



Hub Bound Travel Data 2024

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL



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Disclaimer

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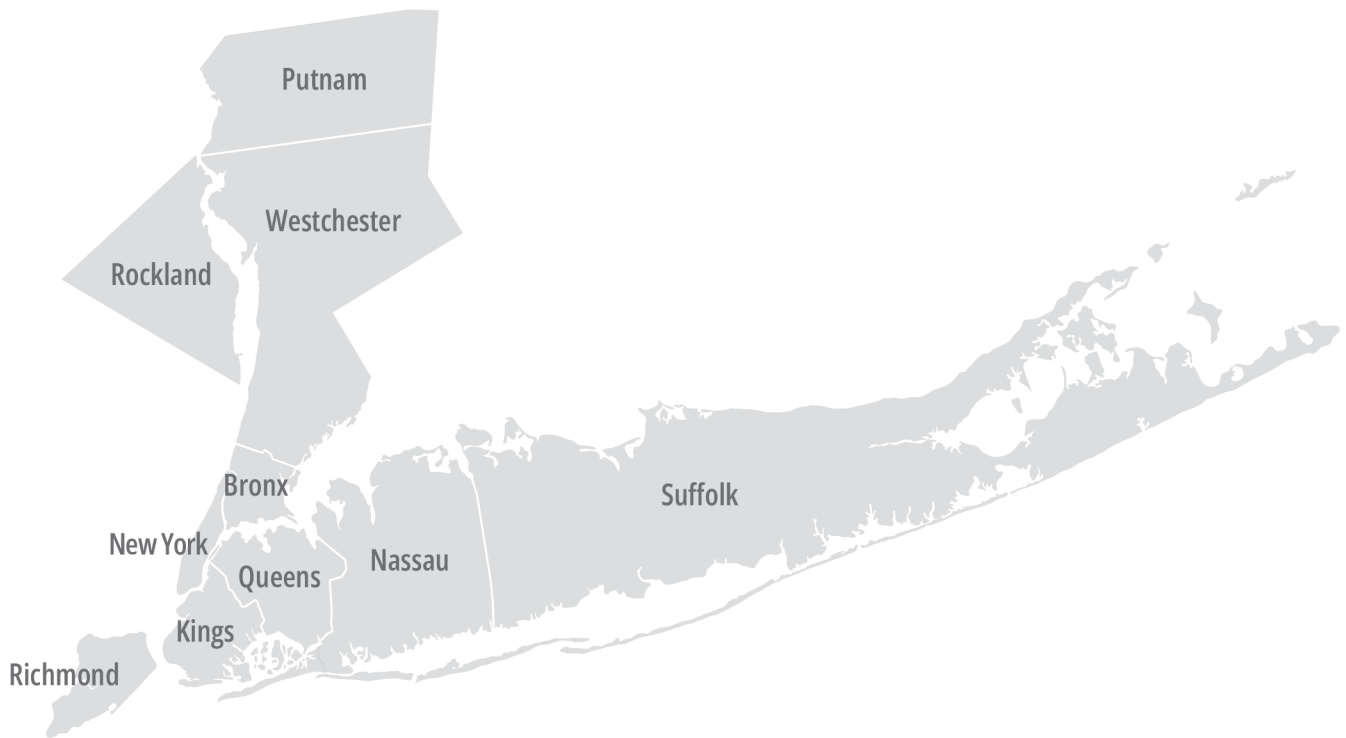
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The New York Metropolitan Transportation Council (NYMTC) is a regional council of governments that is the metropolitan planning organization for New York City, Long Island and the Lower Hudson Valley. NYMTC provides a collaborative planning forum to address transportation-related issues, develop regional plans and make decisions on the use of federal transportation funds. The NYMTC planning area covers 2,440 square miles and includes a population of 12.8 million, which is approximately 63% of New York's population based on the 2024 Census.



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MANHATTAN CBD CORDON CROSSINGS BY SECTOR

60TH STREET SECTOR (WEST SIDE)

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

60TH STREET SECTOR (EAST SIDE)

Fifth Avenue
Madison Avenue
Park Avenue (Metro-North)
Lexington Avenue (IRT)
Third Avenue
Second Avenue (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

CROSSING TYPE

— BRIDGE/
ROAD
- - - TUNNEL
- - - 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.

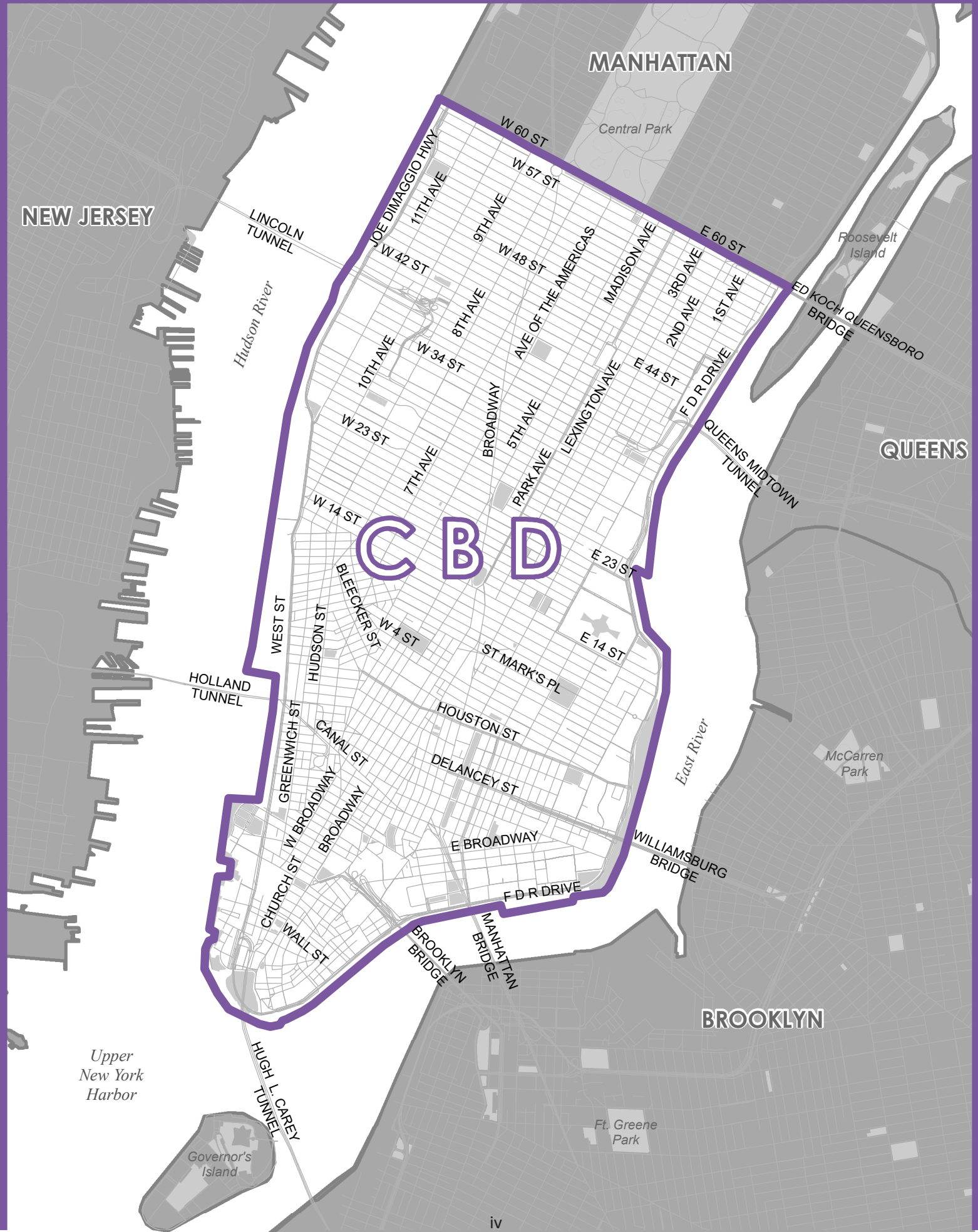
BMT

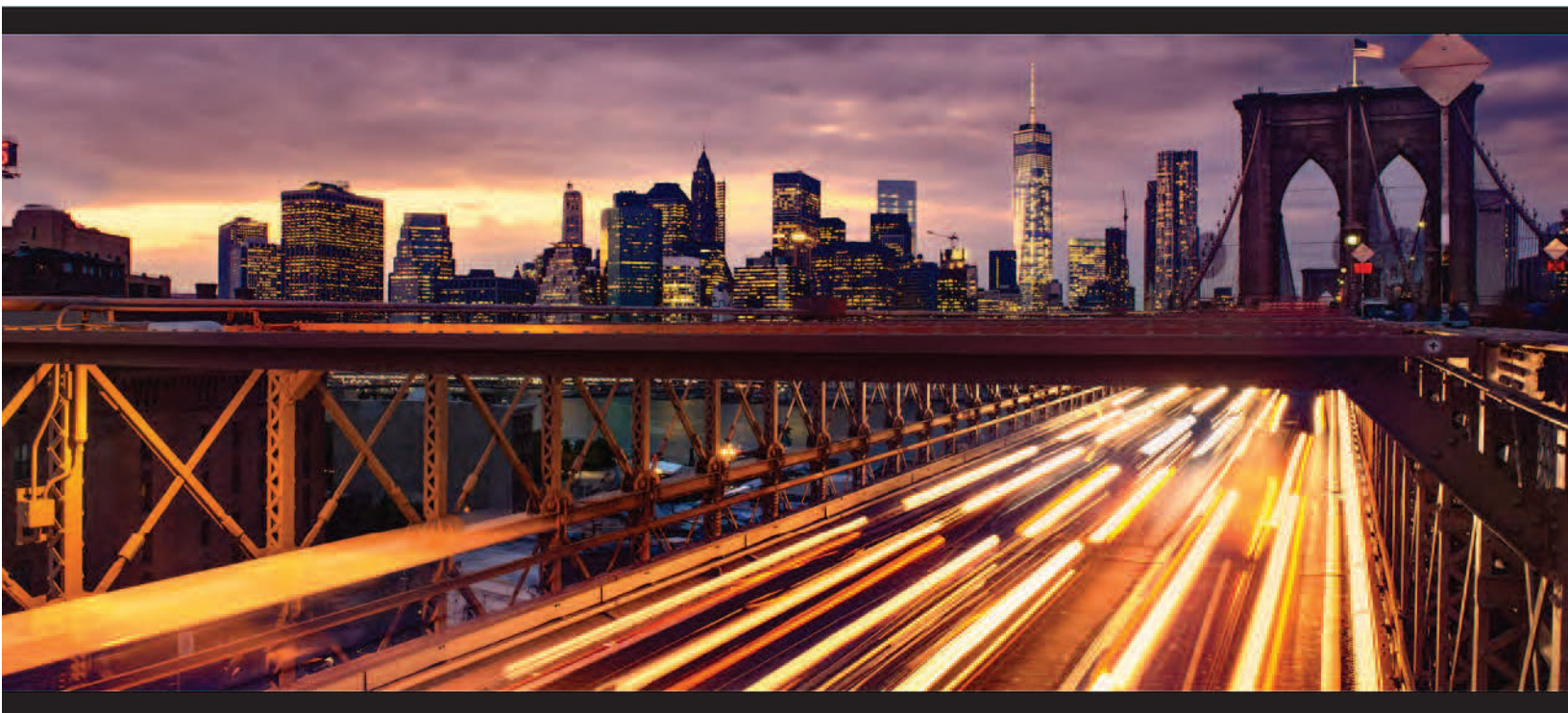
The **Brooklyn–Manhattan Transit Corporation (BMT)** was an urban transit holding company, based in Brooklyn, New York City, United States, and incorporated in 1923. The system was sold to the city in 1940. Today, together with the IND subway system, it forms the B Division (the lettered routes: lines 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 <https://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 2024 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. Travel in fall and spring days are considered to be representative of average travel behavior. We report a typical fall business day rather than a typical spring business day 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 October 16, 2024). 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 2024 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

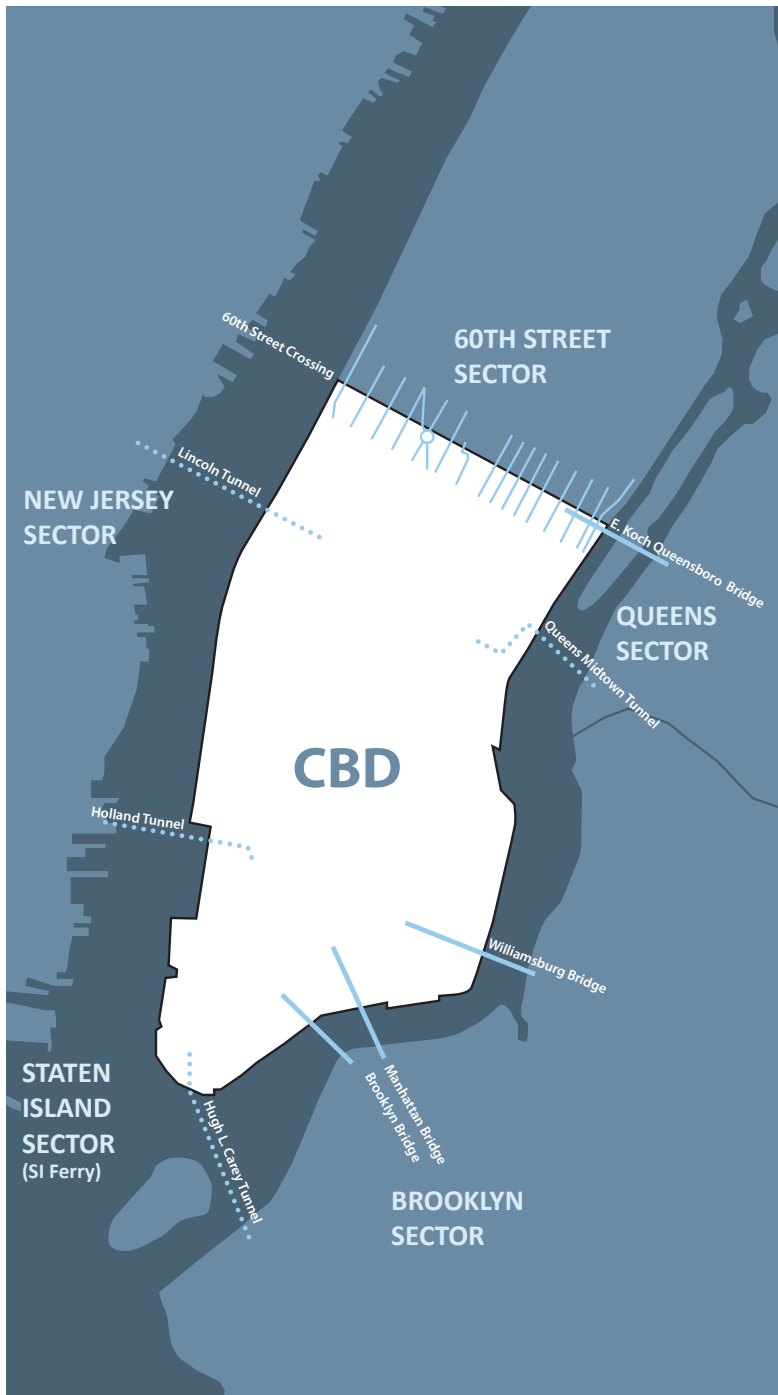
Lists the various public and private agencies that have jurisdiction over travel through the CBD gateways and have traditionally made their survey data available for this report.

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



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 million people were employed in the CBD in 2024.
- 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.

HIGHLIGHTS

On a typical fall business day in 2024, nearly 3.2 million people entered Manhattan's Central Business District (CBD), marking a 10.2% increase (almost 295,000 people) compared to 2023. However, this remains 17% below pre-pandemic levels in 2019, when daily entries reached 3.9 million.

Throughout the survey day, close to 6.3 million people gathered, both entering and exiting the CBD, reflecting a 9.9% year-over-year increase. This is still approximately 1.3 million or 17% fewer travelers compared to 2019.

Public Transportation Usage: Continues to Rebound



- About 4.6 million people used public transportation on the survey date. This represents a 14.4% increase compared to 2023, with roughly 584,000 more individuals opting for public transit (Table 5).
- Subway ridership rose 18% year-over-year, with MTA NYC Transit subways carrying 80% of the all rail passengers.
- Suburban and intercity rail services saw a 4.3% year-over-year ridership increase.
- Bus ridership grew 6.8%, with express buses making up almost 89% of all bus travel—notably, 84% of express bus riders commuted from New Jersey.
- Ferry ridership increased by 2.5%, with Staten Island Ferry passengers accounting for 54% of total ferry trips.

Private Vehicle Travel: Shows Mixed Trends



- Close to 1.6 million people entered & exited the CBD via autos, taxis, vans, and trucks—1.9% down from 2023 and 14% below 2019 levels.
- 44% of private vehicles entered via the 60th Street sector, followed by Brooklyn (26%), Queens (16%), and New Jersey (15%).
- Private vehicle congestion peaked between 6 AM and 9 AM, with afternoon outbound traffic spreading out from 2 PM to 7 PM.

Peak Periods and Reverse Commuting: Align with Previous Trends



- The busiest morning hour was 8 AM to 9 AM, with 452,000 entries—18.9% higher than 2023 and consistent with long-term trends.
- The evening peak (5 PM - 6 PM) saw 406,000 exits, an increase of 12.7% from 2023.
- Reverse commuting (travel in the opposite direction of peak flow) made up about 26% of morning peak travel, with 58% of reverse commuters using the subway.

Bicycle & Tramway: Usage on the Rise



- 98,000 daily bicycle trips were recorded (1.6% of the modeshare), an 18% increase from 2023. The majority (65%) crossed the 60th Street sector skyline, while 25% crossed Brooklyn and 9% crossed Queens skylines, respectively.
- The Roosevelt Island Tramway saw a 34% decline in ridership from 2023, largely due to resumption in regular F train service whose disruption caused a 92% increase in 2023 compared to 2022. Additionally, tramway speed reductions for system improvement projects were also cited as a factor in ridership reduction.

Ongoing Travel Recovery and Future Implications



- While CBD travel has rebounded since 2020, overall volumes remain below 2019 levels, particularly during weekday commuting hours.
- Shifts in work-from-home policies seem to have solidified certain changes in observed travel trends. Transit service adjustments and congestion pricing initiatives could further reshape travel patterns in the coming years.

QUICK REFERENCE DATA

PERSONS ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY BY MODE AND SECTOR, IN 2024

SECTOR / MODE	Entering	Leaving	Total
60TH STREET			
SUBWAY	629,664	628,356	1,258,020
AUTOS, TAXIS, VANS AND TRUCKS	354,258	325,681	679,939
BUS	33,890	34,371	68,261
SUBURBAN AND INTERCITY RAIL	90,243	90,528	180,771
FERRY	1,075	1,195	2,270
BICYCLE	31,946	32,157	64,103
TOTAL 60TH STREET SECTOR - ALL MODES	1,141,076	1,112,288	2,253,364
BROOKLYN			
SUBWAY	631,153	604,223	1,235,376
AUTOS, TAXIS, VANS AND TRUCKS	188,586	221,192	409,778
BUS	16,604	15,384	31,988
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	1,968	2,199	4,167
BICYCLE	12,309	12,311	24,620
TOTAL BROOKLYN SECTOR - ALL MODES	850,620	855,309	1,705,929
QUEENS (and TRAMWAY)			
SUBWAY	401,616	382,128	783,744
AUTOS, TAXIS, VANS AND TRUCKS	122,203	139,121	261,324
BUS	9,953	8,736	18,689
SUBURBAN AND INTERCITY RAIL	118,637	118,370	237,007
FERRY	3,717	4,273	7,990
BICYCLE	4,497	4,109	8,606
TRAMWAY	3,526	3,436	6,962
TOTAL QUEENS SECTOR - ALL MODES	664,149	660,173	1,324,322
NEW JERSEY			
SUBWAY/PATH	102,162	99,183	201,345
AUTOS, TAXIS, VANS AND TRUCKS	120,307	123,570	243,877
BUS	176,985	158,144	335,129
SUBURBAN AND INTERCITY RAIL	98,252	91,166	189,418
FERRY	15,163	13,406	28,569
BICYCLE	-	-	-
TOTAL NEW JERSEY SECTOR - ALL MODES	512,869	485,469	998,338
STATEN ISLAND (via FERRY)			
SUBWAY	-	-	-
AUTOS, TAXIS, VANS AND TRUCKS	-	-	-
BUS	-	-	-
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	25,710	25,625	51,335
BICYCLE	552	553	1,105
TOTAL STATEN ISLAND (via FERRY)	26,262	26,178	52,440
ALL SECTORS			
SUBWAY	1,764,595	1,713,890	3,478,485
AUTOS, TAXIS, VANS AND TRUCKS	785,354	809,564	1,594,918
BUS	237,432	216,635	454,067
SUBURBAN AND INTERCITY RAIL	307,132	300,064	607,196
FERRY	47,633	46,698	94,331
BICYCLE	49,304	49,130	98,434
TRAMWAY	3,526	3,436	6,962
TOTAL ALL SECTORS - ALL MODES	3,194,976	3,139,417	6,334,393

Note: The 2024 Hub Bound survey data show that impacts on travel behavior triggered by the COVID-19 pandemic remain. However, there has been continuous and steady increase in travel since 2020.

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):

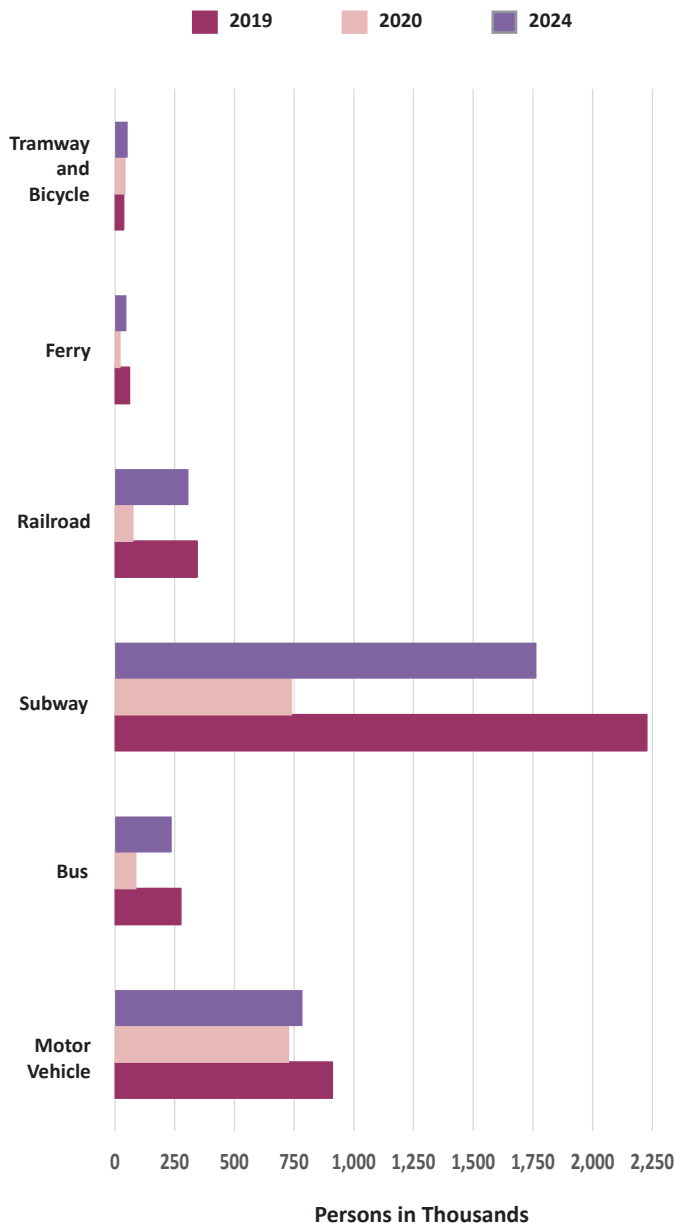
- Staten Island Ferry (public ferry)
- NY Waterway
- NYC Ferry by Hornblower
- NY Water Taxi and Circle Line Downtown
- Liberty Landing Ferry
- Seastreak Ferry

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 12 on page 17.

FIGURE 1
TOTAL NUMBER OF PEOPLE
ENTERING THE HUB
ON A FALL BUSINESS DAY
BY MODE
IN 2019, 2020, and 2024



A. Subway

The subway system continued to be the most popular mode of public transportation in 2024, transporting nearly 3.5 million passengers (approximately 55% of the travelers). The number of commuters increased by about 18% since 2023, with a daily average of nearly 1.8 million passengers coming into the Hub. In 2024, the subway system transported about 531,000 more passengers to and from the Hub compared with 2023 (Figure 1 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 2024, buses brought roughly 237,000 passengers daily into the Hub. Nearly 75% (or around 177,000) 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 100% and from the Queens Sector about 84% of bus commuters are express bus passengers. Conversely, only about 25% of all bus passengers entering the Hub via the 60th Street Sector are express bus commuters, with the remaining 75% of this sector's bus riders using local buses to enter Manhattan's CBD (Table 18, Appendix II).

C. Suburban and Intercity Rail

Commuter and intercity rail trains brought about 307,000 passengers into the CBD on the survey date, a total of 13% of all public transit passengers. This represents close to 10% of all daily travelers entering the Hub. From 2023 to 2024, this mode saw an increase in ridership of almost 4.3%, or almost 25,000 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 2
TOTAL NUMBER OF PEOPLE ENTERING THE HUB
BY MODE, BY HOUR, IN 2024

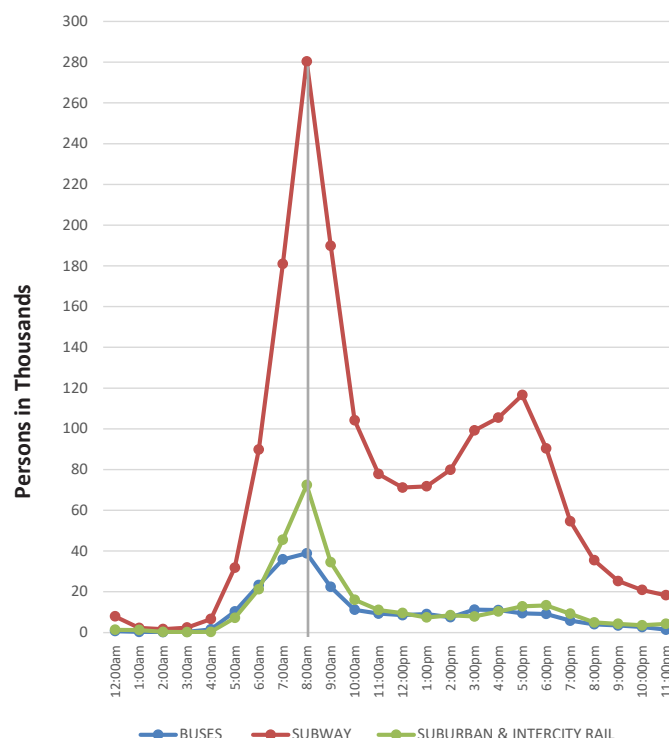
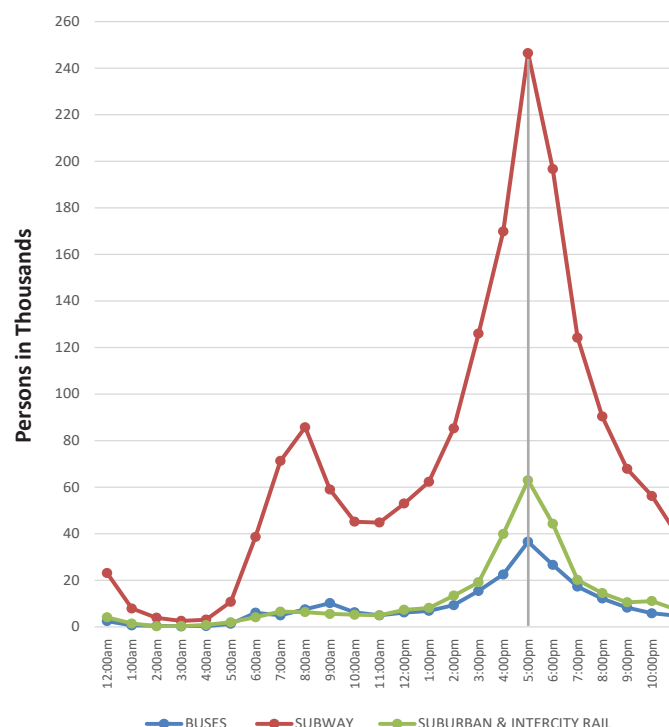


FIGURE 3
TOTAL NUMBER OF PEOPLE LEAVING THE HUB
BY MODE, BY HOUR, IN 2024



D. Ferry and Tramway

Ferry travel to the Hub from the Staten Island sector was close to 25,000 inbound passengers in 2024, an increase of about 3.1% from 2023. The total number of private ferry passengers entering the Hub in 2024 neared 23,000 (an increase of close to 1.5%), roughly 400 more than in 2023 (Figure 4 and Table on page III-43).

The Roosevelt Island Tramway saw a decrease in inbound passengers of more than 1,600, or close to 32% compared with 2023 (Figures 5 and Table on page III-43). This is mainly attributed to the resumption of the regular F train serving Roosevelt Island as well as slower tram speeds for system updates (RIOC).

FIGURE 4-A
TOTAL NUMBER OF FERRY PASSENGERS
ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY
BY SECTOR, IN 2024

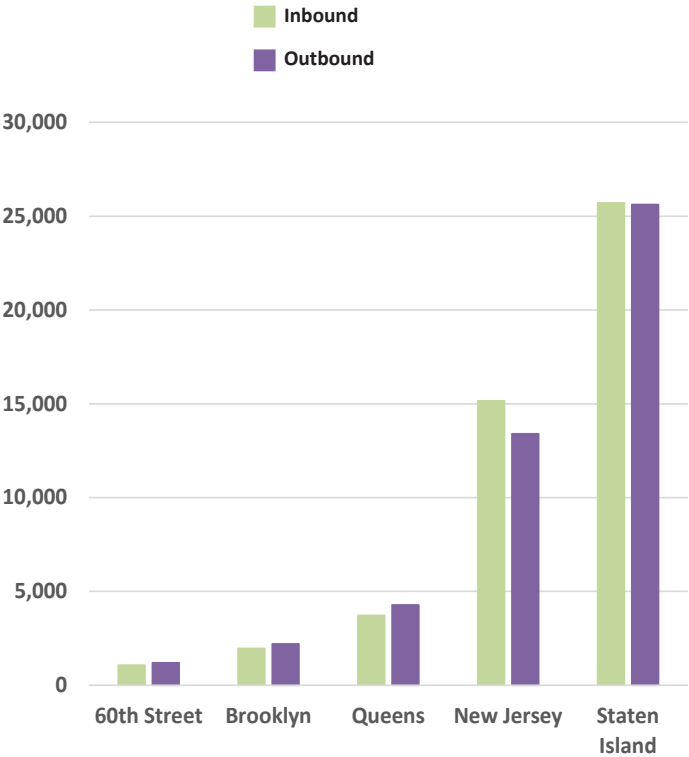


FIGURE 4-B
TOTAL NUMBER OF FERRY PASSENGERS
ENTERING THE HUB
ON A FALL BUSINESS DAY
2018-2024 (In Thousands)

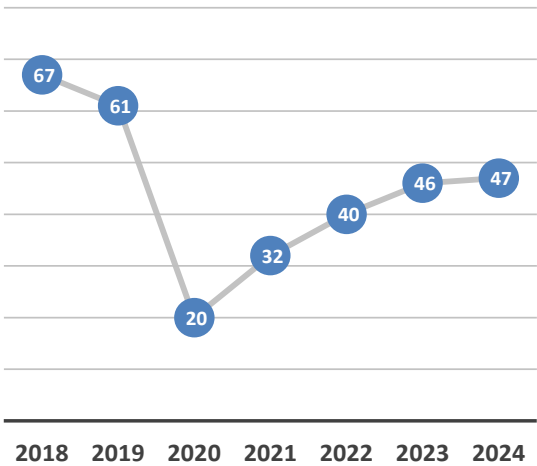
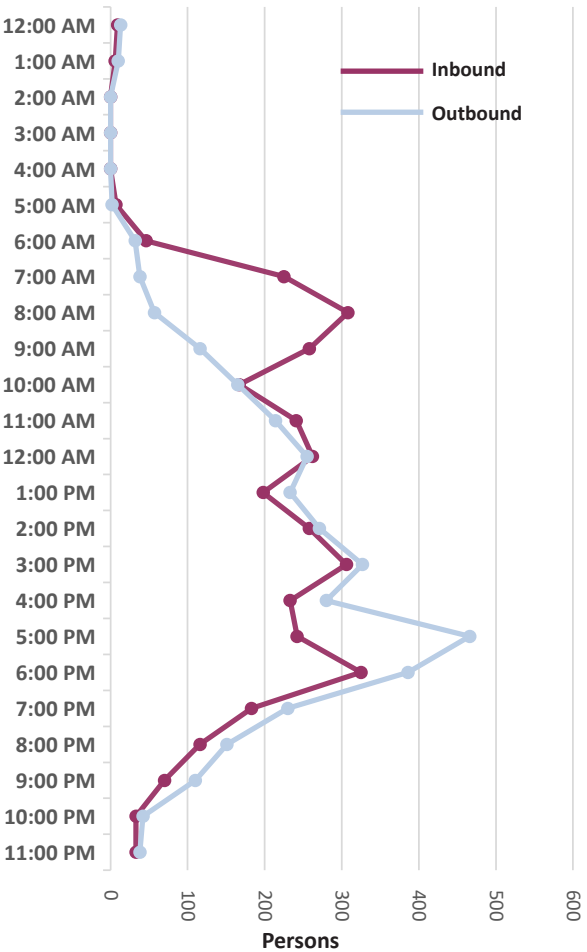


FIGURE 5
ROOSEVELT ISLAND TRAMWAY COMMUTERS
ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2024
BY HOUR

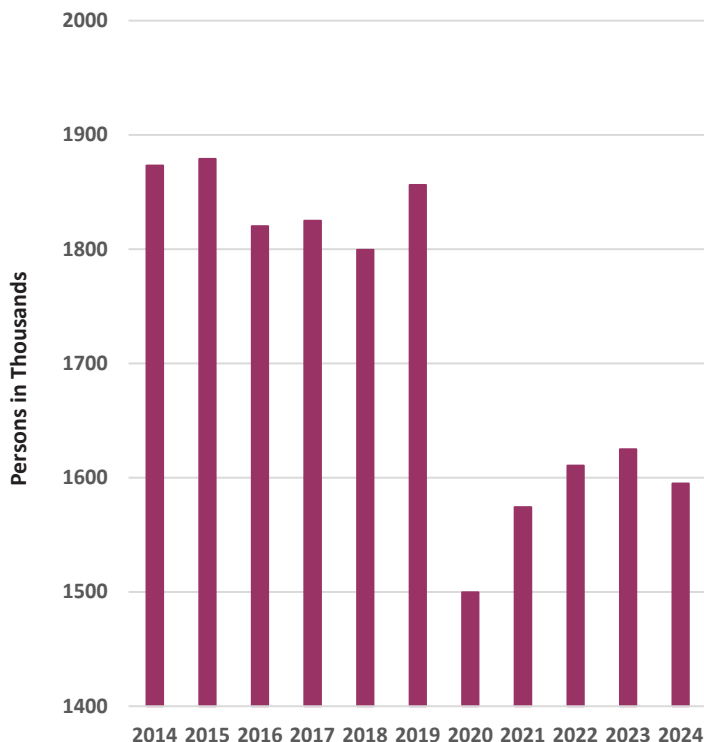


E. Private Motor Vehicles

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 2024, about 785,000 people entered the Hub using private motor vehicles. This represents a 1.9% decrease, or about 15,000 fewer passengers compared with 2023 (Table 14 C, Appendix II).

