKLYN BRIDGE	2,612	7,628	50,446	-	-	-	2,612	7,628	50,446
HUGH L. CAREY TUNNEL	2,850	8,609	32,298	151	364	683	3,001	8,973	32,981
SECTOR TOTAL	10,533	31,147	164,814	153	370	711	10,686	31,517	165,525
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,506	7,456	40,003	17	38	57	2,523	7,494	40,060
ED KOCH QUEENSBORO BRIDGE	4,583	13,437	69,533	91	228	502	4,674	13,665	70,035
SECTOR TOTAL	7,089	20,893	109,536	108	266	559	7,197	21,159	110,095
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,166	6,386	41,243	29	54	262	2,195	6,440	41,505
LINCOLN TUNNEL	3,939	11,628	52,341	477	1,216	4,910	4,416	12,844	57,251
SECTOR TOTAL	6,105	18,014	93,584	506	1,270	5,172	6,611	19,284	98,756
TOTAL, ALL SECTORS	37,014	110,616	612,911	944	2,385	8,471	37,958	113,001	621,382

Notes:

- See note 1 on page II-0.
- Beginning from 2021, vehicles that use the northern Queensboro bridge upper ramp were excluded as these are not entering the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.
- 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 2022

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	231	462	1,555	-	-	-	231	462	1,555
SECOND AVENUE	117	316	2,114	622	1,701	4,932	739	2,017	7,046
LEXINGTON AVENUE	378	986	4,167	92	282	616	470	1,268	4,783
FIFTH AVENUE	779	1,685	4,610	505	1,821	4,765	1,284	3,506	9,375
BROADWAY	308	695	2,734	28	90	279	336	785	3,013
COLUMBUS AVENUE	140	402	1,284	-	-	-	140	402	1,284
WEST END AVENUE	177	329	1,151	-	-	-	177	329	1,151
SECTOR TOTAL	2,130	4,875	17,615	1,247	3,894	10,592	3,377	8,769	28,207
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	4	17	179	-	-	-	4	17	179
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
HUGH L. CAREY TUNNEL	-	-	-	3,246	8,999	16,212	3,246	8,999	16,212
SECTOR TOTAL	4	17	179	3,246	8,999	16,212	3,250	9,016	16,391
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	1,667	4,817	7,035	1,667	4,817	7,035
ED KOCH QUEENSBORO BRIDGE	161	441	1,615	-	-	-	161	441	1,615
SECTOR TOTAL	161	441	1,615	1,667	4,817	7,035	1,828	5,258	8,650
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	777	1,779	4,731	777	1,779	4,731
LINCOLN TUNNEL	-	-	-	23,109	57,632	143,896	23,109	57,632	143,896
SECTOR TOTAL	-	-	-	23,886	59,411	148,627	23,886	59,411	148,627
TOTAL, ALL SECTORS	2,295	5,333	19,409	30,046	77,121	182,466	32,341	82,454	201,875

- 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 2022

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	126	351	1,335	-	-	-	126	351	1,335
FIRST AVENUE	126	450	2,114	606	1,605	5,050	732	2,055	7,164
THIRD AVENUE	458	1,225	4,925	19	52	134	477	1,277	5,059
MADISON AVENUE	692	1,763	4,990	808	1,917	3,139	1,500	3,680	8,129
CENTRAL PARK WEST	66	164	548	-	-	-	66	164	548
BROADWAY	230	805	2,435	27	67	116	257	872	2,551
AMSTERDAM AVENUE	120	387	1,830	-	-	-	120	387	1,830
WEST END AVENUE	103	280	1,035	-	-	-	103	280	1,035
SECTOR TOTAL	1,921	5,425	19,212	1,460	3,641	8,439	3,381	9,066	27,651
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	9	23	149	-	-	-	9	23	149
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
HUGH L. CAREY TUNNEL	-	-	-	3,876	9,027	15,638	3,876	9,027	15,638
SECTOR TOTAL	9	23	149	3,876	9,027	15,638	3,885	9,050	15,787
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	361	754	992	361	754	992
ED KOCH QUEENSBORO BRIDGE	284	839	2,529	1,311	3,035	4,188	1,595	3,874	6,717
SECTOR TOTAL	284	839	2,529	1,672	3,789	5,180	1,956	4,628	7,709
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	1,161	2,085	6,021	1,161	2,085	6,021
LINCOLN TUNNEL	-	-	-	19,374	46,256	119,401	19,374	46,256	119,401
SECTOR TOTAL	-	-	-	20,535	48,341	125,422	20,535	48,341	125,422
TOTAL, ALL SECTORS	2,214	6,287	21,890	27,543	64,798	154,679	29,757	71,085	176,569

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.

APPENDIX II- Summary Tables - 2022

TABLE 20
LEVEL OF COMFORT (1) AND FREQUENCY OF SERVICE (2)
FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2021 AND 2022
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	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
60TH STREET SECTOR														
SECOND AVE LOCAL (3)	9	9	72	72	31,680	31,680	5,072	7,054	70	98	6.2	4.5	6.7	6.7
LEXINGTON AVE EXPRESS	22	21	220	210	96,800	92,400	10,935	10,672	50	51	8.9	8.7	2.7	2.9
LEXINGTON AVE LOCAL	19	18	190	180	83,600	79,200	7,038	9,267	37	51	11.9	8.5	3.2	3.3
EIGHTH AVE EXPRESS	16	17	128	136	96,000	102,000	11,166	12,371	87	91	8.6	8.2	3.8	3.5
EIGHTH AVE LOCAL	11	12	88	96	59,576	64,992	5,118	5,358	58	56	11.6	12.1	5.5	5.0
BROADWAY/7TH AVE EXPRESS	23	21	230	210	101,200	92,400	10,720	13,446	47	64	9.4	6.9	2.6	2.9
BROADWAY/7TH AVE LOCAL	16	19	160	190	70,400	83,600	5,900	10,461	37	55	11.9	8.0	3.8	3.2
MTA/AMTRAK TUN.	33	47	267	326	160,734	196,252	12,913	19,473	48	60	12.4	10.1	1.8	1.3
BUSES	-	-	163	166	53,020	53,980	2,345	3,377	14	20	22.6	16.0	-	-
SECTOR AVERAGE	149	164	1,518	1,586	753,010	796,504	71,207	91,479	50	61	10.6	8.7	3.7	3.6
BROOKLYN SECTOR														
14TH ST. TUNNEL	17	19	136	152	81,872	91,504	10,743	15,062	79	99	7.6	6.1	3.5	3.2
WILLIAMSBURG BRIDGE	21	20	168	160	101,136	96,320	7,722	9,264	46	58	13.1	10.4	2.9	3.0
RUTGERS ST. TUNNEL	9	12	90	120	64,170	85,560	4,505	6,491	50	54	14.2	13.2	6.7	5.0
MANHATTAN BRIDGE	35	38	280	304	186,760	202,768	18,783	27,403	67	90	9.9	7.4	1.7	1.6
CRANBERRY ST. TUNNEL	19	23	152	184	105,488	127,696	10,152	15,013	67	82	10.4	8.5	3.2	2.6
CLARK ST. TUNNEL	16	15	160	150	70,400	66,000	6,031	7,829	38	52	11.7	8.4	3.8	4.0
MONTAGUE ST. TUNNEL	10	10	100	100	60,200	60,200	1,785	3,203	18	32	33.7	18.8	6.0	6.0
JORALEMON ST. TUNNEL	22	22	220	220	96,800	96,800	7,570	9,137	34	42	12.8	10.6	2.7	2.7
BUSES	-	-	149	150	48,160	48,460	2,325	3,250	16	22	20.7	14.9	-	-
SECTOR AVERAGE	149	159	1,455	1,540	814,986	875,308	69,616	96,652	46	59	11.7	9.1	3.8	3.5
QUEENS SECTOR														
60TH STREET TUNNEL	20	26	178	228	107,156	137,256	12,825	18,556	72	81	8.4	7.4	3.0	2.3
53RD STREET TUNNEL	21	18	196	166	117,992	99,932	12,003	14,582	61	88	9.8	6.9	2.9	3.3
STEINWAY TUNNEL	26	29	286	319	125,840	140,360	10,592	15,678	37	49	11.9	9.0	2.3	2.1
63RD STREET TUNNEL	13	11	130	110	92,690	78,430	7,549	7,965	58	72	12.3	9.8	4.6	5.5
LIRR/AMTRAK TUNNELS	27	38	273	347	164,346	208,894	10,697	25,223	39	73	15.4	8.3	2.2	1.6
BUSES	-	-	117	117	39,480	39,480	1,307	1,828	11	16	30.2	21.6	-	-
SECTOR AVERAGE	107	122	1,180	1,287	647,504	704,352	54,973	83,832	46	63	11.8	8.4	3.0	2.9
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	23	22	174	166	64,032	61,088	6,615	11,068	38	67	9.7	5.5	2.6	2.7
PATH UPTOWN TUNNEL	21	21	147	147	54,096	54,096	6,382	9,542	43	65	8.5	5.7	2.9	2.9
N.J. TRANSIT/AMTRAK TUNNEL	20	21	178	191	107,156	114,982	8,138	10,095	46	53	13.2	11.4	3.0	2.9
BUSES	-	-	560	584	179,200	186,880	14,463	23,886	26	41	12.4	7.8	-	-
SECTOR AVERAGE	64	64	1,059	1,088	404,484	417,046	35,598	54,591	38	56	11.4	7.6	2.8	2.8
STATEN ISLAND FERRY (4)	4	4	4	4	80,000	80,000	2,186	2,647	547	662	36.6	30.2	15.0	15.0
ROOSEVELT ISLAND TRAMWAY (4)	8	8	8	8	2,075	2,075	301	301	38	38	6.9	6.9	7.5	7.5
TOTAL/AVERAGE, ALL SECTORS	481	521	5,224	5,513	2,702,059	2,875,285	233,881	329,502	45	60	11.6	8.7	3.3	3.2

Notes: - See note 1 on page II-6.

(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 2020, 2021, AND 2022

HOURS	2020			2021			2022		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	13,979	24,710	38,689	19,517	38,681	58,198	21,676	43,801	65,477
1:00am	8,651	11,888	20,539	11,092	23,079	34,171	12,438	23,692	36,130
2:00am	7,439	7,503	14,942	8,522	13,098	21,620	9,327	12,816	22,143
3:00am	8,206	7,318	15,524	7,598	9,488	17,086	9,580	10,019	19,599
4:00am	13,645	9,203	22,848	16,338	12,515	28,853	20,081	13,337	33,418
5:00am	64,500	24,738	89,238	69,043	30,573	99,616	74,440	30,721	105,161
6:00am	135,153	62,458	197,611	156,187	70,655	226,842	174,665	72,375	247,040
7:00am	160,088	84,610	244,698	245,333	110,752	356,085	289,984	112,242	402,226
8:00am	166,395	86,359	252,754	288,520	114,654	403,174	385,538	123,581	509,119
9:00am	118,388	64,262	182,650	180,922	89,619	270,541	244,601	98,593	343,194
10:00am	89,492	62,006	151,498	121,195	76,763	197,958	149,615	82,498	232,113
11:00am	77,606	63,142	140,748	103,621	77,161	180,782	123,937	82,434	206,371
12:00pm	74,577	67,896	142,473	96,976	85,848	182,824	112,941	94,219	207,160
1:00pm	80,988	78,147	159,135	102,571	97,394	199,965	115,180	107,045	222,225
2:00pm	89,011	101,656	190,667	117,130	120,279	237,409	121,335	133,316	254,651
3:00pm	97,164	134,306	231,470	128,761	175,279	304,040	141,144	192,714	333,858
4:00pm	98,723	159,412	258,135	135,097	213,067	348,164	149,822	252,648	402,470
5:00pm	95,574	173,178	268,752	141,404	256,771	398,175	158,791	334,040	492,831
6:00pm	80,247	147,441	227,688	123,711	220,125	343,836	135,179	276,436	411,615
7:00pm	61,880	103,226	165,106	90,602	152,505	243,107	96,283	186,888	283,171
8:00pm	46,510	73,907	120,417	63,676	117,782	181,458	68,859	137,839	206,698
9:00pm	39,120	57,120	96,240	53,246	93,769	147,015	61,429	111,275	172,704
10:00pm	35,660	50,061	85,721	49,852	86,861	136,713	60,953	107,110	168,063
11:00pm	25,308	45,203	70,511	34,503	68,817	103,320	38,587	80,983	119,570
TOTAL	1,688,304	1,699,750	3,388,054	2,365,417	2,355,535	4,720,952	2,776,385	2,720,622	5,497,007

Note: See note 1 on page II-0.

TABLE 21B
ACCUMULATION OF PERSONS ENTERING AND LEAVING THE HUB
AT PEAK HOUR, 1992-2022

YEAR	TOTAL ACCUMULATION	AT
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
2022	848,495	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 2020, 2021, AND 2022

HOURS	2020			2021			2022			TOTAL
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND		
12:00am	3,751	9,244	12,995	6,505	19,254	25,759	5,855	21,752		27,607
1:00am	1,318	2,993	4,311	3,389	11,148	14,537	2,869	10,581		13,450
2:00am	709	461	1,170	2,854	4,869	7,723	2,220	4,190		6,410
3:00am	695	570	1,265	1,975	2,220	4,195	2,206	2,486		4,692
4:00am	2,115	498	2,613	6,821	2,482	9,303	7,793	2,846		10,639
5:00am	36,323	9,529	45,852	41,956	11,724	53,680	45,448	11,689		57,137
6:00am	90,487	33,394	123,881	115,262	39,803	155,065	130,040	41,259		171,299
7:00am	109,293	47,322	156,615	196,655	71,721	268,376	239,034	75,277		314,311
8:00am	112,314	47,017	159,331	236,670	74,462	311,132	332,861	86,492		419,353
9:00am	70,766	29,526	100,292	132,664	51,020	183,684	194,992	63,959		258,951
10:00am	48,212	23,656	71,868	78,590	38,226	116,816	103,253	47,081		150,334
11:00am	38,065	24,188	62,253	62,642	37,730	100,372	81,279	45,031		126,310
12:00pm	35,877	27,105	62,982	56,748	44,930	101,678	70,290	53,610		123,900
1:00pm	41,035	35,009	76,044	61,334	53,747	115,081	73,788	63,607		137,395
2:00pm	46,816	51,360	98,176	74,342	71,115	145,457	78,698	86,565		165,263
3:00pm	54,707	79,567	134,274	86,486	123,046	209,532	98,147	141,497		239,644
4:00pm	57,718	102,295	160,013	92,888	160,413	253,301	106,531	199,183		305,714
5:00pm	54,403	114,383	168,786	98,533	203,393	301,926	113,884	280,488		394,372
6:00pm	40,720	90,000	130,720	81,165	168,046	249,211	90,229	224,992		315,221
7:00pm	26,358	56,081	82,439	51,235	103,611	154,846	54,994	137,098		192,092
8:00pm	16,297	36,476	52,773	29,499	74,324	103,823	33,041	92,462		125,503
9:00pm	13,247	25,337	38,584	22,129	53,289	75,418	27,048	68,677		95,725
10:00pm	12,630	21,529	34,159	21,507	48,876	70,383	28,017	66,470		94,487
11:00pm	7,672	19,784	27,456	11,580	35,742	47,322	13,044	45,217		58,261
TOTAL	921,528	887,324	1,808,852	1,573,429	1,505,191	3,078,620	1,935,561	1,872,509		3,808,070

Note: See note 1 on page II-0.

TABLE 22B
ACCUMULATION OF PASSENGERS ENTERING AND LEAVING THE HUB
BY PUBLIC TRANSPORTATION, AT PEAK HOUR, 1992-2022

YEAR	TOTAL ACCUMULATION	AT
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
2022	758,626	2:00pm

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 2020, 2021, AND 2022

HOURS	2020			2021			2022			TOTAL
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND		
12:00am	7,970	11,639	19,609	10,088	14,476	24,564	12,356	16,560	28,916	
1:00am	5,783	6,760	12,543	5,988	8,904	14,892	7,477	9,913	17,390	
2:00am	5,365	5,413	10,778	4,423	6,153	10,576	5,572	6,510	12,082	
3:00am	6,015	5,209	11,224	4,361	5,425	9,786	5,816	5,678	11,494	
4:00am	9,208	6,730	15,938	7,362	7,494	14,856	9,718	7,902	17,620	
5:00am	23,123	11,559	34,682	21,159	14,092	35,251	23,724	14,545	38,269	
6:00am	36,584	21,895	58,479	33,049	22,780	55,829	36,118	23,083	59,201	
7:00am	39,703	27,604	67,307	37,875	28,628	66,503	38,852	27,073	65,925	
8:00am	40,684	28,741	69,425	38,587	29,191	67,778	38,762	26,925	65,687	
9:00am	35,810	25,123	60,933	36,385	27,900	64,285	36,772	25,007	61,779	
10:00am	30,853	28,154	59,007	32,325	28,210	60,535	34,362	25,858	60,220	
11:00am	29,302	28,514	57,816	30,908	29,011	59,919	31,534	27,066	58,600	
12:00pm	28,279	29,508	57,787	29,733	29,752	59,485	31,280	29,130	60,410	
1:00pm	29,488	31,762	61,250	30,619	32,078	62,697	30,711	31,846	62,557	
2:00pm	31,318	36,584	67,902	31,847	35,839	67,686	31,736	34,280	66,016	
3:00pm	31,858	40,090	71,948	32,033	38,561	70,594	32,586	37,566	70,152	
4:00pm	30,298	40,653	70,951	31,254	37,745	68,999	31,970	37,822	69,792	
5:00pm	29,554	40,732	70,286	30,664	37,234	67,898	32,639	37,014	69,653	
6:00pm	28,759	39,331	68,090	31,189	35,971	67,160	33,259	35,780	69,039	
7:00pm	26,441	32,944	59,385	29,224	34,380	63,604	30,880	34,752	65,632	
8:00pm	22,586	26,729	49,315	25,522	31,087	56,609	26,681	32,425	59,106	
9:00pm	19,536	22,595	42,131	23,538	29,056	52,594	25,985	30,537	56,522	
10:00pm	17,567	20,406	37,973	21,638	27,513	49,151	25,036	29,495	54,531	
11:00pm	13,476	18,458	31,934	17,530	24,136	41,666	19,512	26,144	45,656	
TOTAL	579,560	587,133	1,166,693	597,301	615,616	1,212,917	633,338	612,911	1,246,249	

Note: See note 1 on page II-0.

TABLE 23B
ACCUMULATION OF MOTOR VEHICLES ENTERING AND LEAVING THE HUB
AT PEAK HOUR, 1992-2022

YEAR	TOTAL ACCUMULATION	AT
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
2022	66,539	1:00pm

Notes:

- See notes 1 and 2 on page II-0.
- The 2022 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 compared to pre-pandemic counts.

TABLE 24
TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2022

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	15,745	4,321	393	1,074	66	1	76	21,676
1:00am	9,519	2,015	215	578	61	0	50	12,438
2:00am	7,074	1,559	175	430	56	0	33	9,327
3:00am	7,343	1,645	366	136	59	0	31	9,580
4:00am	12,216	5,405	1,486	717	185	0	72	20,081
5:00am	28,715	28,366	10,253	5,611	1,209	9	277	74,440
6:00am	43,331	85,372	22,496	19,365	2,750	57	1,294	174,665
7:00am	48,705	159,667	34,111	39,176	5,850	230	2,245	289,984
8:00am	49,480	239,422	32,341	54,791	6,001	306	3,197	385,538
9:00am	46,913	149,411	16,002	26,450	2,894	235	2,696	244,601
10:00am	43,863	81,819	8,074	11,461	1,752	147	2,499	149,615
11:00am	40,158	64,428	6,501	8,425	1,753	172	2,500	123,937
12:00pm	40,300	55,282	5,922	7,185	1,745	156	2,351	112,941
1:00pm	39,151	58,567	7,249	6,091	1,721	160	2,241	115,180
2:00pm	40,463	64,100	7,322	5,347	1,728	201	2,174	121,335
3:00pm	40,895	78,499	9,405	7,187	2,854	202	2,102	141,144
4:00pm	40,918	85,946	9,733	8,045	2,655	152	2,373	149,822
5:00pm	42,100	92,949	9,535	8,704	2,509	187	2,807	158,791
6:00pm	42,020	72,617	7,666	7,874	1,931	141	2,930	135,179
7:00pm	38,825	42,808	4,843	5,831	1,393	119	2,464	96,283
8:00pm	33,992	26,639	2,679	3,004	667	52	1,826	68,859
9:00pm	33,103	20,899	2,426	3,260	429	34	1,278	61,429
10:00pm	31,975	23,399	1,829	2,511	244	34	961	60,953
11:00pm	24,938	10,376	853	1,669	133	13	605	38,587
TOTAL	801,742	1,455,511	201,875	234,922	40,645	2,608	39,082	2,776,385

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

(1) Excludes Staten Island Ferry bicyclists.