In particular, private motor vehicle travelers arriving at the Hub from the 60th Street sector, decrease by about 3.6%, compared to 2023. Similarly, Brooklyn sector saw a decrease of about 3.1%, while Queens, and New Jersey sectors had increases of about 1.7% and 1.6% respectively (Table 14C, Appendix II).

FIGURE 6
TOTAL NUMBER OF PEOPLE ENTERING and LEAVING THE HUB BY PRIVATE MOTOR VEHICLES* ON A FALL BUSINESS DAY BY YEAR



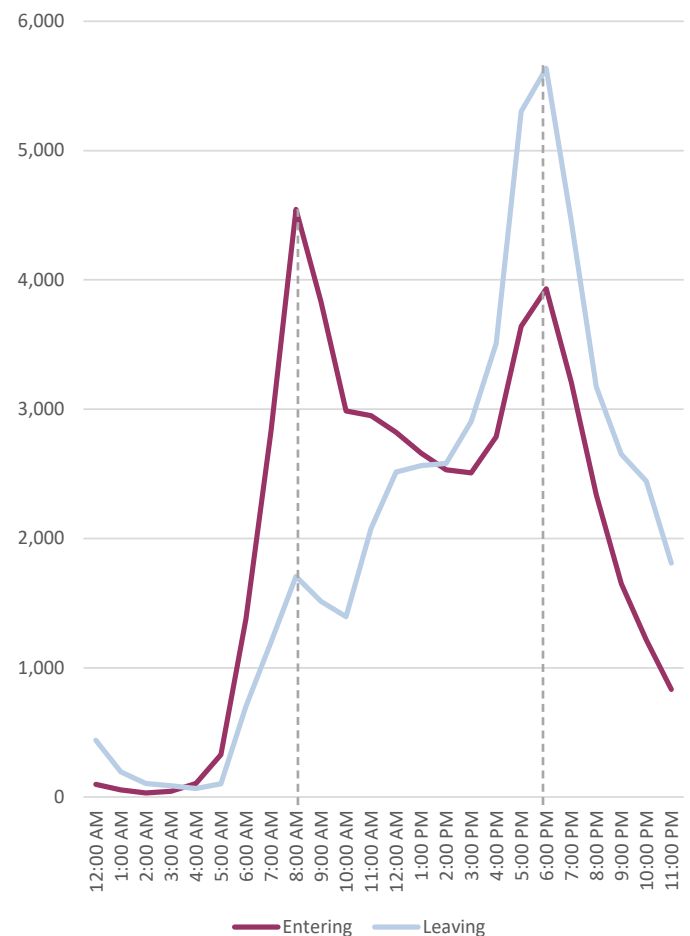
* Includes: Autos, Taxis, Commuter Vans and Trucks

F. Bicycle

NYC Department of Transportation data shows that during a typical fall business day, about 49,000 bicyclists entered the Hub, representing an increase of about 17.4%, or nearly 7,300 more riders, compared to 2023. The 60th Street sector is the most active entry point, accounting for about 32,000 riders or 65% of all bicyclists entering the Hub in 2023. More than 12,000 bicyclists crossed into Manhattan from Brooklyn via the Brooklyn, Manhattan, and Williamsburg bridges, while more than 4,000 rode from Queens across the Ed Koch Queensboro Bridge (Table on page III-44).

Bicyclists' peaks were recorded at 8 AM (nearly 4,500 entering the Hub) and at 6 PM (almost 5,600 leaving the Hub) (Figure 7).

FIGURE 7
BICYCLISTS ENTERING and LEAVING THE HUB ON A FALL BUSINESS DAY IN 2024 BY HOUR

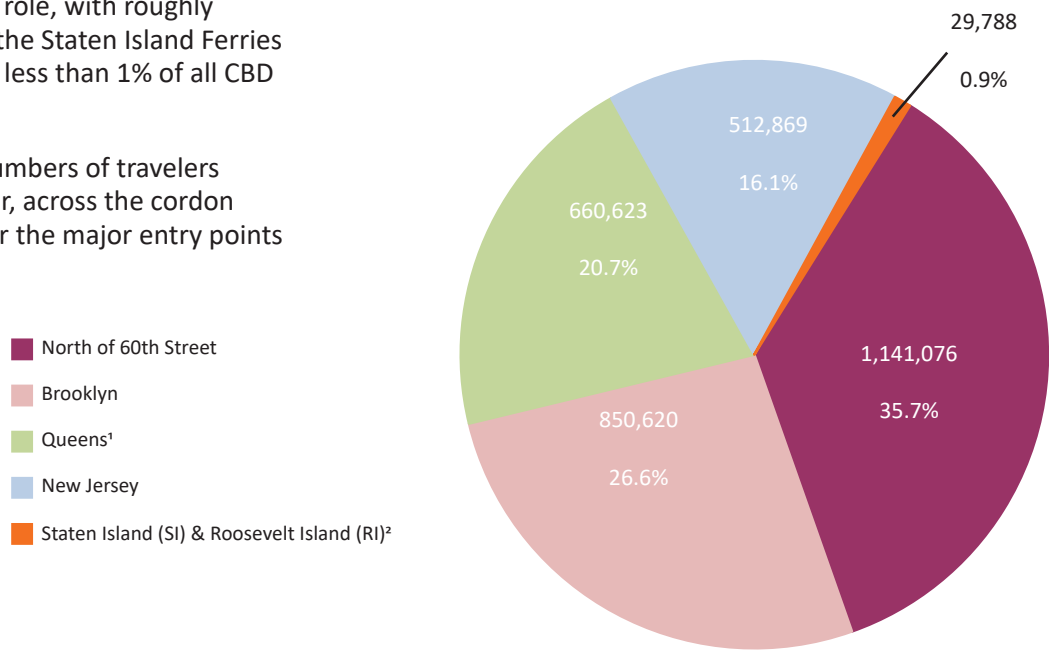


CORDON CROSSINGS

In 2024, among Manhattan’s CBD entrants, nearly 36% entered from north of 60th Street. Brooklyn, Queens, and New Jersey followed close behind, contributing approximately 27%, 21%, and 16% of total entries, respectively. Ferries also played a role, with roughly 26,000 passengers arriving using the Staten Island Ferries (public and private), representing less than 1% of all CBD entries.

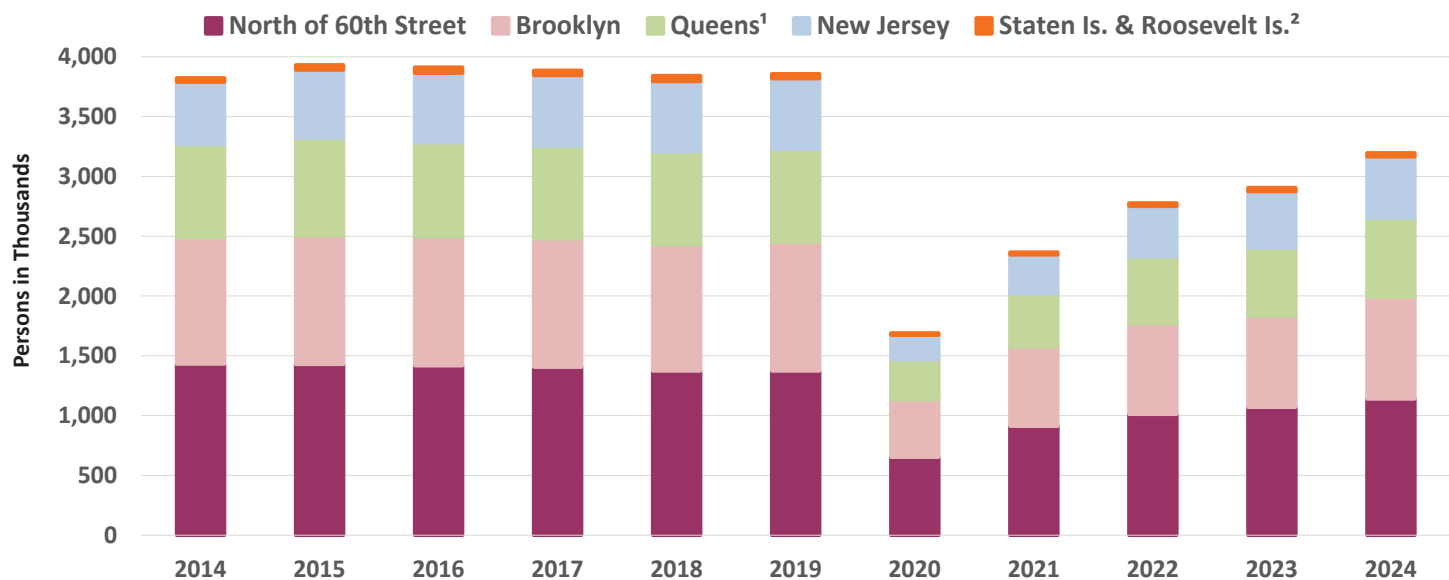
Figure 8 and Figure 9 show the numbers of travelers entering the Hub from each sector, across the cordon lines (CBD map, page ii) that cover the major entry points into the CBD.

FIGURE 8
TOTAL NUMBER OF PEOPLE ENTERING THE HUB ON A FALL BUSINESS DAY BY SECTOR, IN 2024



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

FIGURE 9
TOTAL NUMBER OF PEOPLE ENTERING THE HUB ON A FALL BUSINESS DAY BY SECTOR, BY YEAR



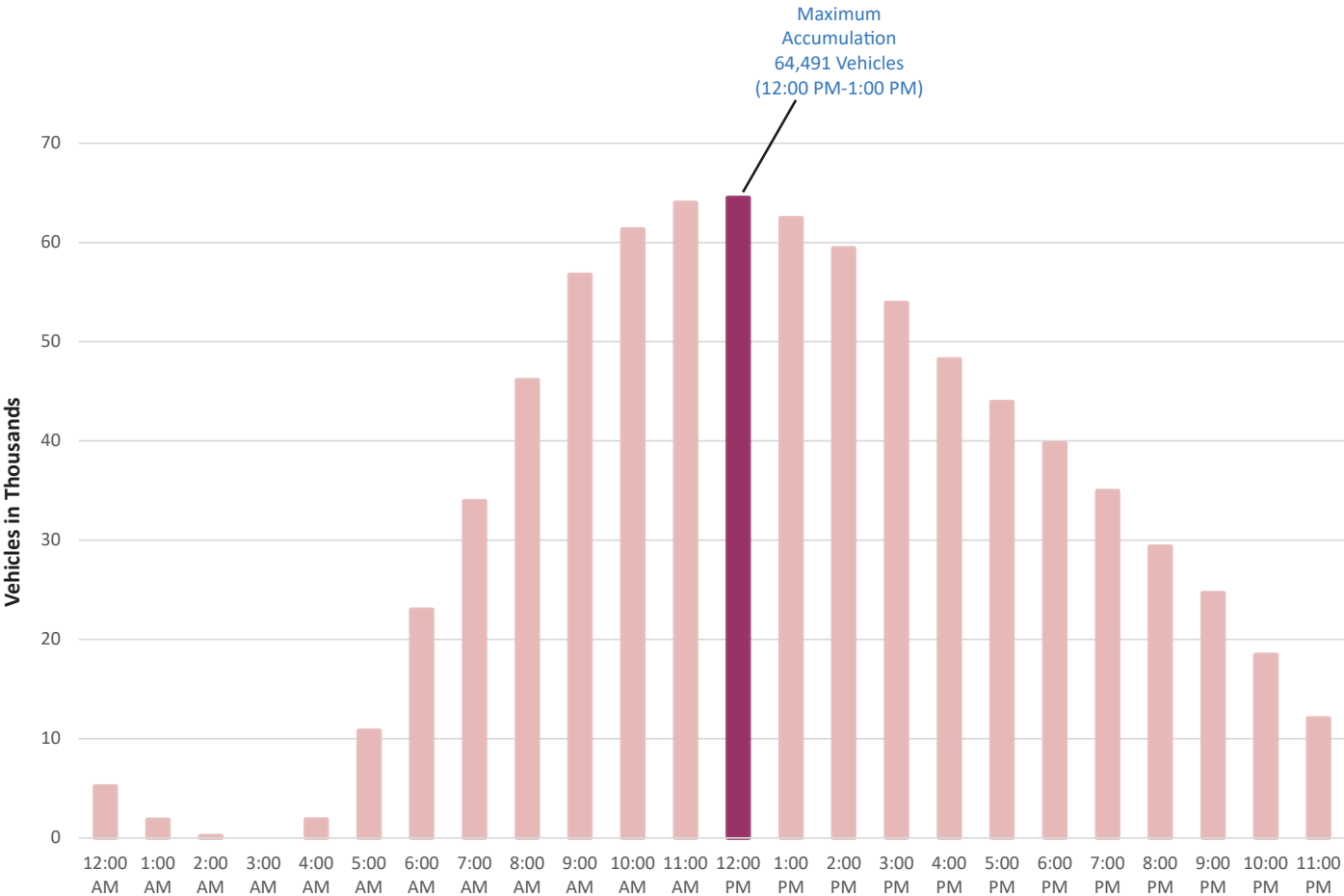
1. Queens Sector counts exclude Roosevelt Island Tram.
2. Includes only Staten Island Ferry and Roosevelt Island Tramway passengers.

In 2024, the peak occupant count in the hub increased by about 12% (or about 107,000 people) compared to 2023, reaching 988,000 across all travel modes (Table 21B, Appendix II). This represents a staggering 157% (or close to 604,000) increase from 2020. This report also tracks the time at which this maximum accumulation occurs. As usual, the 2024 Hub saw its highest concentration of people in the early afternoon.

The number of people traveling via public transportation in 2024 increased by about 15% during the morning peak period (7:00 AM to 10:00 AM) and the evening peak period (4:00 PM to 7:00 PM), since 2023 (Table 22A, Appendix II).

Traffic in the Hub peaked at over 64,000 vehicles, a 4.7% (or about 3,000 vehicles) decrease from 2023. This is 8.7% (or almost 6,000 vehicles) below the peak vehicle count in 2020, at the height of the pandemic. As in 2023, the peak congestion occurred between noon and 1:00 PM (Figure 10 and Table 23B, Appendix II).

FIGURE 10
HOURLY ACCUMULATION OF VEHICLES
ON A FALL BUSINESS DAY
BY SECTOR, IN 2024



CHANGES IN HUB-BOUND TRAVEL

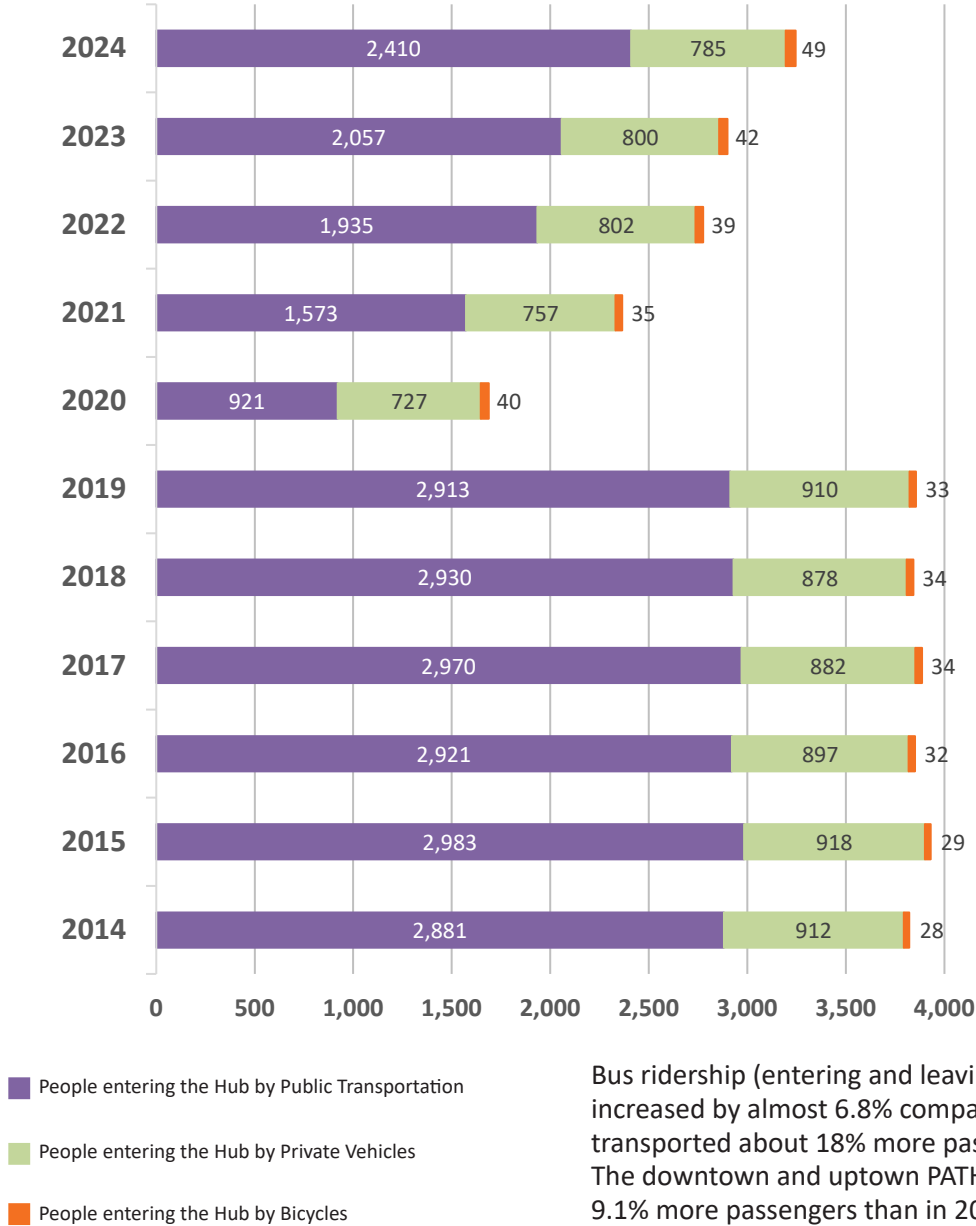
On a typical business day in 2024, roughly 3.1 million people entered Manhattan’s central business district (CBD), marking a 10% increase (nearly 296,000) compared to 2023’s daily entries (Table 1A).

While 2024 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 2024, trips to the Hub via all public transportation modes increased by about 15% compared to 2023. This is a staggering 157% increase since 2020. However, this ridership remains 19% below 2019 levels (Figure 11 and Table 22A, Appendix II).

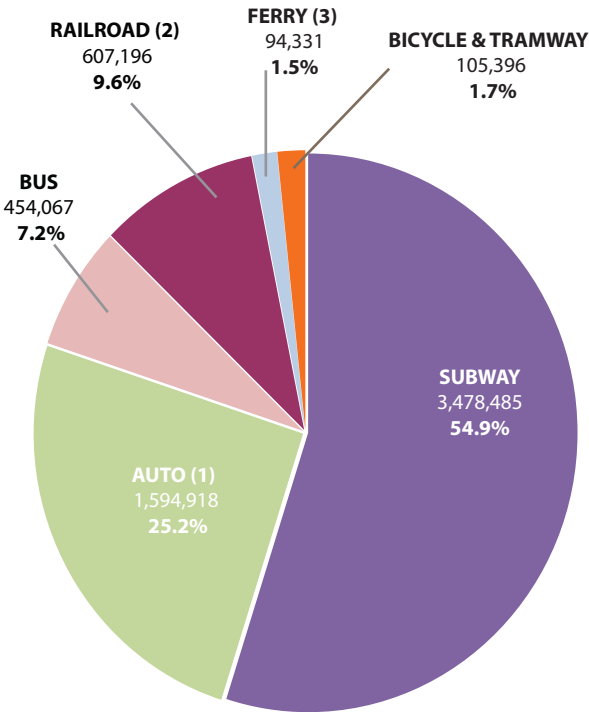
FIGURE 11
TOTAL NUMBER OF PEOPLE ENTERING THE HUB ON A FALL BUSINESS DAY
IN THOUSANDS



Bus ridership (entering and leaving the Hub) in 2024 increased by almost 6.8% compared to 2023. The subway transported about 18% more passengers than in 2023. The downtown and uptown PATH lines carried about 9.1% more passengers than in 2023 (Table 5). Suburban and intercity rail services carried a total of approximately 4.3% or almost 25,000 more passengers than a year ago at the same time.

In 2024, subway passengers made up approximately 55% of all Hub travelers, followed by private motor vehicles (25%), railroad (9.6%) and bus (7.2%) passengers. Bicycles, trams, and ferries transported a little over 3% additional riders (Figure 12).

FIGURE 12
TOTAL NUMBER OF PEOPLE ENTERING and LEAVING THE HUB ON A FALL BUSINESS DAY BY MODE, IN 2024



(1) Includes: Autos, Taxis, Commuter Vans, and Trucks
(2) Suburban and Intercity Rail Transit (such as NJ Transit; AMTRAK; LIRR)
(3) Excludes Bicyclists on SI Ferry

Trips via ferries (both publicly and privately operated) increased by close to 2.5% in 2024 compared with 2023. Daily ridership on the Roosevelt Island Tramway decreased by a noticeable 34%, or by close to 3,600 persons (Table 5). This fall is mainly attributed to the resumption of regular F train services which was disrupted in the previous year for construction; the slower speed of the tram for system improvement projects, was cited as another contributing factor. Almost 89% of all bus passengers entering the Hub in 2024 used express buses. Among express bus riders, 84% commuted from New Jersey (Table 9, Appendix I).

PRIVATE TRANSPORTATION

In 2024, the share of passengers who used private auto transportation as their mode of choice to enter the CBD was about 25%. This modeshare was 28% in 2023. Comparison of the 2023 and 2024 total number of incoming automotive passengers shows a decline of 1.9% or of 15,000 passengers. On a typical business day in 2024, the total number of people both entering and leaving the Hub by private motor vehicles also declined by 1.9%, or around 30,000 persons, compared to 2023. Similar comparison at a sector level show a 2.6% year-over-year decline auto travel in the Brooklyn Sector. The 60th Street Sector and the Queens Sector saw similar levels of decline at 2.1% and 2.3% respectively. The New Jersey Sector, on the other hand, was the only sector with increasing private vehicle ridership with an increase of 0.7% compared to 2023. (Table 10, Appendix I and Figure 13).

Around 98,000 daily bicycle trips to and from the CBD were recorded in 2024, an 18% increase from 2023 (Table on page III-44).

FIGURE 13
TOTAL PRIVATE MOTOR VEHICLES* ENTERING and LEAVING THE HUB ON A FALL BUSINESS DAY BY SECTOR, IN 2024



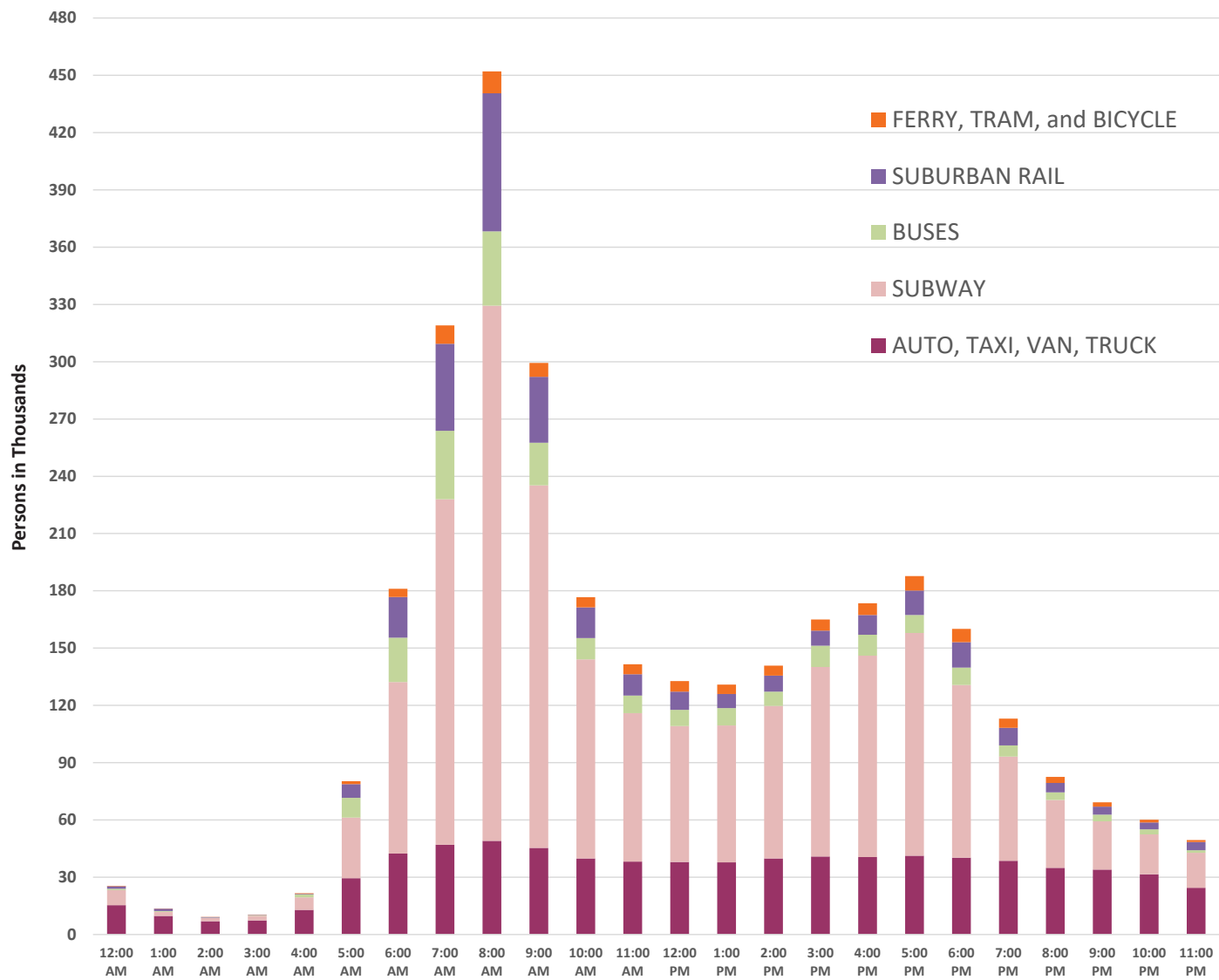
* Includes: Autos, Taxis, Commuter Vans, and Trucks

TIME OF ENTRY

In 2024, 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 452,000, an increase of 19%, or about 72,000 more people than in 2023. Furthermore, between 7:00 AM and 10:00 AM, it was about 1 million, which is about 13%, or 126,000 more than in 2023.

In 2024, 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 34% of the total daily inbound volume, respectively (Figure 14 and Tables 14A-14B, Appendix II).

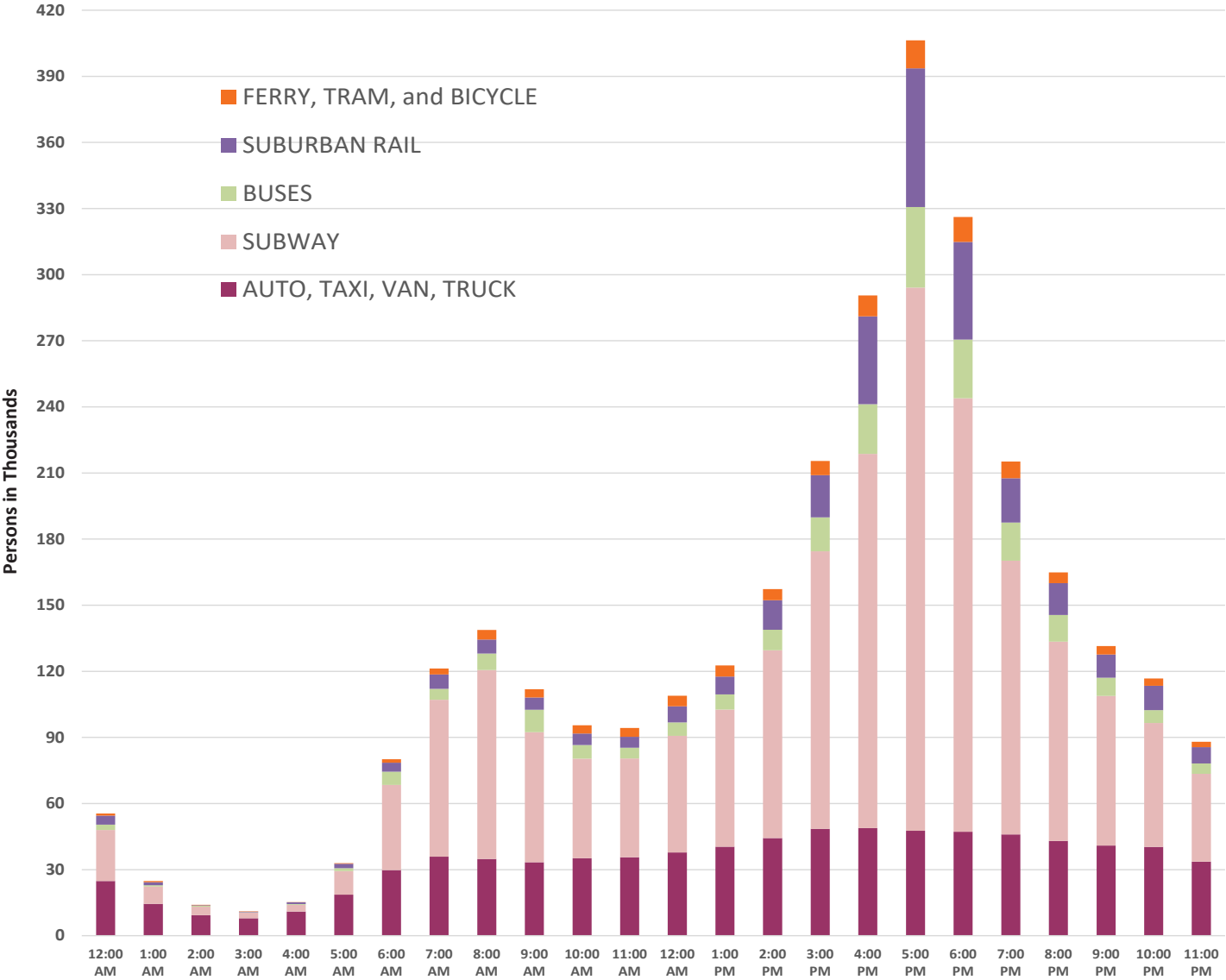
FIGURE 14
TOTAL NUMBER OF PEOPLE ENTERING THE HUB
ON A FALL BUSINESS DAY, IN 2024
BY HOUR, BY MODE



During the peak afternoon hour of 5:00 PM to 6:00 PM on a typical weekday, nearly 406,000 people left the Hub, an increase of almost 13%, or about 46,000 more people than in 2023. Meanwhile, the broader peak period from 4:00 PM to 7:00 PM saw roughly 1 million people leaving the Hub by all modes, an increase of roughly 12%, or close to 107,000 more people than in 2023.

The afternoon peak hour and peak period riderships represented approximately 13% and 33%, respectively of the total daily outbound volume (Figure 15 and Tables 15A-15B, Appendix II).

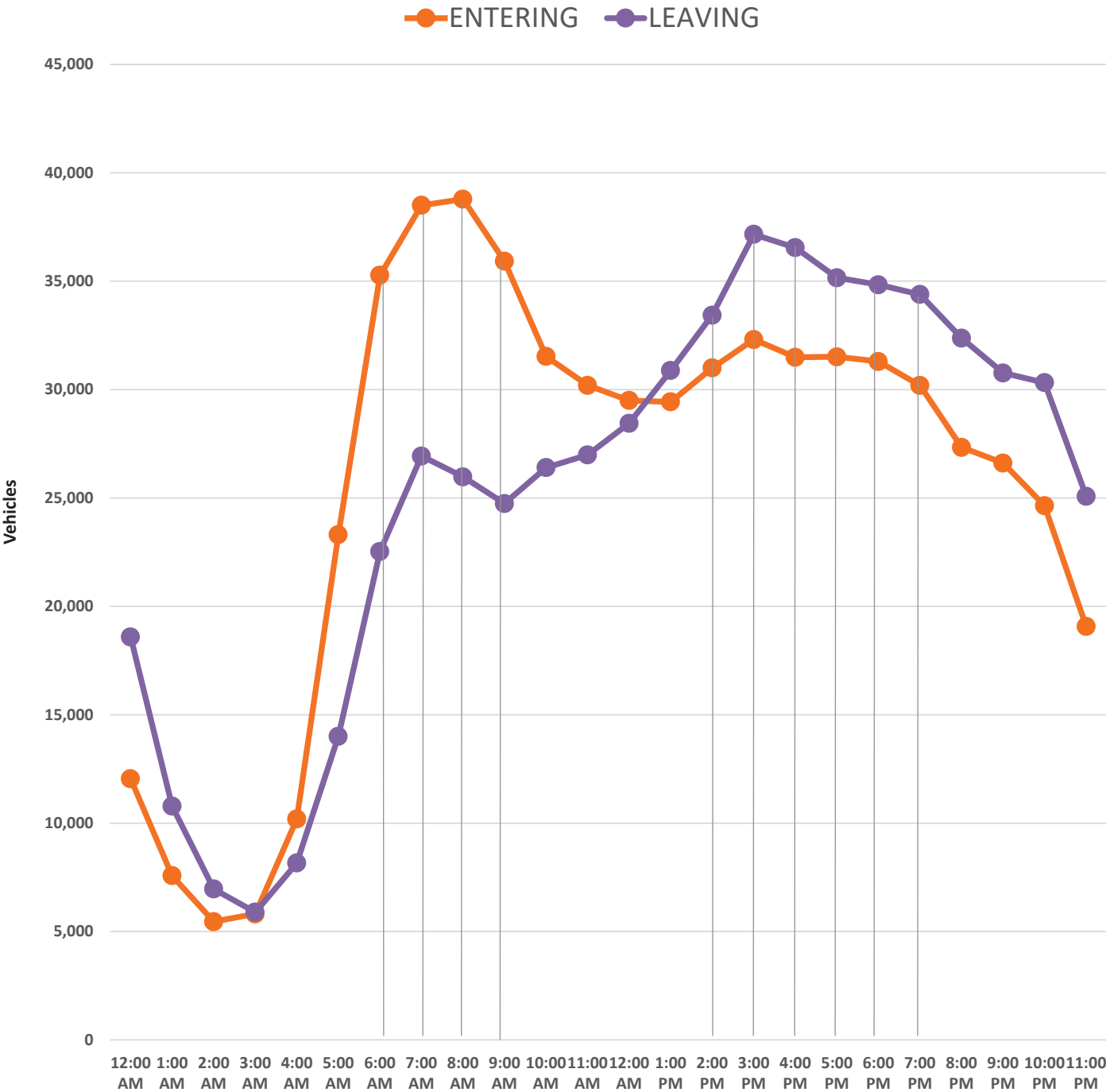
FIGURE 15
TOTAL NUMBER OF PEOPLE LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2024
BY HOUR, BY MODE



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).

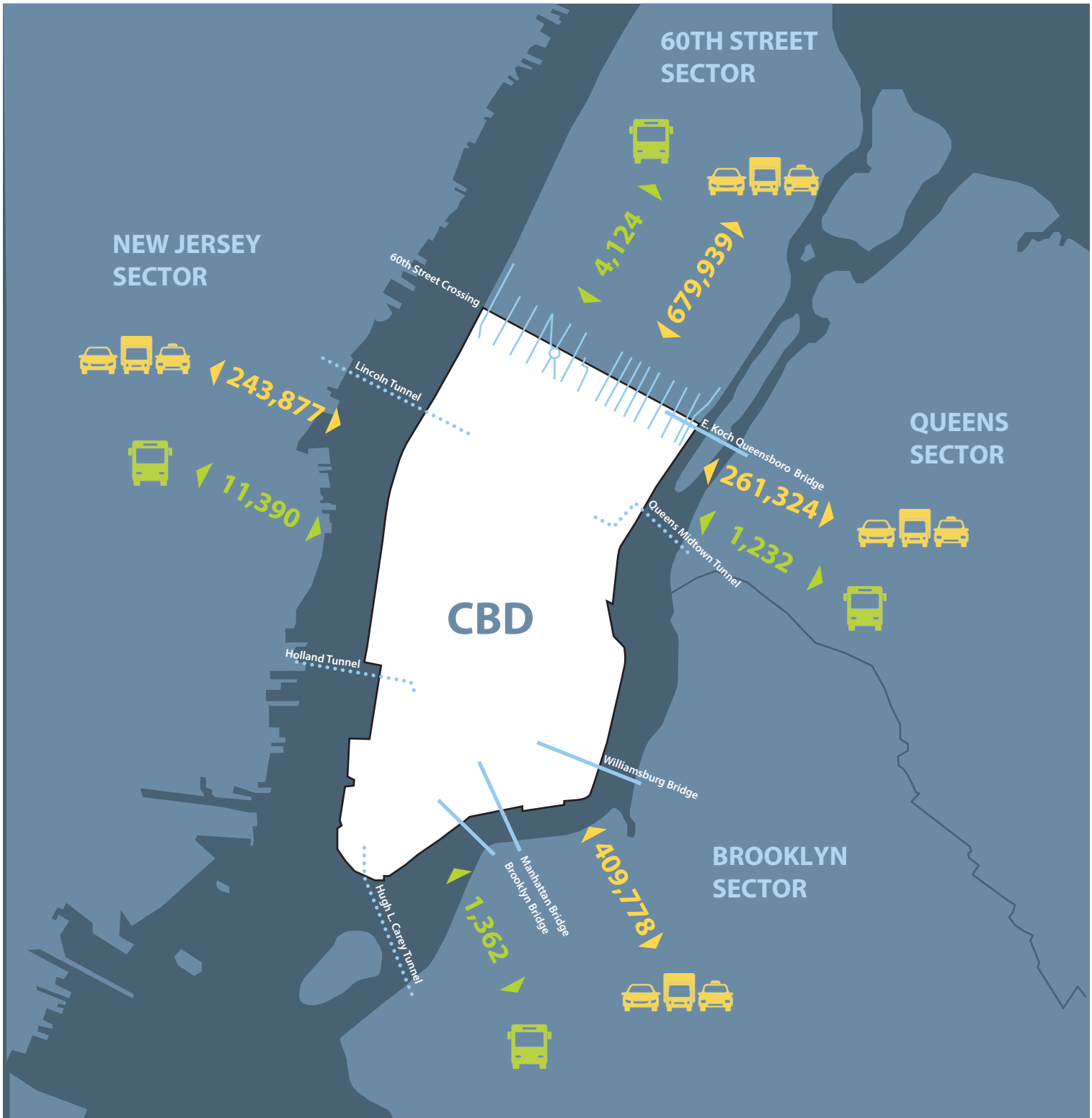
In 2024, roughly 23,000 fewer private motor vehicles entered and left the Hub on an average weekday compared to the previous year. This translated to an almost 2% decrease in inbound and outbound vehicular traffic (Table 23A, Appendix II).

FIGURE 16
PRIVATE MOTOR VEHICLES* ENTERING and LEAVING THE HUB
ON A FALL BUSINESS DAY, IN 2024
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 2024**
 BY SECTOR



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Appendix I

Time Series Tables - 2024

Note

I. Changes in travel behavior due to the COVID-19 pandemic remain. However, there has been continuous and steady increase in travel since 2020.

II. Data collection methods, standards, etc. may have changed over the years in various ways. Care should be taken when comparing prior years' data.

III. Some data for 1999 were lost on 9/11/2001.

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TABLE 1A
Share of Persons and Vehicles Entering the Hub on a Fall Business Day
(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%
TRAMWAY	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:

- 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.

TABLE 1A (continued)
Share of Persons and Vehicles Entering the Hub on a Fall Business Day
(in thousands)

	1995		1996		1997		1998		1999		2000		2001		2002		2003		2004	
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%	1,172	32%
BUS	216	6%	220	6%	238	7%	231	6%	237	6%	228	6%	257	7%	260	7%	261	7%	286	8%
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%	1,887	51%
RAILROAD	236	7%	246	7%	251	7%	254	7%	274	7%	301	8%	288	8%	307	8%	288	8%	274	7%
PASSENGER FERRY	42	1%	41	1%	43	1%	43	1%	57	2%	46	1%	30	1%	67	2%	62	2%	53	1%
TRAMWAY	2	0%	2	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	2	0%
BICYCLE	(1)		(1)		8	0%	8	0%	14	0%	6	0%	6	0%	7	0%	9	0%	9	0%
TOTAL	3,410	-	3,454	-	3,546	-	3,670	-	3,790	-	3,839	-	3,471	-	3,657	-	3,621	-	3,682	-
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%	1,386	38%
BROOKLYN	865	26%	883	26%	964	28%	991	27%	991	26%	1,040	27%	927	27%	987	27%	977	27%	1,012	27%
QUEENS	702	21%	705	21%	712	20%	764	21%	784	21%	787	21%	772	22%	765	21%	740	20%	752	20%
NEW JERSEY	425	13%	437	13%	460	13%	463	13%	481	13%	497	14%	424	12%	476	13%	473	13%	499	14%
STATEN ISLAND	30	1%	30	1%	31	1%	31	1%	39	1%	30	1%	0	0%	33	1%	30	1%	32	1%
ROOSEVELT ISLAND	2	0%	2	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	1	0%	2	0%
TOTAL	3,410	-	3,433	-	3,544	-	3,669	-	3,790	-	3,839	-	3,471	-	3,657	-	3,621	-	3,682	-
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%	384	47%
BROOKLYN	189	25%	182	23%	199	25%	206	25%	203	24%	201	24%	133	19%	178	23%	185	23%	195	24%
QUEENS	117	16%	119	15%	131	16%	138	17%	135	16%	131	16%	127	18%	133	17%	139	17%	133	16%
NEW JERSEY	104	14%	100	13%	101	12%	102	12%	112	13%	105	13%	60	9%	97	12%	103	13%	102	13%
STATEN ISLAND	0	0%	0	0%	1	0%	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL	772	-	776	-	809	-	836	-	844	-	825	-	689	-	785	-	810	-	815	-

Notes:

- See notes 2 & 3 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.
- Data collection methods, standards, etc. may have changed over the years in various ways. Care should be taken when comparing prior years' data.

(1) Data not available for the years before 1997.

TABLE 1A (continued)
Share of Persons and Vehicles Entering the Hub on a Fall Business Day
(in thousands)

	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014	
PERSONS BY MODE																				
AUTO, TAXI, VAN & TRUCK	1,016	28%	1,009	28%	993	27%	939	25%	951	26%	974	26%	951	26%	940	25%	934	24%	913	24%
BUS	280	8%	284	8%	291	8%	284	7%	274	8%	269	7%	263	7%	268	7%	268	7%	263	7%
SUBWAY	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%	2,252	59%
RAILROAD	284	8%	299	8%	305	8%	310	8%	300	8%	300	8%	302	8%	303	8%	310	8%	318	8%
PASSENGER FERRY	52	1%	49	1%	49	1%	53	1%	54	2%	55	1%	50	1%	52	1%	49	1%	44	1%
TRAMWAY	2	0%	3	0%	3	0%	3	0%	3	0%	0	0%	3	0%	3	0%	4	0%	3	0%
BICYCLE	9	0%	12	0%	15	0%	15	0%	21	1%	24	1%	25	1%	22	1%	29	1%	28	1%
TOTAL	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	-	3,816	-	3,821	-
PERSONS BY SECTOR																				
NORTH OF 60TH STREET	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%	1,433	37%
BROOKLYN	901	25%	909	25%	986	26%	989	26%	944	26%	981	27%	964	26%	1,011	27%	1,043	27%	1,059	28%
QUEENS	735	21%	742	21%	779	21%	778	20%	737	20%	748	20%	757	21%	780	21%	780	20%	777	20%
NEW JERSEY	493	14%	515	14%	536	14%	528	14%	515	14%	537	15%	518	14%	521	14%	524	14%	521	14%
STATEN ISLAND	33	1%	30	1%	30	1%	35	1%	36	1%	37	1%	30	1%	36	1%	34	1%	29	1%
ROOSEVELT ISLAND	2	0%	3	0%	3	0%	3	0%	-	-	-	-	3	0%	3	0%	4	0%	3	0%
TOTAL	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-	3,688	-	3,662	-	3,755	-	3,816	-	3,821	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																				
NORTH OF 60TH STREET	377	47%	364	46%	353	45%	339	46%	343	46%	349	46%	347	46%	331	45%	329	45%	323	45%
BROOKLYN	187	23%	186	23%	192	25%	176	24%	182	24%	186	24%	174	23%	178	24%	184	25%	179	25%
QUEENS	133	17%	141	18%	136	17%	131	18%	137	18%	134	17%	138	18%	140	19%	132	18%	130	18%
NEW JERSEY	101	13%	103	13%	102	13%	94	13%	87	12%	98	13%	89	12%	90	12%	90	12%	87	12%
TOTAL	798	-	794	-	783	-	739	-	750	-	767	-	748	-	740	-	736	-	719	-

Note: - See note 2 on page I-0.
- Percentages may not total to 100 due to rounding.
- Data collection methods, standards, etc. may have changed over the years in various ways. Care should be taken when comparing prior years' data.

TABLE 1A (continued)
Share of Persons and Vehicles Entering the Hub on a Fall Business Day
(in thousands)

	2015		2016		2017		2018		2019		2020		2021		2022		2023		2024	
PERSONS BY MODE																				
AUTO, TAXI, VAN & TRUCK	918	23%	897	23%	882	23%	878	23%	910	24%	727	43%	757	32%	802	29%	800	28%	785	25%
BUS	279	7%	279	7%	282	7%	280	7%	276	7%	87	5%	136	6%	202	7%	215	7%	237	7%
SUBWAY	2,318	59%	2,299	59%	2,287	59%	2,242	58%	2,228	58%	738	44%	1,253	53%	1,456	52%	1,494	52%	1,765	55%
RAILROAD	328	8%	339	9%	336	9%	338	9%	344	9%	75	4%	149	6%	235	8%	297	10%	307	10%
PASSENGER FERRY	54	1%	60	2%	62	2%	67	2%	61	2%	20	1%	33	1%	40	1%	46	2%	48	1%
TRAMWAY	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%	2	0%	3	0%	5	0%	4	0%
BICYCLE	29	1%	32	1%	34	1%	34	1%	33	1%	40	2%	35	1%	39	1%	42	1%	49	2%
TOTAL	3,931	-	3,910	-	3,886	-	3,842	-	3,856	-	1,688	-	2,365	-	2,776	-	2,899	-	3,195	-
PERSONS BY SECTOR																				
NORTH OF 60TH STREET	1,430	36%	1,419	36%	1,407	36%	1,375	36%	1,375	36%	654	39%	913	39%	1,012	36%	1,071	37%	1,141	36%
BROOKLYN	1,075	27%	1,080	28%	1,073	28%	1,054	27%	1,076	28%	481	28%	664	28%	758	27%	762	26%	851	27%
QUEENS	817	21%	785	20%	775	20%	779	20%	777	20%	335	20%	443	19%	559	20%	570	20%	661	21%
NEW JERSEY	568	14%	581	15%	591	15%	587	15%	590	15%	204	12%	325	14%	422	15%	472	16%	513	16%
STATEN ISLAND	37	1%	41	1%	37	1%	42	1%	35	1%	13	1%	18	1%	22	1%	25	1%	26	1%
ROOSEVELT ISLAND	4	0%	5	0%	3	0%	4	0%	4	0%	1	0%	2	0%	3	0%	5	0%	4	0%
TOTAL	3,931	-	3,910	-	3,886	-	3,842	-	3,856	-	1,688	-	2,365	-	2,776	-	2,904	-	3,195	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																				
NORTH OF 60TH STREET	318	44%	314	44%	301	43%	301	43%	291	40%	240	41%	267	45%	273	43%	280	40%	354	45%
BROOKLYN	176	24%	180	25%	185	26%	182	26%	216	30%	166	29%	160	27%	172	27%	164	26%	189	24%
QUEENS	139	19%	126	18%	123	18%	127	18%	131	18%	99	17%	79	13%	95	15%	95	15%	122	16%
NEW JERSEY	91	13%	88	12%	89	13%	89	13%	89	12%	74	13%	91	15%	93	15%	92	13%	120	15%
TOTAL	724	-	709	-	698	-	699	-	728	-	580	-	597	-	633	-	699	-	785	-

Notes: - See notes 1 & 2 on page I-0.
 - Percentages may not total to 100 due to rounding.
 - Data collection methods, standards, etc. may have changed over the years in various ways. Care should be taken when comparing prior years' data.

TABLE 1B
Persons Entering the Hub From 7 AM - 10 AM on a Fall Business Day
by Mode (in thousands)

YEAR / MODE	1994		1995		1996		1997		1998		2000		2001		2002		2003		2004	
AUTO, TAXI, VAN & TRUCK	218	16%	219	16%	228	16%	252	18%	263	18%	259	17%	179	13%	220	16%	239	17%	228	17%
BUS	121	9%	119	9%	122	9%	117	8%	120	8%	131	9%	132	10%	138	10%	140	10%	136	10%
SUBWAY	866	62%	855	62%	858	61%	845	60%	839	59%	958	63%	851	62%	813	58%	787	57%	804	59%
RAILROAD	165	12%	165	12%	169	12%	171	12%	193	13%	154	10%	183	13%	196	14%	184	13%	172	13%
PASSENGER FERRY	24	2%	24	2%	24	2%	25	2%	15	1%	23	2%	21	2%	39	3%	36	3%	29	2%
TRAMWAY	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%	0	0%	0	0%	1	0%	1	0%
BICYCLE			2	0%	2	0%	1	0%	2	0%	1	0%	1	0%	2	0%	2	0%	2	0%
TOTAL	1,396	-	1,385	-	1,403	-	1,412	-	1,433	-	1,536	-	1,368	-	1,408	-	1,388	-	1,372	-
YEAR / MODE	2005		2006		2007		2008		2009		2010		2011		2012		2013		2014	
AUTO, TAXI, VAN & TRUCK	193	14%	193	15%	186	13%	180	12%	180	14%	186	14%	181	13%	139	10%	173	12%	167	12%
BUS	132	10%	135	10%	139	10%	134	9%	128	10%	124	9%	124	9%	130	10%	133	9%	126	9%
SUBWAY	809	60%	785	59%	918	63%	915	63%	804	61%	832	61%	847	62%	877	64%	900	63%	910	64%
RAILROAD	180	13%	184	14%	188	13%	187	13%	182	14%	179	13%	183	13%	182	13%	185	13%	190	13%
PASSENGER FERRY	28	2%	28	2%	24	2%	27	2%	27	2%	27	2%	26	2%	25	2%	22	2%	23	2%
TRAMWAY	1	0%	1	0%	1	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%	1	0%
BICYCLE	2	0%	2	0%	3	0%	4	0%	5	0%	5	0%	6	0%	6	0%	8	1%	8	1%
TOTAL	1,346	-	1,328	-	1,460	-	1,448	-	1,327	-	1,353	-	1,368	-	1,361	-	1,422	-	1,426	-
YEAR / MODE	2015		2016		2017		2018		2019		2020		2021		2022		2023		2024	
AUTO, TAXI, VAN & TRUCK	168	12%	160	11%	156	11%	153	11%	161	11%	145	33%	141	20%	145	16%	143	15%	141	13%
BUS	131	9%	129	9%	127	9%	125	9%	122	8%	27	6%	54	8%	82	9%	89	9%	97	9%
SUBWAY	922	63%	921	64%	913	64%	902	64%	923	64%	227	51%	427	60%	549	60%	535	57%	651	61%
RAILROAD	197	14%	203	14%	198	14%	200	14%	201	14%	31	7%	71	10%	120	13%	151	16%	152	14%
PASSENGER FERRY	26	2%	25	2%	29	2%	30	2%	27	2%	6	1%	13	2%	15	2%	16	2%	16	2%
TRAMWAY	1	0%	2	0%	1	0%	1	0%	1	0%	0	0%	1	0%	1	0%	1	0%	1	0%
BICYCLE	8	1%	9	1%	9	1%	9	1%	9	1%	8	2%	8	1%	8	1%	10	1%	11	1%
TOTAL	1,452	-	1,448	-	1,434	-	1,421	-	1,444	-	445	-	715	-	920	-	944	-	1,070	-

Notes: - See notes on page I-0.
- Percentages may not total to 100 due to rounding.

TABLE 2
Percentages* of People Entering the Hub in
Peak Hour (8-9 AM) and Peak Period (7-10 AM) by Mode,
1992 - 2024

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
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%
2023	6.2%	17.8%	16.1%	39.0%	13.3%	33.0%
2024	6.2%	18.0%	16.9%	38.9%	14.2%	33.7%

Notes:

- See notes 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
Central Business District (CBD) Employment and Total Persons
Entering the Hub During the Day and Morning Peak,
1991-2024

YEAR	24 HOURS	PEAK PERIOD 7-10 AM	PEAK HOUR 8-9 AM	HUB EMPLOYMENT
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	2,008,452
2022	2,776,385	920,123	385,538	2,060,528
2023	2,899,287	944,168	380,082	2,073,373
2024	3,194,976	1,070,426	452,075	2,086,218

Notes:

- See notes 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.

- 2021-2024 Employment (i.e., number of jobs at the place of work) were collected from NYMTC's Adjusted 2055 SED Forecasts adopted on June 20th, 2024, and therefore differ from what was published in previous reports.

* N/A - data from 1999 not available following the events of 9/11/01.

TABLE 4
Maximum 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.
1992	1,262,000	529,000	1,791,000	1:00 PM	96,300	84,600	180,900	1:00 PM
1993	1,250,000	530,900	1,780,900	1:00 PM	94,100	85,800	179,900	2:00 PM
1994	1,273,000	535,000	1,808,000	1:00 PM	97,100	86,100	183,200	2:00 PM
1995	1,277,000	539,000	1,816,000	1:00 PM	94,100	86,100	180,200	2:00 PM
1996	1,295,000	544,000	1,839,000	1:00 PM	94,000	85,900	179,900	1:00 PM
1997	1,303,000	547,000	1,850,000	1:00 PM	101,000	89,000	190,000	2:00 PM
1998	1,296,000	551,000	1,847,000	1:00 PM	104,000	95,100	199,100	2:00 PM
2000	1,464,000	552,000	2,015,846	1:00 PM	103,367	91,080	194,447	2:00 PM
2001	1,254,000	540,000	2,016,000	1:00 PM	67,093	91,080	156,228	2:00 PM
2002	1,253,800	567,000	1,805,800	1:00 PM	60,181	91,080	151,261	2:00 PM
2003	1,273,519	573,000	1,821,360	1:00 PM	86,909	91,740	178,649	2:00 PM
2004	1,228,259	583,000	1,783,259	2:00 PM	91,551	91,575	183,126	1:00 PM
2005	1,197,459	590,000	1,172,459	2:00 PM	85,119	97,350	182,469	1:00 PM
2006	1,244,863	590,000	1,834,863	2:00 PM	89,847	97,350	187,197	1:00 PM
2007	1,325,609	597,000	1,922,609	1:00 PM	88,623	98,505	187,128	1:00 PM
2008	1,334,179	616,883	1,951,062	1:00 PM	79,198	101,786	180,984	1:00 PM
2009	1,209,458	621,000	1,830,458	2:00 PM	78,305	102,465	180,770	1:00 PM
2010	1,231,071	619,228	1,850,292	2:00 PM	78,173	75,637	153,810	1:00 PM
2011	1,230,220	591,000	1,821,220	2:00 PM	79,651	71,107	150,758	1:00 PM
2012	1,316,844	597,000	1,913,844	2:00 PM	81,359	71,166	152,525	1:00 PM
2013	1,342,153	598,000	1,940,153	2:00 PM	79,753	70,980	150,733	1:00 PM
2014	1,365,561	600,000	1,965,561	2:00 PM	75,896	71,043	146,939	1:00 PM
2015	1,392,132	603,000	1,995,132	2:00 PM	78,750	71,059	149,809	1:00 PM
2016	1,381,111	620,000	2,001,111	2:00 PM	72,867	73,061	145,929	1:00 PM
2017	1,378,724	643,000	2,021,724	2:00 PM	73,203	76,382	149,584	1:00 PM
2018	1,378,366	612,000	1,990,366	2:00 PM	67,725	75,626	143,351	1:00 PM
2019	1,382,597	619,000	2,001,597	2:00 PM	80,998	76,713	157,711	1:00 PM
2020	384,302	627,000	1,011,302	2:00 PM	70,597	77,518	148,116	12:00 PM
2021	610,279	599,000	1,209,279	2:00 PM	57,640	73,584	131,224	1:00 PM
2022	848,495	633,376	1,481,871	2:00 PM	66,539	78,435	144,974	1:00 PM
2023	881,000	635,078	1,516,078	2:00 PM	67,643	71,081	138,724	1:00 PM
2024	988,343	633,554	1,621,897	2:00 PM	64,491	75,993	140,484	1:00 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.
(1) 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

	2016	2017	2018	2019	2020	2021	2022	2023	2024
BUS PASSENGERS									
60TH STREET SECTOR									
FDR DRIVE (1)	-	-	-	-	-	-	-	-	-
YORK AVENUE	3,792	2,702	2,424	2,630	1,202	2,035	2,890	3,746	3,394
FIRST AVE/SECOND AVE	14,999	16,161	15,806	17,187	9,709	12,728	14,210	17,476	15,293
LEXINGTON AVE/THIRD AVE	8,955	8,179	10,201	10,610	6,226	7,006	9,842	13,846	12,493
MADISON AVE/FIFTH AVE	23,164	21,651	20,929	23,544	8,430	13,156	17,504	21,702	22,780
CENTRAL PK WEST	804	613	493	433	224	393	548	635	679
EIGHTH AVENUE (1)	-	-	-	-	-	-	-	-	-
BROADWAY	7,350	6,082	5,692	6,054	2,951	4,728	5,564	6,289	6,263
COLUMBUS AVE/AMSTERDAM AVE	2,744	2,547	2,494	2,949	1,444	2,502	3,114	3,420	3,743
WEST END AVENUE	1,823	1,830	1,890	2,134	993	1,630	2,186	2,743	3,616
SECTOR TOTAL	63,631	59,765	59,929	65,541	31,179	44,178	55,858	69,857	68,261
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	306	329	337	318	274	248	328	189	102
MANHATTAN BRIDGE	(1)	(1)	(1)	(1)	577 (2)	(1)	(1)	(1)	(1)
HUGH L. CAREY TUNNEL	40,590	42,241	38,264	36,111	14,703	24,244	31,850	34,684	31,886
SECTOR TOTAL	40,896	42,570	38,601	36,429	15,554	24,492	32,178	34,873	31,988
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	10,236	11,187	10,796	10,529	3,112	5,757	8,027	9,118	9,178
ED KOCH QUEENSBORO BRIDGE	9,870	9,353	10,800	10,741	5,385	6,433	8,332	10,496	9,511
SECTOR TOTAL	20,106	20,540	21,596	21,270	8,497	12,190	16,359	19,614	18,689
NEW JERSEY SECTOR									
HOLLAND TUNNEL	30,737	28,257	25,581	21,901	3,026	2,302	10,752	10,817	7,545
LINCOLN TUNNEL	400,370	406,250	399,391	387,166	108,310	179,831	263,297	289,943	327,584
SECTOR TOTAL	431,107	434,507	424,972	409,067	111,336	182,133	274,049	300,760	335,129
TOTAL BUS PASSENGERS	555,740	557,382	545,098	532,307	166,566	262,993	378,444	425,104	454,067

Notes: - See notes 1 & 2 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

	2016	2017	2018	2019	2020	2021	2022	2023	2024
SUBWAY PASSENGERS									
60TH STREET SECTOR									
SECOND AVENUE LOCAL	(1)	149,277	152,728	152,027	47,959	81,862	99,643	121,460	119,278
LEXINGTON AVENUE EXPRESS	386,250	330,963	318,049	316,231	123,279	181,366	188,062	217,180	240,137
LEXINGTON AVENUE LOCAL	307,982	247,372	233,504	240,531	85,156	144,095	168,036	179,786	183,190
EIGHTH AVENUE EXPRESS	274,781	300,544	287,321	283,787	104,784	154,031	177,198	177,731	211,758
EIGHTH AVENUE LOCAL	144,082	141,307	113,955	136,281	32,644	72,485	82,000	86,312	102,906
BROADWAY/7TH AVE EXPRESS	320,456	302,063	274,527	291,697	94,066	160,185	173,251	167,012	221,900
BROADWAY/7TH AVE LOCAL	223,675	214,038	240,356	226,567	63,981	129,256	157,355	154,763	178,851
SECTOR TOTAL	1,657,226	1,685,564	1,620,440	1,647,121	551,869	923,280	1,045,545	1,104,244	1,258,020
BROOKLYN SECTOR									
14TH STREET TUNNEL	248,094	304,551	256,472	246,791	93,175	158,847	186,105	177,791	228,388
WILLIAMSBURG BRIDGE	165,077	122,004	145,506	148,986	49,966	80,067	84,804	80,932	99,697
RUTGERS TUNNEL	154,766	122,820	143,512	132,948	36,933	76,629	93,577	90,554	107,619
MANHATTAN BRIDGE	419,024	439,103	439,896	406,397	152,113	242,203	286,227	298,527	321,191
CRANBERRY ST. TUNNEL	251,898	239,232	258,881	249,039	75,446	124,592	159,853	165,033	208,441
CLARK ST. TUNNEL	151,529	144,782	131,054	142,671	39,328	76,111	89,159	92,164	107,778
MONTAGUE ST. TUNNEL	61,386	61,642	59,960	51,434	11,107	25,501	29,896	32,153	34,741
JORALEMON ST. TUNNEL	187,043	178,793	162,733	167,197	57,364	91,852	106,016	119,879	127,521
SECTOR TOTAL	1,638,817	1,612,927	1,598,014	1,545,463	515,432	875,802	1,035,637	1,057,033	1,235,376
QUEENS SECTOR									
60TH STREET TUNNEL	292,407	268,370	250,506	224,151	83,686	138,688	158,913	185,659	178,900
53RD STREET TUNNEL	261,254	298,886	316,289	290,643	101,345	172,722	197,185	129,530	266,144
STEINWAY ST. TUNNEL	253,508	250,218	213,140	259,095	91,707	127,949	163,833	163,262	197,269
63RD STREET TUNNEL	180,682	140,057	170,538	158,364	46,018	94,603	112,302	123,068	141,431
SECTOR TOTAL	987,851	957,531	950,473	932,253	322,756	533,962	632,233	601,519	783,744

Notes: - See notes 1 & 2 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

	2016	2017	2018	2019	2020	2021	2022	2023	2024
SUBWAY PASSENGERS									
NEW JERSEY SECTOR									
PATH DOWNTOWN	122,884	132,208	139,153	137,082	30,660	57,903	78,347	95,253	103,620
PATH UPTOWN	130,859	137,426	130,792	136,365	29,978	61,442	81,770	89,227	97,725
SECTOR TOTAL	253,743	269,634	269,945	273,447	60,638	119,345	160,117	184,480	201,345
TOTAL SUBWAY PASSENGERS	4,537,637	4,525,656	4,438,872	4,398,284	1,450,695	2,452,389	2,873,532	2,947,276	3,478,485
SUBURBAN RAIL PASSENGERS									
AMTRAK & MTA METRO-NORTH RR	222,545	226,389	228,682	226,296	36,535	100,083	143,884	171,874	180,771
AMTRAK & MTA LIRR	242,343	242,853	243,485	246,843	70,989	109,229	204,826	232,706	237,007
AMTRAK & NJ TRANSIT	200,805	197,399	196,740	212,191	40,158	84,514	120,706	177,795	189,418
TOTAL RAIL PASSENGERS	665,693	666,641	668,907	685,330	147,682	293,826	469,416	582,375	607,196
FERRY PASSENGERS									
MANHATTAN & UPSTATE	-	-	-	-	-	-	1,911	2,227	2,270
BROOKLYN	1,538	3,891	3,290	5,203	1,993	3,537	3,300	4,122	4,167
QUEENS	1,261	6,850	6,580	8,327	5,110	8,060	6,653	9,004	7,990
STATEN ISLAND (1)	84,116	79,159	83,709	68,175	27,007	34,726	43,913	48,950	51,335
NEW JERSEY	35,836	35,901	36,340	36,820	6,659	17,837	24,776	27,687	28,569
TOTAL FERRY PASSENGRS	122,751	125,801	129,919	118,525	40,769	64,160	78,642	89,763	94,331
ROOSEVELT ISLAND TRAMWAY	9,205	5,516	7,326	7,820	2,500	4,687	5,530	10,601	6,962
TOTAL PUBLIC TRANSIT PASSENGERS (2)	5,891,026	5,880,996	5,790,122	5,742,266	1,808,212	3,078,055	3,805,564	4,055,119	4,641,041
BICYCLE (3)	64,078	67,286	67,160	65,588	79,980	68,481	78,783	83,440	98,434

Notes: - See notes 1 & 2 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

SECTOR AND FACILITY	2021			2022			2023			2024		
	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *
	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)
60TH STREET SECTOR												
SECOND AVE LOCAL	21	21	223	23	23	247	25	25	259	24	26	230
LEXINGTON AVE EXPRESS	60	65	436	62	56	434	63	67	468	62	69	494
LEXINGTON AVE LOCAL	49	49	432	52	48	441	52	50	453	48	51	399
EIGHTH AVE EXPRESS	41	38	401	47	43	464	47	44	485	49	48	499
EIGHTH AVE LOCAL	32	32	284	37	35	333	33	35	321	35	34	345
B'WAY/7TH AV EXPRESS	53	52	425	57	49	380	59	50	426	54	58	459
B'WAY/7TH AV LOCAL	39	38	351	40	39	355	42	40	390	43	42	379
AMTRAK/METRO-NORTH	83	73	352	117	108	388	115	108	384	115	106	383
SECTOR TOTAL	378	368	2,904	435	401	3,042	436	419	3,186	430	434	3,188
BROOKLYN SECTOR												
14TH STREET TUNNEL	48	41	412	48	45	446	51	45	449	47	46	445
WILLIAMSBURG BRIDGE	44	44	368	49	46	398	35	42	400	50	48	435
RUTGERS ST. TUNNEL	29	31	287	32	34	304	29	31	271	30	34	313
MANHATTAN BRIDGE	88	79	661	95	80	772	94	98	775	95	94	770
CRANBERRY ST. TUNNEL	48	45	332	54	54	402	50	50	418	56	55	444
CLARK ST. TUNNEL	45	50	411	44	42	413	49	46	427	48	51	469
MONTAGUE ST. TUNNEL	24	24	278	22	25	265	22	23	239	24	25	221
JORALEMON ST. TUNNEL	58	57	434	56	55	437	59	62	477	57	64	485
SECTOR TOTAL	384	371	3,183	400	381	3,437	389	397	3,456	407	417	3,582
QUEENS SECTOR												
60TH STREEL TUNNEL	57	64	508	62	59	475	66	67	551	50	65	514
53RD STREET TUNNEL	57	56	459	52	60	464	35	30	254	63	59	487
STEINWAY ST. TUNNEL	68	59	441	70	63	497	71	64	502	68	58	482
63RD STREET TUNNEL	34	38	280	34	37	301	32	34	258	37	40	305
AMTRAK/LIRR TUNNEL	62	60	317	96	99	525	123	126	627	93	90	509
SECTOR TOTAL	278	277	2,005	314	318	2,262	327	321	2,192	311	312	2,297
SUBTOTAL, NYCT	895	883	7,423	936	893	7,828	914	903	7,823	940	967	8,175
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNNEL	65	65	362	62	62	355	57	58	341	57	58	340
PATH UPTOWN TUNNNEL	62	58	365	62	58	384	57	56	362	62	56	367
AMTRAK/NJ TRANSIT TUNNELS	48	45	260	53	55	327	56	56	303	57	57	307
SECTOR TOTAL	175	168	987	177	175	1,066	170	170	1,006	176	171	1,014
GRAND TOTAL	1,215	1,184	9,079	1,326	1,275	9,807	1,322	1,307	9,840	1,324	1,334	10,081

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.