TABLE 25
TOTAL PERSONS LEAVING THE HUB BY HOUR AND MODE IN 2022

II - 25

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	21,742	17,410	1,688	2,306	340	8	307	43,801
1:00am	12,963	8,631	581	1,170	194	5	148	23,692
2:00am	8,526	3,460	448	194	88	0	100	12,816
3:00am	7,463	1,906	150	361	69	0	70	10,019
4:00am	10,449	2,386	121	254	85	0	42	13,337
5:00am	18,963	9,383	808	1,330	164	4	69	30,721
6:00am	30,492	34,444	3,254	2,832	700	29	624	72,375
7:00am	36,004	61,918	6,318	5,624	1,373	44	961	112,242
8:00am	35,883	69,963	9,051	5,294	2,108	76	1,206	123,581
9:00am	33,418	49,001	8,486	4,539	1,846	87	1,216	98,593
10:00am	34,235	36,307	5,235	3,813	1,565	161	1,182	82,498
11:00am	35,658	35,220	4,064	4,134	1,483	130	1,745	82,434
12:00pm	38,536	42,187	4,728	4,852	1,684	159	2,073	94,219
1:00pm	41,285	49,648	5,626	6,422	1,752	159	2,153	107,045
2:00pm	44,614	66,879	6,868	10,548	2,037	233	2,137	133,316
3:00pm	48,841	105,380	12,874	20,084	2,903	256	2,376	192,714
4:00pm	50,517	141,818	20,869	31,228	4,966	302	2,948	252,648
5:00pm	49,602	195,137	29,757	48,882	6,354	358	3,950	334,040
6:00pm	47,447	165,817	20,459	33,468	4,897	351	3,997	276,436
7:00pm	46,223	105,662	13,377	15,475	2,348	236	3,567	186,888
8:00pm	42,661	70,096	8,580	12,436	1,204	146	2,716	137,839
9:00pm	40,269	54,463	5,602	7,469	1,066	77	2,329	111,275
10:00pm	38,796	54,315	4,385	6,898	792	80	1,844	107,110
11:00pm	34,420	36,590	3,240	4,881	485	21	1,346	80,983
TOTAL	809,007	1,418,021	176,569	234,494	40,503	2,922	39,106	2,720,622

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

(1) Excludes Staten Island Ferry bicyclists.

TABLE 26
TOTAL PERSONS ENTERING THE HUB BY HOUR AND SECTOR IN 2022

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	9,979	6,333	3,213	2,099	51	1	21,676
1:00am	5,485	3,835	1,553	1,504	61	0	12,438
2:00am	3,800	2,823	1,605	1,043	56	0	9,327
3:00am	3,701	2,585	1,896	1,339	59	0	9,580
4:00am	6,324	5,613	4,675	3,284	185	0	20,081
5:00am	22,554	17,655	16,592	16,859	771	9	74,440
6:00am	48,906	45,907	44,693	33,196	1,906	57	174,665
7:00am	85,408	77,320	69,629	54,106	3,291	230	289,984
8:00am	113,953	110,331	91,846	66,455	2,647	306	385,538
9:00am	77,364	70,636	53,577	41,612	1,177	235	244,601
10:00am	50,323	44,331	32,460	21,266	1,088	147	149,615
11:00am	46,316	34,135	25,233	16,951	1,130	172	123,937
12:00pm	44,539	31,202	20,606	15,285	1,153	156	112,941
1:00pm	45,961	31,901	20,747	15,197	1,214	160	115,180
2:00pm	50,090	33,636	21,789	14,558	1,061	201	121,335
3:00pm	58,841	36,570	26,511	17,188	1,832	202	141,144
4:00pm	65,818	36,416	26,204	19,934	1,298	152	149,822
5:00pm	70,283	39,659	26,236	21,528	898	187	158,791
6:00pm	57,972	35,575	22,218	18,388	885	141	135,179
7:00pm	42,504	24,581	16,125	12,532	422	119	96,283
8:00pm	32,116	18,175	9,885	8,209	422	52	68,859
9:00pm	27,343	16,404	8,741	8,593	314	34	61,429
10:00pm	24,963	20,867	7,924	6,935	230	34	60,953
11:00pm	17,537	11,486	5,495	3,923	133	13	38,587
TOTAL	1,012,080	757,976	559,453	421,984	22,284	2,608	2,776,385

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 2022

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	14,705	13,444	10,348	4,973	323	8	43,801
1:00am	9,038	6,200	5,080	3,175	194	5	23,692
2:00am	4,610	3,318	3,026	1,774	88	0	12,816
3:00am	3,636	2,457	2,332	1,525	69	0	10,019
4:00am	4,807	3,392	3,159	1,894	85	0	13,337
5:00am	11,169	9,661	6,400	3,323	164	4	30,721
6:00am	31,860	18,931	13,336	7,707	512	29	72,375
7:00am	53,279	28,242	17,386	12,866	425	44	112,242
8:00am	56,693	31,125	18,402	16,796	489	76	123,581
9:00am	43,669	24,850	13,934	15,688	365	87	98,593
10:00am	36,508	21,277	12,836	10,998	718	161	82,498
11:00am	34,351	22,173	14,497	10,318	965	130	82,434
12:00pm	37,855	25,172	17,722	12,132	1,179	159	94,219
1:00pm	41,541	28,706	21,096	14,362	1,181	159	107,045
2:00pm	48,191	36,851	29,289	17,354	1,398	233	133,316
3:00pm	66,717	50,776	46,131	27,018	1,816	256	192,714
4:00pm	77,241	70,984	59,760	41,357	3,004	302	252,648
5:00pm	99,855	91,195	82,402	56,899	3,331	358	334,040
6:00pm	83,467	85,099	60,266	45,052	2,201	351	276,436
7:00pm	59,374	56,941	40,718	28,392	1,227	236	186,888
8:00pm	43,381	40,274	31,836	21,441	761	146	137,839
9:00pm	38,560	32,060	23,835	16,031	712	77	111,275
10:00pm	37,709	30,937	24,116	13,736	532	80	107,110
11:00pm	27,917	22,725	19,264	10,571	485	21	80,983
TOTAL	966,133	756,790	577,171	395,382	22,224	2,922	2,720,622

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

(1) Excludes Roosevelt Island passengers.

Appendix III

Hourly Detail Tables - 2022

Note:

The 2022 Hub Bound survey data show that changes in travel behavior due to the Covid-19 Pandemic remain. However, there has been continuous and steady increase in travel since 2020.

APPENDIX III- Hourly Detail Tables - 2022

SECTION A
BUS TRANSIT BY SECTOR
SUMMARY, 2022-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	33	83	1	2	3	7	35	301	72	393
1:00am	11	17	1	4	2	3	23	191	37	215
2:00am	8	18	1	3	0	0	14	154	23	175
3:00am	9	32	1	11	0	0	19	323	29	366
4:00am	17	102	6	149	0	0	37	1,235	60	1,486
5:00am	68	783	53	1,410	3	53	246	7,995	370	10,241
6:00am	147	2,263	107	3,044	65	1,604	454	15,527	773	22,438
7:00am	185	3,423	161	4,500	138	2,826	577	23,311	1,061	34,060
8:00am	166	3,374	150	3,250	117	1,775	584	23,886	1,017	32,285
9:00am	115	1,964	57	1,266	50	537	377	12,214	599	15,981
10:00am	102	1,416	25	470	25	210	208	5,948	360	8,044
11:00am	101	1,273	17	322	20	160	165	4,719	303	6,474
12:00pm	104	1,423	18	355	19	142	160	3,968	301	5,888
1:00pm	110	1,524	18	342	17	153	202	5,192	347	7,211
2:00pm	109	1,539	17	335	20	140	209	5,266	355	7,280
3:00pm	127	2,008	16	335	18	122	314	6,908	475	9,373
4:00pm	128	1,750	14	207	20	120	406	7,633	568	9,710
5:00pm	114	1,663	12	130	21	135	368	7,581	515	9,509
6:00pm	97	1,229	10	76	18	69	300	6,270	425	7,644
7:00pm	88	785	5	50	12	40	228	3,967	333	4,842
8:00pm	79	548	5	45	14	30	145	2,045	243	2,668
9:00pm	66	394	3	48	7	27	120	1,957	196	2,426
10:00pm	59	354	3	31	5	19	104	1,425	171	1,829
11:00pm	51	229	1	6	3	7	65	611	120	853
TOTAL	2,094	28,194	702	16,391	597	8,650	5,360	148,627	8,753	201,862

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, 2022-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	43	243	15	329	7	101	43	1,015	108	1,688
1:00am	23	56	6	106	1	4	27	415	57	581
2:00am	9	20	1	8	0	0	14	420	24	448
3:00am	8	19	1	9	0	0	9	122	18	150
4:00am	11	34	1	7	1	2	13	78	26	121
5:00am	23	124	1	7	2	5	110	672	136	808
6:00am	58	613	1	20	5	25	292	2,596	356	3,254
7:00am	100	1,633	4	84	7	54	421	4,547	532	6,318
8:00am	115	1,642	5	103	16	93	522	7,213	658	9,051
9:00am	129	1,222	9	111	18	78	445	7,075	601	8,486
10:00am	108	1,030	7	69	19	90	258	4,046	392	5,235
11:00am	104	1,177	14	162	19	115	157	2,610	294	4,064
12:00pm	101	1,141	15	269	20	167	148	3,151	284	4,728
1:00pm	107	1,344	16	332	20	197	150	3,753	293	5,626
2:00pm	97	1,470	31	725	20	283	152	4,390	300	6,868
3:00pm	126	2,124	64	1,588	25	463	259	8,699	474	12,874
4:00pm	142	2,767	103	2,799	67	1,280	377	14,023	689	20,869
5:00pm	177	3,381	153	3,885	108	1,956	506	20,535	944	29,757
6:00pm	160	2,918	114	2,366	91	1,392	387	13,783	752	20,459
7:00pm	126	1,887	56	981	55	706	305	9,803	542	13,377
8:00pm	102	1,222	35	646	23	310	224	6,402	384	8,580
9:00pm	62	673	23	466	15	174	153	4,289	253	5,602
10:00pm	52	566	21	383	10	112	110	3,324	193	4,385
11:00pm	46	345	15	332	10	102	90	2,461	161	3,240
TOTAL	2,029	27,651	711	15,787	559	7,709	5,172	125,422	8,471	176,569

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, 2022-INBOUND

HOURS	YORK AVENUE		SECOND AVE						LEXINGTON AVENUE						FIFTH AVENUE							
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		TOTAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		MTA BUS CO.		WC DOT *			
	BUSES	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS		
III 12:00 am	2	7	3	12	0	0	3	12	8	24	0	0	8	24	3	12	2	2	0	0	5	14
	1	1	2	4	0	0	2	4	3	8	0	0	3	8	1	1	0	0	0	0	1	1
	0	0	2	5	0	0	2	5	3	8	0	0	3	8	1	1	0	0	0	0	1	1
	0	0	2	10	0	0	2	10	3	14	0	0	3	14	1	1	0	0	0	0	1	1
	0	0	4	22	1	11	5	33	6	43	0	0	6	43	1	9	0	0	0	0	1	9
	2	10	6	41	10	121	16	162	15	92	1	29	16	121	5	55	12	326	2	54	19	430
	5	33	9	74	16	319	25	393	21	197	3	92	24	289	16	92	41	1,134	2	60	59	1,286
	7	102	7	68	22	749	29	817	25	387	8	149	33	536	22	445	56	1,022	2	31	80	1,494
	9	231	6	117	14	622	20	739	19	378	6	92	25	470	34	779	35	492	1	13	70	1,281
	6	129	7	131	10	330	17	461	14	221	3	41	17	262	26	461	19	246	1	17	46	723
	5	70	6	122	7	183	13	305	15	286	3	34	18	320	20	213	14	176	0	0	34	389
	5	65	6	112	9	189	15	301	17	204	2	25	19	229	19	235	13	146	0	0	32	381
	5	60	6	123	7	241	13	364	20	258	2	27	22	285	20	223	13	154	0	0	33	377
	5	84	6	113	9	204	15	317	18	262	2	28	20	290	22	276	13	176	0	0	35	452
	6	104	6	133	9	269	15	402	16	320	2	18	18	338	23	256	13	120	0	0	36	376
	6	139	7	149	10	438	17	587	19	322	2	18	21	340	29	415	13	105	0	0	42	520
	7	130	6	163	11	357	17	520	18	287	2	16	20	303	33	347	13	106	0	0	46	453
	6	168	6	126	10	332	16	458	18	214	2	19	20	233	24	320	12	108	0	0	36	428
	5	94	8	161	7	216	15	377	15	204	2	11	17	215	18	208	12	68	0	0	30	276
	5	61	6	119	5	160	11	279	14	125	2	6	16	131	18	93	10	43	0	0	28	136
	5	36	6	88	5	140	11	228	15	98	1	2	16	100	12	39	9	37	0	0	21	76
	3	13	5	75	5	44	10	119	11	75	1	5	12	80	12	50	9	57	0	0	21	107
	3	9	5	89	1	7	6	96	10	73	1	3	11	76	10	48	9	51	0	0	19	99
	3	9	5	57	0	0	5	57	9	67	1	1	10	68	6	31	9	21	0	0	15	52
TOTAL	101	1,555	132	2,114	168	4,932	300	7,046	332	4,167	46	616	378	4,783	376	4,610	327	4,590	8	175	711	9,362

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

SECTION A
60TH STREET SECTOR, 2022-INBOUND (CONT'D)

HOURS	BROADWAY						COLUMBUS AVE		WEST END AVENUE		TOTAL								
	NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.		WCDOT *		ALL BUSES		
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	
III-4	12:00 am	11	19	0	0	11	19	2	5	2	2	31	81	2	2	0	0	33	83
	1:00am	4	3	0	0	4	3	0	0	0	0	11	17	0	0	0	0	11	17
	2:00am	2	4	0	0	2	4	0	0	0	0	8	18	0	0	0	0	8	18
	3:00am	3	7	0	0	3	7	0	0	0	0	9	32	0	0	0	0	9	32
	4:00am	5	17	0	0	5	17	0	0	0	0	17	102	0	0	0	0	17	102
	5:00am	10	37	0	0	10	37	4	20	1	3	53	379	13	355	2	54	68	788
	6:00am	19	121	3	68	22	189	6	27	6	46	98	909	47	1,294	2	60	147	2,263
	7:00am	21	166	3	43	24	209	7	168	5	97	116	2,182	67	1,214	2	31	185	3,427
	8:00am	28	308	2	28	30	336	6	140	6	177	122	2,752	43	612	1	13	166	3,377
	9:00am	19	221	2	19	21	240	5	94	3	55	90	1,642	24	306	1	17	115	1,965
	10:00am	22	183	2	19	24	202	4	63	4	67	83	1,187	19	229	0	0	102	1,416
	11:00am	18	161	2	16	20	177	6	77	4	43	84	1,086	17	187	0	0	101	1,273
	12:00pm	20	191	2	15	22	206	5	78	4	53	87	1,227	17	196	0	0	104	1,423
	1:00pm	23	207	2	11	25	218	5	94	5	69	93	1,309	17	215	0	0	110	1,524
	2:00pm	21	182	2	10	23	192	6	74	5	53	92	1,391	17	148	0	0	109	1,539
	3:00pm	22	160	2	10	24	170	10	112	7	140	110	1,875	17	133	0	0	127	2,008
	4:00pm	25	176	2	12	27	188	6	69	5	87	111	1,616	17	134	0	0	128	1,750
	5:00pm	23	186	2	10	25	196	5	71	6	109	98	1,526	16	137	0	0	114	1,663
	6:00pm	19	107	2	5	21	112	4	83	5	72	81	1,145	16	84	0	0	97	1,229
	7:00pm	19	90	2	2	21	92	3	42	4	44	74	734	14	51	0	0	88	785
	8:00pm	17	64	2	2	19	66	4	24	3	18	67	507	12	41	0	0	79	548
	9:00pm	14	49	2	4	16	53	2	15	2	7	54	328	12	66	0	0	66	394
	10:00pm	13	46	2	4	15	50	3	19	2	5	47	296	12	58	0	0	59	354
	11:00pm	13	29	1	1	14	30	2	9	2	4	40	206	11	23	0	0	51	229
TOTAL	391	2,734	37	279	428	3,013	95	1,284	81	1,151	1,676	22,547	410	5,485	8	175	2,094	28,207	

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
BUS TRANSIT BY ROUTE
60TH STREET SECTOR, 2022-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	3	10	3	12	0	0	3	12	12	72	0	0	12	72	7	81	0	0	0	0	7	81
1:00am	1	2	2	4	0	0	2	4	6	28	0	0	6	28	2	6	0	0	0	0	2	6
2:00am	0	0	2	5	0	0	2	5	3	9	0	0	3	9	1	4	0	0	0	0	1	4
3:00am	0	0	2	10	0	0	2	10	3	7	0	0	3	7	1	2	0	0	0	0	1	2
4:00am	0	0	4	22	0	0	4	22	3	11	0	0	3	11	1	0	0	0	0	0	1	0
5:00am	1	5	6	41	0	0	6	41	7	57	0	0	7	57	2	6	0	0	0	0	2	6
6:00am	3	36	9	74	6	225	15	299	15	106	1	8	16	114	4	51	3	10	0	0	7	61
7:00am	5	91	7	68	13	682	20	750	17	210	2	7	19	217	14	177	11	53	0	0	25	230
8:00am	7	110	6	117	17	593	23	710	17	292	2	4	19	296	18	190	14	28	0	0	32	218
9:00am	8	67	7	131	18	427	25	558	15	179	2	3	17	182	29	169	12	21	0	0	41	190
10:00am	5	53	6	122	9	182	15	304	15	197	2	2	17	199	27	218	13	18	0	0	40	236
11:00am	5	58	6	112	10	157	16	269	14	276	3	10	17	286	21	260	12	37	0	0	33	297
12:00pm	5	49	6	123	7	122	13	245	17	262	2	9	19	271	19	235	14	54	0	0	33	289
1:00pm	5	73	6	113	8	126	14	239	18	313	2	2	20	315	21	244	14	79	0	0	35	323
2:00pm	5	72	6	133	7	130	13	263	16	334	2	7	18	341	22	304	10	104	0	0	32	408
3:00pm	5	70	7	149	8	231	15	380	19	426	3	8	22	434	23	402	20	253	1	21	44	676
4:00pm	6	88	6	163	9	400	15	563	19	447	5	13	24	460	25	509	32	514	1	19	58	1,039
5:00pm	7	126	6	126	13	606	19	732	18	458	4	19	22	477	34	692	53	761	2	47	89	1,500
6:00pm	7	137	8	161	11	599	19	760	18	320	5	20	23	340	33	562	37	538	2	38	72	1,135
7:00pm	6	66	6	119	11	386	17	505	19	301	3	11	22	312	23	284	24	339	1	11	48	632
8:00pm	6	87	6	88	7	184	13	272	17	238	3	11	20	249	18	185	16	185	1	9	35	377
9:00pm	4	58	5	75	0	0	5	75	15	172	0	0	15	172	15	168	0	0	0	0	15	168
10:00pm	4	55	5	89	0	0	5	89	11	130	0	0	11	130	13	150	0	0	0	0	13	150
11:00pm	3	22	5	57	0	0	5	57	9	80	0	0	9	80	10	91	0	0	0	0	10	91
TOTAL	101	1,335	132	2,114	154	5,050	286	7,164	323	4,925	41	134	364	5,059	383	4,990	285	2,994	8	145	676	8,119

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

SECTION A
60TH STREET SECTOR, 2022-OUTBOUND (CONT'D)