TABLE 7
Number of Rail Cars on Subway and Suburban Rail
Entering and Leaving the Hub
on a Fall Business Day

SECTOR AND FACILITY	2021			2022			2023			2024		
	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *	AM	PM	OFF *
	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)	PEAK (3 hrs)	PEAK (3 hrs)	PEAK (18 hrs)
60TH STREET SECTOR												
SECOND AVE LOCAL (1)	168	168	1,784	184	184	1,976	200	200	2,072	192	208	1,840
LEXINGTON AVE EXPRESS	600	650	4,360	620	560	4,340	630	670	4,680	620	690	4,940
LEXINGTON AVE LOCAL	490	490	4,320	520	480	4,410	520	500	4,530	480	510	3,990
EIGHT AVE EXPRESS	328	304	3,208	376	344	3,712	376	352	3,880	446	436	4,512
EIGHT AVE LOCAL	256	256	2,272	296	280	2,664	264	280	2,568	280	272	2,812
B'WAY/7TH AV EXPRESS	530	520	4,250	570	490	3,800	590	500	4,260	540	580	4,590
B'WAY/7TH AV LOCAL	390	380	3,510	400	390	3,550	420	400	3,900	430	420	3,790
AMTRAK/METRO-NORTH	644	561	2,704	780	711	2,572	814	758	2,654	817	748	2,658
SECTOR TOTAL	3,406	3,329	26,408	3,746	3,439	27,024	3,814	3,660	28,544	3,805	3,864	29,132
BROOKLYN SECTOR												
14TH STREET TUNNEL	384	328	3,296	384	360	3,568	408	360	3,592	376	368	3,560
WILLIAMSBURG BRIDGE	352	352	2,944	392	368	3,184	280	336	3,200	400	384	3,480
RUTGERS ST. TUNNEL	290	310	2,870	320	340	3,040	290	310	2,710	300	340	3,130
MANHATTAN BRIDGE	704	632	5,288	760	640	6,176	752	784	6,200	760	752	6,160
CRANBERRY ST. TUNNEL	384	360	2,656	432	432	3,216	400	400	3,344	524	514	4,086
CLARK ST. TUNNEL	450	500	4,110	440	420	4,130	490	460	4,270	480	510	4,690
MONTAGUE ST. TUNNEL	240	240	2,660	220	250	2,564	220	230	2,334	240	250	2,138
JORALEMON ST. TUNNEL	580	570	4,340	560	550	4,370	590	620	4,770	570	640	4,850
SECTOR TOTAL	3,384	3,292	28,164	3,508	3,360	30,248	3,430	3,500	30,420	3,650	3,758	32,094
QUEENS SECTOR												
60TH STREET TUNNEL	500	560	4,414	542	522	4,150	582	594	4,780	446	574	4,486
53RD STREET TUNNEL	530	520	4,296	478	556	4,340	350	300	2,540	580	548	4,534
STEINWAY ST. TUNNEL	748	649	4,851	770	693	5,467	781	704	5,522	748	638	5,302
63RD STREET TUNNEL	340	380	2,800	340	370	3,010	320	340	2,580	370	400	3,050
AMTRAK/LIRR TUNNEL	614	612	3,237	775	806	4,094	1,033	1,048	5,388	846	791	4,605
SECTOR TOTAL	2,732	2,721	19,598	2,905	2,947	21,061	3,066	2,986	20,810	2,990	2,951	21,977
TOTAL, NYCT	8,264	8,169	68,229	8,604	8,229	71,667	8,463	8,340	71,732	8,782	9,034	75,940
NEW JERSEY SECTOR												
PATH DOWNTOWN TUNNEL	494	494	2,745	470	470	2,689	446	453	2,618	471	478	2,782
PATH UPTOWN TUNNEL	434	406	2,555	434	406	2,688	399	392	2,534	434	392	2,569
AMTRAK/NJ TRANSIT TUNNELS	407	405	2,110	443	450	2,496	458	454	2,400	471	486	2,435
SECTOR TOTAL	1,335	1,305	7,410	1,347	1,326	7,873	1,303	1,299	7,552	1,376	1,356	7,786
GRAND TOTAL	10,857	10,647	81,580	11,506	11,072	86,206	11,613	11,445	87,326	11,821	11,929	90,989

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.

TABLE 8
Average Floor Space Per Passenger (1)
Entering the Hub on a Fall Business Day,
During 8 AM - 9 AM Peak Hour
(in square feet)

MODE / YEAR	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
60TH STREET SECTOR											
SUBWAY-EXPRESS	4.4	4.0	3.9	4.3	4.4	4.4	17.6	9.0	7.9	8.3	6.7
SUBWAY-LOCAL	4.9	5.1	5.1	5.2	4.8	5.2	27.5	10.6	8.1	9.0	7.8
SUBURBAN RAIL	7.3	7.2	7.3	7.0	7.0	7.0	26.1	12.4	10.1	8.9	8.2
BUS	11.6	13.0	14.0	15.2	15.5	12.6	36.5	22.6	16.0	14.6	14.4
SECTOR AVERAGE	5.4	5.2	5.2	5.4	5.4	5.4	22.5	10.6	8.7	8.9	7.7
BROOKLYN SECTOR											
SUBWAY	5.3	5.3	5.2	5.4	5.2	5.1	23.9	11.4	8.9	9.2	7.6
BUS	9.3	8.9	9.0	9.5	9.1	9.8	36.0	20.7	14.9	13.2	14.3
SECTOR AVERAGE	5.4	5.4	5.4	5.5	5.3	5.3	24.3	11.7	9.1	9.4	7.8
QUEENS SECTOR											
SUBWAY	5.5	5.1	5.1	5.1	4.9	5.4	18.6	10.3	8.0	8.6	6.2
SUBURBAN RAIL	7.0	6.9	6.9	7.0	7.0	7.0	37.6	15.4	8.3	8.7	7.7
BUS	11.8	12.3	15.7	12.7	14.4	14.3	47.2	30.2	21.6	18.2	17.6
SECTOR AVERAGE	6.1	5.8	5.8	5.8	5.6	6.1	23.3	11.8	8.4	8.9	6.9
NEW JERSEY SECTOR											
SUBWAY	4.7	4.4	4.1	3.8	3.6	3.8	23.9	9.1	5.6	4.5	4.7
SUBURBAN RAIL	5.4	5.6	4.5	5.4	4.9	5.0	36.2	13.2	11.4	6.2	6.4
BUS	9.1	8.2	8.3	8.3	8.2	8.3	29.4	12.4	7.8	8.1	6.8
SECTOR AVERAGE	6.6	6.3	5.8	5.9	5.8	5.8	29.0	11.4	7.6	6.3	6.0
STATEN ISLAND FERRY	14.5	12.7	14.6	12.8	12.6	17.4	65.1	36.6	30.2	27.5	27.8
ROOSEVELT ISLAND TRAMWAY	3.5	3.1	2.7	6.2	4.1	4.3	4.3	6.9	6.9	3.6	3.6
ALL TRANSIT MODES	5.8	5.7	5.6	5.7	5.6	5.7	24.5	11.6	8.7	8.7	7.3

Notes: - See notes 1 & 2 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

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
BUS PASSENGERS											
EXPRESS BUS											
NEW YORK CITY	45,889	43,118	41,745	42,848	40,938	39,737	16,783	26,312	33,664	33,903	32,996
WEST OF HUDSON	192,349	214,609	215,478	219,336	217,485	212,146	57,543	95,076	148,627	154,610	176,985
NORTH OF NYC	272	252	241	260	291	236	114	145	175	119	213
TOTAL EXPRESS BUS	238,510	257,979	257,464	262,444	258,714	252,119	74,440	121,533	182,466	188,632	210,194
LOCAL BUS	24,161	20,975	21,229	19,834	21,021	24,107	12,266	14,750	19,409	26,150	27,238
TOTAL BUS PASSENGERS	262,671	278,954	278,693	282,278	279,735	276,226	86,706	136,283	201,875	214,782	237,432
NUMBER OF BUSES											
EXPRESS BUS											
NEW YORK CITY	1,645	1,617	1,597	1,604	1,631	1,648	1,699	1,675	1,674	1,678	1,652
WEST OF HUDSON	7,698	7,728	7,754	7,967	7,868	7,789	4,730	5,103	5,360	5,758	5,695
NORTH OF NYC	12	12	11	11	11	10	10	8	8	8	8
TOTAL EXPRESS BUS	9,355	9,357	9,362	9,582	9,510	9,447	6,439	6,786	7,042	7,444	7,355
LOCAL BUS	1,759	1,728	1,782	1,803	1,749	1,743	1,822	1,669	1,711	1,752	1,712
TOTAL BUSES	11,114	11,085	11,144	11,385	11,259	11,190	8,261	8,455	8,753	9,196	9,067

Note: - See notes 1 & 2 on page I-0.

TABLE 10
Total Persons Entering and Leaving the Hub by Auto, Taxi, Van & Truck
on a Fall Business Day

VEHICLE OCCUPANTS / LOCATION	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
60TH STREET SECTOR										
EAST OF CENTRAL PARK										
FDR DRIVE	187,021	192,664	192,149	201,826	180,015	192,324	190,336	197,364	198,412	193,064
YORK AVENUE	42,909	30,726	30,448	34,210	33,607	21,750	26,915	25,205	31,255	31,020
SECOND AND FIRST AVENUES	98,916	88,794	98,573	90,259	85,191	71,136	77,057	75,952	82,995	79,558
QUEENSBORO BRIDGE RAMP (1)	39,984	42,738	39,821	41,299	41,737	31,362	-	-	-	-
LEXINGTON AND THIRD AVENUES	62,575	63,911	61,795	61,799	57,313	42,903	52,245	52,155	42,875	45,833
PARK AVENUE	52,978	49,594	48,965	51,764	51,983	35,684	49,333	40,081	45,173	45,935
FIFTH AND MADISON AVENUES	68,710	69,745	56,484	54,586	53,561	43,241	50,934	50,764	50,332	43,348
SUBTOTAL	553,093	538,172	528,235	535,743	503,407	438,400	446,820	441,521	451,042	438,758
CENTRAL PARK DRIVES (2)	11,501	7,971	7,584							
WEST OF CENTRAL PARK										
EIGHTH AVE./CENTRAL PARK WEST	24,581	22,836	23,186	22,324	20,789	14,049	13,426	14,335	16,436	18,112
BROADWAY	38,746	35,562	38,454	33,011	33,567	20,887	27,130	24,448	27,270	26,632
COLUMBUS AND AMSTERDAM AVE.	55,872	52,190	53,383	58,403	51,764	38,715	44,141	42,403	47,941	47,556
WEST END AVENUE	32,513	29,814	30,479	32,912	30,693	20,763	22,430	27,060	23,171	24,838
WEST SIDE HIGHWAY	130,334	132,990	130,145	128,221	138,491	110,957	123,547	129,900	128,878	124,043
SUBTOTAL	282,046	273,392	275,647	274,871	275,304	205,371	230,674	238,146	243,696	241,181
SECTOR TOTAL	846,640	819,535	811,466	810,613	778,711	643,771	677,494	679,667	694,738	679,939
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	133,361	133,941	133,698	133,007	163,455	108,349	115,572	117,359	110,818	111,695
MANHATTAN BRIDGE	118,636	115,102	108,897	102,793	94,645	93,911	94,625	95,902	96,986	95,553
BROOKLYN BRIDGE	129,227	133,399	145,130	150,549	193,433	144,150	131,867	134,750	136,742	131,438
HUGH L. CAREY TUNNEL	64,050	65,036	63,168	68,007	66,142	63,104	77,333	76,422	76,129	71,092
SECTOR TOTAL	445,274	447,478	450,893	454,356	517,675	409,514	419,397	424,433	420,675	409,778
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	127,551	108,118	118,366	122,509	128,342	94,971	115,543	128,640	130,832	122,946
ED KOCH QUEENSBORO BRIDGE (1), (3)	211,117	206,019	204,401	176,123	196,768	153,659	128,434	140,291	136,576	138,378
SECTOR TOTAL	338,668	314,137	322,767	298,632	325,110	248,630	243,977	268,931	267,408	261,324
NEW JERSEY SECTOR										
HOLLAND TUNNEL	106,165	104,959	102,949	105,863	108,097	86,972	97,502	105,736	96,176	98,229
LINCOLN TUNNEL	142,484	134,184	136,876	129,952	126,643	110,975	136,046	131,982	146,047	145,648
SECTOR TOTAL	248,649	239,143	239,825	235,815	234,740	197,947	233,548	237,718	242,223	243,877
TOTAL, ALL FACILITIES	1,879,231	1,820,293	1,824,951	1,799,416	1,856,236	1,499,862	1,574,416	1,610,749	1,625,044	1,594,918

Notes: - See notes 1 & 2 on page I-0.

(1) Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not entering the CBD but passing over it. Care should be taken when comparing prior years of data.

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

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

TABLE 11
Motor Vehicles (Autos, Taxis, Vans, Trucks)
Entering and Leaving the Hub on a Fall Business Day

MOTOR VEHICLES / LOCATION	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
60th STREET SECTOR										
EAST OF CENTRAL PARK										
FDR DRIVE	143,495	147,824	147,470	155,529	138,475	148,510	145,996	151,520	152,314	148,299
YORK AVENUE	32,940	24,429	23,390	26,272	25,891	16,766	20,887	19,341	23,368	23,101
SECOND AND FIRST AVENUES	74,267	66,341	74,201	68,167	64,149	53,514	58,084	56,984	62,144	60,020
ED KOCH QUEENSBORO BRIDGE RAMP (1)	33,149	35,408	33,049	34,248	34,588	26,034	-	-	-	-
LEXINGTON AND THIRD AVENUES	47,037	47,866	46,379	46,365	42,675	32,039	38,569	38,237	31,757	33,600
PARK AVENUE	36,517	34,334	33,927	35,942	36,052	24,773	34,278	27,751	31,299	31,759
FIFTH AND MADISON AVENUES	45,569	46,251	37,677	36,342	35,592	28,826	33,824	33,698	33,347	28,726
SUBTOTAL	412,974	402,453	396,093	402,865	377,422	330,462	331,638	327,531	334,229	325,505
CENTRAL PARK DRIVES (2)	6,399	4,452	4,244							
WEST OF CENTRAL PARK										
CENTRAL PARK WEST	13,839	12,926	13,096	12,625	11,752	7,924	7,596	8,095	9,270	10,217
BROADWAY	28,927	26,550	28,731	24,626	25,066	15,612	20,369	18,222	20,383	19,907
COLUMBUS AND AMSTERDAM AVES.	42,229	39,487	40,430	44,205	39,190	29,326	33,404	32,048	36,222	35,928
WEST END AVENUE	22,611	20,725	21,182	22,888	21,338	14,452	15,606	18,813	16,114	17,286
WEST SIDE HIGHWAY	113,753	116,126	113,626	112,080	120,901	96,943	107,895	113,372	112,531	108,356
SUBTOTAL	221,359	215,814	217,065	216,424	218,247	164,257	184,870	190,550	194,520	191,694
SECTOR TOTAL	640,732	622,719	617,402	619,288	595,669	494,719	516,508	518,081	528,749	517,199
BROOKLYN SECTOR										
WILLIAMSBURG BRIDGE	105,154	105,590	105,352	104,722	128,214	85,357	90,996	92,465	87,241	87,932
MANHATTAN BRIDGE	87,046	85,084	80,273	75,862	69,245	69,505	68,102	70,768	71,551	70,279
BROOKLYN BRIDGE	102,219	105,679	115,981	119,735	158,132	114,184	104,862	107,032	107,235	103,035
HUGH L. CAREY TUNNEL	55,734	56,545	55,039	59,201	57,599	54,978	67,315	66,518	66,337	62,023
SECTOR TOTAL	350,153	352,898	356,645	359,520	413,190	324,024	331,275	336,783	332,364	323,269
QUEENS SECTOR										
QUEENS MIDTOWN TUNNEL	88,573	74,883	82,392	85,330	89,352	66,296	80,709	89,533	90,824	85,637
ED KOCH QUEENSBORO BRIDGE (1), (3)	173,776	169,586	168,029	144,782	161,881	126,631	104,891	114,863	111,919	113,537
SECTOR TOTAL	262,349	244,469	250,421	230,112	251,233	192,927	185,600	204,396	202,743	199,174
NEW JERSEY SECTOR										
HOLLAND TUNNEL	88,457	87,481	85,804	86,141	87,985	70,886	81,179	82,786	79,977	81,674
LINCOLN TUNNEL	103,110	97,020	99,005	98,187	95,582	84,137	98,355	104,203	105,322	104,999
SECTOR TOTAL	191,567	184,501	184,809	184,328	183,567	155,023	179,534	186,989	185,299	186,673
TOTAL, ALL FACILITIES	1,444,801	1,404,587	1,409,277	1,393,248	1,443,659	1,166,693	1,212,917	1,246,249	1,249,155	1,226,315

Notes: - See notes 1 & 2 on page I-0.

(1) Beginning from 2021, vehicles that use the northern Queensboro bridge exit were excluded as these are not entering the CBD but passing over it. Care should be taken when comparing prior years of data.

(2) Beginning from 2018, Central Park South and 7th Avenue, open only to authorized vehicles and not general traffic.

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

TABLE 12
Reverse Travel From the Hub During Morning Peak Period (7AM - 10AM)
on a Fall Business Day, by Mode and by Sector

YEAR / SECTOR / MODE	2017	2018	2019	2020	2021	2022	2023	2024
SECTOR								
60TH STREET	207,161	203,943	212,589	113,588	148,411	153,641	161,172	176,570
BROOKLYN	109,364	109,886	101,066	63,093	85,730	84,217	81,955	92,913
QUEENS	64,037	44,406	60,853	31,038	44,492	49,722	47,593	54,769
NEW JERSEY	68,479	67,894	65,551	26,211	35,149	45,350	50,698	45,972
STATEN ISLAND	2,377	2,391	2,431	1,150	1,063	1,279	1,349	1,483
ROOSEVELT ISLAND	200	266	259	151	180	207	457	211
TOTAL, ALL SECTORS	451,618	428,786	442,749	235,231	315,025	334,416	343,224	371,918
MODE								
AUTOS, TAXIS, VANS AND TRUCKS	117,441	119,827	114,474	107,893	114,779	105,305	105,889	104,056
BUS	35,812	35,624	32,974	11,776	17,141	23,855	30,657	22,639
SUBWAY	273,944	266,087	269,136	103,862	167,260	180,882	179,446	216,057
SUBURBAN AND INTERCITY RAIL	17,250	17,382	19,049	6,100	9,966	15,457	16,913	18,383
FERRY	3,764	3,817	3,890	1,953	2,632	5,303	6,064	6,198
TRAMWAY	200	266	259	151	180	207	457	211
BICYCLE	3,207	3,569	2,967	3,496	3,067	3,407	3,798	4,374
TOTAL, ALL MODES	451,618	446,572	442,749	235,231	315,025	334,416	343,224	371,918

Notes:

- See notes 1 & 2 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		
	2021	2022	2023	2024	2022/ 2021	2023/ 2022	2024/ 2023
CONNECTICUT REGION							
3 COUNTIES	2,008	2,011	2,007	2,022	0.1%	-0.2%	0.8%
NEW JERSEY							
9 COUNTIES	5,964	5,968	5,972	6,025	0.1%	0.1%	0.9%
NEW YORK STATE							
MANHATTAN HUB (1)	599	633	635	634	5.7%	0.3%	-0.2%
NYC REMAINDER	7,869	7,989	7,881	7,850	1.5%	-1.4%	-0.4%
7 SUBURBAN COUNTIES	5,054	5,045	5,049	5,064	-0.2%	0.1%	0.3%
TOTAL	13,521	13,667	13,565	13,548	1.1%	-0.7%	-0.1%
TOTAL REGION	21,494	21,645	21,544	21,595	0.7%	-0.5%	0.2%

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: 2021-2024.
- Manhattan Hub population data is calculated based on the Census tract data.
- (1) NYMTC Estimate based on Census Tract data.

TABLE 13B
TriState Region Non-Agricultural Wage and Salary Employment

	EMPLOYMENT (in thousands)				PERCENT CHANGE		
	2021	2022	2023	2024	2022/ 2021	2023/ 2022	2024/ 2023
CONNECTICUT REGION							
3 COUNTIES	989	1,017	1,021	1,024	2.8%	0.4%	0.4%
NEW JERSEY							
9 COUNTIES	2,998	3,117	3,129	3,140	4.0%	0.4%	0.4%
NEW YORK STATE							
MANHATTAN HUB (1), (2)	2,008	2,061	2,073	2,086	2.6%	0.6%	0.6%
NYC REMAINDER	2,886	2,995	3,002	3,009	3.8%	0.2%	0.2%
7 SUBURBAN COUNTIES	2,378	2,465	2,474	2,482	3.7%	0.4%	0.4%
TOTAL	7,272	7,521	7,549	7,577	3.4%	0.4%	0.4%
REGION TOTAL	11,259	11,655	11,698	11,741	3.5%	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.
- 2021-2024 Employment (i.e., number of jobs at the place of work) were collected from NYMTC's Adjusted 2055 SED Forecasts adopted on June 20th, 2024, and therefore differ from what was published in previous reports.

(1) NYMTC Estimate based on based on Census tract data.

(2) Employment data taken from the SED forecasts show employment loss due to the Covid-19 pandemic.

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Appendix II

Summary Tables - 2024

- Note:**
- I. Changes in travel behavior due to the COVID-19 pandemic remain. However, there has been continuous and steady increase in travel since 2020.
 - II. Data collection methods, standards, etc. may have changed over the years in various ways. Care should be taken when comparing prior years' data.
 - III. Some data for 1999 were lost on 9/11/2001.

TABLE 14 A
Where and How People Entered the Hub on a Fall Business Day in 2024
Morning Peak Hour (8-9 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL
	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM	8-9 AM
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	6,794	-	-	-	-	-
York Avenue	349	-	-	-	250	-
First Avenue	-	-	-	-	-	-
Second Avenue	2,006	-	7,208	525	211	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue-IRT	712	15,073	8,864	43	557	-
Park Ave	1,523	-	-	-	-	25,427
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	1,446	-	-	703	1,011	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	871	15,092	9,630	20	376	-
Eighth Avenue	-	14,786	6,970	-	-	-
Columbus Avenue	1,584	-	-	-	145	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	1,014	-	-	-	164	-
West Side Highway	4,680	-	-	-	-	222
Hudson River Greenway	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	20,979	44,951	32,672	1,291	2,714	25,649
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	18,727	-	-	-
Williamsburg Bridge-BMT	2,724	-	10,767	-	6	-
Rutgers Tunnel-IND	-	-	7,312	-	-	-
Manhattan Bridge-BMT	2,791	15,410	14,720	-	-	-
Brooklyn Bridge	3,122	-	-	-	-	-
Cranberry Tunnel-IND	-	-	18,892	-	-	-
Clark Tunnel-IRT	-	-	8,174	-	-	-
Montague Tunnel-BMT	-	-	4,026	-	-	-
Joralemon Tunnel-IRT	-	-	10,795	-	-	-
Hugh L. Carey Tunnel	3,479	-	-	3,266	-	-
	-	-	-	-	-	-
SECTOR TOTAL	12,116	15,410	93,413	3,266	6	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	16,111	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	15,652	-	-	-
Ed Koch Queensboro Bridge-Tramway	3,391	-	-	-	135	-
Fifty-third St. Tunnel-IND	-	-	22,621	-	-	-
Steinway Tunnel-IRT	-	-	13,915	-	-	-
Queens Midtown Tunnel-IRT	4,508	-	-	2,071	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	26,565
	-	-	-	-	-	-
SECTOR TOTAL	7,899	-	68,299	2,071	135	26,565
NEW JERSEY SECTOR						
Lincoln Tunnel	5,095	-	-	28,883	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	20,180
Uptown PATH Tunnel	-	-	11,420	-	-	-
Holland Tunnel	2,914	-	-	496	-	-
Downtown PATH Tunnel	-	-	14,216	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	8,009	-	25,636	29,379	-	20,180
	-	-	-	-	-	-
TOTAL, ALL SECTORS	49,003	60,361	220,020	36,007	2,855	72,394

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 when comparing prior years of data.

TABLE 14 A (Continued)
Where and How People Entered the Hub on a Fall Business Day in 2024
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	-	-	-	-	6,794
York Avenue	-	-	-	250	599
First Avenue	-	-	10	10	10
Second Avenue	-	-	568	8,512	10,518
Third Avenue	-	-	14	14	14
Lexington Avenue- IRT	-	-	94	24,631	25,343
Park Ave	-	-	55	25,482	27,005
Madison Avenue	-	-	2	2	2
Fifth Avenue	-	-	150	1,864	3,310
Sixth Avenue	-	-	7	7	7
Seventh Avenue	-	-	276	276	276
Broadway	-	-	165	25,283	26,154
Eighth Avenue	-	-	20	21,776	21,776
Columbus Avenue	-	-	218	363	1,947
Amsterdam Avenue	-	-	11	11	11
West End Avenue	-	-	70	234	1,248
West Side Highway	-	-	5	227	4,907
Hudson River Greenway	-	-	548	548	548
All Ferry Points	35	-	-	35	35
SECTOR TOTAL	35	-	2,213	109,525	130,504
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	18,727	18,727
Williamsburg Bridge-BMT	-	-	667	11,440	14,164
Rutgers Tunnel-IND	-	-	-	7,312	7,312
Manhattan Bridge-BMT	-	-	491	30,621	33,412
Brooklyn Bridge	-	-	559	559	3,681
Cranberry Tunnel-IND	-	-	-	18,892	18,892
Clark Tunnel-IRT	-	-	-	8,174	8,174
Montague Tunnel-BMT	-	-	-	4,026	4,026
Joralemon Tunnel-IRT	-	-	-	10,795	10,795
Hugh L. Carey Tunnel	-	-	-	3,266	6,745
All Ferry Points	56	-	-	56	56
SECTOR TOTAL	56	-	1,717	113,868	125,984
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	16,111	16,111
Sixtieth St. Tunnel-BMT/IND	-	-	-	15,652	15,652
Ed Koch Queensboro Bridge-Tramway	-	308	562	1,005	4,396
Fifty-third St. Tunnel-IND	-	-	-	22,621	22,621
Steinway Tunnel-IRT	-	-	-	13,915	13,915
Queens Midtown Tunnel-IRT	-	-	-	2,071	6,579
Amtrak/LIRR Tunnels	-	-	-	26,565	26,565
All Ferry Points	161	-	-	161	161
SECTOR TOTAL	161	308	562	98,101	106,000
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	28,883	33,978
Amtrak/N.J. Transit Tunnels	-	-	-	20,180	20,180
Uptown PATH Tunnel	-	-	-	11,420	11,420
Holland Tunnel	-	-	-	496	3,410
Downtown PATH Tunnel	-	-	-	14,216	14,216
All Ferry Points	3,386	-	-	3,386	3,386
SECTOR TOTAL	3,386	-	-	78,581	86,590
Staten Island Ferry, Bicycle	2,942	-	55	2,997	2,997
TOTAL, ALL SECTORS	6,580	308	4,547	403,072	452,075

TABLE 14 B
Where and How People Entered the Hub on a Fall Business Day in 2024
Morning Peak Period (7-10 AM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL
	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM	7-10 AM
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	19,045	-	-	-	-	-
York Avenue	1,030	-	-	-	552	-
First Avenue	-	-	-	-	-	-
Second Avenue	5,753	-	17,150	1,448	520	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	2,033	37,561	22,357	107	1,402	-
Park Ave	3,978	-	-	-	-	52,179
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	3,924	-	-	1,811	2,219	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	2,386	35,356	23,220	38	879	-
Eighth Avenue	-	35,867	13,022	-	-	-
Columbus Avenue	4,185	-	-	-	433	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	2,661	-	-	-	459	-
West Side Highway	13,691	-	-	-	-	609
Hudson River Greenway	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	58,686	108,784	75,749	3,404	6,464	52,788
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	43,819	-	-	-
Williamsburg Bridge-BMT	8,309	-	23,673	-	21	-
Rutgers Tunnel-IND	-	-	17,157	-	-	-
Manhattan Bridge-BMT	8,364	32,109	36,243	-	-	-
Brooklyn Bridge	8,712	-	-	-	-	-
Cranberry Tunnel-IND	-	-	42,481	-	-	-
Clark Tunnel-IRT	-	-	21,686	-	-	-
Montague Tunnel-BMT	-	-	8,184	-	-	-
Joralemon Tunnel-IRT	-	-	26,656	-	-	-
Hugh L. Carey Tunnel	10,724	-	-	8,935	-	-
	-	-	-	-	-	-
SECTOR TOTAL	36,109	32,109	219,899	8,935	21	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	32,622	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	38,091	-	-	-
Ed Koch Queensboro Bridge-Tramway	9,972	-	-	-	417	-
Fifty-third St. Tunnel-IND	-	-	55,248	-	-	-
Steinway Tunnel-IRT	-	-	33,471	-	-	-
Queens Midtown Tunnel-IRT	13,056	-	-	5,597	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	56,657
	-	-	-	-	-	-
SECTOR TOTAL	23,028	-	159,432	5,597	417	56,657
NEW JERSEY SECTOR						
Lincoln Tunnel	14,754	-	-	70,864	-	42,977
Amtrak/N.J. Transit Tunnels	-	-	24,915	-	-	-
Uptown PATH Tunnel	-	-	-	-	-	-
Holland Tunnel	8,753	-	30,326	1,431	-	-
Downtown PATH Tunnel	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	23,507	-	55,241	72,295	-	42,977
	-	-	-	-	-	-
TOTAL, ALL SECTORS	141,330	140,893	510,321	90,231	6,902	152,422

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 when comparing prior years of data.

TABLE 14 B (Continued)
Where and How People Entered the Hub on a Fall Business Day in 2024
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	-	-	-	-	19,045
York Avenue	-	-	-	552	1,582
First Avenue	-	-	12	12	12
Second Avenue	-	-	1,445	20,563	26,316
Third Avenue	-	-	27	27	27
Lexington Avenue- IRT	-	-	250	61,677	63,710
Park Ave	-	-	168	52,347	56,325
Madison Avenue	-	-	6	6	6
Fifth Avenue	-	-	368	4,398	8,322
Sixth Avenue	-	-	29	29	29
Seventh Avenue	-	-	683	683	683
Broadway	-	-	425	59,918	62,304
Eighth Avenue	-	-	49	48,938	48,938
Columbus Avenue	-	-	600	1,033	5,218
Amsterdam Avenue	-	-	27	27	27
West End Avenue	-	-	199	658	3,319
West Side Highway	-	-	8	617	14,308
Hudson River Greenway	-	-	1,177	1,177	1,177
All Ferry Points	117	-	-	117	117
SECTOR TOTAL	117	-	5,473	252,779	311,465
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	43,819	43,819
Williamsburg Bridge-BMT	-	-	1,604	25,298	33,607
Rutgers Tunnel-IND	-	-	-	17,157	17,157
Manhattan Bridge-BMT	-	-	1,186	69,538	77,902
Brooklyn Bridge	-	-	1,323	1,323	10,035
Cranberry Tunnel-IND	-	-	-	42,481	42,481
Clark Tunnel-IRT	-	-	-	21,686	21,686
Montague Tunnel-BMT	-	-	-	8,184	8,184
Joralemon Tunnel-IRT	-	-	-	26,656	26,656
Hugh L. Carey Tunnel	-	-	-	8,935	19,659
All Ferry Points	209	-	-	209	209
SECTOR TOTAL	209	-	4,113	265,286	301,395
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	32,622	32,622
Sixtieth St. Tunnel-BMT/IND	-	-	-	38,091	38,091
Ed Koch Queensboro Bridge-Tramway	-	791	1,446	2,654	12,626
Fifty-third St. Tunnel-IND	-	-	-	55,248	55,248
Steinway Tunnel-IRT	-	-	-	33,471	33,471
Queens Midtown Tunnel-IRT	-	-	-	5,597	18,653
Amtrak/LIRR Tunnels	-	-	-	56,657	56,657
All Ferry Points	371	-	-	371	371
SECTOR TOTAL	371	791	1,446	224,711	247,739
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	70,864	85,618
Amtrak/N.J. Transit Tunnels	-	-	-	42,977	42,977
Uptown PATH Tunnel	-	-	-	24,915	24,915
Holland Tunnel	-	-	-	1,431	10,184
Downtown PATH Tunnel	-	-	-	30,326	30,326
All Ferry Points	7,908	-	-	7,908	7,908
SECTOR TOTAL	7,908	-	-	178,421	201,928
Staten Island Ferry, Bicycle	7,726	-	173	7,899	7,899
TOTAL, ALL SECTORS	16,331	791	11,205	929,096	1,070,426

TABLE 14 C
Where and How People Entered the Hub on a Fall Business Day in 2024
24 Hour

LOCATION / TRAVEL MODE	AUTOS, TAXIS,	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	VANS & TRUCKS	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	111,613	-	-	-	-	-
York Avenue	8,947	-	-	-	1,824	-
First Avenue	-	-	-	-	-	-
Second Avenue	46,573	-	61,105	4,076	2,664	-
Third Avenue	-	-	-	-	-	-
Lexington Avenue- IRT	15,203	118,248	87,680	236	6,097	-
Park Ave	21,694	-	-	-	-	87,514
Madison Avenue	-	-	-	-	-	-
Fifth Avenue	25,355	-	-	3,888	7,660	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	15,923	113,348	89,907	126	3,766	-
Eighth Avenue	-	107,210	52,166	-	-	-
Columbus Avenue	27,479	-	-	-	1,745	-
Amsterdam Avenue	-	-	-	-	-	-
West End Avenue	15,116	-	-	-	1,808	-
West Side Highway	66,355	-	-	-	-	2,729
Hudson River Greenway	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	354,258	338,806	290,858	8,326	25,564	90,243
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	113,256	-	-	-
Williamsburg Bridge-BMT	51,632	-	53,728	-	61	-
Rutgers Tunnel-IND	-	-	54,270	-	-	-
Manhattan Bridge-BMT	43,857	72,760	88,476	-	-	-
Brooklyn Bridge	53,726	-	-	-	-	-
Cranberry Tunnel-IND	-	-	105,748	-	-	-
Clark Tunnel-IRT	-	-	56,562	-	-	-
Montague Tunnel-BMT	-	-	15,999	-	-	-
Joralemon Tunnel-IRT	-	-	70,354	-	-	-
Hugh L. Carey Tunnel	39,371	-	-	16,543	-	-
	-	-	-	-	-	-
SECTOR TOTAL	188,586	72,760	558,393	16,543	61	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	81,173	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	98,127	-	-	-
Ed Koch Queensboro Bridge-Tramway	57,779	-	-	-	1,613	-
Fifty-third St. Tunnel-IND	-	-	132,599	-	-	-
Steinway Tunnel-IRT	-	-	89,717	-	-	-
Queens Midtown Tunnel-IRT	64,424	-	-	8,340	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	118,637
	-	-	-	-	-	-
SECTOR TOTAL	122,203	-	401,616	8,340	1,613	118,637
NEW JERSEY SECTOR						
Lincoln Tunnel	67,043	-	-	173,312	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	98,252
Uptown PATH Tunnel	-	-	50,090	-	-	-
Holland Tunnel	53,264	-	-	3,673	-	-
Downtown PATH Tunnel	-	-	52,072	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	120,307	-	102,162	176,985	-	98,252
	-	-	-	-	-	-
TOTAL, ALL SECTORS	785,354	411,566	1,353,029	210,194	27,238	307,132

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 when comparing prior years of data.

TABLE 14 C (Continued)
Where and How People Entered the Hub on a Fall Business Day in 2024
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	-	-	-	-	111,613
York Avenue	-	-	-	1,824	10,771
First Avenue	-	-	56	56	56
Second Avenue	-	-	7,040	74,885	121,458
Third Avenue	-	-	133	133	133
Lexington Avenue- IRT	-	-	2,517	214,778	229,981
Park Ave	-	-	1,231	88,745	110,439
Madison Avenue	-	-	73	73	73
Fifth Avenue	-	-	2,670	14,218	39,573
Sixth Avenue	-	-	280	280	280
Seventh Avenue	-	-	3,738	3,738	3,738
Broadway	-	-	2,475	209,622	225,545
Eighth Avenue	-	-	391	159,767	159,767
Columbus Avenue	-	-	5,285	7,030	34,509
Amsterdam Avenue	-	-	273	273	273
West End Avenue	-	-	1,442	3,250	18,366
West Side Highway	-	-	28	2,757	69,112
Hudson River Greenway	-	-	4,314	4,314	4,314
All Ferry Points	1,075	-	-	1,075	1,075
SECTOR TOTAL	1,075	-	31,946	786,818	1,141,076
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	113,256	113,256
Williamsburg Bridge-BMT	-	-	5,243	59,032	110,664
Rutgers Tunnel-IND	-	-	-	54,270	54,270
Manhattan Bridge-BMT	-	-	3,820	165,056	208,913
Brooklyn Bridge	-	-	3,246	3,246	56,972
Cranberry Tunnel-IND	-	-	-	105,748	105,748
Clark Tunnel-IRT	-	-	-	56,562	56,562
Montague Tunnel-BMT	-	-	-	15,999	15,999
Joralemon Tunnel-IRT	-	-	-	70,354	70,354
Hugh L. Carey Tunnel	-	-	-	16,543	55,914
All Ferry Points	1,968	-	-	1,968	1,968
SECTOR TOTAL	1,968	-	12,309	662,034	850,620
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	81,173	81,173
Sixtieth St. Tunnel-BMT/IND	-	-	-	98,127	98,127
Ed Koch Queensboro Bridge-Tramway	-	3,526	4,497	9,636	67,415
Fifty-third St. Tunnel-IND	-	-	-	132,599	132,599
Steinway Tunnel-IRT	-	-	-	89,717	89,717
Queens Midtown Tunnel-IRT	-	-	-	8,340	72,764
Amtrak/LIRR Tunnels	-	-	-	118,637	118,637
All Ferry Points	3,717	-	-	3,717	3,717
SECTOR TOTAL	3,717	3,526	4,497	541,946	664,149
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	173,312	240,355
Amtrak/N.J. Transit Tunnels	-	-	-	98,252	98,252
Uptown PATH Tunnel	-	-	-	50,090	50,090
Holland Tunnel	-	-	-	3,673	56,937
Downtown PATH Tunnel	-	-	-	52,072	52,072
All Ferry Points	15,163	-	-	15,163	15,163
SECTOR TOTAL	15,163	-	-	392,562	512,869
Staten Island Ferry, Bicycle	25,710	-	552	26,262	26,262
TOTAL, ALL SECTORS	47,633	3,526	49,304	2,409,622	3,194,976

TABLE 15 A
Where and How People Left the Hub on a Fall Business Day in 2024
Evening Peak Hour (5-6 PM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS,	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	VANS & TRUCKS	EXPRESS	LOCAL	EXPRESS	LOCAL	RAIL
	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	3,941	-	-	-	-	-
York Avenue	1,236	-	-	-	134	-
First Avenue	2,010	-	-	348	244	-
Second Avenue	-	-	7,409	-	-	-
Third Avenue	1,885	-	-	42	544	-
Lexington Avenue- IRT	-	15,950	9,662	-	-	-
Park Ave	1,645	-	-	-	-	21,477
Madison Avenue	1,148	-	-	1,001	878	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	704	14,155	9,056	27	197	-
Eighth Avenue	1,264	11,972	5,804	-	80	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	1,457	-	-	-	178	-
West End Avenue	1,046	-	-	-	176	-
West Side Highway	2,687	-	-	-	-	269
Hudson River Greenway	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	19,023	42,077	31,931	1,418	2,431	21,746
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	17,070	-	-	-
Williamsburg Bridge-BMT	3,332	-	6,941	-	5	-
Rutgers Tunnel-IND	-	-	6,766	-	-	-
Manhattan Bridge-BMT	3,402	14,151	12,123	-	-	-
Brooklyn Bridge	3,853	-	-	-	-	-
Cranberry Tunnel-IND	-	-	15,733	-	-	-
Clark Tunnel-IRT	-	-	7,349	-	-	-
Montague Tunnel-BMT	-	-	3,612	-	-	-
Joralemon Tunnel-IRT	-	-	7,647	-	-	-
Hugh L. Carey Tunnel	2,298	-	-	3,641	-	-
	-	-	-	-	-	-
SECTOR TOTAL	12,885	14,151	77,241	3,641	5	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	8,897	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	13,379	-	-	-
Ed Koch Queensboro Bridge-Tramway	4,883	-	-	1,686	353	-
Fifty-third St. Tunnel-IND	-	-	22,901	-	-	-
Steinway Tunnel-IRT	-	-	14,786	-	-	-
Queens Midtown Tunnel-IRT	3,930	-	-	251	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	23,534
	-	-	-	-	-	-
SECTOR TOTAL	8,813	-	59,963	1,937	353	23,534
NEW JERSEY SECTOR						
Lincoln Tunnel	4,519	-	-	26,010	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	17,679
Uptown PATH Tunnel	-	-	9,300	-	-	-
Holland Tunnel	2,417	-	-	725	-	-
Downtown PATH Tunnel	-	-	11,850	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	6,936	-	21,150	26,735	-	17,679
	-	-	-	-	-	-
TOTAL, ALL SECTORS	47,657	56,228	190,285	33,731	2,789	62,959

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 when comparing with prior years of data.

TABLE 15 A (Continued)
Where and How People Left the Hub on a Fall Business Day in 2024
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	-	-	-	-	3,941
York Avenue	-	-	-	134	1,370
First Avenue	-	-	562	1,154	3,164
Second Avenue	-	-	9	7,418	7,418
Third Avenue	-	-	258	844	2,729
Lexington Avenue- IRT	-	-	4	25,616	25,616
Park Ave	-	-	93	21,570	23,215
Madison Avenue	-	-	144	2,023	3,171
Fifth Avenue	-	-	1	1	1
Sixth Avenue	-	-	642	642	642
Seventh Avenue	-	-	10	10	10
Broadway	-	-	19	23,454	24,158
Eighth Avenue	-	-	499	18,355	19,619
Columbus Avenue	-	-	28	28	28
Amsterdam Avenue	-	-	266	444	1,901
West End Avenue	-	-	22	198	1,244
West Side Highway	-	-	14	283	2,970
Hudson River Greenway	-	-	575	575	575
All Ferry Points	47	-	-	47	47
SECTOR TOTAL	47	-	3,146	102,796	121,819
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	17,070	17,070
Williamsburg Bridge-BMT	-	-	571	7,517	10,849
Rutgers Tunnel-IND	-	-	-	6,766	6,766
Manhattan Bridge-BMT	-	-	486	26,760	30,162
Brooklyn Bridge	-	-	569	569	4,422
Cranberry Tunnel-IND	-	-	-	15,733	15,733
Clark Tunnel-IRT	-	-	-	7,349	7,349
Montague Tunnel-BMT	-	-	-	3,612	3,612
Joralemon Tunnel-IRT	-	-	-	7,647	7,647
Hugh L. Carey Tunnel	-	-	-	3,641	5,939
All Ferry Points	173	-	-	173	173
SECTOR TOTAL	173	-	1,626	96,837	109,722
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	8,897	8,897
Sixtieth St. Tunnel-BMT/IND	-	-	-	13,379	13,379
Ed Koch Queensboro Bridge-Tramway	-	466	486	2,991	7,874
Fifty-third St. Tunnel-IND	-	-	-	22,901	22,901
Steinway Tunnel-IRT	-	-	-	14,786	14,786
Queens Midtown Tunnel-IRT	-	-	-	251	4,181
Amtrak/LIRR Tunnels	-	-	-	23,534	23,534
All Ferry Points	220	-	-	220	220
SECTOR TOTAL	220	466	486	86,959	95,772
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	26,010	30,529
Amtrak/N.J. Transit Tunnels	-	-	-	17,679	17,679
Uptown PATH Tunnel	-	-	-	9,300	9,300
Holland Tunnel	-	-	-	725	3,142
Downtown PATH Tunnel	-	-	-	11,850	11,850
All Ferry Points	2,663	-	-	2,663	2,663
SECTOR TOTAL	2,663	-	-	68,227	75,163
Staten Island Ferry, Bicycle	3,869	-	45	3,914	3,914
TOTAL, ALL SECTORS	6,972	466	5,303	358,733	406,390

TABLE 15 B
Where and How People Left the Hub on a Fall Business Day in 2024
Evening Peak Period (4-7 PM)

LOCATION / TRAVEL MODE	AUTOS, TAXIS,	SUBWAY	SUBWAY	BUS	BUS	SUBURBAN
	VANS & TRUCKS	EXPRESS	LOCAL	EXPRESS	LOCAL	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	12,511	-	-	-	-	-
York Avenue	3,586	-	-	-	373	-
First Avenue	5,674	-	-	959	694	-
Second Avenue	-	-	17,895	-	-	-
Third Avenue	5,413	-	-	83	1,472	-
Lexington Avenue- IRT	-	37,624	24,565	-	-	-
Park Ave	4,819	-	-	-	-	46,024
Madison Avenue	3,459	-	-	2,192	2,252	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	2,099	33,636	24,272	62	548	-
Eighth Avenue	3,769	30,533	14,023	-	214	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	4,240	-	-	-	525	-
West End Avenue	2,768	-	-	-	426	-
West Side Highway	8,481	-	-	-	-	563
Hudson River Greenway	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	56,819	101,793	80,755	3,296	6,504	46,587
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	43,491	-	-	-
Williamsburg Bridge-BMT	9,974	-	17,833	-	16	-
Rutgers Tunnel-IND	-	-	17,316	-	-	-
Manhattan Bridge-BMT	9,717	33,236	33,191	-	-	-
Brooklyn Bridge	11,607	-	-	-	-	-
Cranberry Tunnel-IND	-	-	39,451	-	-	-
Clark Tunnel-IRT	-	-	19,052	-	-	-
Montague Tunnel-BMT	-	-	8,528	-	-	-
Joralemon Tunnel-IRT	-	-	19,964	-	-	-
Hugh L. Carey Tunnel	7,665	-	-	8,530	-	-
	-	-	-	-	-	-
SECTOR TOTAL	38,963	33,236	198,826	8,530	16	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	23,500	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	36,677	-	-	-
Ed Koch Queensboro Bridge-Tramway	14,553	-	-	3,713	864	-
Fifty-third St. Tunnel-IND	-	-	53,282	-	-	-
Steinway Tunnel-IRT	-	-	36,413	-	-	-
Queens Midtown Tunnel-IRT	11,500	-	-	607	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	56,238
	-	-	-	-	-	-
SECTOR TOTAL	26,053	-	149,872	4,320	864	56,238
NEW JERSEY SECTOR						
Lincoln Tunnel	14,265	-	-	60,853	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	44,331
Uptown PATH Tunnel	-	-	21,725	-	-	-
Holland Tunnel	7,570	-	-	1,285	-	-
Downtown PATH Tunnel	-	-	26,857	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	21,835	-	48,582	62,138	-	44,331
	-	-	-	-	-	-
TOTAL, ALL SECTORS	143,670	135,029	478,035	78,284	7,384	147,156

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 when comparing prior years of data.

TABLE 15 B (Continued)
Where and How People Left the Hub on a Fall Business Day in 2024
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	-	-	-	-	12,511
York Avenue	-	-	-	373	3,959
First Avenue	-	-	1,524	3,177	8,851
Second Avenue	-	-	35	17,930	17,930
Third Avenue	-	-	761	2,316	7,729
Lexington Avenue- IRT	-	-	17	62,206	62,206
Park Ave	-	-	273	46,297	51,116
Madison Avenue	-	-	484	4,928	8,387
Fifth Avenue	-	-	6	6	6
Sixth Avenue	-	-	1,736	1,736	1,736
Seventh Avenue	-	-	39	39	39
Broadway	-	-	52	58,570	60,669
Eighth Avenue	-	-	1,399	46,169	49,938
Columbus Avenue	-	-	69	69	69
Amsterdam Avenue	-	-	732	1,257	5,497
West End Avenue	-	-	49	475	3,243
West Side Highway	-	-	34	597	9,078
Hudson River Greenway	-	-	1,513	1,513	1,513
All Ferry Points	143	-	-	143	143
SECTOR TOTAL	143	-	8,723	247,801	304,620
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	43,491	43,491
Williamsburg Bridge-BMT	-	-	1,615	19,464	29,438
Rutgers Tunnel-IND	-	-	-	17,316	17,316
Manhattan Bridge-BMT	-	-	1,239	67,666	77,383
Brooklyn Bridge	-	-	1,438	1,438	13,045
Cranberry Tunnel-IND	-	-	-	39,451	39,451
Clark Tunnel-IRT	-	-	-	19,052	19,052
Montague Tunnel-BMT	-	-	-	8,528	8,528
Joralemon Tunnel-IRT	-	-	-	19,964	19,964
Hugh L. Carey Tunnel	-	-	-	8,530	16,195
All Ferry Points	416	-	-	416	416
SECTOR TOTAL	416	-	4,292	245,316	284,279
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	23,500	23,500
Sixtieth St. Tunnel-BMT/IND	-	-	-	36,677	36,677
Ed Koch Queensboro Bridge-Tramway	-	1,132	1,285	6,994	21,547
Fifty-third St. Tunnel-IND	-	-	-	53,282	53,282
Steinway Tunnel-IRT	-	-	-	36,413	36,413
Queens Midtown Tunnel-IRT	-	-	-	607	12,107
Amtrak/LIRR Tunnels	-	-	-	56,238	56,238
All Ferry Points	773	-	-	773	773
SECTOR TOTAL	773	1,132	1,285	214,484	240,537
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	60,853	75,118
Amtrak/N.J. Transit Tunnels	-	-	-	44,331	44,331
Uptown PATH Tunnel	-	-	-	21,725	21,725
Holland Tunnel	-	-	-	1,285	8,855
Downtown PATH Tunnel	-	-	-	26,857	26,857
All Ferry Points	6,890	-	-	6,890	6,890
SECTOR TOTAL	6,890	-	-	161,941	183,776
Staten Island Ferry, Bicycle	9,794	-	147	9,941	9,941
TOTAL, ALL SECTORS	18,016	1,132	14,447	879,483	1,023,153

TABLE 15 C
Where and How People Left the Hub on a Fall Business Day in 2024
24 Hour

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR						
Franklin D. Roosevelt Drive	81,451	-	-	-	-	-
York Avenue	22,073	-	-	-	1,570	-
First Avenue	32,985	-	-	5,628	2,925	-
Second Avenue	-	-	58,173	-	-	-
Third Avenue	30,630	-	-	217	5,943	-
Lexington Avenue- IRT	-	121,889	95,510	-	-	-
Park Ave	24,241	-	-	-	-	87,938
Madison Avenue	17,993	-	-	4,334	6,898	-
Fifth Avenue	-	-	-	-	-	-
Sixth Avenue	-	-	-	-	-	-
Seventh Avenue	-	-	-	-	-	-
Broadway	10,709	108,552	88,944	181	2,190	-
Eighth Avenue	18,112	104,548	50,740	-	679	-
Columbus Avenue	-	-	-	-	-	-
Amsterdam Avenue	20,077	-	-	-	1,998	-
West End Avenue	9,722	-	-	-	1,808	-
West Side Highway	57,688	-	-	-	-	2,590
Hudson River Greenway	-	-	-	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	325,681	334,989	293,367	10,360	24,011	90,528
BROOKLYN SECTOR						
Fourteenth St. Tunnel-BMT	-	-	115,132	-	-	-
Williamsburg Bridge-BMT	60,063	-	45,969	-	41	-
Rutgers Tunnel-IND	-	-	53,349	-	-	-
Manhattan Bridge-BMT	51,696	83,833	76,122	-	-	-
Brooklyn Bridge	77,712	-	-	-	-	-
Cranberry Tunnel-IND	-	-	102,693	-	-	-
Clark Tunnel-IRT	-	-	51,216	-	-	-
Montague Tunnel-BMT	-	-	18,742	-	-	-
Joralemon Tunnel-IRT	-	-	57,167	-	-	-
Hugh L. Carey Tunnel	31,721	-	-	15,343	-	-
	-	-	-	-	-	-
SECTOR TOTAL	221,192	83,833	520,390	15,343	41	-
QUEENS SECTOR						
Sixty-third St. Tunnel	-	-	60,258	-	-	-
Sixtieth St. Tunnel-BMT/IND	-	-	80,773	-	-	-
Ed Koch Queensboro Bridge-Tramway	80,599	-	-	5,136	2,762	-
Fifty-third St. Tunnel-IND	-	-	133,545	-	-	-
Steinway Tunnel-IRT	-	-	107,552	-	-	-
Queens Midtown Tunnel-IRT	58,522	-	-	838	-	-
Amtrak/LIRR Tunnels	-	-	-	-	-	118,370
	-	-	-	-	-	-
SECTOR TOTAL	139,121	-	382,128	5,974	2,762	118,370
NEW JERSEY SECTOR						
Lincoln Tunnel	78,605	-	-	154,272	-	-
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	91,166
Uptown PATH Tunnel	-	-	47,635	-	-	-
Holland Tunnel	44,965	-	-	3,872	-	-
Downtown PATH Tunnel	-	-	51,548	-	-	-
	-	-	-	-	-	-
SECTOR TOTAL	123,570	-	99,183	158,144	-	91,166
	-	-	-	-	-	-
TOTAL, ALL SECTORS	809,564	418,822	1,295,068	189,821	26,814	300,064

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 when comparing prior years of data.

TABLE 15 C (Continued)
Where and How People Left the Hub on a Fall Business Day in 2024
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	-	-	-	-	81,451
York Avenue	-	-	-	1,570	23,643
First Avenue	-	-	5,066	13,619	46,604
Second Avenue	-	-	157	58,330	58,330
Third Avenue	-	-	3,187	9,347	39,977
Lexington Avenue- IRT	-	-	79	217,478	217,478
Park Ave	-	-	1,094	89,032	113,273
Madison Avenue	-	-	2,145	13,377	31,370
Fifth Avenue	-	-	36	36	36
Sixth Avenue	-	-	6,666	6,666	6,666
Seventh Avenue	-	-	168	168	168
Broadway	-	-	251	200,118	210,827
Eighth Avenue	-	-	5,562	161,529	179,641
Columbus Avenue	-	-	384	384	384
Amsterdam Avenue	-	-	2,727	4,725	24,802
West End Avenue	-	-	195	2,003	11,725
West Side Highway	-	-	121	2,711	60,399
Hudson River Greenway	-	-	4,319	4,319	4,319
All Ferry Points	1,195	-	-	1,195	1,195
SECTOR TOTAL	1,195	-	32,157	786,607	1,112,288
BROOKLYN SECTOR					
Fourteenth St. Tunnel-BMT	-	-	-	115,132	115,132
Williamsburg Bridge-BMT	-	-	4,992	51,002	111,065
Rutgers Tunnel-IND	-	-	-	53,349	53,349
Manhattan Bridge-BMT	-	-	3,768	163,723	215,419
Brooklyn Bridge	-	-	3,551	3,551	81,263
Cranberry Tunnel-IND	-	-	-	102,693	102,693
Clark Tunnel-IRT	-	-	-	51,216	51,216
Montague Tunnel-BMT	-	-	-	18,742	18,742
Joralemon Tunnel-IRT	-	-	-	57,167	57,167
Hugh L. Carey Tunnel	-	-	-	15,343	47,064
All Ferry Points	2,199	-	-	2,199	2,199
SECTOR TOTAL	2,199	-	12,311	634,117	855,309
QUEENS SECTOR					
Sixty-third St. Tunnel	-	-	-	60,258	60,258
Sixtieth St. Tunnel-BMT/IND	-	-	-	80,773	80,773
Ed Koch Queensboro Bridge-Tramway	-	3,436	4,109	15,443	96,042
Fifty-third St. Tunnel-IND	-	-	-	133,545	133,545
Steinway Tunnel-IRT	-	-	-	107,552	107,552
Queens Midtown Tunnel-IRT	-	-	-	838	59,360
Amtrak/LIRR Tunnels	-	-	-	118,370	118,370
All Ferry Points	4,273	-	-	4,273	4,273
SECTOR TOTAL	4,273	3,436	4,109	521,052	660,173
NEW JERSEY SECTOR					
Lincoln Tunnel	-	-	-	154,272	232,877
Amtrak/N.J. Transit Tunnels	-	-	-	91,166	91,166
Uptown PATH Tunnel	-	-	-	47,635	47,635
Holland Tunnel	-	-	-	3,872	48,837
Downtown PATH Tunnel	-	-	-	51,548	51,548
All Ferry Points	13,406	-	-	13,406	13,406
SECTOR TOTAL	13,406	-	-	361,899	485,469
Staten Island Ferry, Bicycle	25,625	-	553	26,178	26,178
TOTAL, ALL SECTORS	46,698	3,436	49,130	2,329,853	3,139,417

TABLE 16
Where and When Motor Vehicles Entered the Hub on a Fall Business Day in 2024

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	4,891	13,771	82,034	-	-	-	4,891	13,771	82,034
YORK AVENUE	310	925	7,965	8	22	98	318	947	8,063
SECOND AVENUE	1,460	4,271	33,419	23	69	295	1,483	4,340	33,714
LEXINGTON AVENUE	559	1,626	12,889	24	67	360	583	1,693	13,249
PARK AVENUE	1,102	2,968	15,844	-	-	-	1,102	2,968	15,844
FIFTH AVENUE	835	2,339	16,395	82	203	712	917	2,542	17,107
BROADWAY	626	1,730	11,774	30	73	418	656	1,803	12,192
COLUMBUS AVENUE	1,177	3,185	20,814	5	18	93	1,182	3,203	20,907
WEST END AVENUE	700	1,822	10,523	5	16	81	705	1,838	10,604
WEST SIDE HIGHWAY	4,313	12,625	58,775	-	-	-	4,313	12,625	58,775
SECTOR TOTAL	15,973	45,262	270,432	177	468	2,057	16,150	45,730	272,489
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,206	6,713	41,752	2	6	25	2,208	6,719	41,777
MANHATTAN BRIDGE	2,273	6,775	35,373	-	-	-	2,273	6,775	35,373
BROOKLYN BRIDGE	2,646	7,557	46,993	-	-	-	2,646	7,557	46,993
HUGH L. CAREY TUNNEL	3,166	9,714	34,808	143	344	653	3,309	10,058	35,461
SECTOR TOTAL	10,291	30,759	158,926	145	350	678	10,436	31,109	159,604
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	3,470	10,131	47,901	103	265	419	3,573	10,396	48,320
ED KOCH QUEENSBORO BRIDGE	2,921	8,586	48,557	12	37	218	2,933	8,623	48,775
SECTOR TOTAL	6,391	18,717	96,458	115	302	637	6,506	19,019	97,095
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,410	7,403	43,654	18	55	181	2,428	7,458	43,835
LINCOLN TUNNEL	3,722	11,068	49,500	609	1,622	5,514	4,331	12,690	55,014
SECTOR TOTAL	6,132	18,471	93,154	627	1,677	5,695	6,759	20,148	98,849
TOTAL, ALL SECTORS	38,787	113,209	618,970	1,064	2,797	9,067	39,851	116,006	628,037

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 when comparing 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.

TABLE 17
Where and When Motor Vehicles Left the Hub on a Fall Business Day in 2024

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	3,029	9,802	66,265	-	-	-	3,029	9,802	66,265
YORK AVENUE	825	2,414	15,136	7	17	93	832	2,431	15,229
FIRST AVENUE	1,539	4,406	26,601	17	53	298	1,556	4,459	26,899
THIRD AVENUE	1,136	3,348	20,711	23	65	358	1,159	3,413	21,069
PARK AVENUE	1,026	3,054	15,915	-	-	-	1,026	3,054	15,915
MADISON AVENUE	705	2,123	12,331	90	219	719	795	2,342	13,050
CENTRAL PARK WEST	686	2,013	10,217	10	27	123	696	2,040	10,340
BROADWAY	554	1,621	8,133	22	58	308	576	1,679	8,441
AMSTERDAM AVENUE	1,016	2,952	15,114	5	15	87	1,021	2,967	15,201
WEST END AVENUE	726	1,900	6,763	6	15	81	732	1,915	6,844
WEST SIDE HIGHWAY	2,273	7,185	49,581	-	-	-	2,273	7,185	49,581
SECTOR TOTAL	13,515	40,818	246,767	180	469	2,067	13,695	41,287	248,834
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,530	7,648	46,180	2	6	29	2,532	7,654	46,209
MANHATTAN BRIDGE	2,335	6,535	34,906	-	-	-	2,335	6,535	34,906
BROOKLYN BRIDGE	2,835	8,565	56,042	-	-	-	2,835	8,565	56,042
HUGH L. CAREY TUNNEL	1,952	6,582	27,215	127	334	655	2,079	6,916	27,870
SECTOR TOTAL	9,652	29,330	164,343	129	340	684	9,781	29,670	165,027
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,537	7,325	37,736	8	21	34	2,545	7,346	37,770
ED KOCH QUEENSBORO BRIDGE	4,062	12,240	64,980	102	247	561	4,164	12,487	65,541
SECTOR TOTAL	6,599	19,565	102,716	110	268	595	6,709	19,833	103,311
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,041	6,344	38,020	23	40	181	2,064	6,384	38,201
LINCOLN TUNNEL	3,350	10,478	55,499	573	1,418	5,514	3,923	11,896	61,013
SECTOR TOTAL	5,391	16,822	93,519	596	1,458	5,695	5,987	18,280	99,214
TOTAL, ALL SECTORS	35,157	106,535	607,345	1,015	2,535	9,041	36,172	109,070	616,386

- 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 when comparing 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.