HOURS	CP West *		BROADWAY				AMSTERDAM AVE.		WEST END AVE		TOTAL										
	NYCT LOCAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.		WCDOT **		ALL		
	NYCT BUS	PSGRS	NYCT BUS	PSGRS	MTA BUS CO. BUS	PSGRS	BUS	PSGRS	NYCT BUS	PSGRS	NYCT BUS	PSGRS	NYCT BUS	PSGRS	MTA BUS CO. BUS	PSGRS	WCDOT BUS	PSGRS	NYCT BUS	PSGRS	
III 9-6	12:00 am	4	8	11	46	0	0	11	46	1	7	2	7	43	243	0	0	0	0	43	243
	1:00am	3	2	7	8	0	0	7	8	0	0	2	6	23	56	0	0	0	0	23	56
	2:00am	1	1	2	1	0	0	2	1	0	0	0	0	9	20	0	0	0	0	9	20
	3:00am	0	0	2	0	0	0	2	0	0	0	0	0	8	19	0	0	0	0	8	19
	4:00am	0	0	3	1	0	0	3	1	0	0	0	0	11	34	0	0	0	0	11	34
	5:00am	1	0	4	11	0	0	4	11	0	0	2	4	23	124	0	0	0	0	23	124
	6:00am	3	4	8	31	0	0	8	31	4	49	2	19	54	595	4	18	0	0	58	613
	7:00am	6	18	13	84	1	0	14	84	6	153	5	90	86	1,573	14	60	0	0	100	1,633
	8:00am	6	8	15	83	2	0	17	83	6	138	5	79	97	1,610	18	32	0	0	115	1,642
	9:00am	7	12	17	88	2	0	19	88	6	88	6	37	113	1,198	16	24	0	0	129	1,222
	10:00am	6	22	15	91	2	2	17	93	5	94	3	29	91	1,008	17	22	0	0	108	1,030
	11:00am	5	29	15	101	3	5	18	106	6	102	4	30	86	1,125	18	52	0	0	104	1,177
	12:00pm	6	28	15	149	1	0	16	149	5	77	4	33	84	1,078	17	63	0	0	101	1,141
	1:00pm	6	34	15	165	2	8	17	173	5	133	5	54	89	1,255	18	89	0	0	107	1,344
	2:00pm	7	44	13	150	1	5	14	155	4	143	4	44	84	1,354	13	116	0	0	97	1,470
	3:00pm	8	83	17	193	3	8	20	201	7	183	5	97	99	1,834	26	269	1	21	126	2,124
	4:00pm	9	69	17	295	2	20	19	315	5	140	6	90	102	2,201	39	547	1	19	142	2,767
	5:00pm	8	66	17	230	5	27	22	257	4	120	6	103	113	2,527	62	807	2	47	177	3,381
	6:00pm	9	29	15	280	3	20	18	300	6	127	6	87	113	2,302	45	578	2	38	160	2,918
	7:00pm	6	26	14	153	2	8	16	161	4	81	7	102	96	1,518	29	358	1	11	126	1,887
	8:00pm	5	14	13	93	2	13	15	106	4	61	4	54	80	1,004	21	209	1	9	102	1,222
	9:00pm	5	18	11	76	0	0	11	76	4	69	3	37	62	673	0	0	0	0	62	673
	10:00pm	5	19	10	65	0	0	10	65	2	36	2	22	52	566	0	0	0	0	52	566
	11:00pm	5	14	9	41	0	0	9	41	3	29	2	11	46	345	0	0	0	0	46	345
TOTAL	121	548	278	2,435	31	116	309	2,551	87	1,830	85	1,035	1,664	24,262	357	3,244	8	145	2,029	27,651	

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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- * Central Park West (also called Eighth Avenue).
- ** WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

SECTION A
BUS TRANSIT BY ROUTE
BROOKLYN SECTOR, 2022-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	BUSES	PSGRS
12:00 am	1	2	0	0	1	2	0	0	0	0	1	2	0	0	1	2		
1:00am	1	4	0	0	1	4	0	0	0	0	1	4	0	0	1	4		
2:00am	1	3	0	0	1	3	0	0	0	0	1	3	0	0	1	3		
3:00am	1	11	0	0	1	11	0	0	0	0	1	11	0	0	1	11		
4:00am	6	149	0	0	6	149	0	0	0	0	6	149	0	0	6	149		
5:00am	50	1,298	3	112	53	1,410	0	0	0	0	50	1,298	3	112	53	1,410		
6:00am	97	2,757	10	287	107	3,044	0	0	0	0	97	2,757	10	287	107	3,044		
7:00am	138	3,948	21	545	159	4,493	2	7	2	7	140	3,955	21	545	161	4,500		
8:00am	125	2,849	23	397	148	3,246	2	4	2	4	127	2,853	23	397	150	3,250		
9:00am	47	1,145	8	115	55	1,260	2	6	2	6	49	1,151	8	115	57	1,266		
10:00am	18	406	5	57	23	463	2	7	2	7	20	413	5	57	25	470		
11:00am	13	299	2	20	15	319	2	3	2	3	15	302	2	20	17	322		
12:00pm	12	289	4	38	16	327	2	28	2	28	14	317	4	38	18	355		
1:00pm	12	281	4	33	16	314	2	28	2	28	14	309	4	33	18	342		
2:00pm	12	297	3	24	15	321	2	14	2	14	14	311	3	24	17	335		
3:00pm	12	317	2	13	14	330	2	5	2	5	14	322	2	13	16	335		
4:00pm	11	173	1	6	12	179	2	28	2	28	13	201	1	6	14	207		
5:00pm	10	120	0	0	10	120	2	10	2	10	12	130	0	0	12	130		
6:00pm	8	55	0	0	8	55	2	21	2	21	10	76	0	0	10	76		
7:00pm	4	39	0	0	4	39	1	11	1	11	5	50	0	0	5	50		
8:00pm	3	38	0	0	3	38	2	7	2	7	5	45	0	0	5	45		
9:00pm	3	48	0	0	3	48	0	0	0	0	3	48	0	0	3	48		
10:00pm	3	31	0	0	3	31	0	0	0	0	3	31	0	0	3	31		
11:00pm	1	6	0	0	1	6	0	0	0	0	1	6	0	0	1	6		
TOTAL	589	14,565	86	1,647	675	16,212	27	179	27	179	616	14,744	86	1,647	702	16,391		

Notes:

- See note on page III-0.
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SECTION A
BUS TRANSIT BY ROUTE
BROOKLYN SECTOR 2022-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	
III-8	12:00 am	13	305	2	24	15	329	0	0	0	0	13	305	2	24	15	329
	1:00am	6	106	0	0	6	106	0	0	0	0	6	106	0	0	6	106
	2:00am	1	8	0	0	1	8	0	0	0	0	1	8	0	0	1	8
	3:00am	1	9	0	0	1	9	0	0	0	0	1	9	0	0	1	9
	4:00am	1	7	0	0	1	7	0	0	0	0	1	7	0	0	1	7
	5:00am	1	7	0	0	1	7	0	0	0	0	1	7	0	0	1	7
	6:00am	1	20	0	0	1	20	0	0	0	0	1	20	0	0	1	20
	7:00am	2	71	0	0	2	71	2	13	2	13	4	84	0	0	4	84
	8:00am	3	92	0	0	3	92	2	11	2	11	5	103	0	0	5	103
	9:00am	7	102	0	0	7	102	2	9	2	9	9	111	0	0	9	111
	10:00am	5	63	0	0	5	63	2	6	2	6	7	69	0	0	7	69
	11:00am	10	139	2	11	12	150	2	12	2	12	12	151	2	11	14	162
	12:00pm	9	228	4	20	13	248	2	21	2	21	11	249	4	20	15	269
	1:00pm	10	293	4	23	14	316	2	16	2	16	12	309	4	23	16	332
	2:00pm	24	653	5	60	29	713	2	12	2	12	26	665	5	60	31	725
	3:00pm	54	1,431	8	143	62	1,574	2	14	2	14	56	1,445	8	143	64	1,588
	4:00pm	87	2,518	14	274	101	2,792	2	7	2	7	89	2,525	14	274	103	2,799
	5:00pm	130	3,482	21	394	151	3,876	2	9	2	9	132	3,491	21	394	153	3,885
	6:00pm	96	2,148	16	211	112	2,359	2	7	2	7	98	2,155	16	211	114	2,366
	7:00pm	46	872	9	106	55	978	1	3	1	3	47	875	9	106	56	981
	8:00pm	26	568	7	70	33	638	2	8	2	8	28	576	7	70	35	646
	9:00pm	19	436	3	29	22	465	1	1	1	1	20	437	3	29	23	466
	10:00pm	17	349	4	34	21	383	0	0	0	0	17	349	4	34	21	383
	11:00pm	13	303	2	29	15	332	0	0	0	0	13	303	2	29	15	332
TOTAL		582	14,210	101	1,428	683	15,638	28	149	28	149	610	14,359	101	1,428	711	15,787

Notes:

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SECTION A
BUS TRANSIT BY ROUTE
QUEENS SECTOR 2022-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	3	7	0	0	3	7	0	0	0	0	0	0	3	7	0	0	3	7
1:00am	2	3	0	0	2	3	0	0	0	0	0	0	2	3	0	0	2	3
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	1	7	1	7	0	0	2	53	2	53	0	0	3	60	3	60
6:00am	5	121	4	58	9	179	7	248	49	1,235	56	1,483	12	369	53	1,293	65	1,662
7:00am	6	137	5	47	11	184	11	275	116	2,414	127	2,689	17	412	121	2,461	138	2,873
8:00am	5	108	5	53	10	161	10	191	97	1,476	107	1,667	15	299	102	1,529	117	1,828
9:00am	6	76	4	20	10	96	3	40	37	421	40	461	9	116	41	441	50	557
10:00am	5	65	8	30	13	95	0	0	12	145	12	145	5	65	20	175	25	240
11:00am	5	63	6	27	11	90	0	0	9	97	9	97	5	63	15	124	20	187
12:00pm	5	63	6	34	11	97	0	0	8	79	8	79	5	63	14	113	19	176
1:00pm	5	76	4	38	9	114	0	0	8	77	8	77	5	76	12	115	17	191
2:00pm	5	72	7	42	12	114	0	0	8	68	8	68	5	72	15	110	20	182
3:00pm	6	71	5	32	11	103	0	0	7	51	7	51	6	71	12	83	18	154
4:00pm	7	70	6	23	13	93	0	0	7	50	7	50	7	70	13	73	20	143
5:00pm	7	78	6	26	13	104	0	0	8	57	8	57	7	78	14	83	21	161
6:00pm	6	46	6	22	12	68	0	0	6	23	6	23	6	46	12	45	18	91
7:00pm	5	29	2	1	7	30	0	0	5	11	5	11	5	29	7	12	12	41
8:00pm	5	18	4	11	9	29	0	0	5	12	5	12	5	18	9	23	14	41
9:00pm	3	18	0	0	3	18	0	0	4	9	4	9	3	18	4	9	7	27
10:00pm	4	17	0	0	4	17	0	0	1	2	1	2	4	17	1	2	5	19
11:00pm	2	6	0	0	2	6	0	0	1	1	1	1	2	6	1	1	3	7
TOTAL	97	1,144	79	471	176	1,615	31	754	390	6,281	421	7,035	128	1,898	469	6,752	597	8,650

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
QUEENS SECTOR 2022-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	4	83	0	0	0	0	3	18	7	101	0	0	0	0	4	83	3	18	7	101
1:00am	1	4	0	0	0	0	0	0	1	4	0	0	0	0	1	4	0	0	1	4
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	2	0	0	0	0	0	0	1	2	0	0	0	0	1	2	0	0	1	2
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	9	0	0	4	16	0	0	5	25	0	0	0	0	1	9	4	16	5	25
7:00am	4	40	0	0	3	14	0	0	7	54	0	0	0	0	4	40	3	14	7	54
8:00am	5	50	0	0	5	29	6	14	16	93	0	0	0	0	5	50	11	43	16	93
9:00am	5	39	0	0	6	23	7	16	18	78	0	0	0	0	5	39	13	39	18	78
10:00am	5	40	0	0	6	28	8	22	19	90	0	0	0	0	5	40	14	50	19	90
11:00am	5	54	0	0	6	29	8	32	19	115	0	0	0	0	5	54	14	61	19	115
12:00pm	5	70	0	0	6	44	8	46	19	160	1	7	1	7	5	70	15	97	20	167
1:00pm	5	74	0	0	6	54	8	60	19	188	1	9	1	9	5	74	15	123	20	197
2:00pm	5	106	0	0	5	61	8	92	18	259	2	24	2	24	5	106	15	177	20	283
3:00pm	6	144	0	0	5	66	11	189	22	399	3	64	3	64	6	144	19	319	25	463
4:00pm	6	151	7	149	5	121	40	640	58	1,061	9	219	9	219	13	300	54	980	67	1,280
5:00pm	6	177	10	208	6	107	69	1,103	91	1,595	17	361	17	361	16	385	92	1,571	108	1,956
6:00pm	7	181	8	185	6	102	58	750	79	1,218	12	174	12	174	15	366	76	1,026	91	1,392
7:00pm	7	154	5	77	6	94	29	289	47	614	8	92	8	92	12	231	43	475	55	706
8:00pm	6	101	0	0	6	61	10	135	22	297	1	13	1	13	6	101	17	209	23	310
9:00pm	6	73	0	0	1	26	7	64	14	163	1	11	1	11	6	73	9	101	15	174
10:00pm	3	45	0	0	0	0	6	59	9	104	1	8	1	8	3	45	7	67	10	112
11:00pm	3	52	0	0	0	0	6	40	9	92	1	10	1	10	3	52	7	50	10	102
TOTAL	98	1,654	30	619	82	875	292	3,569	502	6,717	57	992	57	992	128	2,273	431	5,436	559	7,709

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
NEW JERSEY SECTOR

2022-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	0	0	35	301	35	301
1:00am	0	0	23	191	23	191
2:00am	0	0	14	154	14	154
3:00am	0	0	19	323	19	323
4:00am	1	33	36	1,202	37	1,235
5:00am	10	325	236	7,670	246	7,995
6:00am	13	445	441	15,082	454	15,527
7:00am	20	808	557	22,503	577	23,311
8:00am	19	777	565	23,109	584	23,886
9:00am	6	194	371	12,020	377	12,214
10:00am	9	257	199	5,691	208	5,948
11:00am	5	143	160	4,576	165	4,719
12:00pm	8	198	152	3,770	160	3,968
1:00pm	4	103	198	5,089	202	5,192
2:00pm	12	302	197	4,964	209	5,266
3:00pm	8	176	306	6,732	314	6,908
4:00pm	16	301	390	7,332	406	7,633
5:00pm	11	227	357	7,354	368	7,581
6:00pm	8	167	292	6,103	300	6,270
7:00pm	7	122	221	3,845	228	3,967
8:00pm	5	71	140	1,974	145	2,045
9:00pm	5	82	115	1,875	120	1,957
10:00pm	0	0	104	1,425	104	1,425
11:00pm	0	0	65	611	65	611
TOTAL	167	4,731	5,193	143,896	5,360	148,627

2022-OUTBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	24	42	991	43	1,015
1:00am	1	15	26	400	27	415
2:00am	2	61	12	359	14	420
3:00am	1	14	8	108	9	122
4:00am	5	32	8	46	13	78
5:00am	19	116	91	556	110	672
6:00am	13	116	279	2,480	292	2,596
7:00am	19	206	402	4,341	421	4,547
8:00am	24	337	498	6,876	522	7,213
9:00am	18	293	427	6,782	445	7,075
10:00am	8	121	250	3,925	258	4,046
11:00am	3	55	154	2,555	157	2,610
12:00pm	24	511	124	2,640	148	3,151
1:00pm	8	200	142	3,553	150	3,753
2:00pm	8	226	144	4,164	152	4,390
3:00pm	13	426	246	8,273	259	8,699
4:00pm	15	568	362	13,455	377	14,023
5:00pm	29	1,161	477	19,374	506	20,535
6:00pm	10	356	377	13,427	387	13,783
7:00pm	11	338	294	9,465	305	9,803
8:00pm	16	463	208	5,939	224	6,402
9:00pm	12	327	141	3,962	153	4,289
10:00pm	0	0	110	3,324	110	3,324
11:00pm	2	55	88	2,406	90	2,461
TOTAL	262	6,021	4,910	119,401	5,172	125,422

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 milevision 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
2022-INBOUND EXPRESS ONLY

III - 12

HOURS	60TH ST SECTOR						BROOKLYN SECTOR				QUEENS SECTOR				N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WCDOT		NYC TRANSIT		MTA BUS CO.		NYC TRANSIT		MTA BUS CO.		OTHER OPERATORS		BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00am	0	0	2	2	0	0	1	2	0	0	0	0	0	0	35	301	38	305
1:00am	0	0	0	0	0	0	1	4	0	0	0	0	0	0	23	191	24	195
2:00am	0	0	0	0	0	0	1	3	0	0	0	0	0	0	14	154	15	157
3:00am	0	0	0	0	0	0	1	11	0	0	0	0	0	0	19	323	20	334
4:00am	1	11	0	0	0	0	6	149	0	0	0	0	0	0	37	1,235	44	1,395
5:00am	10	121	13	355	2	49	50	1,298	3	112	0	0	2	53	246	7,995	326	9,983
6:00am	16	319	47	1,294	2	60	97	2,757	10	287	7	248	49	1,235	454	15,527	682	21,727
7:00am	22	749	67	1,214	2	27	138	3,948	21	545	11	275	116	2,414	577	23,311	954	32,483
8:00am	14	622	43	612	1	10	125	2,849	23	397	10	191	97	1,476	584	23,886	897	30,043
9:00am	10	330	24	306	1	16	47	1,145	8	115	3	40	37	421	377	12,214	507	14,587
10:00am	7	183	19	229	0	0	18	406	5	57	0	0	12	145	208	5,948	269	6,968
11:00am	9	189	17	187	0	0	13	299	2	20	0	0	9	97	165	4,719	215	5,511
12:00pm	7	241	17	196	0	0	12	289	4	38	0	0	8	79	160	3,968	208	4,811
1:00pm	9	204	17	215	0	0	12	281	4	33	0	0	8	77	202	5,192	252	6,002
2:00pm	9	269	17	148	0	0	12	297	3	24	0	0	8	68	209	5,266	258	6,072
3:00pm	10	438	17	133	0	0	12	317	2	13	0	0	7	51	314	6,908	362	7,860
4:00pm	11	357	17	134	0	0	11	173	1	6	0	0	7	50	406	7,633	453	8,353
5:00pm	10	332	16	137	0	0	10	120	0	0	0	0	8	57	368	7,581	412	8,227
6:00pm	7	216	16	84	0	0	8	55	0	0	0	0	6	23	300	6,270	337	6,648
7:00pm	5	160	14	51	0	0	4	39	0	0	0	0	5	11	228	3,967	256	4,228
8:00pm	5	140	12	41	0	0	3	38	0	0	0	0	5	12	145	2,045	170	2,276
9:00pm	5	44	12	66	0	0	3	48	0	0	0	0	4	9	120	1,957	144	2,124
10:00pm	1	7	12	58	0	0	3	31	0	0	0	0	1	2	104	1,425	121	1,523
11:00pm	0	0	11	23	0	0	1	6	0	0	0	0	1	1	65	611	78	641
TOTAL	168	4,932	410	5,485	8	162	589	14,565	86	1,647	31	754	390	6,281	5,360	148,627	7,042	182,453

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
2022-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	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
III - 13	12:00am	0	0	0	0	0	13	305	2	24	0	0	3	18	43	1,015	61	1,362		
	1:00am	0	0	0	0	0	6	106	0	0	0	0	0	0	27	415	33	521		
	2:00am	0	0	0	0	0	1	8	0	0	0	0	0	0	14	420	15	428		
	3:00am	0	0	0	0	0	1	9	0	0	0	0	0	0	9	122	10	131		
	4:00am	0	0	0	0	0	1	7	0	0	0	0	0	0	13	78	14	85		
	5:00am	0	0	0	0	0	1	7	0	0	0	0	0	0	110	672	111	679		
	6:00am	6	225	4	18	0	0	1	20	0	0	0	0	0	292	2,596	303	2,859		
	7:00am	13	682	14	60	0	0	2	71	0	0	0	0	0	421	4,547	450	5,360		
	8:00am	17	593	18	32	0	0	3	92	0	0	0	0	6	14	522	7,213	566	7,944	
	9:00am	18	427	16	24	0	0	7	102	0	0	0	0	7	16	445	7,075	493	7,644	
	10:00am	9	182	17	22	0	0	5	63	0	0	0	0	8	22	258	4,046	297	4,335	
	11:00am	10	157	18	52	0	0	10	139	2	11	0	0	8	32	157	2,610	205	3,001	
	12:00pm	7	122	17	63	0	0	9	228	4	20	0	0	9	53	148	3,151	194	3,637	
	1:00pm	8	126	18	89	0	0	10	293	4	23	0	0	9	69	150	3,753	199	4,353	
	2:00pm	7	130	13	116	0	0	24	653	5	60	0	0	10	116	152	4,390	211	5,465	
	3:00pm	8	231	26	269	1	21	54	1,431	8	143	0	0	14	253	259	8,699	370	11,047	
	4:00pm	9	400	39	547	1	16	87	2,518	14	274	7	149	49	859	377	14,023	583	18,786	
	5:00pm	13	606	62	807	2	47	130	3,482	21	394	10	208	86	1,464	506	20,535	830	27,543	
	6:00pm	11	599	45	578	2	35	96	2,148	16	211	8	185	70	924	387	13,783	635	18,463	
	7:00pm	11	386	29	358	1	9	46	872	9	106	5	77	37	381	305	9,803	443	11,992	
	8:00pm	7	184	21	209	1	7	26	568	7	70	0	0	11	148	224	6,402	297	7,588	
	9:00pm	0	0	0	0	0	0	19	436	3	29	0	0	8	75	153	4,289	183	4,829	
	10:00pm	0	0	0	0	0	0	17	349	4	34	0	0	7	67	110	3,324	138	3,774	
	11:00pm	0	0	0	0	0	0	13	303	2	29	0	0	7	50	90	2,461	112	2,843	
TOTAL	154	5,050	357	3,244	8	135	582	14,210	101	1,428	30	619	349	4,561	5,172	125,422	6,753	154,669		