TABLE 18
Where and When Bus Passengers Entered the Hub
on a Fall Business Day in 2024

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	250	552	1,824	-	-	-	250	552	1,824
SECOND AVENUE	211	520	2,664	525	1,448	4,076	736	1,968	6,740
LEXINGTON AVENUE	557	1,402	6,097	43	107	236	600	1,509	6,333
FIFTH AVENUE	1,011	2,219	7,660	703	1,811	3,888	1,714	4,030	11,548
BROADWAY	376	879	3,766	20	38	126	396	917	3,892
COLUMBUS AVENUE	145	433	1,745	-	-	-	145	433	1,745
WEST END AVENUE	164	459	1,808	-	-	-	164	459	1,808
SECTOR TOTAL	2,714	6,464	25,564	1,291	3,404	8,326	4,005	9,868	33,890
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	6	21	61	-	-	-	6	21	61
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
HUGH L. CAREY TUNNEL	-	-	-	3,266	8,935	16,543	3,266	8,935	16,543
SECTOR TOTAL	6	21	61	3,266	8,935	16,543	3,272	8,956	16,604
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	2,071	5,597	8,340	2,071	5,597	8,340
ED KOCH QUEENSBORO BRIDGE	135	417	1,613	-	-	-	135	417	1,613
SECTOR TOTAL	135	417	1,613	2,071	5,597	8,340	2,206	6,014	9,953
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	496	1,431	3,673	496	1,431	3,673
LINCOLN TUNNEL	-	-	-	28,883	70,864	173,312	28,883	70,864	173,312
SECTOR TOTAL	-	-	-	29,379	72,295	176,985	29,379	72,295	176,985
TOTAL, ALL SECTORS	2,855	6,902	27,238	36,007	90,231	210,194	38,862	97,133	237,432

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 2024

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	134	373	1,570	-	-	-	134	373	1,570
FIRST AVENUE	244	694	2,925	348	959	5,628	592	1,653	8,553
THIRD AVENUE	544	1,472	5,943	42	83	217	586	1,555	6,160
MADISON AVENUE	878	2,252	6,898	1,001	2,192	4,334	1,879	4,444	11,232
CENTRAL PARK WEST	80	214	679	-	-	-	80	214	679
BROADWAY	197	548	2,190	27	62	181	224	610	2,371
AMSTERDAM AVENUE	178	525	1,998	-	-	-	178	525	1,998
WEST END AVENUE	176	426	1,808	-	-	-	176	426	1,808
SECTOR TOTAL	2,431	6,504	24,011	1,418	3,296	10,360	3,849	9,800	34,371
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	5	16	41	-	-	-	5	16	41
MANHATTAN BRIDGE	-	-	-	-	-	-	-	-	-
HUGH L. CAREY TUNNEL	-	-	-	3,641	8,530	15,343	3,641	8,530	15,343
SECTOR TOTAL	5	16	41	3,641	8,530	15,343	3,646	8,546	15,384
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	251	607	838	251	607	838
ED KOCH QUEENSBORO BRIDGE	353	864	2,762	1,686	3,713	5,136	2,039	4,577	7,898
SECTOR TOTAL	353	864	2,762	1,937	4,320	5,974	2,290	5,184	8,736
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	725	1,285	3,872	725	1,285	3,872
LINCOLN TUNNEL	-	-	-	26,010	60,853	154,272	26,010	60,853	154,272
SECTOR TOTAL	-	-	-	26,735	62,138	158,144	26,735	62,138	158,144
TOTAL, ALL SECTORS	2,789	7,384	26,814	33,731	78,284	189,821	36,520	85,668	216,635

Notes:

- See note 1 on page II-0.
- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.
- Buses crossing NJ Sector were counted at the toll facilities which include all the buses.
- New Jersey bus occupancy counts were determined based on Port Authority of NY&NJ bus traffic counts and on the occupancy rates from PANY&NJ Continuous Bus Survey.

TABLE 20
Level of Comfort (1) and Frequency of Service (2)
for Public Transportation Vehicles Entering the Hub on a Fall Business Day, 2023 and 2024
8 AM - 9 AM 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	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
60TH STREET SECTOR														
SECOND AVE LOCAL (3)	10	9	80	72	35,200	31,680	8,200	7,208	103	100	4.3	4.4	6.0	6.7
LEXINGTON AVE EXPRESS	24	22	240	220	105,600	96,800	12,559	15,073	52	69	8.4	6.4	2.5	2.7
LEXINGTON AVE LOCAL	19	18	190	180	83,600	79,200	8,268	8,864	44	49	10.1	8.9	3.2	3.3
EIGHTH AVE EXPRESS	17	18	136	164	102,000	123,000	11,291	14,786	83	90	9.0	8.3	3.5	3.3
EIGHTH AVE LOCAL	12	13	96	104	64,992	70,408	5,370	6,970	56	67	12.1	10.1	5.0	4.6
BROADWAY/7TH AVE EXPRESS	22	19	220	190	96,800	83,600	12,909	15,092	59	79	7.5	5.5	2.7	3.2
BROADWAY/7TH AVE LOCAL	17	17	170	170	74,800	74,800	6,813	9,630	40	57	11.0	7.8	3.5	3.5
MTA/AMTRAK TUN.	46	47	335	350	201,670	210,700	22,782	25,649	68	73	8.9	8.2	1.3	1.3
BUSES	-	-	177	177	57,800	57,800	3,949	4,005	22	23	14.6	14.4	-	-
SECTOR AVERAGE	167	163	1,644	1,627	822,462	827,988	92,141	107,277	58	67	8.9	7.7	3.5	3.6
BROOKLYN SECTOR														
14TH ST. TUNNEL	19	19	152	152	91,504	91,504	13,495	18,727	89	123	6.8	4.9	3.2	3.2
WILLIAMSBURG BRIDGE	11	20	88	160	52,976	96,320	3,412	10,767	39	67	15.5	8.9	5.5	3.0
RUTGERS ST. TUNNEL	10	10	100	100	71,300	71,300	6,055	7,312	61	73	11.8	9.8	6.0	6.0
MANHATTAN BRIDGE	35	36	280	288	186,760	192,096	24,558	30,130	88	105	7.6	6.4	1.7	1.7
CRANBERRY ST. TUNNEL	18	22	144	210	99,936	145,740	12,610	18,892	88	90	7.9	7.7	3.3	2.7
CLARK ST. TUNNEL	18	17	180	170	79,200	74,800	7,038	8,174	39	48	11.3	9.2	3.3	3.5
MONTAGUE ST. TUNNEL	9	10	90	100	54,180	60,200	2,554	4,026	28	40	21.2	15.0	6.7	6.0
JORALEMON ST. TUNNEL	22	21	220	210	96,800	92,400	9,553	10,795	43	51	10.1	8.6	2.7	2.9
BUSES	-	-	151	145	48,800	46,880	3,705	3,272	25	23	13.2	14.3	-	-
SECTOR AVERAGE	142	155	1,405	1,535	781,456	871,240	82,980	112,095	55	69	9.4	7.8	4.0	3.6
QUEENS SECTOR														
60TH STREET TUNNEL	25	14	220	126	132,440	75,852	14,872	15,652	68	124	8.9	4.8	2.4	4.3
53RD STREET TUNNEL	11	23	110	212	66,220	127,624	9,401	22,621	85	107	7.0	5.6	5.5	2.6
STEINWAY TUNNEL	27	24	297	264	130,680	116,160	12,242	13,915	41	53	10.7	8.3	2.2	2.5
63RD STREET TUNNEL	10	15	100	150	71,300	106,950	9,959	16,111	100	107	7.2	6.6	6.0	4.0
LIRR/AMTRAK TUNNELS	46	36	399	338	240,198	203,476	27,598	26,565	69	79	8.7	7.7	1.3	1.7
BUSES	-	-	118	115	39,820	38,860	2,191	2,206	19	19	18.2	17.6	-	-
SECTOR AVERAGE	119	112	1,244	1,205	680,658	668,922	76,263	97,070	64	81	8.9	6.9	3.5	3.0
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	20	20	155	164	57,040	60,352	13,234	14,216	85	87	4.3	4.2	3.0	3.0
PATH UPTOWN TUNNEL	20	23	140	161	51,520	59,248	10,686	11,420	76	71	4.8	5.2	3.0	2.6
N.J. TRANSIT/AMTRAK TUNNEL	22	25	192	215	115,584	129,430	18,663	20,180	97	94	6.2	6.4	2.7	2.4
BUSES	-	-	645	627	206,400	200,640	25,535	29,379	40	47	8.1	6.8	-	-
SECTOR AVERAGE	62	68	1,132	1,167	430,544	449,670	68,118	75,195	75	75	6.3	6.0	2.9	2.7
STATEN ISLAND FERRY (4)	4	4	4	4	80,000	80,000	2,904	2,880	726	720	27.5	27.8	15.0	15.0
ROOSEVELT ISLAND TRAMWAY (4)	8	8	8	8	2,075	2,075	571	571	71	71	3.6	3.6	7.5	7.5
TOTAL/AVERAGE, ALL SECTORS	502	510	5,437	5,546	2,797,195	2,899,895	322,977	395,088	59	71	8.7	7.3	3.5	3.2

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

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

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

(3) 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 by Hour, 2022-2024

HOURS	2022			2023			2024		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	21,676	43,801	65,477	22,672	50,004	72,676	25,448	55,442	80,890
1:00am	12,438	23,692	36,130	13,433	24,351	37,784	13,583	24,807	38,390
2:00am	9,327	12,816	22,143	10,082	14,246	24,328	9,157	14,078	23,235
3:00am	9,580	10,019	19,599	11,156	11,030	22,186	10,451	11,083	21,534
4:00am	20,081	13,337	33,418	25,110	15,418	40,528	21,604	15,300	36,904
5:00am	74,440	30,721	105,161	84,775	38,066	122,841	80,250	32,962	113,212
6:00am	174,665	72,375	247,040	179,967	80,366	260,333	181,035	80,107	261,142
7:00am	289,984	112,242	402,226	304,698	118,068	422,766	319,027	121,297	440,324
8:00am	385,538	123,581	509,119	380,082	122,300	502,382	452,075	138,740	590,815
9:00am	244,601	98,593	343,194	259,388	102,856	362,244	299,324	111,881	411,205
10:00am	149,615	82,498	232,113	159,209	87,439	246,648	176,655	95,497	272,152
11:00am	123,937	82,434	206,371	125,781	87,463	213,244	141,478	94,270	235,748
12:00pm	112,941	94,219	207,160	117,424	95,473	212,897	132,677	108,955	241,632
1:00pm	115,180	107,045	222,225	119,139	112,272	231,411	130,914	122,631	253,545
2:00pm	121,335	133,316	254,651	130,843	145,710	276,553	140,759	157,345	298,104
3:00pm	141,144	192,714	333,858	144,965	192,677	337,642	165,019	215,475	380,494
4:00pm	149,822	252,648	402,470	159,483	270,380	429,863	173,465	290,594	464,059
5:00pm	158,791	334,040	492,831	169,146	360,482	529,628	187,762	406,390	594,152
6:00pm	135,179	276,436	411,615	142,582	285,397	427,979	160,020	326,169	486,189
7:00pm	96,283	186,888	283,171	99,283	189,933	289,216	113,046	215,222	328,268
8:00pm	68,859	137,839	206,698	77,309	149,014	226,323	82,541	164,893	247,434
9:00pm	61,429	111,275	172,704	63,865	122,822	186,687	69,165	131,466	200,631
10:00pm	60,953	107,110	168,063	59,333	112,108	171,441	60,111	116,787	176,898
11:00pm	38,587	80,983	119,570	39,562	78,668	118,230	49,410	88,026	137,436
TOTAL	2,776,385	2,720,622	5,497,007	2,899,287	2,866,543	5,765,830	3,194,976	3,139,417	6,334,393

Note: See note 1 on page II-0.

TABLE 21B
Peak Accumulation of Persons Entering and Leaving the Hub
at Peak Accumulation Hour

YEAR	PEAK ACCUMULATION	AT
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
2023	881,000	2:00pm
2024	988,343	2:00pm

Note: See notes on page II-0.

TABLE 22A
Total Public Transit Passengers Entering and Leaving
the Hub on a Fall Business Day by Hour, 2022-2024

HOURS	2022			2023			2024		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	5,855	21,752	27,607	7,088	24,217	31,305	9,967	30,167	40,134
1:00am	2,869	10,581	13,450	3,427	9,352	12,779	3,863	10,170	14,033
2:00am	2,220	4,190	6,410	2,924	4,176	7,100	2,183	4,658	6,841
3:00am	2,206	2,486	4,692	3,755	2,782	6,537	3,052	3,093	6,145
4:00am	7,793	2,846	10,639	13,029	4,646	17,675	8,662	4,245	12,907
5:00am	45,448	11,689	57,137	55,650	20,013	75,663	50,503	14,199	64,702
6:00am	130,040	41,259	171,299	135,766	50,443	186,209	137,313	49,586	186,899
7:00am	239,034	75,277	314,311	254,848	80,753	335,601	269,269	84,261	353,530
8:00am	332,861	86,492	419,353	326,886	84,861	411,747	398,580	102,229	500,809
9:00am	194,992	63,959	258,951	210,289	67,934	278,223	250,215	76,998	327,213
10:00am	103,253	47,081	150,334	114,346	51,432	165,778	133,885	58,915	192,800
11:00am	81,279	45,031	126,310	84,176	49,056	133,232	100,408	56,542	156,950
12:00pm	70,290	53,610	123,900	75,728	54,980	130,708	91,941	68,682	160,623
1:00pm	73,788	63,607	137,395	78,216	68,876	147,092	90,517	79,691	170,208
2:00pm	78,698	86,565	165,263	88,815	97,979	186,794	98,459	110,480	208,939
3:00pm	98,147	141,497	239,644	102,110	142,128	244,238	121,677	164,094	285,771
4:00pm	106,531	199,183	305,714	115,833	217,123	332,956	130,121	238,285	368,406
5:00pm	113,884	280,488	394,372	122,858	306,813	429,671	142,861	353,475	496,336
6:00pm	90,229	224,992	315,221	97,250	232,768	330,018	115,878	273,423	389,301
7:00pm	54,994	137,098	192,092	56,677	138,521	195,198	71,257	164,798	236,055
8:00pm	33,041	92,462	125,503	38,964	101,766	140,730	45,267	118,704	163,971
9:00pm	27,048	68,677	95,725	28,665	78,528	107,193	33,502	87,879	121,381
10:00pm	28,017	66,470	94,487	26,446	68,985	95,431	27,380	74,042	101,422
11:00pm	13,044	45,217	58,261	13,415	42,635	56,050	24,110	52,660	76,770
TOTAL	1,935,561	1,872,509	3,808,070	2,057,161	2,000,767	4,057,928	2,360,870	2,281,276	4,642,146

Note: See note 1 on page II-0.

TABLE 22B
Peak Accumulation of Public Transportation Passengers Entering and Leaving the Hub
at Peak Accumulation Hour

YEAR	PEAK ACCUMULATION	AT
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
2023	790,669	2:00pm
2024	899,335	2:00pm

Note: See notes on page II-0.

TABLE 23A
Total Private Motor Vehicles Entering and Leaving the Hub
on a Fall Business Day by Hour, 2022-2024

HOURS	2022			2023			2024		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	12,356	16,560	28,916	12,133	19,185	31,318	12,044	18,589	30,633
1:00am	7,477	9,913	17,390	7,817	11,155	18,972	7,580	10,787	18,367
2:00am	5,572	6,510	12,082	5,598	7,470	13,068	5,458	6,965	12,423
3:00am	5,816	5,678	11,494	5,787	6,127	11,914	5,815	5,896	11,711
4:00am	9,718	7,902	17,620	9,473	7,992	17,465	10,191	8,159	18,350
5:00am	23,724	14,545	38,269	22,787	13,521	36,308	23,310	14,007	37,317
6:00am	36,118	23,083	59,201	35,558	22,110	57,668	35,270	22,531	57,801
7:00am	38,852	27,073	65,925	38,584	27,231	65,815	38,501	26,937	65,438
8:00am	38,762	26,925	65,687	38,955	26,913	65,868	38,787	25,975	64,762
9:00am	36,772	25,007	61,779	36,329	24,940	61,269	35,921	24,742	60,663
10:00am	34,362	25,858	60,220	33,629	25,996	59,625	31,526	26,399	57,925
11:00am	31,534	27,066	58,600	30,979	27,626	58,605	30,194	26,986	57,180
12:00pm	31,280	29,130	60,410	30,481	28,706	59,187	29,499	28,447	57,946
1:00pm	30,711	31,846	62,557	30,036	31,425	61,461	29,432	30,878	60,310
2:00pm	31,736	34,280	66,016	31,060	34,400	65,460	30,996	33,431	64,427
3:00pm	32,586	37,566	70,152	32,219	37,034	69,253	32,308	37,160	69,468
4:00pm	31,970	37,822	69,792	32,188	37,815	70,003	31,487	36,543	68,030
5:00pm	32,639	37,014	69,653	33,125	36,671	69,796	31,510	35,157	66,667
6:00pm	33,259	35,780	69,039	32,670	35,450	68,120	31,293	34,835	66,128
7:00pm	30,880	34,752	65,632	30,924	35,623	66,547	30,189	34,386	64,575
8:00pm	26,681	32,425	59,106	28,345	33,420	61,765	27,333	32,372	59,705
9:00pm	25,985	30,537	56,522	26,447	31,446	57,893	26,612	30,766	57,378
10:00pm	25,036	29,495	54,531	24,900	31,025	55,925	24,639	30,319	54,958
11:00pm	19,512	26,144	45,656	19,865	25,985	45,850	19,075	25,078	44,153
TOTAL	633,338	612,911	1,246,249	629,889	619,266	1,249,155	618,970	607,345	1,226,315

Note: See note 1 on page II-0.

TABLE 23B
Peak Accumulation of Motor Vehicles Entering and Leaving the Hub
at Peak Accumulation Hour

YEAR	PEAK ACCUMULATION	AT
1994	97,100	2:00pm
1995	94,100	2:00pm
1996	93,800	2:00pm
1997	101,000	1:00pm
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	2:00pm
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	1:00pm
2021	57,640	12:00pm
2022	66,539	1:00pm
2023	67,643	1:00pm
2024	64,491	1:00pm

Note: See notes on page II-0.

TABLE 24
Total Persons Entering the Hub by Hour and Mode in 2024

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	15,384	7,894	684	1,307	73	9	97	25,448
1:00am	9,668	2,239	328	1,232	58	6	52	13,583
2:00am	6,945	1,629	182	305	67	0	29	9,157
3:00am	7,361	2,409	378	184	81	0	38	10,451
4:00am	12,853	6,631	1,521	291	219	0	89	21,604
5:00am	29,443	31,834	10,279	7,138	1,245	7	304	80,250
6:00am	42,392	89,777	23,326	21,241	2,923	46	1,330	181,035
7:00am	47,017	180,950	35,899	45,546	6,649	225	2,741	319,027
8:00am	49,003	280,381	38,862	72,394	6,635	308	4,492	452,075
9:00am	45,310	189,883	22,372	34,482	3,220	258	3,799	299,324
10:00am	39,829	104,240	11,179	16,072	2,227	167	2,941	176,655
11:00am	38,138	77,781	9,268	11,068	2,050	241	2,932	141,478
12:00pm	37,935	71,183	8,518	9,532	2,446	262	2,801	132,677
1:00pm	37,756	71,737	9,059	7,355	2,168	198	2,641	130,914
2:00pm	39,795	79,893	7,471	8,443	2,394	258	2,505	140,759
3:00pm	40,866	99,193	11,218	7,840	3,120	306	2,476	165,019
4:00pm	40,580	105,457	10,988	10,285	3,158	233	2,764	173,465
5:00pm	41,283	116,580	9,455	12,825	3,759	242	3,618	187,762
6:00pm	40,239	90,387	9,124	13,345	2,697	325	3,903	160,020
7:00pm	38,587	54,619	5,799	9,225	1,431	183	3,202	113,046
8:00pm	34,946	35,448	4,039	4,954	710	116	2,328	82,541
9:00pm	34,025	25,249	3,463	4,255	465	70	1,638	69,165
10:00pm	31,525	20,887	2,661	3,566	233	33	1,206	60,111
11:00pm	24,474	18,314	1,359	4,247	157	33	826	49,410
TOTAL	785,354	1,764,595	237,432	307,132	48,185	3,526	48,752	3,194,976

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 2024

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE (1)	TOTAL
12:00am	24,852	23,109	2,458	4,086	501	13	423	55,442
1:00am	14,457	7,861	630	1,403	266	10	180	24,807
2:00am	9,320	3,869	442	239	108	0	100	14,078
3:00am	7,908	2,552	148	305	88	0	82	11,083
4:00am	10,992	3,061	320	792	72	0	63	15,300
5:00am	18,669	10,728	1,291	1,957	221	2	94	32,962
6:00am	29,830	38,628	6,030	4,094	802	32	691	80,107
7:00am	35,861	71,273	4,937	6,544	1,469	38	1,175	121,297
8:00am	34,816	85,767	7,529	6,315	2,561	57	1,695	138,740
9:00am	33,379	59,017	10,173	5,524	2,168	116	1,504	111,881
10:00am	35,198	45,159	6,224	5,165	2,202	165	1,384	95,497
11:00am	35,664	44,778	4,904	4,974	1,672	214	2,064	94,270
12:00pm	37,769	52,948	6,118	7,315	2,046	255	2,504	108,955
1:00pm	40,402	62,285	6,840	8,103	2,230	233	2,538	122,631
2:00pm	44,311	85,249	9,327	13,381	2,252	271	2,554	157,345
3:00pm	48,501	125,963	15,398	19,140	3,266	327	2,880	215,475
4:00pm	48,843	169,833	22,515	39,880	5,777	280	3,466	290,594
5:00pm	47,657	246,513	36,520	62,959	7,017	466	5,258	406,390
6:00pm	47,170	196,718	26,633	44,317	5,369	386	5,576	326,169
7:00pm	46,003	124,233	17,275	20,141	2,919	230	4,421	215,222
8:00pm	43,067	90,374	12,142	14,469	1,568	151	3,122	164,893
9:00pm	40,972	67,853	8,241	10,531	1,144	110	2,615	131,466
10:00pm	40,338	56,240	5,796	11,085	879	42	2,407	116,787
11:00pm	33,585	39,879	4,744	7,345	654	38	1,781	88,026
TOTAL	809,564	1,713,890	216,635	300,064	47,251	3,436	48,577	3,139,417

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 2024

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	9,253	5,981	6,973	3,159	73	9	25,448
1:00am	4,952	3,330	2,791	2,446	58	6	13,583
2:00am	3,506	2,377	1,717	1,490	67	0	9,157
3:00am	3,761	2,763	2,274	1,572	81	0	10,451
4:00am	6,890	6,368	4,148	3,979	219	0	21,604
5:00am	22,869	19,489	17,948	19,172	765	7	80,250
6:00am	49,066	47,817	46,330	35,838	1,938	46	181,035
7:00am	91,394	86,271	76,789	60,676	3,672	225	319,027
8:00am	130,504	125,984	105,692	86,590	2,997	308	452,075
9:00am	89,567	89,140	64,467	54,662	1,230	258	299,324
10:00am	59,141	50,174	38,417	27,301	1,455	167	176,655
11:00am	51,033	38,715	29,202	20,910	1,377	241	141,478
12:00pm	50,415	35,699	25,065	19,763	1,473	262	132,677
1:00pm	51,639	36,349	22,992	18,223	1,513	198	130,914
2:00pm	58,044	37,329	27,234	16,455	1,439	258	140,759
3:00pm	70,004	42,629	30,077	20,124	1,879	306	165,019
4:00pm	76,745	41,604	31,571	21,794	1,518	233	173,465
5:00pm	82,130	46,809	33,092	23,915	1,574	242	187,762
6:00pm	68,435	40,144	28,246	21,814	1,056	325	160,020
7:00pm	49,960	27,698	18,250	16,309	646	183	113,046
8:00pm	37,198	20,441	12,918	11,438	430	116	82,541
9:00pm	30,575	17,279	10,041	10,774	426	70	69,165
10:00pm	26,161	15,375	9,352	8,965	225	33	60,111
11:00pm	17,834	10,855	15,037	5,500	151	33	49,410
TOTAL	1,141,076	850,620	660,623	512,869	26,262	3,526	3,194,976

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 2024

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR (1)	NEW JERSEY SECTOR	STATEN ISLAND SECTOR (FERRY)	ROOSEVELT ISLAND (TRAMWAY)	TOTAL
12:00am	17,927	17,029	12,350	7,622	501	13	55,442
1:00am	8,076	7,339	5,365	3,751	266	10	24,807
2:00am	4,523	4,186	3,256	2,005	108	0	14,078
3:00am	3,840	3,040	2,618	1,497	88	0	11,083
4:00am	5,205	3,739	3,731	2,553	72	0	15,300
5:00am	12,200	8,927	6,782	4,834	217	2	32,962
6:00am	33,709	20,612	14,034	11,136	584	32	80,107
7:00am	59,879	30,023	18,484	12,463	410	38	121,297
8:00am	67,333	34,490	20,648	15,622	590	57	138,740
9:00am	49,358	28,400	15,637	17,887	483	116	111,881
10:00am	42,534	23,275	15,147	13,296	1,080	165	95,497
11:00am	40,775	24,695	15,665	11,805	1,116	214	94,270
12:00pm	43,050	29,264	20,062	14,911	1,413	255	108,955
1:00pm	47,363	33,555	23,578	16,411	1,491	233	122,631
2:00pm	58,735	42,158	33,221	21,615	1,345	271	157,345
3:00pm	74,232	58,514	49,907	30,445	2,050	327	215,475
4:00pm	86,812	81,538	70,437	48,122	3,405	280	290,594
5:00pm	121,819	109,722	95,306	75,163	3,914	466	406,390
6:00pm	95,989	93,019	73,662	60,491	2,622	386	326,169
7:00pm	67,507	61,343	47,874	36,847	1,421	230	215,222
8:00pm	52,429	47,467	35,032	28,844	970	151	164,893
9:00pm	45,885	37,925	26,296	20,465	785	110	131,466
10:00pm	40,761	30,705	27,439	17,179	661	42	116,787
11:00pm	32,347	24,344	20,206	10,505	586	38	88,026
TOTAL	1,112,288	855,309	656,737	485,469	26,178	3,436	3,139,417

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

(1) Excludes Roosevelt Island passengers.

Appendix III

Hourly Detail Tables - 2024

Note:

I. Changes in travel behavior due to the COVID-19 pandemic remain. However, there has been continuous and steady increase in travel since 2020.

II. Data collection methods, standards, etc. may have changed over the years in various ways. Care should be taken when comparing prior years' data.

SECTION A
Buses and Passengers by Sector,
Summary - 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	29	117	1	5	5	8	37	554	72	684
1:00am	16	15	1	3	5	4	24	306	46	328
2:00am	8	17	1	8	2	4	9	153	20	182
3:00am	8	24	2	21	2	10	13	323	25	378
4:00am	17	125	6	219	1	10	34	1,167	58	1,521
5:00am	57	608	54	1,595	6	92	210	7,984	327	10,279
6:00am	122	1,869	101	3,178	61	1,851	433	16,428	717	23,326
7:00am	155	3,381	150	4,583	134	3,170	569	24,765	1,008	35,899
8:00am	177	4,005	145	3,272	115	2,206	627	29,379	1,064	38,862
9:00am	136	2,482	55	1,101	53	638	481	18,151	725	22,372
10:00am	103	1,806	25	532	23	253	244	8,588	395	11,179
11:00am	100	1,716	16	351	21	229	176	6,972	313	9,268
12:00pm	104	1,875	18	327	19	187	165	6,129	306	8,518
1:00pm	103	1,870	19	295	18	190	195	6,704	335	9,059
2:00pm	105	2,099	16	303	20	165	172	4,904	313	7,471
3:00pm	123	2,512	15	320	20	158	332	8,228	490	11,218
4:00pm	123	2,370	13	184	23	210	407	8,224	566	10,988
5:00pm	116	2,498	11	121	25	213	436	6,623	588	9,455
6:00pm	100	1,657	11	66	24	144	397	7,257	532	9,124
7:00pm	96	1,096	6	34	19	79	233	4,590	354	5,799
8:00pm	79	650	4	31	17	50	176	3,308	276	4,039
9:00pm	65	455	4	35	11	44	140	2,929	220	3,463
10:00pm	63	410	3	19	7	24	108	2,208	181	2,661
11:00pm	52	233	1	1	6	14	77	1,111	136	1,359
TOTAL	2,057	33,890	678	16,604	637	9,953	5,695	176,985	9,067	237,432

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 2024 Continuous Bus Survey - adjusted estimates.
- Continuous Bus Survey methodology changed beginning from 2024. Care should be taken when comparing previous data.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A

Buses and Passengers by Sector, Summary - 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	57	433	13	326	7	98	44	1,601	121	2,458
1:00am	29	85	6	68	4	12	18	465	57	630
2:00am	9	19	1	7	2	9	13	407	25	442
3:00am	8	17	1	5	2	4	5	122	16	148
4:00am	8	28	1	7	3	7	18	278	30	320
5:00am	22	239	1	14	4	16	86	1,022	113	1,291
6:00am	59	991	0	0	5	22	284	5,017	348	6,030
7:00am	93	2,146	4	63	9	58	380	2,670	486	4,937
8:00am	118	2,564	5	82	18	115	574	4,768	715	7,529
9:00am	117	1,799	7	96	19	89	627	8,189	770	10,173
10:00am	107	1,517	7	67	20	97	315	4,543	449	6,224
11:00am	100	1,468	12	146	20	133	179	3,157	311	4,904
12:00pm	102	1,576	17	254	21	185	128	4,103	268	6,118
1:00pm	97	1,718	17	315	19	233	148	4,574	281	6,840
2:00pm	101	1,924	31	829	21	327	167	6,247	320	9,327
3:00pm	118	2,335	61	1,645	26	558	265	10,860	470	15,398
4:00pm	139	2,943	100	2,759	67	1,405	363	15,408	669	22,515
5:00pm	180	3,849	129	3,646	110	2,290	596	26,735	1,015	36,520
6:00pm	150	3,008	111	2,141	91	1,489	499	19,995	851	26,633
7:00pm	129	1,830	65	986	59	711	358	13,748	611	17,275
8:00pm	92	1,267	36	678	23	316	253	9,881	404	12,142
9:00pm	91	1,077	23	520	19	217	161	6,427	294	8,241
10:00pm	74	929	21	411	14	190	115	4,266	224	5,796
11:00pm	67	609	15	319	12	155	99	3,661	193	4,744
TOTAL	2,067	34,371	684	15,384	595	8,736	5,695	158,144	9,041	216,635

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 2024 Continuous Bus Survey - adjusted estimates.
- Continuous Bus Survey methodology changed beginning from 2024. Care should be taken when comparing previous data.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A
Bus and Passenger Volume by Route,
60th Street Sector - Inbound

HOURS	YORK AVENUE		SECOND AVE						LEXINGTON AVENUE						FIFTH AVENUE							
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		TOTAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		MTA BUS CO		WCDOT *		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	2	6	2	18	0	0	2	18	8	46	0	0	8	46	3	13	2	4	0	0	5	17
1:00am	1	0	2	3	0	0	2	3	3	5	0	0	3	5	1	1	1	2	0	0	2	3
2:00am	0	0	2	6	0	0	2	6	3	6	0	0	3	6	1	1	0	0	0	0	1	1
3:00am	0	0	2	9	0	0	2	9	2	7	0	0	2	7	1	3	0	0	0	0	1	3
4:00am	0	0	4	37	1	20	5	57	5	34	0	0	5	34	3	22	0	0	0	0	3	22
5:00am	2	20	3	16	10	135	13	151	16	120	0	0	16	120	5	53	4	121	2	66	11	240
6:00am	5	56	8	77	15	326	23	403	19	225	2	19	21	244	16	185	28	688	2	59	46	932
7:00am	8	160	8	139	22	677	30	816	19	428	4	37	23	465	21	558	39	721	2	45	62	1,324
8:00am	8	250	7	211	16	525	23	736	17	557	7	43	24	600	33	1,011	48	679	1	24	82	1,714
9:00am	6	142	7	170	9	246	16	416	15	417	5	27	20	444	27	650	31	323	1	19	59	992
10:00am	4	98	7	140	9	187	16	327	15	364	3	17	18	381	19	428	17	158	0	0	36	586
11:00am	5	89	6	137	8	176	14	313	18	365	4	16	22	381	19	447	15	143	0	0	34	590
12:00pm	5	98	5	144	7	188	12	332	18	388	2	12	20	400	21	483	13	118	0	0	34	601
1:00pm	4	78	6	155	9	217	15	372	16	356	2	9	18	365	21	468	13	129	0	0	34	597
2:00pm	5	102	6	206	9	266	15	472	16	391	2	9	18	400	23	525	13	99	0	0	36	624
3:00pm	6	150	6	203	9	285	15	488	18	530	2	6	20	536	27	635	13	77	0	0	40	712
4:00pm	6	136	7	204	10	250	17	454	13	365	2	6	15	371	35	733	13	84	0	0	48	817
5:00pm	6	178	5	205	12	247	17	452	16	467	2	11	18	478	24	683	13	71	0	0	37	754
6:00pm	6	118	7	178	7	156	14	334	15	343	2	7	17	350	20	355	12	51	0	0	32	406
7:00pm	5	66	6	165	6	88	12	253	16	219	2	4	18	223	16	172	15	52	0	0	31	224
8:00pm	4	36	7	97	5	44	12	141	14	137	1	1	15	138	15	105	10	39	0	0	25	144
9:00pm	4	21	4	42	5	39	9	81	10	104	1	2	11	106	11	61	9	48	0	0	20	109
10:00pm	3	11	6	68	1	4	7	72	12	119	1	4	13	123	10	57	9	45	0	0	19	102
11:00pm	3	9	2	34	0	0	2	34	10	104	2	6	12	110	5	11	9	23	0	0	14	34
TOTAL	98	1,824	125	2,664	170	4,076	295	6,740	314	6,097	46	236	360	6,333	377	7,660	327	3,675	8	213	712	11,548

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.

- Due to detours and service disruptions in Bee Line services, October 09th data was provided instead of October 16th as being representative of typical weekday service.

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

SECTION A

60th Street Sector, Inbound (Cont'd)

HOURS	BROADWAY						COLUMBUS AVE		WEST END AVENUE		TOTAL							
	NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.		WCDOT *		ALL BUSES	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	9	17	0	0	9	17	1	1	2	12	27	113	2	4	0	0	29	117
1:00am	5	2	0	0	5	2	1	0	2	2	15	13	1	2	0	0	16	15
2:00am	2	4	0	0	2	4	0	0	0	0	8	17	0	0	0	0	8	17
3:00am	3	5	0	0	3	5	0	0	0	0	8	24	0	0	0	0	8	24
4:00am	4	12	0	0	4	12	0	0	0	0	17	125	0	0	0	0	17	125
5:00am	10	50	0	0	10	50	4	25	1	2	51	421	4	121	2	66	57	608
6:00am	17	120	1	8	18	128	6	55	3	51	89	1,095	31	715	2	59	122	1,869
7:00am	18	252	2	10	20	262	7	189	5	165	108	2,568	45	768	2	45	155	3,381
8:00am	27	376	3	20	30	396	5	145	5	164	118	3,239	58	742	1	24	177	4,005
9:00am	21	251	2	8	23	259	6	99	6	130	97	2,105	38	358	1	19	136	2,482
10:00am	19	214	2	9	21	223	4	94	4	97	81	1,622	22	184	0	0	103	1,806
11:00am	15	167	2	9	17	176	5	92	3	75	79	1,548	21	168	0	0	100	1,716
12:00pm	21	244	2	8	23	252	5	106	5	86	87	1,737	17	138	0	0	104	1,875
1:00pm	20	253	2	5	22	258	6	108	4	92	86	1,727	17	143	0	0	103	1,870
2:00pm	20	253	2	5	22	258	5	130	4	113	88	1,986	17	113	0	0	105	2,099
3:00pm	25	322	2	4	27	326	10	169	5	131	106	2,425	17	87	0	0	123	2,512
4:00pm	24	293	2	6	26	299	5	136	6	157	106	2,274	17	96	0	0	123	2,370
5:00pm	25	322	2	6	27	328	5	132	6	176	99	2,410	17	88	0	0	116	2,498
6:00pm	22	252	2	5	24	257	4	99	3	93	84	1,594	16	63	0	0	100	1,657
7:00pm	19	138	3	6	22	144	3	67	5	119	76	1,034	20	62	0	0	96	1,096
8:00pm	14	74	2	4	16	78	3	45	4	68	66	606	13	44	0	0	79	650
9:00pm	12	65	2	4	14	69	3	27	4	42	53	401	12	54	0	0	65	455
10:00pm	15	54	2	5	17	59	2	19	2	24	51	356	12	54	0	0	63	410
11:00pm	14	26	2	4	16	30	3	7	2	9	39	200	13	33	0	0	52	233
TOTAL	381	3,766	37	126	418	3,892	93	1,745	81	1,808	1,639	29,640	410	4,037	8	213	2,057	33,890

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.
- Due to detours and service disruptions in Bee Line services, October 09th data was provided instead of October 16th as being representative of typical weekday service.
- * WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

SECTION A
Bus and Passenger Volume by Route,
60th Street Sector - 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	12	5	47	0	0	5	47	12	70	1	4	13	74	6	59	9	170	0	0	15	229
1:00am	1	1	6	26	0	0	6	26	5	25	0	0	5	25	3	5	3	17	0	0	6	22
2:00am	0	0	3	15	0	0	3	15	2	2	0	0	2	2	1	1	0	0	0	0	1	1
3:00am	0	0	2	9	0	0	2	9	3	6	0	0	3	6	1	1	0	0	0	0	1	1
4:00am	0	0	1	13	0	0	1	13	3	12	0	0	3	12	1	1	0	0	0	0	1	1
5:00am	1	7	4	77	1	52	5	129	7	67	0	0	7	67	3	25	0	0	0	0	3	25
6:00am	3	50	4	101	7	337	11	438	17	237	1	3	18	240	5	69	2	10	0	0	7	79
7:00am	5	123	2	67	15	691	17	758	16	412	2	6	18	418	14	315	10	60	0	0	24	375
8:00am	7	142	6	188	20	880	26	1,068	17	516	2	5	19	521	18	327	14	40	0	0	32	367
9:00am	3	62	7	154	14	487	21	641	15	326	2	4	17	330	27	386	12	29	0	0	39	415
10:00am	6	88	6	128	9	299	15	427	15	282	2	4	17	286	28	375	11	33	0	0	39	408
11:00am	5	70	8	154	9	238	17	392	13	278	2	5	15	283	19	356	13	49	0	0	32	405
12:00pm	5	78	6	152	7	238	13	390	18	309	2	6	20	315	19	362	13	75	0	0	32	437
1:00pm	5	87	6	169	8	249	14	418	15	313	2	7	17	320	20	417	13	92	0	0	33	509
2:00pm	5	80	6	181	7	258	13	439	12	284	3	9	15	293	21	468	14	160	0	0	35	628
3:00pm	6	100	5	174	10	309	15	483	15	367	3	13	18	380	21	506	18	275	1	25	40	806
4:00pm	5	114	7	231	9	270	16	501	17	478	4	23	21	501	25	619	32	546	1	35	58	1,200
5:00pm	7	134	7	244	10	348	17	592	17	544	6	42	23	586	33	878	55	940	2	61	90	1,879
6:00pm	5	125	7	219	13	341	20	560	17	450	4	18	21	468	30	755	39	563	2	47	71	1,365
7:00pm	6	90	6	148	10	208	16	356	20	307	3	21	23	328	26	365	25	305	1	13	52	683
8:00pm	3	42	6	120	7	158	13	278	16	221	3	15	19	236	17	220	15	212	1	12	33	444
9:00pm	5	69	7	104	6	126	13	230	14	193	2	12	16	205	16	176	14	182	0	0	30	358
10:00pm	4	73	5	115	5	105	10	220	14	137	2	9	16	146	13	139	11	195	0	0	24	334
11:00pm	3	23	6	89	3	34	9	123	10	107	2	11	12	118	11	73	10	188	0	0	21	261
TOTAL	93	1,570	128	2,925	170	5,628	298	8,553	310	5,943	48	217	358	6,160	378	6,898	333	4,141	8	193	719	11,232

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.
- Due to detours and service disruptions in Bee Line services, October 09th data was provided instead of October 16th as being representative of typical weekday service.
- * WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

SECTION A

60th Street Sector, Outbound (Cont'd)

HOURS	CP West *		BROADWAY						AMSTERDAM AVE.		WEST END AVE		TOTAL							
	NYCT LOCAL		NYCT LOCAL		MTA BUS CO.		TOTAL		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.		WCDOT **		ALL	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	5	5	11	35	2	16	13	51	1	3	2	12	45	243	12	190	0	0	57	433
1:00am	2	1	7	8	0	0	7	8	0	0	2	2	26	68	3	17	0	0	29	85
2:00am	1	0	2	1	0	0	2	1	0	0	0	0	9	19	0	0	0	0	9	19
3:00am	0	0	2	1	0	0	2	1	0	0	0	0	8	17	0	0	0	0	8	17
4:00am	0	0	3	2	0	0	3	2	0	0	0	0	8	28	0	0	0	0	8	28
5:00am	1	1	4	8	0	0	4	8	0	0	1	2	22	239	0	0	0	0	22	239
6:00am	3	3	10	62	0	0	10	62	4	68	3	51	56	978	3	13	0	0	59	991
7:00am	6	34	11	120	1	1	12	121	6	152	5	165	80	2,079	13	67	0	0	93	2,146
8:00am	8	36	14	113	2	2	16	115	5	151	5	164	100	2,517	18	47	0	0	118	2,564
9:00am	6	27	16	90	2	3	18	93	7	101	6	130	101	1,763	16	36	0	0	117	1,799
10:00am	6	28	14	101	2	3	16	104	4	79	4	97	92	1,477	15	40	0	0	107	1,517
11:00am	5	31	16	112	2	4	18	116	5	96	3	75	83	1,410	17	58	0	0	100	1,468
12:00pm	6	35	14	124	2	4	16	128	5	107	5	86	85	1,491	17	85	0	0	102	1,576
1:00pm	5	47	12	131	2	6	14	137	5	108	4	92	80	1,613	17	105	0	0	97	1,718
2:00pm	6	53	16	176	2	8	18	184	5	134	4	113	82	1,747	19	177	0	0	101	1,924
3:00pm	9	60	16	192	2	10	18	202	7	173	5	131	94	2,012	23	298	1	25	118	2,335
4:00pm	9	69	15	199	3	21	18	220	6	181	6	157	99	2,318	39	590	1	35	139	2,943
5:00pm	10	80	18	197	4	27	22	224	5	178	6	176	113	2,779	65	1,009	2	61	180	3,849
6:00pm	8	65	15	152	3	14	18	166	4	166	3	93	102	2,366	46	595	2	47	150	3,008
7:00pm	7	33	13	110	2	11	15	121	5	100	5	119	98	1,480	30	337	1	13	129	1,830
8:00pm	5	25	9	95	2	9	11	104	4	70	4	68	71	1,019	20	236	1	12	92	1,267
9:00pm	5	19	12	72	2	14	14	86	4	68	4	42	73	869	18	208	0	0	91	1,077
10:00pm	5	17	9	54	2	19	11	73	2	42	2	24	59	706	15	223	0	0	74	929
11:00pm	5	10	10	35	2	9	12	44	3	21	2	9	53	401	14	208	0	0	67	609
TOTAL	123	679	269	2,190	39	181	308	2,371	87	1,998	81	1,808	1,639	29,639	420	4,539	8	193	2,067	34,371

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.
- Due to detours and service disruptions in Bee Line services, October 09th data was provided instead of October 16th as being representative of typical weekday service.
- * Central Park West (also called Eighth Avenue).
- ** WCDOT refers to Bee-Line buses operated by the Westchester County Department of Transportation.

SECTION A
Bus and Passenger Volume by Route,
Brooklyn Sector - Inbound

HOURS	HUGH L. CAREY TUNNEL(Express)						WILLIAMSBURG BRIDGE (Local)				TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	5	0	0	1	5	0	0	0	0	1	5	0	0	1	5
1:00am	1	3	0	0	1	3	0	0	0	0	1	3	0	0	1	3
2:00am	1	8	0	0	1	8	0	0	0	0	1	8	0	0	1	8
3:00am	2	21	0	0	2	21	0	0	0	0	2	21	0	0	2	21
4:00am	6	219	0	0	6	219	0	0	0	0	6	219	0	0	6	219
5:00am	51	1,484	3	111	54	1,595	0	0	0	0	51	1,484	3	111	54	1,595
6:00am	91	2,880	10	298	101	3,178	0	0	0	0	91	2,880	10	298	101	3,178
7:00am	128	3,976	20	595	148	4,571	2	12	2	12	130	3,988	20	595	150	4,583
8:00am	119	2,796	24	470	143	3,266	2	6	2	6	121	2,802	24	470	145	3,272
9:00am	45	980	8	118	53	1,098	2	3	2	3	47	983	8	118	55	1,101
10:00am	19	470	5	58	24	528	1	4	1	4	20	474	5	58	25	532
11:00am	11	323	2	22	13	345	3	6	3	6	14	329	2	22	16	351
12:00pm	13	283	4	40	17	323	1	4	1	4	14	287	4	40	18	327
1:00pm	12	254	4	36	16	290	3	5	3	5	15	259	4	36	19	295
2:00pm	12	272	3	29	15	301	1	2	1	2	13	274	3	29	16	303
3:00pm	12	301	2	16	14	317	1	3	1	3	13	304	2	16	15	320
4:00pm	10	172	1	6	11	178	2	6	2	6	12	178	1	6	13	184
5:00pm	10	119	0	0	10	119	1	2	1	2	11	121	0	0	11	121
6:00pm	8	62	0	0	8	62	3	4	3	4	11	66	0	0	11	66
7:00pm	5	33	0	0	5	33	1	1	1	1	6	34	0	0	6	34
8:00pm	3	29	0	0	3	29	1	2	1	2	4	31	0	0	4	31
9:00pm	3	34	0	0	3	34	1	1	1	1	4	35	0	0	4	35
10:00pm	3	19	0	0	3	19	0	0	0	0	3	19	0	0	3	19
11:00pm	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1
TOTAL	567	14,744	86	1,799	653	16,543	25	61	25	61	592	14,805	86	1,799	678	16,604

Notes:

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

SECTION A

Bus and Passenger Volume by Route, Brooklyn Sector - Outbound

HOURS	HUGH L. CAREY TUNNEL(Express)						WILLIAMSBURG BRIDGE (Local)				TOTAL					
	NYC Transit		MTA Bus Co		TOTAL		NYC Transit		TOTAL		NYC Transit		MTA Bus Co		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	11	300	2	26	13	326	0	0	0	0	11	300	2	26	13	326
1:00am	6	68	0	0	6	68	0	0	0	0	6	68	0	0	6	68
2:00am	1	7	0	0	1	7	0	0	0	0	1	7	0	0	1	7
3:00am	1	5	0	0	1	5	0	0	0	0	1	5	0	0	1	5
4:00am	1	7	0	0	1	7	0	0	0	0	1	7	0	0	1	7
5:00am	1	14	0	0	1	14	0	0	0	0	1	14	0	0	1	14
6:00am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00am	2	60	0	0	2	60	2	3	2	3	4	63	0	0	4	63
8:00am	3	80	0	0	3	80	2	2	2	2	5	82	0	0	5	82
9:00am	5	95	0	0	5	95	2	1	2	1	7	96	0	0	7	96
10:00am	5	65	0	0	5	65	2	2	2	2	7	67	0	0	7	67
11:00am	8	129	2	15	10	144	2	2	2	2	10	131	2	15	12	146
12:00pm	11	226	4	26	15	252	2	2	2	2	13	228	4	26	17	254
1:00pm	11	283	4	30	15	313	2	2	2	2	13	285	4	30	17	315
2:00pm	24	751	5	75	29	826	2	3	2	3	26	754	5	75	31	829
3:00pm	51	1,469	8	174	59	1,643	2	2	2	2	53	1,471	8	174	61	1,645
4:00pm	84	2,480	14	272	98	2,752	2	7	2	7	86	2,487	14	272	100	2,759
5:00pm	106	3,214	21	427	127	3,641	2	5	2	5	108	3,219	21	427	129	3,646
6:00pm	92	1,870	17	267	109	2,137	2	4	2	4	94	1,874	17	267	111	2,141
7:00pm	55	863	8	122	63	985	2	1	2	1	57	864	8	122	65	986
8:00pm	27	599	7	75	34	674	2	4	2	4	29	603	7	75	36	678
9:00pm	19	482	3	37	22	519	1	1	1	1	20	483	3	37	23	520
10:00pm	17	367	4	44	21	411	0	0	0	0	17	367	4	44	21	411
11:00pm	13	289	2	30	15	319	0	0	0	0	13	289	2	30	15	319
TOTAL	554	13,723	101	1,620	655	15,343	29	41	29	41	610	14,359	101	1,620	684	15,384

Notes:

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

SECTION A
Bus and Passenger Volume by Route,
Queens Sector - 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	2	3	3	5	5	8	0	0	0	0	0	0	2	3	3	5	5	8
1:00am	3	1	2	3	5	4	0	0	0	0	0	0	3	1	2	3	5	4
2:00am	0	0	2	4	2	4	0	0	0	0	0	0	0	0	2	4	2	4
3:00am	0	0	2	10	2	10	0	0	0	0	0	0	0	0	2	10	2	10
4:00am	0	0	1	10	1	10	0	0	0	0	0	0	0	0	1	10	1	10
5:00am	0	0	4	36	4	36	0	0	2	56	2	56	0	0	6	92	6	92
6:00am	5	126	3	29	8	155	4	146	49	1,550	53	1,696	9	272	52	1,579	61	1,851
7:00am	5	131	6	44	11	175	7	136	116	2,859	123	2,995	12	267	122	2,903	134	3,170
8:00am	6	104	6	31	12	135	6	91	97	1,980	103	2,071	12	195	103	2,011	115	2,206
9:00am	6	73	8	34	14	107	2	5	37	526	39	531	8	78	45	560	53	638
10:00am	4	54	7	24	11	78	0	0	12	175	12	175	4	54	19	199	23	253
11:00am	6	71	6	34	12	105	0	0	9	124	9	124	6	71	15	158	21	229
12:00pm	5	67	6	31	11	98	0	0	8	89	8	89	5	67	14	120	19	187
1:00pm	4	69	6	25	10	94	0	0	8	96	8	96	4	69	14	121	18	190
2:00pm	6	67	6	26	12	93	0	0	8	72	8	72	6	67	14	98	20	165
3:00pm	6	65	7	31	13	96	0	0	7	62	7	62	6	65	14	93	20	158
4:00pm	7	84	7	23	14	107	2	43	7	60	9	103	9	127	14	83	23	210
5:00pm	6	71	8	20	14	91	3	56	8	66	11	122	9	127	16	86	25	213
6:00pm	7	55	9	16	16	71	2	37	6	36	8	73	9	92	15	52	24	144
7:00pm	4	32	7	10	11	42	3	20	5	17	8	37	7	52	12	27	19	79
8:00pm	5	19	7	14	12	33	0	0	5	17	5	17	5	19	12	31	17	50
9:00pm	4	20	3	7	7	27	0	0	4	17	4	17	4	20	7	24	11	44
10:00pm	3	15	3	7	6	22	0	0	1	2	1	2	3	15	4	9	7	24
11:00pm	3	7	2	5	5	12	0	0	1	2	1	2	3	7	3	7	6	14
TOTAL	97	1,134	121	479	218	1,613	29	534	390	7,806	419	8,340	126	1,668	511	8,285	637	9,953

Notes:

- See note on page III-0.

- Majority of buses crossing at the 60th Street, Brooklyn, and Queens sectors belong to MTA NYCT, MTA Bus Co., and Westchester Bee Line. These bus volumes are derived from schedule and only these buses are included at the crossings.

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

SECTION A

Bus and Passenger Volume by Route, Queens Sector - 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	2	39	0	0	2	36	3	23	7	98	0	0	0	0	2	39	5	59	7	98
1:00am	2	4	0	0	2	8	0	0	4	12	0	0	0	0	2	4	2	8	4	12
2:00am	0	0	0	0	2	9	0	0	2	9	0	0	0	0	0	0	2	9	2	9
3:00am	0	0	0	0	2	4	0	0	2	4	0	0	0	0	0	0	2	4	2	4
4:00am	1	3	0	0	2	4	0	0	3	7	0	0	0	0	1	3	2	4	3	7
5:00am	1	6	0	0	3	10	0	0	4	16	0	0	0	0	1	6	3	10	4	16
6:00am	2	11	0	0	3	11	0	0	5	22	0	0	0	0	2	11	3	11	5	22
7:00am	4	41	0	0	5	17	0	0	9	58	0	0	0	0	4	41	5	17	9	58
8:00am	6	58	0	0	6	28	6	29	18	115	0	0	0	0	6	58	12	57	18	115
9:00am	5	42	0	0	7	29	7	18	19	89	0	0	0	0	5	42	14	47	19	89
10:00am	4	37	0	0	8	34	8	26	20	97	0	0	0	0	4	37	16	60	20	97
11:00am	5	55	0	0	7	41	8	37	20	133	0	0	0	0	5	55	15	78	20	133
12:00pm	6	59	0	0	6	63	8	54	20	176	1	9	1	9	6	59	15	126	21	185
1:00pm	4	79	0	0	6	72	8	69	18	220	1	13	1	13	4	79	15	154	19	233
2:00pm	5	103	0	0	6	84	9	123	20	310	1	17	1	17	5	103	16	224	21	327
3:00pm	6	144	0	0	6	105	12	258	24	507	2	51	2	51	6	144	20	414	26	558
4:00pm	5	119	7	148	6	100	43	846	61	1,213	6	192	6	192	12	267	55	1,138	67	1,405
5:00pm	6	185	10	164	8	168	78	1,522	102	2,039	8	251	8	251	16	349	94	1,941	110	2,290
6:00pm	6	181	7	116	8	111	63	917	84	1,325	7	164	7	164	13	297	78	1,192	91	1,489
7:00pm	7	137	6	41	9	96	33	362	55	636	4	75	4	75	13	178	46	533	59	711
8:00pm	5	95	0	0	7	68	10	135	22	298	1	18	1	18	5	95	18	221	23	316
9:00pm	6	64	0	0	5	50	7	86	18	200	1	17	1	17	6	64	13	153	19	217
10:00pm	4	60	0	0	3	28	6	90	13	178	1	12	1	12	4	60	10	130	14	190
11:00pm	3	44	0	0	2	20	6	72	11	136	1	19	1	19	3	44	9	111	12	155
TOTAL	95	1,566	30	469	121	1,196	315	4,667	561	7,898	34	838	34	838	125	2,035	470	6,701	595	8,736

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

SECTION A
Bus and Passenger Volume by Route,
New Jersey Sector

Inbound

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	6	36	548	37	554
1:00am	0	0	24	306	24	306
2:00am	2	30	7	123	9	153
3:00am	2	30	11	293	13	323
4:00am	8	118	26	1,049	34	1,167
5:00am	8	188	202	7,796	210	7,984
6:00am	15	466	418	15,962	433	16,428
7:00am	17	493	552	24,272	569	24,765
8:00am	18	496	609	28,883	627	29,379
9:00am	20	442	461	17,709	481	18,151
10:00am	10	195	234	8,393	244	8,588
11:00am	5	78	171	6,894	176	6,972
12:00pm	6	76	159	6,053	165	6,129
1:00pm	3	42	192	6,662	195	6,704
2:00pm	6	80	166	4,824	172	4,904
3:00pm	16	202	316	8,026	332	8,228
4:00pm	9	133	398	8,091	407	8,224
5:00pm	10	205	426	6,418	436	6,623
6:00pm	8	136	389	7,121	397	7,257
7:00pm	4	62	229	4,528	233	4,590
8:00pm	2	30	174	3,278	176	3,308
9:00pm	8	115	132	2,814	140	2,929
10:00pm	2	40	106	2,168	108	2,208
11:00pm	1	10	76	1,101	77	1,111
TOTAL	181	3,673	5,514	173,312	5,695	176,985

Outbound

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	1	1	43	1,600	44	1,601
1:00am	1	14	17	451	18	465
2:00am	1	14	12	393	13	407
3:00am	1	14	4	108	5	122
4:00am	14	198	4	80	18	278
5:00am	9	246	77	776	86	1,022
6:00am	9	203	275	4,814	284	5,017
7:00am	7	105	373	2,565	380	2,670
8:00am	13	270	561	4,498	574	4,768
9:00am	20	238	607	7,951	627	8,189
10:00am	6	63	309	4,480	315	4,543
11:00am	3	32	176	3,125	179	3,157
12:00pm	5	61	123	4,042	128	4,103
1:00pm	5	72	143	4,502	148	4,574
2:00pm	3	64	164	6,183	167	6,247
3:00pm	16	397	249	10,463	265	10,860
4:00pm	8	263	355	15,145	363	15,408
5:00pm	23	725	573	26,010	596	26,735
6:00pm	9	297	490	19,698	499	19,995
7:00pm	14	313	344	13,435	358	13,748
8:00pm	9	208	244	9,673	253	9,881
9:00pm	3	72	158	6,355	161	6,427
10:00pm	0	0	115	4,266	115	4,266
11:00pm	1	2	98	3,659	99	3,661
TOTAL	181	3,872	5,514	154,272	5,695	158,144

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 2024 Continuous Bus Survey - adjusted estimates.
- Continuous Bus Survey methodology changed beginning from 2024. Care should be taken when comparing previous data.
- New Jersey Sector - Lincoln and Holland Tunnels' (LHT) counts include commuter buses.
- LHT westbound data are collected using Miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound and westbound volumes.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.

SECTION A

Express Bus Ridership by Sector and Operator, Inbound Express Bus Only

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HOURS	60TH ST SECTOR						BROOKLYN SECTOR				QUEENS SECTOR				N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WCDOT		NYC TRANSIT		MTA BUS CO.		NYC TRANSIT		MTA BUS CO.		OTHER OPERATORS		BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS		
12:00am	0	0	2	4	0	0	1	5	0	0	0	0	0	0	35	223	38	318
1:00am	0	0	1	2	0	0	1	3	0	0	0	0	0	0	15	105	17	179
2:00am	0	0	0	0	0	0	1	8	0	0	0	0	0	0	17	191	18	308
3:00am	0	0	0	0	0	0	2	21	0	0	0	0	0	0	9	122	10	237
4:00am	1	20	0	0	0	0	6	219	0	0	0	0	0	0	26	819	33	1,141
5:00am	10	135	4	121	2	66	51	1,484	3	111	0	0	2	56	206	6,960	276	8,955
6:00am	15	326	31	715	2	59	91	2,880	10	298	4	146	49	1,550	444	14,697	658	20,564
7:00am	22	677	45	768	2	45	128	3,976	20	595	7	136	116	2,859	522	20,203	876	29,980
8:00am	16	525	58	742	1	24	119	2,796	24	470	6	91	97	1,980	645	25,535	975	33,095
9:00am	9	246	38	358	1	19	45	980	8	118	2	5	37	526	531	17,185	676	19,909
10:00am	9	187	22	184	0	0	19	470	5	58	0	0	12	175	255	7,510	320	8,691
11:00am	8	176	21	168	0	0	11	323	2	22	0	0	9	124	188	5,518	242	6,454
12:00pm	7	188	17	138	0	0	13	283	4	40	0	0	8	89	152	3,942	201	4,678
1:00pm	9	217	17	143	0	0	12	254	4	36	0	0	8	96	201	5,163	251	5,965
2:00pm	9	266	17	113	0	0	12	272	3	29	0	0	8	72	228	5,756	276	6,313
3:00pm	9	285	17	87	0	0	12	301	2	16	0	0	7	62	324	7,683	372	8,729
4:00pm	10	250	17	96	0	0	10	172	1	6	2	43	7	60	392	7,548	440	8,155
5:00pm	12	247	17	88	0	0	10	119	0	0	3	56	8	66	482	9,301	526	9,766
6:00pm	7	156	16	63	0	0	8	62	0	0	2	37	6	36	340	6,598	377	6,872
7:00pm	6	88	20	62	0	0	5	33	0	0	3	20	5	17	271	4,098	305	4,312
8:00pm	5	44	13	44	0	0	3	29	0	0	0	0	5	17	166	2,154	192	2,273
9:00pm	5	39	12	54	0	0	3	34	0	0	0	0	4	17	128	1,515	152	1,726
10:00pm	1	4	12	54	0	0	3	19	0	0	0	0	1	2	108	1,185	125	1,268
11:00pm	0	0	13	33	0	0	1	1	0	0	0	0	1	2	73	599	88	648
TOTAL	170	4,076	410	4,037	8	213	567	14,744	86	1,799	29	534	390	7,806	5,758	154,610	7,444	190,536

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 2024 Continuous Bus Survey - adjusted estimates.
- Continuous Bus Survey methodology changed beginning from 2024. Care should be taken when comparing previous data.
- 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,
Outbound Express Bus Only

HOURS	60TH ST SECTOR						BROOKLYN SECTOR				QUEENS SECTOR				N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WCDOT		NYC TRANSIT		MTA BUS CO.		NYC TRANSIT		MTA BUS CO.		OTHER OPERATORS		BUSES	PSGRS
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS		
12:00am	0	0	12	190	0	0	11	300	2	26	0	0	3	23	43	1,022	73	1,561
1:00am	0	0	3	17	0	0	6	68	0	0	0	0	0	0	18	362	27	513
2:00am	0	0	0	0	0	0	1	7	0	0	0	0	0	0	14	233	15	303
3:00am	0	0	0	0	0	0	1	5	0	0	0	0	0	0	5	109	6	131
4:00am	0	0	0	0	0	0	1	7	0	0	0	0	0	0	30	546	31	699
5:00am	1	52	0	0	0	0	1	14	0	0	0	0	0	0	93	1,048	95	948
6:00am	7	337	3	13	0	0	0	0	0	0	0	0	0	0	287	2,719	298	2,978
7:00am	15	691	13	67	0	0	2	60	0	0	0	0	0	0	380	4,176	410	5,217
8:00am	20	880	18	47	0	0	3	80	0	0	0	0	6	29	576	7,761	624	9,532
9:00am	14	487	16	36	0	0	5	95	0	0	0	0	7	18	634	10,863	677	11,481
10:00am	9	299	15	40	0	0	5	65	0	0	0	0	8	26	315	4,090	353	4,901
11:00am	9	238	17	58	0	0	8	129	2	15	0	0	8	37	178	2,663	223	3,143
12:00pm	7	238	17	85	0	0	11	226	4	26	0	0	9	63	130	2,449	177	3,286
1:00pm	8	249	17	105	0	0	11	283	4	30	0	0	9	82	151	3,273	199	4,211
2:00pm	7	258	19	177	0	0	24	751	5	75	0	0	10	140	166	4,708	232	6,334
3:00pm	10	309	23	298	1	25	51	1,469	8	174	0	0	14	309	275	8,748	384	11,707
4:00pm	9	270	39	590	1	35	84	2,480	14	272	7	148	49	1,038	364	13,635	571	18,651
5:00pm	10	348	65	1,009	2	61	106	3,214	21	427	10	164	86	1,773	665	27,115	989	35,336
6:00pm	13	341	46	595	2	47	92	1,870	17	267	7	116	70	1,081	438	17,467	689	22,330
7:00pm	10	208	30	337	1	13	55	863	8	122	6	41	37	437	364	12,750	503	15,291
8:00pm	7	158	20	236	1	12	27	599	7	75	0	0	11	153	256	8,675	326	10,248
9:00pm	6	126	18	208	0	0	19	482	3	37	0	0	8	103	160	4,849	214	5,869
10:00pm	5	105	15	223	0	0	17	367	4	44	0	0	7	102	113	3,864	161	4,713
11:00pm	3	34	14	208	0	0	13	289	2	30	0	0	7	91	98	3,025	137	3,784
TOTAL	170	5,628	420	4,539	8	193	554	13,723	101	1,620	30	469	349	5,505	5,753	146,150	7,414	183,167

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 2024 Continuous Bus Survey - adjusted estimates.
- Continuous Bus Survey methodology changed beginning from 2024. Care should be taken when comparing previous data.
- 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 Bus Line

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	1,149	38	451	214	337	109
BM2	917	57	327	151	270	112
BM3	794	42	309	160	216	67
BM4	559	0	276	114	149	20
BM5	857	0	289	151	297	120
BxM1	453	4	113	144	107	85
BxM10	968	41	236	240	280	171
BxM11	780	25	185	177	193	200
BxM18	203	0	123	0	69	11
BxM2	307	16	41	86	79	85
BxM3	454	8	144	106	133	63
BXM4	292	9	62	69	95	57
BxM6	541	15	141	125	145	115
BXM7	1,861	119	481	417	493	351
BxM8	1,292	26	380	265	443	178
BxM9	1,425	71	446	361	404	143
QM1	226	0	150	0	72	4
QM10	211	0	118	21	67	5
QM11	447	0	229	38	169	11
QM12	252	0	168	24	56	4
QM15	1,659	0	811	284	417	147
QM16	464	0	273	0	178	13
QM17	450	0	248	0	187	15
QM18	173	0	98	8	58	9
QM2	1,031	0	363	271	268	129
QM20	916	0	426	176	243	71
QM21	172	0	88	12	52	20
QM24	576	0	383	41	139	13
QM25	427	0	254	22	141	10
QM3	91	0	62	0	29	0
QM31	166	0	70	8	88	0
QM32	313	0	172	16	119	6
QM34	574	0	295	44	225	10
QM35	354	0	224	18	103	9
QM36	140	0	83	0	57	0
QM4	448	6	194	100	99	49
QM40	143	0	71	11	55	6
QM42	165	0	102	14	43	6
QM44	134	0	78	15	41	0
QM5	1,285	45	395	320	364	161
QM6	686	7	277	159	155	88
QM7	520	21	289	66	127	17
QM8	431	0	208	0	205	18
Total	25,306	550	10,133	4,448	7,467	2,708

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 and Passengers by Sector,
Summary - Inbound

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	25	234	1,775	39	342	2,134	19	190	3,923	2	16	62	85	782	7,894
1:00am	16	150	639	25	224	873	15	149	686	2	16	41	58	539	2,239
2:00am	17	156	519	27	238	656	12	117	381	4	32	73	60	543	1,629
3:00am	21	200	886	30	264	943	12	117	525	2	16	55	65	597	2,409
4:00am	23	216	2,356	27	242	2,659	11	109	1,409	4	32	207	65	599	6,631
5:00am	42	400	10,897	44	388	9,933	24	233	10,182	5	41	822	115	1,062	31,834
6:00am	77	724	26,574	87	774	32,573	52	504	26,745	24	186	3,885	240	2,188	89,777
7:00am	99	940	54,040	125	1,116	68,207	71	704	46,819	36	276	11,884	331	3,036	180,950
8:00am	116	1,100	77,623	155	1,390	108,823	76	752	68,299	43	325	25,636	390	3,567	280,381
9:00am	100	948	52,870	127	1,144	74,978	71	688	44,314	40	304	17,721	338	3,084	189,883
10:00am	94	882	32,696	122	1,090	39,127	56	539	26,199	21	157	6,218	293	2,668	104,240
11:00am	87	816	26,696	111	988	28,568	58	550	18,432	16	118	4,085	272	2,472	77,781
12:00pm	84	788	26,419	117	1,042	25,873	54	513	15,344	16	118	3,547	271	2,461	71,183
1:00pm	87	820	28,398	115	1,030	26,075	55	520	14,246	16	118	3,018	273	2,488	71,737
2:00pm	90	844	33,473	108	964	26,181	61	579	17,694	16	118	2,545	275	2,505	79,893
3:00pm	95	900	44,214	123	1,106	32,035	59	565	20,054	20	148	2,890	297	2,719	99,193
4:00pm	117	1,110	49,595	132	1,196	32,086	70	676	19,698	31	233	4,078	350	3,215	105,457
5:00pm	115	1,088	52,745	145	1,314	37,026	79	776	20,676	38	290	6,133	377	3,468	116,580
6:00pm	96	906	40,539	135	1,214	30,717	66	630	14,619	38	290	4,512	335	3,040	90,387
7:00pm	99	934	25,096	118	1,064	18,528	62	598	8,922	29	223	2,073	308	2,819	54,619
8:00pm	80	748	16,440	106	946	11,750	54	524	6,193	23	173	1,065	263	2,391	35,448
9:00pm	60	558	11,634	87	782	8,950	37	374	3,940	20	152	725	204	1,866	25,249
10:00pm	37	344	8,878	73	646	7,674	35	354	3,712	15	113	623	160	1,457	20,887
11:00pm	31	296	4,662	43	384	4,784	26	261	8,604	8	60	264	108	1,001	18,314
TOTAL	1,708	16,102	629,664	2,221	19,888	631,153	1,135	11,022	401,616	469	3,555	102,162	5,533	50,567	1,764,595