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
2022

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	1,015	37	405	181	302	90
BM2	827	54	295	139	239	100
BM3	717	45	277	143	199	53
BM4	516	0	252	94	145	25
BM5	642	0	227	116	215	84
BxM1	750	29	352	232	98	39
BxM10	1,114	31	355	274	343	111
BxM11	748	39	241	179	228	61
BxM18	247	0	123	0	114	10
BxM2	395	0	139	128	94	34
BxM3	536	0	272	105	120	39
BXM4	313	0	119	62	97	35
BxM6	500	0	168	124	137	71
BXM7	1,644	130	536	424	368	186
BxM8	1,165	37	444	204	377	103
BxM9	1,317	91	481	317	311	117
QM1	220	0	141	0	71	8
QM10	152	0	85	13	50	4
QM11	369	0	193	28	138	10
QM12	211	0	148	16	43	4
QM15	1,383	0	680	232	353	118
QM16	370	0	225	0	136	9
QM17	389	0	213	0	162	14
QM18	161	0	88	9	56	8
QM2	810	0	283	206	219	102
QM20	725	0	343	138	188	56
QM21	174	0	82	10	61	21
QM24	368	0	229	33	96	10
QM25	290	0	160	22	103	5
QM3	91	0	59	0	32	0
QM31	114	0	51	5	58	0
QM32	235	0	129	10	90	6
QM34	324	0	163	23	132	6
QM35	302	0	170	18	105	9
QM36	119	0	67	0	52	0
QM4	412	4	180	89	95	44
QM40	97	0	45	4	44	4
QM42	158	0	101	9	43	5
QM44	108	0	61	10	37	0
QM5	1,169	43	355	300	339	132
QM6	621	6	234	158	161	62
QM7	449	18	243	50	122	16
QM8	379	0	184	0	176	19
Total	22,646	564	9,598	4,105	6,549	1,830

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, 2022-INBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL ALL SECTORS			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 15	12:00am	19	166	1,950	28	238	1,482	14	145	853	4	30	36	65	579	4,321
	1:00am	19	174	777	23	198	899	7	73	294	3	22	45	52	467	2,015
	2:00am	21	192	496	27	234	741	10	103	284	3	23	38	61	552	1,559
	3:00am	21	192	683	30	260	601	8	83	307	3	22	54	62	557	1,645
	4:00am	20	184	1,844	30	266	2,252	7	72	1,149	3	23	160	60	545	5,405
	5:00am	39	362	10,557	37	322	8,915	20	194	8,037	5	38	857	101	916	28,366
	6:00am	68	628	25,634	88	768	30,949	57	557	25,144	25	185	3,645	238	2,138	85,372
	7:00am	99	924	48,496	119	1,044	59,715	66	649	40,500	39	285	10,956	323	2,902	159,667
	8:00am	117	1,094	68,629	159	1,390	93,402	84	823	56,781	43	313	20,610	403	3,620	239,422
	9:00am	102	948	44,360	122	1,074	56,300	68	658	35,889	42	306	12,862	334	2,986	149,411
	10:00am	83	762	25,008	111	980	31,922	55	528	20,309	22	159	4,580	271	2,429	81,819
	11:00am	83	776	22,855	104	918	23,450	57	549	15,148	17	122	2,975	261	2,365	64,428
	12:00pm	79	728	20,837	101	890	20,345	50	478	11,486	17	122	2,614	247	2,218	55,282
	1:00pm	86	798	23,178	102	894	21,002	51	486	12,182	17	122	2,205	256	2,300	58,567
	2:00pm	86	802	27,066	103	912	22,228	52	498	12,749	17	122	2,057	258	2,334	64,100
	3:00pm	83	760	34,707	110	972	25,103	60	574	16,344	22	159	2,345	275	2,465	78,499
	4:00pm	100	914	40,786	123	1,088	26,180	69	671	15,827	34	248	3,153	326	2,921	85,946
	5:00pm	109	1,016	42,746	128	1,130	29,563	77	757	15,725	41	299	4,915	355	3,202	92,949
	6:00pm	92	848	31,549	126	1,110	24,815	68	669	12,346	40	292	3,907	326	2,919	72,617
	7:00pm	91	844	19,638	112	992	14,427	55	542	6,852	28	205	1,891	286	2,583	42,808
	8:00pm	80	730	12,815	108	962	8,947	52	506	4,058	23	167	819	263	2,365	26,639
	9:00pm	63	578	9,649	87	756	7,313	40	400	3,415	21	152	522	211	1,886	20,899
	10:00pm	46	422	8,449	67	584	11,907	30	299	2,648	16	116	395	159	1,421	23,399
	11:00pm	32	294	4,386	53	462	4,158	24	245	1,666	7	51	166	116	1,052	10,376
TOTAL	1,638	15,136	527,095	2,098	18,444	526,616	1,081	10,559	319,993	492	3,583	81,807	5,309	47,722	1,455,511	

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, 2022-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	15	126	5,811	35	298	6,745	16	166	4,346	3	22	508	69	612	17,410
1:00am	14	122	3,835	29	254	2,659	12	125	1,853	3	23	284	58	524	8,631
2:00am	15	136	1,257	28	244	1,106	9	93	923	3	22	174	55	495	3,460
3:00am	23	208	768	31	274	595	9	93	428	3	23	115	66	598	1,906
4:00am	22	200	1,159	28	246	636	8	82	519	3	22	72	61	550	2,386
5:00am	23	212	4,111	43	384	3,478	13	126	1,591	6	45	203	85	767	9,383
6:00am	50	458	17,797	75	660	9,544	40	393	6,294	26	192	809	191	1,703	34,444
7:00am	75	682	33,149	118	1,056	17,888	62	616	8,829	39	285	2,052	294	2,639	61,918
8:00am	107	984	36,766	139	1,232	20,093	78	758	9,776	44	320	3,328	368	3,294	69,963
9:00am	118	1,098	25,132	134	1,192	15,019	73	707	7,204	35	253	1,646	360	3,250	49,001
10:00am	98	910	18,272	117	1,024	11,689	52	501	5,417	22	159	929	289	2,594	36,307
11:00am	87	806	15,761	110	974	12,254	50	480	6,209	17	122	996	264	2,382	35,220
12:00pm	83	768	18,196	99	874	14,513	51	486	8,185	17	122	1,293	250	2,250	42,187
1:00pm	76	702	20,067	106	936	17,387	55	526	10,440	17	122	1,754	254	2,286	49,648
2:00pm	81	740	24,535	109	964	24,177	55	524	15,854	17	122	2,313	262	2,350	66,879
3:00pm	79	726	38,827	106	932	36,535	59	571	25,607	22	159	4,411	266	2,388	105,380
4:00pm	97	908	44,562	118	1,038	53,796	65	630	34,640	38	278	8,820	318	2,854	141,818
5:00pm	98	904	58,295	141	1,242	72,049	86	842	48,864	42	306	15,929	367	3,294	195,137
6:00pm	98	916	48,343	122	1,080	67,775	68	669	36,957	40	292	12,742	328	2,957	165,817
7:00pm	101	934	31,967	119	1,050	42,060	62	612	24,764	28	205	6,871	310	2,801	105,662
8:00pm	85	788	20,868	108	944	26,954	56	547	17,353	23	167	4,921	272	2,446	70,096
9:00pm	83	774	17,639	82	708	20,053	49	483	13,319	20	145	3,452	234	2,110	54,463
10:00pm	60	548	18,480	72	620	19,809	38	376	13,303	16	116	2,723	186	1,660	54,315
11:00pm	39	360	12,853	51	446	12,207	27	273	9,565	7	52	1,965	124	1,131	36,590
TOTAL	1,627	15,010	518,450	2,120	18,672	509,021	1,093	10,679	312,240	491	3,574	78,310	5,331	47,935	1,418,021

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, 2022-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	19	166	1,950	28	238	1,482	14	145	853	61	549	4,285
1:00am	19	174	777	23	198	899	7	73	294	49	445	1,970
2:00am	21	192	496	27	234	741	10	103	284	58	529	1,521
3:00am	21	192	683	30	260	601	8	83	307	59	535	1,591
4:00am	20	184	1,844	30	266	2,252	7	72	1,149	57	522	5,245
5:00am	39	362	10,557	37	322	8,915	20	194	8,037	96	878	27,509
6:00am	68	628	25,634	88	768	30,949	57	557	25,144	213	1,953	81,727
7:00am	99	924	48,496	119	1,044	59,715	66	649	40,500	284	2,617	148,711
8:00am	117	1,094	68,629	159	1,390	93,402	84	823	56,781	360	3,307	218,812
9:00am	102	948	44,360	122	1,074	56,300	68	658	35,889	292	2,680	136,549
10:00am	83	762	25,008	111	980	31,922	55	528	20,309	249	2,270	77,239
11:00am	83	776	22,855	104	918	23,450	57	549	15,148	244	2,243	61,453
12:00pm	79	728	20,837	101	890	20,345	50	478	11,486	230	2,096	52,668
1:00pm	86	798	23,178	102	894	21,002	51	486	12,182	239	2,178	56,362
2:00pm	86	802	27,066	103	912	22,228	52	498	12,749	241	2,212	62,043
3:00pm	83	760	34,707	110	972	25,103	60	574	16,344	253	2,306	76,154
4:00pm	100	914	40,786	123	1,088	26,180	69	671	15,827	292	2,673	82,793
5:00pm	109	1,016	42,746	128	1,130	29,563	77	757	15,725	314	2,903	88,034
6:00pm	92	848	31,549	126	1,110	24,815	68	669	12,346	286	2,627	68,710
7:00pm	91	844	19,638	112	992	14,427	55	542	6,852	258	2,378	40,917
8:00pm	80	730	12,815	108	962	8,947	52	506	4,058	240	2,198	25,820
9:00pm	63	578	9,649	87	756	7,313	40	400	3,415	190	1,734	20,377
10:00pm	46	422	8,449	67	584	11,907	30	299	2,648	143	1,305	23,004
11:00pm	32	294	4,386	53	462	4,158	24	245	1,666	109	1,001	10,210
TOTAL	1,638	15,136	527,095	2,098	18,444	526,616	1,081	10,559	319,993	4,817	44,139	1,373,704

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, 2022-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III-18	12:00am	15	126	5,811	35	298	6,745	16	166	4,346	66	590	16,902
	1:00am	14	122	3,835	29	254	2,659	12	125	1,853	55	501	8,347
	2:00am	15	136	1,257	28	244	1,106	9	93	923	52	473	3,286
	3:00am	23	208	768	31	274	595	9	93	428	63	575	1,791
	4:00am	22	200	1,159	28	246	636	8	82	519	58	528	2,314
	5:00am	23	212	4,111	43	384	3,478	13	126	1,591	79	722	9,180
	6:00am	50	458	17,797	75	660	9,544	40	393	6,294	165	1,511	33,635
	7:00am	75	682	33,149	118	1,056	17,888	62	616	8,829	255	2,354	59,866
	8:00am	107	984	36,766	139	1,232	20,093	78	758	9,776	324	2,974	66,635
	9:00am	118	1,098	25,132	134	1,192	15,019	73	707	7,204	325	2,997	47,355
	10:00am	98	910	18,272	117	1,024	11,689	52	501	5,417	267	2,435	35,378
	11:00am	87	806	15,761	110	974	12,254	50	480	6,209	247	2,260	34,224
	12:00pm	83	768	18,196	99	874	14,513	51	486	8,185	233	2,128	40,894
	1:00pm	76	702	20,067	106	936	17,387	55	526	10,440	237	2,164	47,894
	2:00pm	81	740	24,535	109	964	24,177	55	524	15,854	245	2,228	64,566
	3:00pm	79	726	38,827	106	932	36,535	59	571	25,607	244	2,229	100,969
	4:00pm	97	908	44,562	118	1,038	53,796	65	630	34,640	280	2,576	132,998
	5:00pm	98	904	58,295	141	1,242	72,049	86	842	48,864	325	2,988	179,208
	6:00pm	98	916	48,343	122	1,080	67,775	68	669	36,957	288	2,665	153,075
	7:00pm	101	934	31,967	119	1,050	42,060	62	612	24,764	282	2,596	98,791
	8:00pm	85	788	20,868	108	944	26,954	56	547	17,353	249	2,279	65,175
	9:00pm	83	774	17,639	82	708	20,053	49	483	13,319	214	1,965	51,011
	10:00pm	60	548	18,480	72	620	19,809	38	376	13,303	170	1,544	51,592
	11:00pm	39	360	12,853	51	446	12,207	27	273	9,565	117	1,079	34,625
TOTAL		1,627	15,010	518,450	2,120	18,672	509,021	1,093	10,679	312,240	4,840	44,361	1,339,711

Notes: - See note on page III-0.
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SECTION B
SUBWAY BY LOCATION
60TH STREET SECTOR, 2022-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	246	3	30	419	4	32	218	3	24	184	5	40	219	0	0	0	3	30	664	19	166	1,950
1:00am	0	0	0	6	60	298	3	24	58	3	24	91	2	16	55	0	0	0	5	50	275	19	174	777
2:00am	0	0	0	6	60	180	3	24	33	3	24	82	3	24	49	0	0	0	6	60	152	21	192	496
3:00am	0	0	0	6	60	257	3	24	28	2	16	190	4	32	85	0	0	0	6	60	123	21	192	683
4:00am	0	0	0	6	60	799	3	24	67	3	24	478	2	16	79	0	0	0	6	60	421	20	184	1,844
5:00am	7	70	3,123	5	50	1,766	4	32	265	6	48	2,274	4	32	360	7	70	1,643	6	60	1,126	39	362	10,557
6:00am	17	170	8,083	9	90	3,569	5	40	1,203	11	88	5,656	10	80	1,344	9	90	3,210	7	70	2,569	68	628	25,634
7:00am	21	210	11,655	16	160	6,954	7	56	3,261	15	120	10,158	11	88	3,214	19	190	8,679	10	100	4,575	99	924	48,496
8:00am	21	210	10,672	18	180	9,267	9	72	7,054	17	136	12,371	12	96	5,358	21	210	13,446	19	190	10,461	117	1,094	68,629
9:00am	20	200	7,412	18	180	6,781	7	56	4,620	15	120	7,660	14	112	3,579	17	170	8,841	11	110	5,467	102	948	44,360
10:00am	15	150	5,331	15	150	3,166	8	64	2,808	13	104	4,899	13	104	1,866	13	130	3,892	6	60	3,046	83	762	25,008
11:00am	13	130	4,638	15	150	3,108	6	48	1,982	12	96	3,795	9	72	1,480	15	150	4,465	13	130	3,387	83	776	22,855
12:00pm	13	130	3,616	15	150	3,108	6	48	2,104	12	96	3,846	13	104	2,023	15	150	4,252	5	50	1,888	79	728	20,837
1:00pm	16	160	4,414	15	150	2,989	8	64	2,372	12	96	3,905	11	88	1,773	15	150	4,406	9	90	3,319	86	798	23,178
2:00pm	17	170	5,327	15	150	3,992	7	56	2,367	12	96	4,585	10	80	2,284	16	160	4,538	9	90	3,973	86	802	27,066
3:00pm	13	130	4,761	14	140	6,939	7	56	3,682	15	120	5,786	13	104	3,458	10	100	3,905	11	110	6,176	83	760	34,707
4:00pm	21	210	7,882	17	170	7,084	8	64	3,895	22	176	7,106	13	104	3,811	10	100	5,457	9	90	5,551	100	914	40,786
5:00pm	21	210	6,638	17	170	7,398	8	64	4,737	17	136	5,365	12	96	3,449	16	160	7,649	18	180	7,510	109	1,016	42,746
6:00pm	16	160	4,500	15	150	5,417	7	56	3,481	18	144	3,987	11	88	3,176	14	140	5,252	11	110	5,736	92	848	31,549
7:00pm	15	150	3,028	13	130	3,133	9	72	2,694	12	96	2,078	12	96	1,581	16	160	3,837	14	140	3,287	91	844	19,638
8:00pm	8	80	1,275	11	110	2,419	8	64	1,611	17	136	1,768	10	80	951	13	130	2,482	13	130	2,309	80	730	12,815
9:00pm	7	70	1,222	11	110	1,905	6	48	991	11	88	1,238	9	72	494	9	90	1,432	10	100	2,367	63	578	9,649
10:00pm	6	60	953	7	70	1,235	6	48	942	9	72	970	4	32	476	6	60	1,178	8	80	2,695	46	422	8,449
11:00pm	3	30	295	6	60	846	4	32	477	5	40	354	4	32	388	4	40	472	6	60	1,554	32	294	4,386
TOTAL	271	2,710	95,071	279	2,790	83,029	146	1,168	50,950	265	2,120	88,826	211	1,688	41,552	245	2,450	89,036	221	2,210	78,631	1,638	15,136	527,095

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
60TH STREET SECTOR, 2022-OUTBOUND

III - 20

HOURS	59TH ST./LEXINGTON AVE			LEXINGTON AVE LOCAL			2ND AVENUE LOCAL			8TH AVE EXPR/LOCAL			8TH AVENUE LOCAL			TIMES SQUARE			59TH ST./COLUMBUS			TOTAL		
	VIA 4 EXPRESS & LOCAL* & 5 EXPRESS			59TH ST./LEXINGTON AVE			57TH ST./7TH AVE			59TH ST./COLUMBUS CIR.			59TH ST./COLUMBUS CIR.			EXPRESS			CIRCLE			60TH STREET SECTOR		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	1	10	313	1	10	1,297	5	40	459	7	56	3,511	0	0	0	1	10	231	0	0	0	15	126	5,811
1:00am	0	0	0	3	30	828	3	24	137	6	48	1,841	0	0	0	0	0	0	2	20	1,029	14	122	3,835
2:00am	1	10	149	3	30	287	2	16	58	5	40	470	0	0	0	1	10	67	3	30	226	15	136	1,257
3:00am	3	30	124	3	30	177	4	32	53	7	56	228	0	0	0	0	0	0	6	60	186	23	208	768
4:00am	3	30	156	3	30	188	3	24	105	7	56	255	0	0	0	0	0	0	6	60	455	22	200	1,159
5:00am	4	40	754	3	30	721	3	24	485	6	48	731	0	0	0	2	20	91	5	50	1,329	23	212	4,111
6:00am	8	80	3,521	7	70	3,891	6	48	2,029	11	88	2,723	4	32	567	9	90	2,764	5	50	2,302	50	458	17,797
7:00am	15	150	6,509	10	100	5,971	7	56	4,262	15	120	3,984	12	96	2,817	9	90	5,089	7	70	4,517	75	682	33,149
8:00am	21	210	6,579	14	140	6,983	7	56	4,250	21	168	4,006	15	120	2,957	16	160	6,675	13	130	5,316	107	984	36,766
9:00am	21	210	3,714	22	220	5,480	8	64	2,790	17	136	2,445	16	128	2,606	17	170	4,648	17	170	3,449	118	1,098	25,132
10:00am	20	200	2,866	16	160	3,259	7	56	1,880	16	128	2,176	12	96	1,938	15	150	3,454	12	120	2,699	98	910	18,272
11:00am	18	180	2,329	15	150	3,110	7	56	1,582	14	112	1,901	11	88	1,629	14	140	2,720	8	80	2,490	87	806	15,761
12:00pm	16	160	3,276	12	120	2,804	6	48	1,630	13	104	2,407	12	96	1,953	14	140	3,384	10	100	2,742	83	768	18,196
1:00pm	11	110	3,706	17	170	3,002	8	64	1,876	11	88	3,179	10	80	1,733	12	120	2,915	7	70	3,656	76	702	20,067
2:00pm	10	100	3,768	16	160	5,151	7	56	1,886	14	112	4,675	14	112	2,551	12	120	2,904	8	80	3,600	81	740	24,535
3:00pm	12	120	6,288	14	140	6,087	7	56	3,131	13	104	7,411	12	96	2,969	11	110	6,871	10	100	6,070	79	726	38,827
4:00pm	21	210	10,064	16	160	6,290	8	64	2,989	11	88	6,594	12	96	4,847	16	160	6,824	13	130	6,954	97	908	44,562
5:00pm	19	190	12,721	14	140	7,178	8	64	5,329	18	144	10,516	12	96	4,560	17	170	10,446	10	100	7,545	98	904	58,295
6:00pm	16	160	8,587	18	180	7,618	7	56	4,575	14	112	7,870	11	88	3,554	16	160	8,957	16	160	7,182	98	916	48,343
7:00pm	20	200	6,027	16	160	4,180	10	80	2,879	16	128	5,883	12	96	2,363	16	160	5,919	11	110	4,716	101	934	31,967
8:00pm	16	160	4,141	12	120	2,740	6	48	1,517	14	112	3,932	11	88	1,359	14	140	4,016	12	120	3,163	85	788	20,868
9:00pm	13	130	2,844	11	110	2,207	6	48	1,883	11	88	3,688	11	88	1,308	17	170	3,067	14	140	2,642	83	774	17,639
10:00pm	7	70	2,634	9	90	2,879	9	72	2,119	12	96	4,566	5	40	404	6	60	2,086	12	120	3,792	60	548	18,480
11:00pm	5	50	1,921	7	70	2,679	3	24	789	10	80	3,380	2	16	333	6	60	1,087	6	60	2,664	39	360	12,853
TOTAL	281	2,810	92,991	262	2,620	85,007	147	1,176	48,693	289	2,312	88,372	194	1,552	40,448	241	2,410	84,215	213	2,130	78,724	1,627	15,010	518,450

Notes:

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

SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2022-INBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MANHATTAN BRIDGE		
	BEDFORD AVENUE			MARCY AVENUE			YORK AVENUE			VIA DEKALB AVENUE			VIA PACIFIC STREET		
	L LINE (LOCAL)			J, Z, M LINES (LOCAL)			F LINE (LOCAL)			B,D,N,Q LINES (LOCAL)			D, N LINES (EXPRESS)		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	4	32	424	3	24	101	4	40	205	7	56	297	0	0	0
1:00am	4	32	239	2	16	48	4	40	93	6	48	394	0	0	0
2:00am	3	24	128	3	24	49	1	10	30	7	56	175	0	0	0
3:00am	3	24	94	3	24	45	2	20	36	7	56	178	0	0	0
4:00am	3	24	357	3	24	192	4	40	142	6	48	743	0	0	0
5:00am	6	48	1,941	5	40	833	4	40	792	7	56	2,395	0	0	0
6:00am	11	88	5,161	10	80	2,222	5	50	1,809	13	104	5,336	10	80	4,391
7:00am	13	104	9,262	14	112	5,599	11	110	4,842	15	120	9,112	14	112	7,833
8:00am	19	152	15,062	20	160	9,264	12	120	6,491	19	152	14,706	19	152	12,697
9:00am	16	128	10,389	15	120	5,138	9	90	4,428	15	120	7,968	13	104	6,296
10:00am	15	120	5,830	12	96	3,005	7	70	2,491	11	88	4,180	11	88	4,081
11:00am	15	120	4,109	12	96	2,170	7	70	2,105	13	104	3,796	9	72	2,283
12:00pm	12	96	3,615	12	96	1,834	8	80	2,137	12	96	2,596	13	104	2,664
1:00pm	11	88	3,243	12	96	1,779	8	80	1,667	16	128	3,822	11	88	2,361
2:00pm	13	104	4,271	10	80	1,947	10	100	2,308	11	88	3,185	12	96	2,859
3:00pm	11	88	3,909	12	96	2,046	10	100	2,975	13	104	3,958	13	104	3,208
4:00pm	14	112	4,479	17	136	2,082	14	140	2,824	14	112	3,710	11	88	2,784
5:00pm	16	128	5,165	15	120	1,879	13	130	4,163	15	120	4,075	15	120	3,777
6:00pm	18	144	4,893	15	120	1,947	11	110	3,392	15	120	2,651	13	104	2,976
7:00pm	15	120	3,231	11	88	1,105	10	100	1,715	22	176	2,552	1	8	91
8:00pm	13	104	1,745	12	96	690	11	110	1,227	22	176	1,510	0	0	0
9:00pm	17	136	1,883	12	96	391	7	70	670	19	152	1,922	0	0	0
10:00pm	11	88	2,110	10	80	371	6	60	843	15	120	3,588	0	0	0
11:00pm	7	56	1,241	8	64	323	6	60	470	9	72	575	0	0	0
TOTAL	270	2,160	92,781	248	1,984	45,060	184	1,840	47,855	309	2,472	83,424	165	1,320	58,301

Notes:
- See note on page III-0.
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SECTION B
SUBWAY BY LOCATION
BROOKLYN SECTOR, 2022-INBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			MONTAGUE ST. TUNNEL			JORALEMON ST. TUNNEL			TOTAL			
	VIA HIGH STREET A, C LINES (LOCAL)			VIA CLARK STREET 2,3 LINES (LOCAL)			VIA COURT STREET N, R LINES (LOCAL)			VIA BOROUGH HALL 4, 5 LINES (LOCAL)			BROOKLYN SECTOR			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 22	12:00am	3	24	330	0	0	0	7	62	125	0	0	0	28	238	1,482
	1:00am	2	16	74	0	0	0	5	46	51	0	0	0	23	198	899
	2:00am	2	16	48	2	20	135	6	54	23	3	30	153	27	234	741
	3:00am	3	24	79	2	20	59	7	62	28	3	30	82	30	260	601
	4:00am	3	24	218	3	30	294	5	46	82	3	30	224	30	266	2,252
	5:00am	3	24	942	3	30	639	6	54	351	3	30	1,022	37	322	8,915
	6:00am	12	96	4,528	10	100	2,912	6	60	568	11	110	4,022	88	768	30,949
	7:00am	17	136	8,984	10	100	5,031	8	80	1,637	17	170	7,415	119	1,044	59,715
	8:00am	23	184	15,013	15	150	7,829	10	100	3,203	22	220	9,137	159	1,390	93,402
	9:00am	14	112	8,850	19	190	6,408	4	40	1,255	17	170	5,568	122	1,074	56,300
	10:00am	16	128	5,559	14	140	2,624	6	60	680	19	190	3,472	111	980	31,922
	11:00am	12	96	3,757	13	130	1,984	7	70	608	16	160	2,638	104	918	23,450
	12:00pm	11	88	3,119	14	140	1,839	6	60	353	13	130	2,188	101	890	20,345
	1:00pm	13	104	3,733	13	130	1,890	6	60	411	12	120	2,096	102	894	21,002
	2:00pm	13	104	3,359	17	170	2,129	6	60	489	11	110	1,681	103	912	22,228
	3:00pm	15	120	4,156	12	120	1,751	8	80	727	16	160	2,373	110	972	25,103
	4:00pm	15	120	4,214	12	120	2,166	9	90	759	17	170	3,162	123	1,088	26,180
	5:00pm	14	112	4,287	17	170	2,278	7	70	683	16	160	3,256	128	1,130	29,563
	6:00pm	14	112	3,731	16	160	2,558	8	80	561	16	160	2,106	126	1,110	24,815
	7:00pm	15	120	2,440	16	160	1,546	6	60	221	16	160	1,526	112	992	14,427
	8:00pm	12	96	1,608	15	150	800	6	60	207	17	170	1,160	108	962	8,947
	9:00pm	9	72	811	11	110	721	5	50	122	7	70	793	87	756	7,313
	10:00pm	7	56	893	6	60	1,750	5	50	302	7	70	2,050	67	584	11,907
	11:00pm	6	48	467	5	50	511	8	72	155	4	40	416	53	462	4,158
TOTAL		254	2,032	81,200	245	2,450	47,854	157	1,526	13,601	266	2,660	56,540	2,098	18,444	526,616

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, 2022-OUTBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MONTAGUE ST.TUNNEL			
	VIA FIRST AVENUE L LINE (LOCAL)			VIA ESSEX STREET J, Z, M LINES (LOCAL)			VIA EAST BROADWAY F LINE (LOCAL)			VIA GRAND ST(B ,D) LOCAL VIA CANAL ST(N,Q) LOCAL			VIA WHITEHALL STREET N*, R LINES			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 23	12:00am	5	40	1,289	4	32	908	4	40	576	4	32	990	7	62	258
	1:00am	4	32	662	3	24	304	2	20	157	3	24	365	6	54	78
	2:00am	3	24	240	2	16	103	3	30	89	3	24	186	6	54	43
	3:00am	3	24	140	3	24	70	3	30	28	3	24	75	6	54	39
	4:00am	3	24	125	2	16	43	3	30	66	3	24	73	6	54	22
	5:00am	5	40	689	3	24	127	4	40	358	4	32	384	6	54	246
	6:00am	9	72	1,510	10	80	632	7	70	864	8	64	1,182	5	50	394
	7:00am	12	96	2,473	11	88	978	8	80	1,947	12	96	2,052	9	90	820
	8:00am	18	144	2,535	18	144	1,161	13	130	2,655	15	120	2,968	7	70	669
	9:00am	17	136	2,164	14	112	767	13	130	2,322	12	96	1,929	8	80	556
	10:00am	16	128	2,039	16	128	676	9	90	1,641	16	128	1,426	6	60	351
	11:00am	15	120	2,243	11	88	820	10	100	1,478	12	96	1,390	5	50	322
	12:00pm	12	96	2,651	12	96	912	8	80	1,419	11	88	2,123	7	70	499
	1:00pm	12	96	3,478	12	96	1,194	8	80	1,590	14	112	2,242	6	60	598
	2:00pm	12	96	4,319	12	96	1,765	8	80	2,164	14	112	3,969	6	60	683
	3:00pm	12	96	6,512	12	96	3,315	8	80	2,609	12	96	5,321	7	70	1,211
	4:00pm	13	104	9,234	14	112	4,313	11	110	4,081	15	120	8,956	8	80	1,880
	5:00pm	15	120	12,126	18	144	6,102	12	120	5,545	14	112	11,050	9	90	2,528
	6:00pm	17	136	12,870	14	112	5,538	11	110	4,852	13	104	11,699	8	80	2,570
	7:00pm	16	128	8,419	13	104	3,292	12	120	4,224	13	104	6,601	6	60	834
	8:00pm	16	128	5,842	10	80	1,983	10	100	2,481	15	120	4,730	6	60	489
	9:00pm	14	112	4,705	12	96	1,592	8	80	1,802	11	88	3,445	6	58	403
	10:00pm	12	96	4,519	12	96	1,974	6	60	1,692	7	56	2,589	5	50	575
	11:00pm	8	64	2,540	7	56	1,175	5	50	1,082	4	32	1,563	4	38	227
TOTAL	269	2,152	93,324	245	1,960	39,744	186	1,860	45,722	238	1,904	77,308	155	1,508	16,295	

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, 2022-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	6	48	1,032	1	10	220	1	10	678	3	24	794	35	298	6,745
1:00am	3	24	281	3	30	439	3	30	269	2	16	104	29	254	2,659
2:00am	3	24	188	1	10	42	3	30	103	4	32	112	28	244	1,106
3:00am	3	24	86	4	40	63	3	30	52	3	24	42	31	274	595
4:00am	3	24	83	3	30	40	2	20	60	3	24	124	28	246	636
5:00am	5	40	526	7	70	297	6	60	560	3	24	291	43	384	3,478
6:00am	9	72	1,564	6	60	670	12	120	1,587	9	72	1,141	75	660	9,544
7:00am	13	104	2,740	17	170	1,611	22	220	2,553	14	112	2,714	118	1,056	17,888
8:00am	15	120	3,110	22	220	2,331	18	180	2,221	13	104	2,443	139	1,232	20,093
9:00am	14	112	2,397	17	170	1,585	22	220	1,272	17	136	2,027	134	1,192	15,019
10:00am	15	120	1,977	12	120	1,127	17	170	1,386	10	80	1,066	117	1,024	11,689
11:00am	12	96	1,860	17	170	1,091	15	150	1,377	13	104	1,673	110	974	12,254
12:00pm	11	88	2,277	15	150	1,397	11	110	1,254	12	96	1,981	99	874	14,513
1:00pm	13	104	2,798	14	140	1,495	16	160	1,866	11	88	2,126	106	936	17,387
2:00pm	13	104	3,817	17	170	1,937	15	150	2,121	12	96	3,402	109	964	24,177
3:00pm	15	120	5,925	11	110	2,508	16	160	3,182	13	104	5,952	106	932	36,535
4:00pm	15	120	8,159	13	130	4,074	15	150	5,059	14	112	8,040	118	1,038	53,796
5:00pm	23	184	12,313	14	140	5,790	22	220	6,774	14	112	9,821	141	1,242	72,049
6:00pm	16	128	10,732	15	150	5,539	18	180	6,869	10	80	7,106	122	1,080	67,775
7:00pm	14	112	5,569	14	140	3,143	17	170	4,314	14	112	5,664	119	1,050	42,060
8:00pm	15	120	4,175	14	140	2,013	10	100	1,931	12	96	3,310	108	944	26,954
9:00pm	9	72	2,726	6	60	1,492	7	70	1,714	9	72	2,174	82	708	20,053
10:00pm	8	64	2,695	5	50	1,237	6	60	1,315	11	88	3,213	72	620	19,809
11:00pm	3	24	1,623	6	60	1,164	5	50	959	9	72	1,874	51	446	12,207
TOTAL	256	2,048	78,653	254	2,540	41,305	282	2,820	49,476	235	1,880	67,194	2,120	18,672	509,021

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, 2022 INBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL			
	VIA QUEENSBORO PLAZA & QUEENS PLAZA			VIA 23RD STREET/ELY AVE			VIA VERNON AVE/JACKSON AVE			VIA 63RD ST/LEXINGTON AVE			QUEENS SECTOR			
	N, Q, R LINES			E, M LINES			7 LINE			F LINE			TRAINs	CARS	PSGRS	
III - 25	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
	12:00am	0	0	0	5	50	275	5	55	292	4	40	286	14	145	853
	1:00am	0	0	0	2	20	110	3	33	102	2	20	82	7	73	294
	2:00am	0	0	0	3	30	85	3	33	110	4	40	89	10	103	284
	3:00am	0	0	0	2	20	54	3	33	171	3	30	82	8	83	307
	4:00am	0	0	0	2	20	248	2	22	565	3	30	336	7	72	1149
	5:00am	6	52	1,717	5	46	1,918	6	66	2,853	3	30	1,549	20	194	8,037
	6:00am	17	152	6,730	15	140	8,074	15	165	5,761	10	100	4,579	57	557	25,144
	7:00am	17	148	10,837	15	138	11,546	23	253	11,382	11	110	6,735	66	649	40,500
	8:00am	26	228	18,556	18	166	14,582	29	319	15,678	11	110	7,965	84	823	56,781
	9:00am	19	166	8,646	19	174	11,976	18	198	8,750	12	120	6,517	68	658	35,889
	10:00am	18	156	5,654	14	128	6,437	14	154	3,591	9	90	4,627	55	528	20,309
	11:00am	17	148	3,706	17	158	4,727	13	143	2,562	10	100	4,153	57	549	15,148
	12:00pm	17	148	3,959	14	128	3,343	12	132	1,500	7	70	2,684	50	478	11,486
	1:00pm	19	164	4,175	12	110	3,094	12	132	1,883	8	80	3,030	51	486	12,182
	2:00pm	16	138	3,728	15	138	4,017	12	132	1,735	9	90	3,269	52	498	12,749
	3:00pm	22	194	4,477	17	158	5,556	12	132	3,204	9	90	3,107	60	574	16,344
	4:00pm	19	168	4,128	22	206	5,057	17	187	3,355	11	110	3,287	69	671	15,827
	5:00pm	21	186	4,521	20	186	4,960	25	275	3,220	11	110	3,024	77	757	15,725
	6:00pm	14	124	2,497	20	184	4,608	21	231	2,996	13	130	2,245	68	669	12,346
	7:00pm	10	86	1,171	17	158	2,591	18	198	1,637	10	100	1,453	55	542	6,852
	8:00pm	12	100	750	15	140	1,582	16	176	962	9	90	764	52	506	4,058
	9:00pm	11	96	693	7	70	1,221	14	154	859	8	80	642	40	400	3,415
	10:00pm	8	68	629	5	50	724	11	121	821	6	60	474	30	299	2,648
	11:00pm	4	34	321	5	50	360	11	121	602	4	40	383	24	245	1,666
TOTAL	293	2,556	86,895	286	2,668	97,145	315	3,465	74,591	187	1,870	61,362	1,081	10,559	319,993	

Notes: - See note on page III-0
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SECTION B
SUBWAY BY LOCATION
QUEENS SECTOR, 2022-OUTBOUND

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL			
	VIA LEXINGTON AVE N, R, Q LINES			VIA LEXINGTON AVE E, M LINES			VIA GRAND CENTRAL 7 LINE			VIA 57TH ST/6TH AVE F LINE			QUEENS SECTOR			
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	
III - 26	12:00am	1	10	138	4	40	808	6	66	2,057	5	50	1,343	16	166	4,346
	1:00am	0	0	0	5	50	429	5	55	1,131	2	20	293	12	125	1,853
	2:00am	0	0	0	2	20	136	3	33	315	4	40	472	9	93	923
	3:00am	0	0	0	3	30	97	3	33	206	3	30	125	9	93	428
	4:00am	0	0	0	3	30	165	2	22	175	3	30	179	8	82	519
	5:00am	3	24	272	3	28	256	4	44	670	3	30	393	13	126	1,591
	6:00am	10	88	1,347	10	90	1,950	15	165	2,121	5	50	876	40	393	6,294
	7:00am	14	124	2,030	15	138	2,695	24	264	2,552	9	90	1,552	62	616	8,829
	8:00am	25	216	2,516	17	156	2,892	26	286	3,055	10	100	1,313	78	758	9,776
	9:00am	21	186	1,995	21	192	2,317	19	209	1,713	12	120	1,179	73	707	7,204
	10:00am	18	156	1,511	14	132	1,755	13	143	1,337	7	70	814	52	501	5,417
	11:00am	16	140	1,629	14	128	2,034	12	132	1,460	8	80	1,086	50	480	6,209
	12:00pm	17	148	1,782	15	136	2,863	12	132	2,107	7	70	1,433	51	486	8,185
	1:00pm	19	164	2,544	16	150	4,046	12	132	2,342	8	80	1,508	55	526	10,440
	2:00pm	20	174	3,717	13	118	5,609	12	132	3,603	10	100	2,925	55	524	15,854
	3:00pm	18	156	5,830	16	150	9,046	15	165	6,997	10	100	3,734	59	571	25,607
	4:00pm	19	168	7,456	19	176	12,461	16	176	9,947	11	110	4,776	65	630	34,640
	5:00pm	23	202	11,388	23	214	16,393	26	286	14,193	14	140	6,890	86	842	48,864
	6:00pm	17	152	8,906	18	166	10,679	21	231	10,605	12	120	6,767	68	669	36,957
	7:00pm	15	134	5,653	17	158	7,710	20	220	7,282	10	100	4,119	62	612	24,764
	8:00pm	12	104	3,723	18	168	6,022	15	165	4,783	11	110	2,825	56	547	17,353
	9:00pm	16	144	3,566	12	116	3,885	13	143	3,619	8	80	2,249	49	483	13,319
	10:00pm	13	114	3911	6	60	3324	12	132	3,878	7	70	2,190	38	376	13,303
	11:00pm	6	54	2104	6	60	2468	9	99	3,094	6	60	1,899	27	273	9,565
TOTAL	303	2,658	72,018	290	2,706	100,040	315	3,465	89,242	185	1,850	50,940	1,093	10,679	312,240	

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, 2022-INBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	2	16	28	2	14	8	4	30	36
1:00am	1	8	19	2	14	26	3	22	45
2:00am	2	16	30	1	7	8	3	23	38
3:00am	1	8	18	2	14	36	3	22	54
4:00am	2	16	120	1	7	40	3	23	160
5:00am	3	24	578	2	14	279	5	38	857
6:00am	14	108	2,085	11	77	1,560	25	185	3,645
7:00am	19	145	6,342	20	140	4,614	39	285	10,956
8:00am	22	166	11,068	21	147	9,542	43	313	20,610
9:00am	21	159	5,940	21	147	6,922	42	306	12,862
10:00am	10	75	1,765	12	84	2,815	22	159	4,580
11:00am	7	52	1,191	10	70	1,784	17	122	2,975
12:00pm	7	52	1,048	10	70	1,566	17	122	2,614
1:00pm	7	52	888	10	70	1,317	17	122	2,205
2:00pm	7	52	861	10	70	1,196	17	122	2,057
3:00pm	10	75	1,066	12	84	1,279	22	159	2,345
4:00pm	17	129	1,352	17	119	1,801	34	248	3,153
5:00pm	21	159	2,197	20	140	2,718	41	299	4,915
6:00pm	20	152	1,505	20	140	2,402	40	292	3,907
7:00pm	14	107	697	14	98	1,194	28	205	1,891
8:00pm	11	83	298	12	84	521	23	167	819
9:00pm	10	75	235	11	77	287	21	152	522
10:00pm	8	60	179	8	56	216	16	116	395
11:00pm	4	30	73	3	21	93	7	51	166
TOTAL	240	1,819	39,583	252	1,764	42,224	492	3,583	81,807

NEW JERSEY SECTOR, 2022-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	1	8	170	2	14	338	3	22	508
1:00am	2	16	193	1	7	91	3	23	284
2:00am	1	8	50	2	14	124	3	22	174
3:00am	2	16	78	1	7	37	3	23	115
4:00am	1	8	22	2	14	50	3	22	72
5:00am	4	31	134	2	14	69	6	45	203
6:00am	16	122	473	10	70	336	26	192	809
7:00am	19	145	997	20	140	1,055	39	285	2,052
8:00am	22	166	1,745	22	154	1,583	44	320	3,328
9:00am	15	113	844	20	140	802	35	253	1,646
10:00am	10	75	481	12	84	448	22	159	929
11:00am	7	52	499	10	70	497	17	122	996
12:00pm	7	52	604	10	70	689	17	122	1,293
1:00pm	7	52	895	10	70	859	17	122	1,754
2:00pm	7	52	1,129	10	70	1,184	17	122	2,313
3:00pm	10	75	2,314	12	84	2,097	22	159	4,411
4:00pm	21	159	5,066	17	119	3,754	38	278	8,820
5:00pm	22	166	8,766	20	140	7,163	42	306	15,929
6:00pm	19	145	6,131	21	147	6,611	40	292	12,742
7:00pm	14	107	3,037	14	98	3,834	28	205	6,871
8:00pm	11	83	2,091	12	84	2,830	23	167	4,921
9:00pm	10	75	1,353	10	70	2,099	20	145	3,452
10:00pm	8	60	1,002	8	56	1,721	16	116	2,723
11:00pm	3	24	690	4	28	1,275	7	52	1,965
TOTAL	239	1,810	38,764	252	1,764	39,546	491	3,574	78,310

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, 2022-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	33	94	10	90	832	4	33	148	19	156	1,074
1:00am	5	37	45	8	64	292	4	27	241	17	128	578
2:00am	2	14	15	8	52	354	2	17	61	12	83	430
3:00am	0	0	0	2	20	136	0	0	0	2	20	136
4:00am	0	0	0	6	54	717	0	0	0	6	54	717
5:00am	6	39	1,194	9	74	3,051	6	53	1,366	21	166	5,611
6:00am	17	107	4,373	21	182	10,878	11	94	4,114	49	383	19,365
7:00am	38	247	13,267	33	260	18,089	15	122	7,820	86	629	39,176
8:00am	47	326	19,473	38	347	25,223	21	191	10,095	106	864	54,791
9:00am	32	207	9,700	25	168	9,379	17	130	7,371	74	505	26,450
10:00am	14	88	3,865	16	126	4,723	9	65	2,873	39	279	11,461
11:00am	9	62	2,606	16	125	3,495	12	81	2,324	37	268	8,425
12:00pm	10	67	2,113	14	117	2,792	10	71	2,280	34	255	7,185
1:00pm	8	56	1,554	11	88	2,130	10	78	2,407	29	222	6,091
2:00pm	11	75	1,792	15	107	1,984	8	63	1,571	34	245	5,347
3:00pm	12	75	1,808	17	133	2,961	9	66	2,418	38	274	7,187
4:00pm	13	84	2,113	15	119	2,575	9	71	3,357	37	274	8,045
5:00pm	16	104	2,785	18	129	2,951	12	95	2,968	46	328	8,704
6:00pm	14	93	2,371	16	98	2,485	15	110	3,018	45	301	7,874
7:00pm	14	99	1,475	20	155	3,115	9	69	1,241	43	323	5,831
8:00pm	10	66	708	12	108	1,303	10	68	993	32	242	3,004
9:00pm	9	61	662	13	86	1,325	11	81	1,273	33	228	3,260
10:00pm	7	46	387	13	111	1,395	7	58	729	27	215	2,511
11:00pm	5	34	151	11	96	973	4	29	545	20	159	1,669
TOTAL	304	2,020	72,551	367	2,909	103,158	215	1,672	59,213	886	6,601	234,922

SUMMARY, 2022-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	45	624	11	78	933	5	44	749	23	167	2,306
1:00am	8	53	363	8	54	458	2	16	349	18	123	1,170
2:00am	0	0	0	3	22	194	0	0	0	3	22	194
3:00am	0	0	0	6	38	200	2	10	161	8	48	361
4:00am	0	0	0	1	10	105	4	27	149	5	37	254
5:00am	5	34	177	7	74	899	5	43	254	17	151	1,330
6:00am	15	99	733	8	62	1,193	11	81	906	34	242	2,832
7:00am	17	109	1,819	13	94	2,214	12	84	1,591	42	287	5,624
8:00am	12	82	1,305	17	134	2,514	11	96	1,475	40	312	5,294
9:00am	11	77	956	11	92	1,537	13	100	2,046	35	269	4,539
10:00am	11	71	1,047	15	105	1,528	10	70	1,238	36	246	3,813
11:00am	9	62	1,027	15	125	1,822	9	68	1,285	33	255	4,134
12:00pm	8	48	1,114	16	112	1,961	8	60	1,777	32	220	4,852
1:00pm	10	63	1,770	12	109	2,875	8	58	1,777	30	230	6,422
2:00pm	14	91	3,066	15	124	4,685	12	84	2,797	41	299	10,548
3:00pm	18	119	5,220	25	187	10,310	14	111	4,554	57	417	20,084
4:00pm	28	185	9,202	27	228	13,517	16	117	8,509	71	530	31,228
5:00pm	45	294	17,176	42	355	21,586	19	163	10,120	106	812	48,882
6:00pm	35	232	10,947	30	223	12,935	20	170	9,586	85	625	33,468
7:00pm	17	112	5,348	16	134	6,147	13	100	3,980	46	346	15,475
8:00pm	13	88	3,516	15	122	5,490	11	83	3,430	39	293	12,436
9:00pm	12	81	2,749	14	102	2,645	6	54	2,075	32	237	7,469
10:00pm	8	59	1,984	13	82	3,289	6	53	1,625	27	194	6,898
11:00pm	6	39	1,190	13	100	2,631	3	25	1,060	22	164	4,881
TOTAL	309	2,043	71,333	353	2,766	101,668	220	1,717	61,493	882	6,526	234,494

Note: See note on page III-0.

SECTION C
SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE
60TH STREET SECTOR, 2022-INBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE					
	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS
12:00am	1	6	16	2	12	25	2	15	53	0	0	0	5	33	94
1:00am	1	8	9	2	14	11	2	15	25	0	0	0	5	37	45
2:00am	1	8	8	0	0	0	1	6	7	0	0	0	2	14	15
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	408	2	14	368	2	12	418	0	0	0	6	39	1,194
6:00am	4	26	908	7	42	1,812	6	39	1,653	0	0	0	17	107	4,373
7:00am	11	69	2,852	11	70	4,198	16	108	6,217	0	0	0	38	247	13,267
8:00am	11	73	3,436	14	92	6,200	21	156	9,599	1	5	238	47	326	19,473
9:00am	8	50	1,918	10	64	3,314	13	88	4,210	1	5	258	32	207	9,700
10:00am	4	26	798	4	24	1,193	6	38	1,874	0	0	0	14	88	3,865
11:00am	2	13	449	2	14	677	4	30	1,238	1	5	242	9	62	2,606
12:00pm	2	13	412	2	14	568	4	30	891	2	10	242	10	67	2,113
1:00pm	2	13	351	2	12	471	4	31	732	0	0	0	8	56	1,554
2:00pm	3	23	380	3	18	555	4	29	634	1	5	223	11	75	1,792
3:00pm	3	19	347	3	20	487	4	26	791	2	10	183	12	75	1,808
4:00pm	3	19	417	5	32	826	5	33	870	0	0	0	13	84	2,113
5:00pm	3	19	505	5	32	806	6	43	1,289	2	10	185	16	104	2,785
6:00pm	4	28	418	4	26	666	5	34	1,168	1	5	119	14	93	2,371
7:00pm	4	28	220	4	26	450	5	40	660	1	5	145	14	99	1,475
8:00pm	2	13	140	4	24	217	4	29	351	0	0	0	10	66	708
9:00pm	2	13	121	2	14	116	3	22	257	2	12	168	9	61	662
10:00pm	2	13	83	2	12	118	3	21	186	0	0	0	7	46	387
11:00pm	1	6	13	2	12	61	2	16	77	0	0	0	5	34	151
TOTAL	76	499	14,209	92	588	23,139	122	861	33,200	14	72	2,003	304	2,020	72,551

60TH STREET SECTOR, 2022-OUTBOUND

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE					
	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS	TRAIN	CARS	PSGRS
12:00am	3	19	150	2	12	216	2	14	258	0	0	0	7	45	624
1:00am	1	6	42	3	20	134	4	27	187	0	0	0	8	53	363
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	6	17	1	6	23	3	22	137	0	0	0	5	34	177
6:00am	4	26	150	6	40	186	5	33	397	0	0	0	15	99	733
7:00am	5	34	400	6	38	535	4	25	660	2	12	224	17	109	1,819
8:00am	3	19	209	4	24	365	5	39	731	0	0	0	12	82	1,305
9:00am	3	19	154	4	28	324	4	30	478	0	0	0	11	77	956
10:00am	2	15	176	3	18	272	4	28	386	2	10	213	11	71	1,047
11:00am	2	13	202	2	16	227	4	28	404	1	5	194	9	62	1,027
12:00pm	2	13	267	2	12	335	4	23	512	0	0	0	8	48	1,114
1:00pm	2	13	360	2	12	460	4	28	747	2	10	203	10	63	1,770
2:00pm	3	19	688	5	32	1,038	4	30	1,110	2	10	230	14	91	3,066
3:00pm	4	28	1,083	7	42	1,840	6	44	2,127	1	5	170	18	119	5,220
4:00pm	6	40	2,004	10	66	2,791	11	74	4,166	1	5	241	28	185	9,202
5:00pm	12	77	3,792	13	84	5,420	19	128	7,770	1	5	194	45	294	17,176
6:00pm	8	53	2,118	12	76	3,457	15	103	5,372	0	0	0	35	232	10,947
7:00pm	4	26	935	6	40	2,037	6	41	2,140	1	5	236	17	112	5,348
8:00pm	3	19	486	4	26	1,116	5	38	1,800	1	5	114	13	88	3,516
9:00pm	5	32	688	3	18	618	4	31	1,443	0	0	0	12	81	2,749
10:00pm	3	23	423	1	6	374	4	30	1,187	0	0	0	8	59	1,984
11:00pm	2	13	275	2	12	443	2	14	472	0	0	0	6	39	1,190
TOTAL	78	513	14,619	98	628	22,211	119	830	32,484	14	72	2,019	309	2,043	71,333

Note: See note on page III-0.

SECTION C
SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
QUEENS SECTOR, 2022-INBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
				N.E. CORRIDOR					
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	10	90	832	0	0	0	10	90	832
1:00am	8	64	292	0	0	0	8	64	292
2:00am	6	42	210	2	10	144	8	52	354
3:00am	2	20	136	0	0	0	2	20	136
4:00am	6	54	717	0	0	0	6	54	717
5:00am	9	74	3,051	0	0	0	9	74	3,051
6:00am	21	182	10,878	0	0	0	21	182	10,878
7:00am	33	260	18,089	0	0	0	33	260	18,089
8:00am	37	342	24,986	1	5	237	38	347	25,223
9:00am	21	144	8,716	4	24	663	25	168	9,379
10:00am	14	114	4,393	2	12	330	16	126	4,723
11:00am	15	120	3,216	1	5	279	16	125	3,495
12:00pm	12	104	2,136	2	13	656	14	117	2,792
1:00pm	11	88	2,130	0	0	0	11	88	2,130
2:00pm	14	102	1,753	1	5	231	15	107	1,984
3:00pm	12	96	2,130	5	37	831	17	133	2,961
4:00pm	14	114	2,377	1	5	198	15	119	2,575
5:00pm	17	124	2,739	1	5	212	18	129	2,951
6:00pm	15	91	2,226	1	7	259	16	98	2,485
7:00pm	14	120	2,201	6	35	914	20	155	3,115
8:00pm	12	108	1,303	0	0	0	12	108	1,303
9:00pm	13	86	1,325	0	0	0	13	86	1,325
10:00pm	12	104	1,113	1	7	282	13	111	1,395
11:00pm	11	96	973	0	0	0	11	96	973
TOTAL	339	2,739	97,922	28	170	5,236	367	2,909	103,158

QUEENS SECTOR, 2022-OUTBOUND

HOURS	MTA LIRR			AMTRAK			TOTAL		
				N.E. CORRIDOR					
	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS	TRAINs	CARS	PSGRS
12:00am	11	78	933	0	0	0	11	78	933
1:00am	8	54	458	0	0	0	8	54	458
2:00am	1	12	85	2	10	109	3	22	194
3:00am	6	38	200	0	0	0	6	38	200
4:00am	1	10	105	0	0	0	1	10	105
5:00am	7	74	899	0	0	0	7	74	899
6:00am	8	62	1,193	0	0	0	8	62	1,193
7:00am	13	94	2,214	0	0	0	13	94	2,214
8:00am	17	134	2,514	0	0	0	17	134	2,514
9:00am	9	82	1,338	2	10	199	11	92	1,537
10:00am	14	100	1,271	1	5	257	15	105	1,528
11:00am	11	100	1,325	4	25	497	15	125	1,822
12:00pm	14	98	1,658	2	14	303	16	112	1,961
1:00pm	11	104	2,635	1	5	240	12	109	2,875
2:00pm	13	110	4,360	2	14	325	15	124	4,685
3:00pm	22	168	9,757	3	19	553	25	187	10,310
4:00pm	27	228	13,517	0	0	0	27	228	13,517
5:00pm	38	330	20,817	4	25	769	42	355	21,586
6:00pm	27	204	12,543	3	19	392	30	223	12,935
7:00pm	14	122	5,676	2	12	471	16	134	6,147
8:00pm	15	122	5,490	0	0	0	15	122	5,490
9:00pm	14	102	2,645	0	0	0	14	102	2,645
10:00pm	13	82	3,289	0	0	0	13	82	3,289
11:00pm	13	100	2,631	0	0	0	13	100	2,631
TOTAL	327	2,608	97,553	26	158	4,115	353	2,766	101,668

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE NEW JERSEY SECTOR, 2022-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	133	1	9	15	0	0	0	4	33	148
1:00am	2	17	91	0	0	0	2	10	150	4	27	241
2:00am	2	17	61	0	0	0	0	0	0	2	17	61
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	1,058	2	18	308	0	0	0	6	53	1,366
6:00am	6	54	2,103	4	33	2,011	1	7	0	11	94	4,114
7:00am	10	80	5,393	4	34	1,936	1	8	491	15	122	7,820
8:00am	10	101	4,705	8	75	4,788	3	15	602	21	191	10,095
9:00am	10	81	4,797	4	34	1,971	3	15	603	17	130	7,371
10:00am	3	22	1,253	3	26	860	3	17	760	9	65	2,873
11:00am	2	18	578	3	25	907	7	38	839	12	81	2,324
12:00pm	2	18	720	2	17	554	6	36	1,006	10	71	2,280
1:00pm	4	38	1,391	2	16	499	4	24	517	10	78	2,407
2:00pm	3	28	582	2	16	399	3	19	590	8	63	1,571
3:00pm	3	25	1,259	2	17	582	4	24	577	9	66	2,418
4:00pm	5	43	2,099	2	17	660	2	11	598	9	71	3,357
5:00pm	4	36	1,414	4	35	1,025	4	24	529	12	95	2,968
6:00pm	6	55	1,428	2	16	507	7	39	1,083	15	110	3,018
7:00pm	4	34	433	3	23	428	2	12	380	9	69	1,241
8:00pm	3	24	270	2	17	229	5	27	494	10	68	993
9:00pm	3	28	402	2	19	121	6	34	750	11	81	1,273
10:00pm	4	37	597	2	18	111	1	3	21	7	58	729
11:00pm	1	8	297	2	16	83	1	5	165	4	29	545
TOTAL	94	823	31,064	56	481	17,994	65	368	10,155	215	1,672	59,213

NEW JERSEY SECTOR, 2022-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	613	3	27	136	0	0	0	5	44	749
1:00am	2	16	349	0	0	0	0	0	0	2	16	349
2:00am	0	0	0	0	0	0	0	0	0	0	0	0
3:00am	0	0	0	0	0	0	2	10	161	2	10	161
4:00am	2	17	80	0	0	0	2	10	69	4	27	149
5:00am	4	34	244	1	9	10	0	0	0	5	43	254
6:00am	5	41	429	3	27	204	3	13	273	11	81	906
7:00am	4	34	598	3	24	368	5	26	625	12	84	1,591
8:00am	5	44	811	4	36	306	2	16	358	11	96	1,475
9:00am	5	47	1,019	3	24	221	5	29	806	13	100	2,046
10:00am	2	18	330	3	25	252	5	27	656	10	70	1,238
11:00am	3	26	389	2	16	194	4	26	702	9	68	1,285
12:00pm	3	25	869	2	17	371	3	18	537	8	60	1,777
1:00pm	3	27	908	2	16	470	3	15	399	8	58	1,777
2:00pm	4	37	1,567	2	17	545	6	30	685	12	84	2,797
3:00pm	5	44	2,509	2	17	683	7	50	1,362	14	111	4,554
4:00pm	7	55	4,267	5	40	3,431	4	22	811	16	117	8,509
5:00pm	10	95	5,651	5	46	3,579	4	22	890	19	163	10,120
6:00pm	9	87	5,022	7	61	3,699	4	22	865	20	170	9,586
7:00pm	6	51	2,159	3	24	1,137	4	25	684	13	100	3,980
8:00pm	5	42	1,705	3	26	1,219	3	15	506	11	83	3,430
9:00pm	4	36	1,698	2	18	377	0	0	0	6	54	2,075
10:00pm	3	26	912	3	27	713	0	0	0	6	53	1,625
11:00pm	2	19	594	1	6	466	0	0	0	3	25	1,060
TOTAL	95	838	32,723	59	503	18,381	66	376	10,389	220	1,717	61,493

SECTION D
AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR
SUMMARY, 2022-INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	7,852	4,792	1,502	1,599	15,745
1:00am	4,646	2,890	956	1,027	9,519
2:00am	3,271	2,060	953	790	7,074
3:00am	2,986	1,956	1,439	962	7,343
4:00am	4,378	3,177	2,772	1,889	12,216
5:00am	10,012	7,206	5,291	6,206	28,715
6:00am	15,945	11,564	6,701	9,121	43,331
7:00am	19,017	12,407	7,679	9,602	48,705
8:00am	20,878	12,446	7,354	8,802	49,480
9:00am	20,006	11,971	7,278	7,658	46,913
10:00am	18,623	11,167	6,722	7,351	43,863
11:00am	17,888	9,707	6,033	6,530	40,158
12:00pm	18,320	10,028	5,924	6,028	40,300
1:00pm	17,981	10,081	6,006	5,083	39,151
2:00pm	18,130	10,496	6,529	5,308	40,463
3:00pm	18,794	10,549	6,542	5,010	40,895
4:00pm	19,346	9,261	7,083	5,228	40,918
5:00pm	20,832	9,189	6,669	5,410	42,100
6:00pm	20,564	9,856	6,691	4,909	42,020
7:00pm	18,656	9,571	5,725	4,873	38,825
8:00pm	16,542	8,848	4,290	4,312	33,992
9:00pm	15,635	8,799	3,847	4,822	33,103
10:00pm	15,065	8,719	3,814	4,377	31,975
11:00pm	12,334	7,195	2,808	2,601	24,938
TOTAL	357,701	203,935	120,608	119,498	801,742

Notes:

- See note on page III-0.
- New Jersey Sector - Lincoln and Holland Tunnels' (LTHT) counts exclude small commuter buses.
- The 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 upper ramp were excluded as these are not actually in the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

SECTION D
AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR
SUMMARY, 2022-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,027	6,191	4,840	2,684	21,742
1:00am	4,784	3,346	2,706	2,127	12,963
2:00am	3,333	2,143	1,870	1,180	8,526
3:00am	2,849	1,802	1,685	1,127	7,463
4:00am	3,614	2,723	2,517	1,595	10,449
5:00am	6,757	6,128	3,884	2,194	18,963
6:00am	12,174	9,264	5,677	3,377	30,492
7:00am	15,793	9,991	5,802	4,418	36,004
8:00am	15,799	10,394	5,150	4,540	35,883
9:00am	15,343	9,303	4,568	4,204	33,418
10:00am	15,265	9,107	5,462	4,401	34,235
11:00am	14,950	9,403	6,134	5,171	35,658
12:00pm	15,681	9,968	7,142	5,745	38,536
1:00pm	16,650	10,500	7,319	6,816	41,285
2:00pm	17,570	11,396	8,145	7,503	44,614
3:00pm	18,922	12,027	9,320	8,573	48,842
4:00pm	18,802	13,531	9,866	8,319	50,518
5:00pm	18,620	13,900	9,394	7,691	49,605
6:00pm	18,801	13,614	8,434	6,600	47,449
7:00pm	17,734	12,949	8,783	6,759	46,225
8:00pm	15,945	11,956	8,387	6,373	42,661
9:00pm	16,018	10,918	7,418	5,915	40,269
10:00pm	15,683	10,186	7,104	5,823	38,796
11:00pm	12,852	9,758	6,725	5,085	34,420
TOTAL	321,966	220,498	148,332	118,220	809,016

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.
- The 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 upper ramp were excluded as these are not actually in the CBD but passing over it. 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
60TH STREET SECTOR, 2022-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	2,750	136	1,793	415	215	626	313	536	248	820	7,852
1:00am	1,553	63	1,083	312	85	381	186	341	140	502	4,646
2:00am	1,040	47	794	191	51	287	137	223	76	425	3,271
3:00am	843	53	809	204	47	251	112	181	53	433	2,986
4:00am	1,486	87	1,044	215	55	312	107	211	86	775	4,378
5:00am	3,779	158	1,788	409	148	716	158	366	140	2,350	10,012
6:00am	5,530	419	1,948	636	438	1,181	347	580	417	4,449	15,945
7:00am	6,621	423	1,997	741	920	1,588	607	948	854	4,318	19,017
8:00am	6,100	452	2,161	927	1,309	1,921	1,082	1,089	1,155	4,682	20,878
9:00am	6,218	421	1,933	849	1,217	1,595	1,073	1,092	981	4,627	20,006
10:00am	5,638	490	2,092	799	1,174	1,393	1,062	1,022	898	4,055	18,623
11:00am	5,866	521	2,056	821	1,148	1,267	956	935	833	3,485	17,888
12:00pm	6,255	580	2,038	912	1,106	1,184	1,015	910	896	3,424	18,320
1:00pm	5,939	569	2,257	845	1,042	1,189	919	1,004	887	3,330	17,981
2:00pm	5,566	523	2,360	839	1,100	1,122	992	1,086	868	3,674	18,130
3:00pm	5,542	693	2,355	885	1,117	1,167	1,027	982	987	4,039	18,794
4:00pm	5,553	872	2,347	930	1,190	1,242	1,119	1,053	1,008	4,032	19,346
5:00pm	6,391	773	2,680	1,031	1,315	1,278	1,080	1,156	1,068	4,060	20,832
6:00pm	5,995	665	2,743	1,043	1,244	1,348	1,042	1,102	1,330	4,052	20,564
7:00pm	5,636	658	2,548	937	1,125	1,369	1,022	932	1,142	3,287	18,656
8:00pm	5,599	508	2,438	851	959	1,350	838	878	893	2,228	16,542
9:00pm	5,254	368	2,382	772	836	1,366	823	883	768	2,183	15,635
10:00pm	5,178	317	2,348	674	836	1,397	768	884	776	1,887	15,065
11:00pm	4,087	304	2,214	642	589	1,133	567	849	539	1,410	12,334
TOTAL	114,419	10,100	48,208	16,880	19,266	26,663	17,352	19,243	17,043	68,527	357,701

Notes: - See note on page III-0.

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

- The 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 upper ramp were excluded as these are not actually in the CBD but passing over it. 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
60TH STREET SECTOR, 2022-OUTBOUND

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	THIRD AVE	PARK AVE	MADISON AVE	EIGHTH AVE	BROADWAY	AMSTERDAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	1,820	361	1,053	876	359	660	345	119	544	85	1,805	8,027
1:00am	1,251	165	560	562	258	368	187	75	321	50	987	4,784
2:00am	945	143	350	426	154	228	109	55	238	35	650	3,333
3:00am	791	142	348	368	158	186	92	49	194	23	498	2,849
4:00am	1,129	222	405	466	185	209	107	59	280	49	503	3,614
5:00am	2,394	391	732	833	350	409	225	117	508	108	690	6,757
6:00am	4,455	660	1,083	1,285	623	657	381	215	833	316	1,666	12,174
7:00am	4,484	880	1,487	1,774	944	1,068	590	353	1,003	614	2,596	15,793
8:00am	4,015	889	1,490	1,821	1,167	980	665	424	964	716	2,668	15,799
9:00am	4,314	838	1,424	1,754	1,088	951	543	399	989	653	2,390	15,343
10:00am	3,862	935	1,263	1,640	1,099	1,121	735	372	996	565	2,677	15,265
11:00am	3,806	752	1,312	1,594	1,096	1,138	714	310	1,014	534	2,680	14,950
12:00pm	3,827	826	1,281	1,760	1,094	1,204	772	347	1,068	479	3,023	15,681
1:00pm	3,969	750	1,348	1,856	1,091	1,243	799	362	1,166	452	3,614	16,650
2:00pm	4,320	790	1,418	1,830	1,156	1,277	768	375	1,150	543	3,943	17,570
3:00pm	4,546	798	1,406	1,802	1,278	1,359	906	477	1,374	689	4,287	18,922
4:00pm	4,323	810	1,605	1,844	1,315	1,323	948	525	1,607	1,034	3,468	18,802
5:00pm	4,201	813	1,570	2,168	1,396	1,360	936	539	1,752	925	2,960	18,620
6:00pm	4,214	840	1,417	2,312	1,365	1,549	979	495	1,655	660	3,315	18,801
7:00pm	4,318	592	1,291	2,017	1,191	1,646	915	382	1,363	493	3,526	17,734
8:00pm	4,272	650	1,240	1,746	1,038	1,314	695	265	1,078	312	3,335	15,945
9:00pm	4,423	676	1,131	1,723	927	1,330	764	288	1,040	268	3,448	16,018
10:00pm	4,105	634	1,177	1,496	834	1,347	641	263	1,096	246	3,844	15,683
11:00pm	3,161	548	1,353	1,322	649	1,174	519	231	927	168	2,800	12,852
TOTAL	82,945	15,105	27,744	35,275	20,815	24,101	14,335	7,096	23,160	10,017	61,373	321,966

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 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 upper ramp were excluded as these are not actually in the CBD but passing over it. 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, 2022-INBOUND

III - 36

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	2,231	913	1,492	156	4,792	720	782	1,502	1	1,598	1,599	7,893
1:00am	1,158	572	1,087	73	2,890	342	614	956	4	1,023	1,027	4,873
2:00am	723	451	846	40	2,060	234	719	953	3	787	790	3,803
3:00am	559	453	901	43	1,956	242	1,197	1,439	0	962	962	4,357
4:00am	782	663	1,556	176	3,177	528	2,244	2,772	311	1,578	1,889	7,838
5:00am	1,708	1,359	2,921	1,218	7,206	1,696	3,595	5,291	2,682	3,524	6,206	18,703
6:00am	2,971	2,508	2,971	3,114	11,564	3,055	3,646	6,701	3,370	5,751	9,121	27,386
7:00am	3,269	3,055	3,027	3,056	12,407	4,169	3,510	7,679	3,723	5,879	9,602	29,688
8:00am	3,404	3,077	2,682	3,283	12,446	4,479	2,875	7,354	3,562	5,240	8,802	28,602
9:00am	3,228	2,948	2,424	3,371	11,971	4,913	2,365	7,278	3,452	4,206	7,658	26,907
10:00am	3,370	2,491	2,461	2,845	11,167	4,404	2,318	6,722	3,336	4,015	7,351	25,240
11:00am	2,953	2,135	2,280	2,339	9,707	3,570	2,463	6,033	3,023	3,507	6,530	22,270
12:00pm	3,282	1,977	2,291	2,478	10,028	3,458	2,466	5,924	2,885	3,143	6,028	21,980
1:00pm	3,372	1,999	2,349	2,361	10,081	3,341	2,665	6,006	2,488	2,595	5,083	21,170
2:00pm	3,420	2,282	2,565	2,229	10,496	3,695	2,834	6,529	2,607	2,701	5,308	22,333
3:00pm	3,523	2,017	2,653	2,356	10,549	3,766	2,776	6,542	2,777	2,233	5,010	22,101
4:00pm	3,118	2,037	2,559	1,547	9,261	4,133	2,950	7,083	3,000	2,228	5,228	21,572
5:00pm	3,116	2,091	2,536	1,446	9,189	4,037	2,632	6,669	3,115	2,295	5,410	21,268
6:00pm	2,773	2,856	2,736	1,491	9,856	3,924	2,767	6,691	2,923	1,986	4,909	21,456
7:00pm	3,120	2,322	2,322	1,807	9,571	3,395	2,330	5,725	2,676	2,197	4,873	20,169
8:00pm	3,117	1,990	2,584	1,157	8,848	2,313	1,977	4,290	2,255	2,057	4,312	17,450
9:00pm	3,339	2,045	2,486	929	8,799	2,161	1,686	3,847	2,544	2,278	4,822	17,468
10:00pm	3,388	2,045	2,521	765	8,719	2,303	1,511	3,814	2,288	2,089	4,377	16,910
11:00pm	2,779	1,813	2,123	480	7,195	1,758	1,050	2,808	11	2,590	2,601	12,604
TOTAL	64,703	46,099	54,373	38,760	203,935	66,636	53,972	120,608	53,036	66,462	119,498	444,041

Notes:

- See note on page III-0.
- New Jersey Sector - Lincoln and Holland Tunnels' (LTHT) counts exclude small commuter buses.
- The 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 upper ramp were excluded as these are not actually in the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.
- Holland Tunnel had overnight road closures between 11 PM and 4 AM for road construction work, leading to low volume counts.

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		
III - 37	12:00am	1,493	1,553	2,452	693	6,191	1,564	3,276	4,840	966	1,718	2,684	13,715
	1:00am	798	850	1,342	356	3,346	728	1,978	2,706	1,085	1,042	2,127	8,179
	2:00am	542	556	868	177	2,143	479	1,391	1,870	722	458	1,180	5,193
	3:00am	637	407	672	86	1,802	470	1,215	1,685	676	451	1,127	4,614
	4:00am	1,327	444	884	68	2,723	902	1,615	2,517	907	688	1,595	6,835
	5:00am	3,086	1,123	1,746	173	6,128	1,418	2,466	3,884	1,462	732	2,194	12,206
	6:00am	4,223	1,649	2,735	657	9,264	2,105	3,572	5,677	2,138	1,239	3,377	18,318
	7:00am	4,046	1,989	2,836	1,120	9,991	2,118	3,684	5,802	2,665	1,753	4,418	20,211
	8:00am	3,920	2,319	2,920	1,235	10,394	2,000	3,150	5,150	2,644	1,896	4,540	20,084
	9:00am	3,580	2,055	2,397	1,271	9,303	1,872	2,696	4,568	2,412	1,792	4,204	18,075
	10:00am	3,221	1,966	2,600	1,320	9,107	2,165	3,297	5,462	2,340	2,061	4,401	18,970
	11:00am	3,221	2,103	2,651	1,428	9,403	2,781	3,353	6,134	2,562	2,609	5,171	20,708
	12:00pm	3,169	2,295	2,620	1,884	9,968	3,543	3,599	7,142	2,620	3,125	5,745	22,855
	1:00pm	3,184	2,361	2,971	1,984	10,500	3,570	3,749	7,319	2,691	4,125	6,816	24,635
	2:00pm	3,378	2,536	3,052	2,430	11,396	3,948	4,197	8,145	2,647	4,856	7,503	27,044
	3:00pm	3,165	2,699	3,152	3,011	12,027	4,071	5,249	9,320	2,857	5,716	8,573	29,920
	4:00pm	3,342	3,264	3,652	3,273	13,531	4,265	5,601	9,866	2,736	5,583	8,319	31,716
	5:00pm	3,550	3,304	3,692	3,354	13,900	3,896	5,498	9,394	2,673	5,018	7,691	30,985
	6:00pm	3,447	3,275	3,479	3,413	13,614	3,574	4,860	8,434	2,448	4,152	6,600	28,648
	7:00pm	3,348	3,163	3,420	3,018	12,949	3,566	5,217	8,783	2,704	4,055	6,759	28,491
	8:00pm	3,482	2,754	3,428	2,292	11,956	3,559	4,828	8,387	2,763	3,610	6,373	26,716
	9:00pm	3,544	2,594	3,180	1,600	10,918	3,312	4,106	7,418	2,719	3,196	5,915	24,251
	10:00pm	3,464	2,272	3,045	1,405	10,186	3,270	3,834	7,104	2,731	3,092	5,823	23,113
	11:00pm	2,880	2,272	3,192	1,414	9,758	2,864	3,861	6,725	2,532	2,553	5,085	21,568
TOTAL		70,047	49,803	62,986	37,662	220,498	62,040	86,292	148,332	52,700	65,520	118,220	487,050

Notes: - See note on page III-0.

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

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

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2022
INBOUND **OUTBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL	HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSY SECTOR	TOTAL
12:00am	5,880	4,033	1,190	1,253	12,356	12:00am	6,176	4,606	3,630	2,148	16,560
1:00am	3,485	2,418	769	805	7,477	1:00am	3,680	2,487	2,052	1,694	9,913
2:00am	2,461	1,715	777	619	5,572	2:00am	2,564	1,587	1,422	937	6,510
3:00am	2,257	1,620	1,185	754	5,816	3:00am	2,184	1,324	1,275	895	5,678
4:00am	3,330	2,630	2,277	1,481	9,718	4:00am	2,766	1,994	1,874	1,268	7,902
5:00am	7,693	6,018	4,277	5,736	23,724	5:00am	5,155	4,471	2,888	2,031	14,545
6:00am	13,012	9,773	5,893	7,440	36,118	6:00am	9,807	6,627	3,852	2,797	23,083
7:00am	14,914	10,623	6,447	6,868	38,852	7:00am	12,631	7,240	3,857	3,345	27,073
8:00am	15,849	10,550	5,924	6,439	38,762	8:00am	12,409	7,509	3,529	3,478	26,925
9:00am	15,263	10,134	5,685	5,690	36,772	9:00am	11,784	6,728	3,215	3,280	25,007
10:00am	14,286	9,349	5,258	5,469	34,362	10:00am	11,637	6,700	4,095	3,426	25,858
11:00am	13,562	8,214	4,785	4,973	31,534	11:00am	11,457	6,942	4,627	4,040	27,066
12:00pm	13,715	8,367	4,635	4,563	31,280	12:00pm	11,905	7,395	5,337	4,493	29,130
1:00pm	13,599	8,404	4,628	4,080	30,711	1:00pm	12,797	8,012	5,590	5,447	31,846
2:00pm	13,959	8,613	4,974	4,190	31,736	2:00pm	13,509	8,693	6,141	5,937	34,280
3:00pm	14,594	9,030	5,011	3,951	32,586	3:00pm	14,462	9,606	7,048	6,450	37,566
4:00pm	14,901	7,865	5,201	4,003	31,970	4:00pm	13,665	10,387	7,502	6,268	37,822
5:00pm	15,611	7,665	4,979	4,384	32,639	5:00pm	13,287	10,533	7,089	6,105	37,014
6:00pm	15,541	8,465	4,992	4,261	33,259	6:00pm	13,610	10,227	6,302	5,641	35,780
7:00pm	14,351	8,289	4,421	3,819	30,880	7:00pm	13,055	9,778	6,517	5,402	34,752
8:00pm	12,490	7,438	3,374	3,379	26,681	8:00pm	12,200	8,979	6,158	5,088	32,425
9:00pm	11,790	7,398	3,018	3,779	25,985	9:00pm	12,268	8,128	5,422	4,719	30,537
10:00pm	11,305	7,325	2,976	3,430	25,036	10:00pm	12,094	7,580	5,177	4,644	29,495
11:00pm	9,256	6,033	2,184	2,039	19,512	11:00pm	9,875	7,281	4,937	4,051	26,144
TOTAL	273,104	171,969	94,860	93,405	633,338	TOTAL	244,977	164,814	109,536	93,584	612,911

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 19 2022). Thus, there may be some variation in this report and the reports produced by NYC DOT.
- The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.
- New Jersey Sector - Lincoln and Holland Tunnels (LTHT) counts exclude small commuter buses. LTHT westbound data are collected using miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound and westbound volumes.
- The 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 upper ramp were excluded as these are not actually in the CBD but passing over it. 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, 2022-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	2,022	121	1,290	352	157	404	230	406	172	726	5,880
1:00am	1,142	56	779	264	62	246	137	258	97	444	3,485
2:00am	765	42	571	162	37	185	101	169	53	376	2,461
3:00am	620	47	582	173	34	162	82	137	37	383	2,257
4:00am	1,093	78	751	182	40	201	79	160	60	686	3,330
5:00am	2,779	141	1,286	347	108	462	116	277	97	2,080	7,693
6:00am	4,424	395	1,476	548	323	746	234	494	287	4,085	13,012
7:00am	4,912	393	1,486	593	745	969	438	768	601	4,009	14,914
8:00am	4,392	402	1,573	728	947	1,109	777	809	797	4,315	15,849
9:00am	4,410	371	1,463	692	881	964	787	807	651	4,237	15,263
10:00am	3,996	426	1,568	690	828	877	761	745	651	3,744	14,286
11:00am	4,037	464	1,568	688	861	821	717	689	594	3,123	13,562
12:00pm	4,314	509	1,501	749	777	793	745	696	638	2,993	13,715
1:00pm	4,248	494	1,626	729	760	818	695	739	617	2,873	13,599
2:00pm	4,132	485	1,714	733	786	763	709	792	650	3,195	13,959
3:00pm	4,151	590	1,677	840	828	792	788	715	692	3,521	14,594
4:00pm	4,223	739	1,610	836	857	820	846	799	728	3,443	14,901
5:00pm	4,621	708	1,788	881	904	852	795	879	742	3,441	15,611
6:00pm	4,491	586	1,801	856	938	887	827	876	851	3,428	15,541
7:00pm	4,459	605	1,743	787	850	914	771	721	764	2,737	14,351
8:00pm	4,117	454	1,754	721	700	871	616	665	620	1,972	12,490
9:00pm	3,863	329	1,714	654	610	881	605	669	533	1,932	11,790
10:00pm	3,807	283	1,689	571	610	901	565	670	539	1,670	11,305
11:00pm	3,005	271	1,593	544	430	731	417	643	374	1,248	9,256
TOTAL	84,023	8,989	34,603	14,320	14,073	17,169	12,838	14,583	11,845	60,661	273,104

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 19, 2022). 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.
- The 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 upper ramp were excluded as these are not actually in the CBD but passing over it. 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, 2022-OUTBOUND

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	THIRD AVE	PARK AVE	MADISON AVE	EIGHT AVE	BROADWAY	AMSTER-DAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	1,480	247	849	596	236	455	196	90	412	59	1,556	6,176
1:00am	1,017	113	452	382	170	254	106	57	243	35	851	3,680
2:00am	768	98	282	290	101	157	62	42	180	24	560	2,564
3:00am	643	97	281	250	104	128	52	37	147	16	429	2,184
4:00am	918	152	327	317	122	144	61	45	212	34	434	2,766
5:00am	1,946	268	590	567	230	282	128	89	385	75	595	5,155
6:00am	3,716	476	888	951	406	569	272	154	729	204	1,442	9,807
7:00am	3,721	575	1,219	1,312	597	925	380	260	840	431	2,371	12,631
8:00am	3,343	599	1,179	1,310	722	846	410	298	835	470	2,397	12,409
9:00am	3,378	592	1,122	1,254	723	768	318	283	829	435	2,082	11,784
10:00am	3,034	649	1,036	1,192	723	793	415	282	798	385	2,330	11,637
11:00am	3,052	520	1,078	1,164	752	780	422	252	783	385	2,269	11,457
12:00pm	3,054	549	1,067	1,230	774	803	424	267	836	371	2,530	11,905
1:00pm	3,401	510	1,110	1,281	772	823	428	281	857	347	2,987	12,797
2:00pm	3,692	532	1,175	1,203	772	832	444	283	833	384	3,359	13,509
3:00pm	3,785	544	1,166	1,212	833	888	503	369	989	490	3,683	14,462
4:00pm	3,275	571	1,225	1,201	830	845	521	414	1,150	689	2,944	13,665
5:00pm	3,229	543	1,202	1,307	871	835	508	424	1,222	642	2,504	13,287
6:00pm	3,471	544	1,137	1,404	881	917	499	367	1,121	462	2,807	13,610
7:00pm	3,598	456	1,044	1,217	790	923	458	297	927	339	3,006	13,055
8:00pm	3,473	445	1,000	1,188	683	906	395	201	817	217	2,875	12,200
9:00pm	3,596	463	912	1,172	610	917	434	218	788	186	2,972	12,268
10:00pm	3,337	434	949	1,018	549	929	364	199	830	171	3,314	12,094
11:00pm	2,570	375	1,091	899	427	810	295	175	702	117	2,414	9,875
TOTAL	67,497	10,352	22,381	23,917	13,678	16,529	8,095	5,384	17,465	6,968	52,711	244,977

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 19, 2022). 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.
- The 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 upper ramp were excluded as these are not actually in the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.

APPENDIX III- Hourly Detail Tables - 2022

SECTION E

AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY

BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2022-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	1,957	736	1,203	137	4,033	533	657	1,190	1	1,252	1,253	6,476
1:00am	1,016	461	877	64	2,418	253	516	769	3	802	805	3,992
2:00am	634	364	682	35	1,715	173	604	777	2	617	619	3,111
3:00am	490	365	727	38	1,620	179	1,006	1,185	0	754	754	3,559
4:00am	686	535	1,255	154	2,630	391	1,886	2,277	244	1,237	1,481	6,388
5:00am	1,498	1,096	2,356	1,068	6,018	1,256	3,021	4,277	2,479	3,257	5,736	16,031
6:00am	2,557	1,970	2,443	2,803	9,773	2,720	3,173	5,893	2,749	4,691	7,440	23,106
7:00am	2,919	2,454	2,479	2,771	10,623	3,403	3,044	6,447	2,663	4,205	6,868	23,938
8:00am	2,885	2,506	2,172	2,987	10,550	3,448	2,476	5,924	2,606	3,833	6,439	22,913
9:00am	2,780	2,395	1,922	3,037	10,134	3,672	2,013	5,685	2,565	3,125	5,690	21,509
10:00am	2,866	2,022	1,959	2,502	9,349	3,294	1,964	5,258	2,482	2,987	5,469	20,076
11:00am	2,689	1,729	1,755	2,041	8,214	2,727	2,058	4,785	2,302	2,671	4,973	17,972
12:00pm	2,810	1,605	1,810	2,142	8,367	2,575	2,060	4,635	2,184	2,379	4,563	17,565
1:00pm	2,917	1,598	1,864	2,025	8,404	2,433	2,195	4,628	1,997	2,083	4,080	17,112
2:00pm	2,928	1,720	2,023	1,942	8,613	2,643	2,331	4,974	2,058	2,132	4,190	17,777
3:00pm	3,058	1,671	2,171	2,130	9,030	2,713	2,298	5,011	2,190	1,761	3,951	17,992
4:00pm	2,665	1,719	2,106	1,375	7,865	2,761	2,440	5,201	2,297	1,706	4,003	17,069
5:00pm	2,616	1,708	2,080	1,261	7,665	2,786	2,193	4,979	2,524	1,860	4,384	17,028
6:00pm	2,623	2,276	2,293	1,273	8,465	2,731	2,261	4,992	2,537	1,724	4,261	17,718
7:00pm	2,919	1,879	1,978	1,513	8,289	2,517	1,904	4,421	2,097	1,722	3,819	16,529
8:00pm	2,734	1,605	2,084	1,015	7,438	1,713	1,661	3,374	1,767	1,612	3,379	14,191
9:00pm	2,929	1,649	2,005	815	7,398	1,601	1,417	3,018	1,994	1,785	3,779	14,195
10:00pm	2,972	1,649	2,033	671	7,325	1,706	1,270	2,976	1,793	1,637	3,430	13,731
11:00pm	2,438	1,462	1,712	421	6,033	1,302	882	2,184	9	2,030	2,039	10,256
TOTAL	56,586	37,174	43,989	34,220	171,969	49,530	45,330	94,860	41,543	51,862	93,405	360,234

- 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 19, 2022). 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 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 upper ramp were excluded as these are not actually in the CBD but passing over it. Care should be taken in comparing this year's data with prior years of data.
 - Holland Tunnel had overnight road closures between 11 PM and 4 AM for road construction work, leading to low volume counts.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
BROOKLYN, QUEENS, and NEW JERSEY SECTORS, 2022-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	1,074	1,049	1,886	597	4,606	1,009	2,621	3,630	757	1,391	2,148	10,384
1:00am	574	574	1,032	307	2,487	470	1,582	2,052	850	844	1,694	6,233
2:00am	390	376	668	153	1,587	309	1,113	1,422	566	371	937	3,946
3:00am	458	275	517	74	1,324	303	972	1,275	530	365	895	3,494
4:00am	955	300	680	59	1,994	582	1,292	1,874	711	557	1,268	5,136
5:00am	2,220	759	1,343	149	4,471	915	1,973	2,888	1,351	680	2,031	9,390
6:00am	2,953	1,125	1,945	604	6,627	1,385	2,467	3,852	1,744	1,053	2,797	13,276
7:00am	2,800	1,386	2,027	1,027	7,240	1,344	2,513	3,857	1,906	1,439	3,345	14,442
8:00am	2,715	1,596	2,095	1,103	7,509	1,256	2,273	3,529	1,934	1,544	3,478	14,516
9:00am	2,439	1,386	1,798	1,105	6,728	1,179	2,036	3,215	1,792	1,488	3,280	13,223
10:00am	2,259	1,306	2,022	1,113	6,700	1,370	2,725	4,095	1,741	1,685	3,426	14,221
11:00am	2,289	1,415	2,049	1,189	6,942	1,849	2,778	4,627	1,951	2,089	4,040	15,609
12:00pm	2,254	1,537	2,060	1,544	7,395	2,274	3,063	5,337	1,983	2,510	4,493	17,225
1:00pm	2,385	1,588	2,390	1,649	8,012	2,350	3,240	5,590	2,160	3,287	5,447	19,049
2:00pm	2,504	1,676	2,459	2,054	8,693	2,620	3,521	6,141	2,089	3,848	5,937	20,771
3:00pm	2,380	1,929	2,706	2,591	9,606	2,696	4,352	7,048	2,253	4,197	6,450	23,104
4:00pm	2,459	2,198	2,849	2,881	10,387	2,686	4,816	7,502	2,095	4,173	6,268	24,157
5:00pm	2,612	2,268	2,803	2,850	10,533	2,515	4,574	7,089	2,166	3,939	6,105	23,727
6:00pm	2,557	2,146	2,646	2,878	10,227	2,272	4,030	6,302	2,125	3,516	5,641	22,170
7:00pm	2,550	2,021	2,621	2,586	9,778	2,251	4,266	6,517	2,119	3,283	5,402	21,697
8:00pm	2,505	1,861	2,637	1,976	8,979	2,296	3,862	6,158	2,165	2,923	5,088	20,225
9:00pm	2,550	1,753	2,446	1,379	8,128	2,137	3,285	5,422	2,131	2,588	4,719	18,269
10:00pm	2,492	1,535	2,342	1,211	7,580	2,110	3,067	5,177	2,140	2,504	4,644	17,401
11:00pm	2,072	1,535	2,455	1,219	7,281	1,848	3,089	4,937	1,984	2,067	4,051	16,269
TOTAL	50,446	33,594	48,476	32,298	164,814	40,026	69,510	109,536	41,243	52,341	93,584	367,934

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 19, 2022). 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 and westbound volumes

SECTION F

FERRY AND TRAMWAY PASSENGERS BY FACILITY

2022-INBOUND

HOURS	60th STREET FERRY	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	15	51	66	1	67
1:00am	0	0	0	0	61	61	0	61
2:00am	0	0	0	0	55	55	0	55
3:00am	0	0	0	0	57	57	0	57
4:00am	0	0	0	0	172	172	0	172
5:00am	3	0	0	435	752	1,190	9	1,196
6:00am	15	20	20	789	1,876	2,720	57	2,762
7:00am	45	55	42	2,417	3,255	5,814	230	5,999
8:00am	28	92	172	3,062	2,603	5,957	306	6,235
9:00am	11	83	116	1,507	1,157	2,874	235	3,098
10:00am	11	50	89	514	1,071	1,735	147	1,871
11:00am	15	90	115	403	1,115	1,738	172	1,895
12:00pm	22	78	97	395	1,144	1,736	156	1,870
1:00pm	25	73	99	310	1,206	1,713	160	1,848
2:00pm	41	99	171	356	1,047	1,714	201	1,874
3:00pm	99	95	321	507	1,820	2,842	202	2,945
4:00pm	180	241	373	563	1,280	2,637	152	2,609
5:00pm	209	231	517	654	883	2,494	187	2,472
6:00pm	101	218	443	284	880	1,926	141	1,966
7:00pm	57	79	275	560	415	1,386	119	1,448
8:00pm	23	52	130	40	420	665	52	694
9:00pm	0	20	76	19	309	424	34	458
10:00pm	0	0	5	9	228	242	34	276
11:00pm	0	0	0	0	132	132	13	145
TOTAL	885	1,576	3,061	12,839	21,989	40,350	2,608	42,073

2022-OUTBOUND

HOURS	60th STREET FERRY	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	17	312	329	8	337
1:00am	0	0	0	0	189	189	5	194
2:00am	0	0	0	0	86	86	0	86
3:00am	0	0	0	0	67	67	0	67
4:00am	0	0	0	0	83	83	0	83
5:00am	0	0	0	0	160	160	4	164
6:00am	66	13	90	19	507	629	29	658
7:00am	165	107	418	258	417	1,200	44	1,244
8:00am	294	301	784	240	478	1,803	76	1,879
9:00am	120	167	477	717	360	1,721	87	1,808
10:00am	49	125	289	384	713	1,511	161	1,672
11:00am	31	90	141	256	960	1,447	130	1,577
12:00pm	41	111	187	166	1,170	1,634	159	1,793
1:00pm	33	134	142	262	1,169	1,707	159	1,866
2:00pm	28	117	143	351	1,383	1,994	233	2,227
3:00pm	40	82	184	781	1,810	2,857	256	3,113
4:00pm	38	107	131	1,686	2,978	4,902	302	5,204
5:00pm	56	146	197	2,624	3,301	6,268	358	6,626
6:00pm	42	108	205	2,341	2,161	4,815	351	5,166
7:00pm	17	53	72	979	1,206	2,310	236	2,546
8:00pm	6	45	77	315	742	1,179	146	1,325
9:00pm	0	17	37	300	693	1,047	77	1,124
10:00pm	0	1	18	241	518	778	80	858
11:00pm	0	0	0	0	461	461	21	482
TOTAL	1,026	1,724	3,592	11,937	21,924	39,177	2,922	42,099

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

SECTION G
BICYCLE VOLUMES BY SECTOR
SUMMARY, 2022

INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	57	19	-	76
1:00am	-	42	8	-	50
2:00am	-	19	14	1	34
3:00am	-	17	14	2	33
4:00am	-	35	37	13	85
5:00am	-	124	153	19	296
6:00am	676	330	288	30	1,324
7:00am	1,156	643	446	36	2,281
8:00am	1,568	1,141	488	44	3,241
9:00am	1,322	1,016	358	20	2,716
10:00am	1,400	722	377	17	2,516
11:00am	1,679	566	255	15	2,515
12:00pm	1,824	396	131	9	2,360
1:00pm	1,699	403	139	8	2,249
2:00pm	1,522	478	174	14	2,188
3:00pm	1,425	488	189	12	2,114
4:00pm	1,643	527	203	18	2,391
5:00pm	2,048	546	213	15	2,822
6:00pm	2,158	610	162	5	2,935
7:00pm	1,893	454	117	7	2,471
8:00pm	1,480	283	63	2	1,828
9:00pm	1,003	224	51	5	1,283
10:00pm	708	210	43	2	963
11:00pm	437	127	41	1	606
TOTAL	25,641	9,458	3,983	295	39,377

Note: See note on page III-0.

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	179	128	11	318
1:00am	-	89	59	5	153
2:00am	-	61	39	2	102
3:00am	-	51	19	2	72
4:00am	-	26	16	2	44
5:00am	-	48	21	4	73
6:00am	477	90	57	5	629
7:00am	720	172	69	8	969
8:00am	887	234	85	11	1,217
9:00am	896	250	70	5	1,221
10:00am	845	287	50	5	1,187
11:00am	1,405	264	76	5	1,750
12:00pm	1,682	311	80	9	2,082
1:00pm	1,677	353	123	12	2,165
2:00pm	1,522	436	179	15	2,152
3:00pm	1,584	544	248	6	2,382
4:00pm	1,870	751	327	26	2,974
5:00pm	2,327	1,215	408	30	3,980
6:00pm	2,416	1,236	345	40	4,037
7:00pm	2,421	898	248	21	3,588
8:00pm	1,824	673	219	19	2,735
9:00pm	1,481	606	242	19	2,348
10:00pm	996	558	290	14	1,858
11:00pm	677	428	241	24	1,370
TOTAL	25,707	9,760	3,639	300	39,406

SECTION G
BICYCLE VOLUMES BY FACILITY
60TH STREET SECTOR, 2022-INBOUND

III - 45

HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREEN-WAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	3	191	1	32	27	2	45	2	39	41	5	36	2	19	-	231	676
7:00am	3	331	2	41	43	-	90	2	118	65	5	57	9	52	3	335	1,156
8:00am	2	430	7	87	67	2	115	5	160	159	6	128	10	86	4	300	1,568
9:00am	8	342	4	86	46	3	116	15	134	139	11	125	13	54	1	225	1,322
10:00am	6	399	8	122	34	1	158	14	143	95	21	146	12	50	-	191	1,400
11:00am	4	331	8	208	143	7	202	14	168	120	28	201	10	45	1	189	1,679
12:00pm	5	308	6	197	126	11	233	11	191	176	26	282	36	73	1	142	1,824
1:00pm	4	292	10	166	103	12	155	16	171	121	34	278	27	72	1	237	1,699
2:00pm	6	314	7	109	62	2	139	9	143	136	23	233	23	95	3	218	1,522
3:00pm	2	298	3	102	42	6	116	3	154	123	16	226	15	85	-	234	1,425
4:00pm	4	348	6	94	57	2	151	13	164	152	23	222	23	100	5	279	1,643
5:00pm	3	435	5	159	83	-	132	14	232	200	27	305	29	111	3	310	2,048
6:00pm	8	433	5	202	98	1	133	17	221	187	31	391	34	137	5	255	2,158
7:00pm	6	393	6	147	117	1	156	18	179	146	32	423	39	121	2	107	1,893
8:00pm	2	293	8	118	66	-	83	23	125	116	47	383	36	114	-	66	1,480
9:00pm	5	237	11	67	25	3	51	8	87	93	37	244	15	69	-	51	1,003
10:00pm	4	186	7	31	14	3	34	5	65	60	27	176	14	52	-	30	708
11:00pm	-	95	2	31	11	6	32	3	39	65	17	100	8	20	-	8	437
TOTAL	75	5,656	106	1,999	1,164	62	2,141	192	2,533	2,194	416	3,956	355	1,355	29	3,408	25,641

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, 2022-OUTBOUND

III - 46

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	87	-	23	-	9	27	1	87	1	5	50	12	15	7	8	145	477
7:00am	137	2	42	2	31	28	3	132	2	2	114	11	30	8	10	166	720
8:00am	178	4	63	7	31	52	2	184	1	6	131	6	49	16	6	151	887
9:00am	170	6	78	-	29	69	3	185	2	7	122	5	68	11	4	137	896
10:00am	133	9	88	6	29	68	2	155	6	12	117	14	57	6	1	142	845
11:00am	150	7	164	12	89	159	6	294	3	16	229	8	101	10	8	149	1,405
12:00pm	169	22	183	11	117	191	14	322	6	14	276	26	145	11	3	172	1,682
1:00pm	200	7	159	9	85	162	4	344	10	10	345	22	122	19	11	168	1,677
2:00pm	244	11	161	5	38	130	4	280	8	7	253	11	129	15	7	219	1,522
3:00pm	267	14	134	4	30	85	8	306	7	17	272	13	115	16	20	276	1,584
4:00pm	359	12	146	4	38	84	3	316	13	20	290	18	121	20	18	408	1,870
5:00pm	424	14	184	8	49	120	2	398	2	9	397	20	184	21	9	486	2,327
6:00pm	430	21	213	5	79	137	-	450	11	29	430	28	220	20	12	331	2,416
7:00pm	339	22	217	10	325	136	2	390	13	18	485	32	231	16	5	180	2,421
8:00pm	287	14	218	10	36	88	10	302	12	14	412	40	211	16	10	144	1,824
9:00pm	310	23	148	8	31	71	2	240	13	7	351	22	144	10	1	100	1,481
10:00pm	210	8	121	4	11	34	1	150	7	11	241	22	93	8	-	75	996
11:00pm	142	11	56	4	8	33	2	95	7	14	166	26	66	2	-	45	677
TOTAL	4,236	207	2,398	109	1,065	1,674	69	4,630	124	218	4,681	336	2,101	232	133	3,494	25,707

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, 2022-INBOUND

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	25	12	20	57	19	0	76
1:00am	21	3	18	42	8	0	50
2:00am	14	1	4	19	14	1	34
3:00am	7	1	9	17	14	2	33
4:00am	19	11	5	35	37	13	85
5:00am	59	26	39	124	153	19	296
6:00am	162	87	81	330	288	30	648
7:00am	272	154	217	643	446	36	1,125
8:00am	467	303	371	1,141	488	44	1,673
9:00am	415	247	354	1,016	358	20	1,394
10:00am	282	142	298	722	377	17	1,116
11:00am	236	105	225	566	255	15	836
12:00pm	178	76	142	396	131	9	536
1:00pm	191	89	123	403	139	8	550
2:00pm	224	101	153	478	174	14	666
3:00pm	233	88	167	488	189	12	689
4:00pm	219	119	189	527	203	18	748
5:00pm	242	116	188	546	213	15	774
6:00pm	291	99	220	610	162	5	777
7:00pm	220	60	174	454	117	7	578
8:00pm	144	39	100	283	63	2	348
9:00pm	119	38	67	224	51	5	280
10:00pm	110	28	72	210	43	2	255
11:00pm	75	14	38	127	41	1	169
TOTAL	4,225	1,959	3,274	9,458	3,983	295	13,736

Note: See note on page III-0.

SECTION G
BICYCLE VOLUMES BY LOCATION
BROOKLYN, QUEENS, and STATEN ISLAND SECTORS, 2022-OUTBOUND

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	53	44	82	179	128	11	318
1:00am	49	13	27	89	59	5	153
2:00am	36	9	16	61	39	2	102
3:00am	26	9	16	51	19	2	72
4:00am	12	10	4	26	16	2	44
5:00am	19	10	19	48	21	4	73
6:00am	29	24	37	90	57	5	152
7:00am	66	38	68	172	69	8	249
8:00am	85	61	88	234	85	11	330
9:00am	99	50	101	250	70	5	325
10:00am	103	80	104	287	50	5	342
11:00am	104	73	87	264	76	5	345
12:00pm	109	86	116	311	80	9	400
1:00pm	153	85	115	353	123	12	488
2:00pm	156	129	151	436	179	15	630
3:00pm	233	152	159	544	248	6	798
4:00pm	302	201	248	751	327	26	1,104
5:00pm	485	329	401	1,215	408	30	1,653
6:00pm	523	289	424	1,236	345	40	1,621
7:00pm	439	164	295	898	248	21	1,167
8:00pm	307	138	228	673	219	19	911
9:00pm	246	137	223	606	242	19	867
10:00pm	255	114	189	558	290	14	862
11:00pm	216	80	132	428	241	24	693
TOTAL	4,105	2,325	3,330	9,760	3,639	300	13,699

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.