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 and Passengers by Sector, Summary - 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	27	264	8,322	35	314	8,183	14	147	5,651	3	23	953	79	748	23,109
1:00am	20	190	2,919	21	188	2,479	12	125	2,001	3	25	462	56	528	7,861
2:00am	16	156	1,236	23	206	1,354	11	113	1,102	3	23	177	53	498	3,869
3:00am	20	194	1,005	25	226	825	9	92	598	3	25	124	57	537	2,552
4:00am	24	232	1,258	23	206	837	10	103	896	3	23	70	60	564	3,061
5:00am	27	260	4,856	42	382	3,535	13	128	2,134	6	48	203	88	818	10,728
6:00am	54	506	18,656	84	754	11,992	40	390	7,114	26	202	866	204	1,852	38,628
7:00am	79	742	38,738	120	1,086	19,591	58	585	10,476	37	283	2,468	294	2,696	71,273
8:00am	114	1,074	45,777	142	1,280	23,810	73	720	12,195	41	309	3,985	370	3,383	85,767
9:00am	127	1,200	29,684	139	1,248	18,419	70	676	8,875	35	263	2,039	371	3,387	59,017
10:00am	94	888	22,927	121	1,076	13,435	55	523	7,625	19	139	1,172	289	2,626	45,159
11:00am	94	886	21,230	116	1,040	14,795	55	528	7,522	16	118	1,231	281	2,572	44,778
12:00pm	91	858	22,513	109	978	18,342	56	531	10,518	16	118	1,575	272	2,485	52,948
1:00pm	81	766	25,249	112	1,000	22,261	56	534	12,778	16	118	1,997	265	2,418	62,285
2:00pm	96	894	33,789	117	1,050	29,414	60	568	19,137	16	118	2,909	289	2,630	85,249
3:00pm	88	828	45,228	112	1,002	43,322	62	593	31,426	22	166	5,987	284	2,589	125,963
4:00pm	96	912	51,231	133	1,200	64,287	66	640	42,452	36	276	11,863	331	3,028	169,833
5:00pm	120	1,142	74,008	150	1,354	91,392	87	850	59,963	39	297	21,150	396	3,643	246,513
6:00pm	112	1,062	57,309	134	1,204	76,383	69	670	47,457	39	297	15,569	354	3,233	196,718
7:00pm	101	952	38,297	123	1,104	47,234	64	616	30,422	29	223	8,280	317	2,895	124,233
8:00pm	89	838	27,415	114	1,020	34,695	52	499	22,066	22	166	6,198	277	2,523	90,374
9:00pm	77	734	22,145	91	812	25,993	49	479	15,307	18	136	4,408	235	2,161	67,853
10:00pm	55	528	19,279	58	512	18,800	30	313	14,835	16	120	3,326	159	1,473	56,240
11:00pm	38	370	15,285	41	372	12,845	22	231	9,578	7	55	2,171	108	1,028	39,879
TOTAL	1,740	16,476	628,356	2,185	19,614	604,223	1,093	10,654	382,128	471	3,571	99,183	5,489	50,315	1,713,890

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 and Passengers by Sector,
MTA NYC Transit Summary - 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	25	234	1,775	39	342	2,134	19	190	3,923	83	766	7,832
1:00am	16	150	639	25	224	873	15	149	686	56	523	2,198
2:00am	17	156	519	27	238	656	12	117	381	56	511	1,556
3:00am	21	200	886	30	264	943	12	117	525	63	581	2,354
4:00am	23	216	2,356	27	242	2,659	11	109	1,409	61	567	6,424
5:00am	42	400	10,897	44	388	9,933	24	233	10,182	110	1,021	31,012
6:00am	77	724	26,574	87	774	32,573	52	504	26,745	216	2,002	85,892
7:00am	99	940	54,040	125	1,116	68,207	71	704	46,819	295	2,760	169,066
8:00am	116	1,100	77,623	155	1,390	108,823	76	752	68,299	347	3,242	254,745
9:00am	100	948	52,870	127	1,144	74,978	71	688	44,314	298	2,780	172,162
10:00am	94	882	32,696	122	1,090	39,127	56	539	26,199	272	2,511	98,022
11:00am	87	816	26,696	111	988	28,568	58	550	18,432	256	2,354	73,696
12:00pm	84	788	26,419	117	1,042	25,873	54	513	15,344	255	2,343	67,636
1:00pm	87	820	28,398	115	1,030	26,075	55	520	14,246	257	2,370	68,719
2:00pm	90	844	33,473	108	964	26,181	61	579	17,694	259	2,387	77,348
3:00pm	95	900	44,214	123	1,106	32,035	59	565	20,054	277	2,571	96,303
4:00pm	117	1,110	49,595	132	1,196	32,086	70	676	19,698	319	2,982	101,379
5:00pm	115	1,088	52,745	145	1,314	37,026	79	776	20,676	339	3,178	110,447
6:00pm	96	906	40,539	135	1,214	30,717	66	630	14,619	297	2,750	85,875
7:00pm	99	934	25,096	118	1,064	18,528	62	598	8,922	279	2,596	52,546
8:00pm	80	748	16,440	106	946	11,750	54	524	6,193	240	2,218	34,383
9:00pm	60	558	11,634	87	782	8,950	37	374	3,940	184	1,714	24,524
10:00pm	37	344	8,878	73	646	7,674	35	354	3,712	145	1,344	20,264
11:00pm	31	296	4,662	43	384	4,784	26	261	8,604	100	941	18,050
TOTAL	1,708	16,102	629,664	2,221	19,888	631,153	1,135	11,022	401,616	5,064	47,012	1,662,433

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 and Passengers by Sector, MTA NYC Transit Summary - Outbound

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	27	264	8,322	35	314	8,183	14	147	5,651	76	725	22,156
1:00am	20	190	2,919	21	188	2,479	12	125	2,001	53	503	7,399
2:00am	16	156	1,236	23	206	1,354	11	113	1,102	50	475	3,692
3:00am	20	194	1,005	25	226	825	9	92	598	54	512	2,428
4:00am	24	232	1,258	23	206	837	10	103	896	57	541	2,991
5:00am	27	260	4,856	42	382	3,535	13	128	2,134	82	770	10,525
6:00am	54	506	18,656	84	754	11,992	40	390	7,114	178	1,650	37,762
7:00am	79	742	38,738	120	1,086	19,591	58	585	10,476	257	2,413	68,805
8:00am	114	1,074	45,777	142	1,280	23,810	73	720	12,195	329	3,074	81,782
9:00am	127	1,200	29,684	139	1,248	18,419	70	676	8,875	336	3,124	56,978
10:00am	94	888	22,927	121	1,076	13,435	55	523	7,625	270	2,487	43,987
11:00am	94	886	21,230	116	1,040	14,795	55	528	7,522	265	2,454	43,547
12:00pm	91	858	22,513	109	978	18,342	56	531	10,518	256	2,367	51,373
1:00pm	81	766	25,249	112	1,000	22,261	56	534	12,778	249	2,300	60,288
2:00pm	96	894	33,789	117	1,050	29,414	60	568	19,137	273	2,512	82,340
3:00pm	88	828	45,228	112	1,002	43,322	62	593	31,426	262	2,423	119,976
4:00pm	96	912	51,231	133	1,200	64,287	66	640	42,452	295	2,752	157,970
5:00pm	120	1,142	74,008	150	1,354	91,392	87	850	59,963	357	3,346	225,363
6:00pm	112	1,062	57,309	134	1,204	76,383	69	670	47,457	315	2,936	181,149
7:00pm	101	952	38,297	123	1,104	47,234	64	616	30,422	288	2,672	115,953
8:00pm	89	838	27,415	114	1,020	34,695	52	499	22,066	255	2,357	84,176
9:00pm	77	734	22,145	91	812	25,993	49	479	15,307	217	2,025	63,445
10:00pm	55	528	19,279	58	512	18,800	30	313	14,835	143	1,353	52,914
11:00pm	38	370	15,285	41	372	12,845	22	231	9,578	101	973	37,708
TOTAL	1,740	16,476	628,356	2,185	19,614	604,223	1,093	10,654	382,128	5,018	46,744	1,614,707

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 and Passengers by Sector, 60th Street Sector - 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	3	30	258	0	0	0	4	32	288	4	32	162	4	40	262	4	40	166	6	60	639	25	234	1,775
1:00am	3	30	115	0	0	0	3	24	84	2	16	38	3	30	132	0	0	0	5	50	270	16	150	639
2:00am	3	30	98	0	0	0	3	24	57	4	32	107	2	20	43	0	0	0	5	50	214	17	156	519
3:00am	3	30	218	0	0	0	2	16	30	3	24	205	4	40	209	3	30	20	6	60	204	21	200	886
4:00am	4	40	797	0	0	0	4	32	82	3	24	552	3	30	397	2	20	39	7	70	489	23	216	2,356
5:00am	7	70	2,935	5	50	1,532	4	32	311	7	62	3,172	3	26	242	9	90	1,498	7	70	1,207	42	400	10,897
6:00am	17	170	8,435	10	100	3,215	6	48	1,127	12	110	6,099	12	96	1,303	13	130	3,655	7	70	2,740	77	724	26,574
7:00am	23	230	14,229	13	130	5,518	7	56	4,120	14	126	11,765	11	88	2,775	18	180	9,255	13	130	6,378	99	940	54,040
8:00am	22	220	15,073	18	180	8,864	9	72	7,208	18	164	14,786	13	104	6,970	19	190	15,092	17	170	9,630	116	1,100	77,623
9:00am	17	170	8,259	17	170	7,975	8	64	5,822	17	156	9,316	11	88	3,277	17	170	11,009	13	130	7,212	100	948	52,870
10:00am	15	150	6,729	12	120	3,933	8	64	3,417	16	144	5,830	13	104	2,469	18	180	6,077	12	120	4,241	94	882	32,696
11:00am	14	140	5,289	15	150	3,500	7	56	2,613	13	116	4,289	13	104	2,183	15	150	4,816	10	100	4,006	87	816	26,696
12:00pm	15	150	5,066	14	140	3,421	7	56	2,713	15	134	4,925	11	88	2,255	13	130	4,070	9	90	3,969	84	788	26,419
1:00pm	16	160	5,539	13	130	3,975	7	56	2,356	13	118	4,927	12	96	2,579	16	160	5,429	10	100	3,593	87	820	28,398
2:00pm	17	170	6,680	12	120	4,379	11	88	3,724	14	128	5,666	11	88	2,967	15	150	5,528	10	100	4,529	90	844	33,473
3:00pm	20	200	7,770	16	160	8,136	5	40	3,370	16	144	6,914	12	96	4,332	15	150	7,419	11	110	6,273	95	900	44,214
4:00pm	24	240	8,755	18	180	8,416	9	72	4,782	21	194	6,796	13	104	5,199	17	170	8,228	15	150	7,419	117	1,110	49,595
5:00pm	20	200	8,334	17	170	9,085	9	72	5,660	22	204	7,852	14	112	5,203	18	180	9,221	15	150	7,390	115	1,088	52,745
6:00pm	15	150	5,403	14	140	6,110	9	72	4,992	16	148	5,446	12	96	3,922	16	160	7,747	14	140	6,919	96	906	40,539
7:00pm	17	170	3,216	13	130	4,494	7	56	3,321	18	164	3,271	13	104	2,070	17	170	4,795	14	140	3,929	99	934	25,096
8:00pm	10	100	1,781	12	120	3,356	7	56	1,884	16	144	2,080	11	88	1,137	15	150	3,437	9	90	2,765	80	748	16,440
9:00pm	7	70	1,244	9	90	1,771	7	56	1,419	13	116	1,683	7	56	736	9	90	2,067	8	80	2,714	60	558	11,634
10:00pm	6	60	1,184	0	0	0	6	48	1,109	6	52	981	6	54	813	8	80	2,689	5	50	2,102	37	344	8,878
11:00pm	5	50	841	0	0	0	4	32	616	3	24	348	6	60	691	9	90	1,091	4	40	1,075	31	296	4,662
TOTAL	303	3,030	118,248	228	2,280	87,680	153	1,224	61,105	286	2,576	107,210	220	1,812	52,166	286	2,860	113,348	232	2,320	89,907	1,708	16,102	629,664

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 and Passengers by Sector, 60th Street Sector - Outbound

HOURS	59TH ST./LEXINGTON AVE			LEXINGTON AVE LOCAL			2ND AVENUE LOCAL			8TH AVE EXPR/LOCAL			8TH AVENUE LOCAL			TIMES SQUARE			59TH ST./COLUMBUS			TOTAL		
	VIA 4 EXPRESS & LOCAL* & 5 EXPRESS			59TH ST./LEXINGTON AVE VIA 6 (Local)			57TH ST./7TH AVE VIA Q, W LINES (Local)			59TH ST./COLUMBUS CIR. VIA A (Exp./Loc), D (Express)			59TH ST./COLUMBUS CIR. VIA B, C LINES (Local)			EXPRESS VIA 2, 3,LINES			CIRCLE VIA 2*, 1 LINES - Local			60TH STREET SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	1,629	6	60	1,452	0	0	0	7	64	2,879	0	0	0	6	60	1,491	4	40	871	27	264	8,322
1:00am	3	30	665	4	40	376	0	0	0	7	60	1,131	0	0	0	0	0	0	6	60	747	20	190	2,919
2:00am	3	30	252	3	30	182	0	0	0	5	46	496	0	0	0	0	0	0	5	50	306	16	156	1,236
3:00am	3	30	182	3	30	183	0	0	0	5	44	242	0	0	0	4	40	77	5	50	321	20	194	1,005
4:00am	3	30	289	3	30	205	0	0	0	9	82	419	0	0	0	3	30	27	6	60	318	24	232	1,258
5:00am	4	40	884	4	40	879	3	24	523	5	46	857	0	0	0	3	30	115	8	80	1,598	27	260	4,856
6:00am	11	110	4,406	6	60	3,207	6	48	2,496	12	108	3,020	5	40	643	8	80	2,589	6	60	2,295	54	506	18,656
7:00am	15	150	7,806	12	120	7,985	8	64	3,967	14	130	4,096	11	88	3,430	12	120	6,505	7	70	4,949	79	742	38,738
8:00am	22	220	8,659	16	160	8,542	10	80	6,031	23	212	5,422	14	112	3,988	16	160	7,271	13	130	5,864	114	1,074	45,777
9:00am	23	230	5,279	19	190	5,329	9	72	3,246	24	220	3,639	16	128	2,557	17	170	5,145	19	190	4,489	127	1,200	29,684
10:00am	19	190	3,615	16	160	4,314	7	56	2,484	15	134	2,926	11	88	2,547	15	150	3,729	11	110	3,312	94	888	22,927
11:00am	17	170	3,579	14	140	3,929	8	64	1,745	14	128	2,616	13	104	2,239	15	150	3,503	13	130	3,619	94	886	21,230
12:00pm	16	160	4,112	15	150	3,372	6	48	2,028	15	136	3,201	13	104	2,683	17	170	4,113	9	90	3,004	91	858	22,513
1:00pm	13	130	4,311	15	150	3,715	9	72	2,605	9	84	3,274	10	80	2,469	15	150	4,904	10	100	3,971	81	766	25,249
2:00pm	17	170	7,203	14	140	4,766	8	64	3,103	18	160	5,109	15	120	3,206	14	140	5,485	10	100	4,917	96	894	33,789
3:00pm	16	160	10,385	14	140	6,686	6	48	3,154	16	144	7,653	12	96	3,729	13	130	6,585	11	110	7,036	88	828	45,228
4:00pm	17	170	10,516	16	160	7,703	8	64	3,276	15	138	9,687	10	80	3,756	18	180	9,004	12	120	7,289	96	912	51,231
5:00pm	27	270	15,950	19	190	9,662	9	72	7,409	17	154	11,972	12	96	5,804	22	220	14,155	14	140	9,056	120	1,142	74,008
6:00pm	25	250	11,158	16	160	7,200	9	72	7,210	16	144	8,874	12	96	4,463	18	180	10,477	16	160	7,927	112	1,062	57,309
7:00pm	16	160	6,315	15	150	4,780	8	64	4,099	18	164	6,740	13	104	2,968	17	170	8,175	14	140	5,220	101	952	38,297
8:00pm	15	150	4,903	11	110	3,091	7	56	2,700	14	128	5,075	13	104	2,191	17	170	5,711	12	120	3,744	89	838	27,415
9:00pm	17	170	4,110	13	130	2,596	6	48	2,097	12	110	4,507	7	56	1,719	13	130	3,703	9	90	3,413	77	734	22,145
10:00pm	10	100	2,922	8	80	2,277	0	0	0	11	100	5,822	6	48	2,007	13	130	3,360	7	70	2,891	55	528	19,279
11:00pm	6	60	2,759	8	80	3,079	0	0	0	9	82	4,891	1	8	341	9	90	2,428	5	50	1,787	38	370	15,285
TOTAL	322	3,220	121,889	270	2,700	95,510	127	1,016	58,173	310	2,818	104,548	194	1,552	50,740	285	2,850	108,552	232	2,320	88,944	1,740	16,476	628,356

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 and Passengers by Sector,
Brooklyn Sector - Inbound

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MANHATTAN BRIDGE		
	BEDFORD AVENUE L LINE (LOCAL)			MARCY AVENUE J, Z, M LINES (LOCAL)			YORK AVENUE F LINE (LOCAL)			VIA DEKALB AVENUE B,D,N,Q LINES (LOCAL)			VIA PACIFIC STREET D, N LINES (EXPRESS)		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	48	685	3	24	161	4	40	212	9	72	317	0	0	0
1:00am	3	24	228	3	24	116	3	30	103	5	40	101	0	0	0
2:00am	3	24	161	3	24	53	3	30	83	6	48	127	0	0	0
3:00am	3	24	120	3	24	68	3	30	72	9	72	313	0	0	0
4:00am	3	24	337	3	24	246	3	30	298	5	40	560	0	0	0
5:00am	6	48	2,049	6	48	1,073	4	40	646	9	72	2,647	0	0	0
6:00am	10	80	5,466	10	80	2,353	6	60	1,962	12	96	5,521	11	88	4,855
7:00am	14	112	11,302	14	112	5,834	9	90	4,124	16	128	10,757	16	128	9,007
8:00am	19	152	18,727	20	160	10,767	10	100	7,312	17	136	14,720	19	152	15,410
9:00am	14	112	13,790	16	128	7,072	11	110	5,721	14	112	10,766	13	104	7,692
10:00am	16	128	6,985	13	104	3,172	7	70	2,647	14	112	5,764	15	120	5,624
11:00am	14	112	5,388	16	128	2,696	9	90	2,410	10	80	3,169	14	112	4,023
12:00pm	13	104	4,334	15	120	2,218	8	80	2,197	14	112	3,461	15	120	3,364
1:00pm	12	96	4,656	14	112	2,262	9	90	2,050	14	112	3,048	13	104	3,469
2:00pm	12	96	4,991	14	112	2,348	8	80	2,463	11	88	3,035	14	112	3,308
3:00pm	12	96	5,186	15	120	2,546	11	110	2,915	14	112	4,336	15	120	4,029
4:00pm	13	104	5,239	16	128	2,367	13	130	3,831	12	96	3,661	15	120	4,181
5:00pm	16	128	5,881	16	128	2,537	17	170	4,802	14	112	4,638	16	128	4,752
6:00pm	17	136	5,681	15	120	2,409	11	110	4,398	14	112	3,696	15	120	3,046
7:00pm	16	128	4,099	12	96	1,396	11	110	2,329	23	184	3,089	0	0	0
8:00pm	15	120	2,415	12	96	761	5	50	920	24	192	2,135	0	0	0
9:00pm	14	112	2,179	11	88	507	10	100	1,175	11	88	1,013	0	0	0
10:00pm	12	96	2,156	11	88	451	7	70	904	12	96	948	0	0	0
11:00pm	5	40	1,201	7	56	315	5	50	696	7	56	654	0	0	0
TOTAL	268	2,144	113,256	268	2,144	53,728	187	1,870	54,270	296	2,368	88,476	191	1,528	72,760

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 and Passengers by Sector, Brooklyn Sector - Inbound (Cont'd)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			MONTAGUE ST. TUNNEL			JORALEMON ST. TUNNEL			TOTAL		
	VIA HIGH STREET A, C LINES (LOCAL)			VIA CLARK STREET 2,3 LINES (LOCAL)			VIA COURT STREET N, R LINES (LOCAL)			VIA BOROUGH HALL 4, 5 LINES (LOCAL)			BROOKLYN SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	361	3	30	130	6	48	0	4	40	268	39	342	2,134
1:00am	3	30	133	2	20	56	2	16	0	4	40	136	25	224	873
2:00am	3	30	86	2	20	44	4	32	0	3	30	102	27	238	656
3:00am	2	20	113	4	40	118	3	24	0	3	30	139	30	264	943
4:00am	5	50	601	2	20	188	3	24	0	3	30	429	27	242	2,659
5:00am	3	30	967	4	40	787	8	70	386	4	40	1,378	44	388	9,933
6:00am	12	110	4,963	9	90	2,475	6	60	637	11	110	4,341	87	774	32,573
7:00am	18	166	10,707	12	120	5,903	8	80	1,842	18	180	8,731	125	1,116	68,207
8:00am	22	210	18,892	17	170	8,174	10	100	4,026	21	210	10,795	155	1,390	108,823
9:00am	16	148	12,882	19	190	7,609	6	60	2,316	18	180	7,130	127	1,144	74,978
10:00am	15	136	6,437	15	150	3,221	7	70	846	20	200	4,431	122	1,090	39,127
11:00am	14	126	4,824	13	130	2,259	7	70	558	14	140	3,241	111	988	28,568
12:00pm	14	126	4,589	15	150	2,133	8	80	487	15	150	3,090	117	1,042	25,873
1:00pm	13	116	4,482	16	160	2,327	8	80	532	16	160	3,249	115	1,030	26,075
2:00pm	15	136	4,224	13	130	2,141	7	70	483	14	140	3,188	108	964	26,181
3:00pm	15	138	5,439	16	160	2,957	7	70	683	18	180	3,944	123	1,106	32,035
4:00pm	14	128	5,030	18	180	3,224	10	100	855	21	210	3,698	132	1,196	32,086
5:00pm	14	128	6,073	21	210	4,124	8	80	1,022	23	230	3,197	145	1,314	37,026
6:00pm	17	156	5,133	18	180	2,727	8	80	533	20	200	3,094	135	1,214	30,717
7:00pm	16	146	3,204	17	170	1,967	6	60	392	17	170	2,052	118	1,064	18,528
8:00pm	14	128	2,438	15	150	1,316	5	50	296	16	160	1,469	106	946	11,750
9:00pm	13	118	1,976	14	140	1,120	5	46	105	9	90	875	87	782	8,950
10:00pm	10	92	1,467	12	120	969	3	24	0	6	60	779	73	646	7,674
11:00pm	4	40	727	6	60	593	4	32	0	5	50	598	43	384	4,784
TOTAL	276	2,548	105,748	283	2,830	56,562	149	1,426	15,999	303	3,030	70,354	2,221	19,888	631,153

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 and Passengers by Sector, Brooklyn Sector - Outbound

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MONTAGUE ST.TUNNEL		
	VIA FIRST AVENUE L LINE (LOCAL)			VIA ESSEX STREET J, Z, M LINES (LOCAL)			VIA EAST BROADWAY F LINE (LOCAL)			VIA GRAND ST(B ,D) LOCAL VIA CANAL ST(N,Q) LOCAL			VIA WHITEHALL STREET N*, R LINES		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	48	1,820	4	32	933	5	50	1,336	0	0	0	0	0	0
1:00am	3	24	443	3	24	378	3	30	266	0	0	0	0	0	0
2:00am	3	24	326	3	24	144	3	30	130	0	0	0	0	0	0
3:00am	3	24	218	3	24	69	3	30	68	0	0	0	0	0	0
4:00am	3	24	193	3	24	57	3	30	103	0	0	0	0	0	0
5:00am	5	40	686	3	24	110	4	40	320	3	24	376	4	36	94
6:00am	9	72	1,517	10	80	816	7	70	1,029	10	80	1,416	5	50	429
7:00am	12	96	2,552	12	96	1,195	11	110	1,974	13	104	2,249	6	60	721
8:00am	19	152	3,229	19	152	1,450	15	150	3,073	12	96	3,099	8	76	984
9:00am	17	136	2,711	17	136	953	11	110	2,505	15	120	2,317	9	90	861
10:00am	16	128	2,344	15	120	797	9	90	1,862	15	120	1,623	8	80	390
11:00am	14	112	2,818	15	120	952	8	80	1,578	10	80	1,637	7	70	376
12:00pm	13	104	3,418	13	104	1,187	9	90	1,905	10	80	2,252	8	80	618
1:00pm	12	96	3,974	15	120	1,596	7	70	1,541	13	104	3,248	7	70	647
2:00pm	12	96	5,744	15	120	2,171	9	90	2,419	13	104	3,642	8	80	1,184
3:00pm	12	96	7,980	14	112	3,507	7	70	2,888	12	96	5,560	8	80	1,703
4:00pm	13	104	11,098	16	128	4,907	9	90	4,578	14	112	9,505	7	70	2,278
5:00pm	16	128	17,070	16	128	6,941	13	130	6,766	17	136	12,123	10	100	3,612
6:00pm	17	136	15,323	16	128	5,985	12	120	5,972	16	128	11,563	8	80	2,638
7:00pm	15	120	10,151	12	96	3,585	12	120	4,305	13	104	6,611	6	60	1,040
8:00pm	16	128	7,552	11	88	2,713	10	100	3,087	14	112	5,789	6	60	629
9:00pm	14	112	5,504	12	96	1,985	9	90	2,489	7	56	3,112	6	60	538
10:00pm	12	96	4,979	12	96	2,071	5	50	1,764	0	0	0	0	0	0
11:00pm	8	64	3,482	6	48	1,467	6	60	1,391	0	0	0	0	0	0
TOTAL	270	2,160	115,132	265	2,120	45,969	190	1,900	53,349	207	1,656	76,122	121	1,202	18,742

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.
- Due to service changes for outbound Q trains from midnight to 5 AM, it was re-routed through Manhattan Bridge with B and D lines instead of through Canal Street.
- * Indicates service that changes from express to local during the overnight hours.

SECTION B

Subway and Passengers by Sector, Brooklyn Sector - 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	4	40	1,042	4	40	745	4	40	963	8	64	1,344	35	314	8,183
1:00am	3	30	454	1	10	132	3	30	288	5	40	518	21	188	2,479
2:00am	3	30	257	2	20	110	3	30	118	6	48	269	23	206	1,354
3:00am	4	40	156	3	30	77	3	30	72	6	48	165	25	226	825
4:00am	2	20	100	3	30	79	3	30	105	6	48	200	23	206	837
5:00am	5	48	650	7	70	357	6	60	579	5	40	363	42	382	3,535
6:00am	9	82	1,891	10	100	855	14	140	2,306	10	80	1,733	84	754	11,992
7:00am	14	128	3,442	17	170	1,630	21	210	3,170	14	112	2,658	120	1,086	19,591
8:00am	15	138	3,919	21	210	2,147	21	210	3,406	12	96	2,503	142	1,280	23,810
9:00am	15	138	3,207	18	180	2,000	21	210	1,519	16	128	2,346	139	1,248	18,419
10:00am	17	156	2,331	13	130	1,131	14	140	1,440	14	112	1,517	121	1,076	13,435
11:00am	15	134	2,469	18	180	1,300	16	160	1,575	13	104	2,090	116	1,040	14,795
12:00pm	15	136	2,890	14	140	1,505	14	140	1,721	13	104	2,846	109	978	18,342
1:00pm	13	118	3,920	15	150	1,706	16	160	2,232	14	112	3,397	112	1,000	22,261
2:00pm	13	118	4,661	16	160	2,244	17	170	2,754	14	112	4,595	117	1,050	29,414
3:00pm	16	146	7,983	14	140	3,575	15	150	3,375	14	112	6,751	112	1,002	43,322
4:00pm	17	158	10,607	16	160	5,042	25	250	5,800	16	128	10,472	133	1,200	64,287
5:00pm	20	188	15,733	18	180	7,349	22	220	7,647	18	144	14,151	150	1,354	91,392
6:00pm	18	168	13,111	17	170	6,661	17	170	6,517	13	104	8,613	134	1,204	76,383
7:00pm	16	146	7,146	17	170	3,741	16	160	4,425	16	128	6,230	123	1,104	47,234
8:00pm	17	156	5,283	15	150	2,868	13	130	2,556	12	96	4,218	114	1,020	34,695
9:00pm	12	108	4,612	13	130	2,395	8	80	1,913	10	80	3,445	91	812	25,993
10:00pm	10	90	4,506	8	80	2,179	6	60	1,301	5	40	2,000	58	512	18,800
11:00pm	6	60	2,323	5	50	1,388	5	50	1,385	5	40	1,409	41	372	12,845
TOTAL	279	2,576	102,693	285	2,850	51,216	303	3,030	57,167	265	2,120	83,833	2,185	19,614	604,223

Notes:

- See note on page III-0.
- Due to rounding, numbers presented throughout this table may not add up precisely to the totals provided by the data sources.
- Due to service changes for outbound Q trains from midnight to 5 AM, it was re-routed through Manhattan Bridge with B and D lines instead of through Canal Street.

SECTION B
Subway and Passengers by Sector,
Queens Sector - Inbound

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA QUEENSBORO PLAZA & QUEENS PLAZA			VIA 23RD STREET/ELY AVE			VIA VERNON AVE/JACKSON AVE			VIA 63RD ST/LEXINGTON AVE			QUEENS SECTOR		
	N, Q, R LINES			E, M LINES			7 LINE			F LINE					
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	32	0	3	30	274	8	88	3,358	4	40	291	19	190	3,923
1:00am	3	24	0	4	40	278	5	55	339	3	30	69	15	149	686
2:00am	3	24	0	3	30	121	3	33	186	3	30	74	12	117	381
3:00am	3	24	0	3	30	201	3	33	197	3	30	127	12	117	525
4:00am	2	16	0	3	30	576	3	33	393	3	30	440	11	109	1409
5:00am	7	60	2,202	6	56	2,979	7	77	3,346	4	40	1,655	24	233	10,182
6:00am	17	152	7,623	14	130	9,410	12	132	4,795	9	90	4,917	52	504	26,745
7:00am	14	128	10,505	22	204	17,999	22	242	9,123	13	130	9,192	71	704	46,819
8:00am	14	126	15,652	23	212	22,621	24	264	13,915	15	150	16,111	76	752	68,299
9:00am	22	192	11,934	18	164	14,628	22	242	10,433	9	90	7,319	71	688	44,314
10:00am	18	158	7,202	16	148	8,688	13	143	4,115	9	90	6,194	56	539	26,199
11:00am	21	184	5,642	17	154	6,208	12	132	2,511	8	80	4,071	58	550	18,432
12:00pm	20	174	4,196	14	128	5,178	11	121	2,039	9	90	3,931	54	513	15,344
1:00pm	22	192	4,835	14	126	4,190	12	132	2,100	7	70	3,121	55	520	14,246
2:00pm	22	192	4,612	17	154	6,044	13	143	2,781	9	90	4,257	61	579	17,694
3:00pm	19	164	4,539	19	178	7,688	13	143	4,127	8	80	3,700	59	565	20,054
4:00pm	22	196	4,841	22	204	7,092	16	176	4,286	10	100	3,479	70	676	19,698
5:00pm	22	194	5,679	19	176	6,135	26	286	4,777	12	120	4,085	79	776	20,676
6:00pm	20	172	3,413	20	184	5,571	14	154	3,271	12	120	2,364	66	630	14,619
7:00pm	18	158	2,103	19	176	3,271	14	154	1,908	11	110	1,640	62	598	8,922
8:00pm	17	148	1,656	12	112	1,998	14	154	1,376	11	110	1,163	54	524	6,193
9:00pm	8	70	647	8	80	486	14	154	1,579	7	70	1,228	37	374	3,940
10:00pm	12	110	720	3	30	232	14	154	1,882	6	60	878	35	354	3,712
11:00pm	6	50	126	4	40	731	11	121	6,880	5	50	867	26	261	8,604
TOTAL	336	2,940	98,127	303	2,816	132,599	306	3,366	89,717	190	1,900	81,173	1,135	11,022	401,616

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 and Passengers by Sector, Queens Sector - Outbound

HOURS	60TH STREET TUNNEL			53RD STREET TUNNEL			STEINWAY ST. TUNNEL			63RD STREET TUNNEL			TOTAL		
	VIA LEXINGTON AVE N, R, Q LINES			VIA LEXINGTON AVE E, M LINES			VIA GRAND CENTRAL 7 LINE			VIA 57TH ST/6TH AVE F LINE			QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	0	0	0	3	30	1040	7	77	3,700	4	40	911	14	147	5,651
1:00am	0	0	0	3	30	552	5	55	1,086	4	40	363	12	125	2,001
2:00am	0	0	0	5	50	392	3	33	532	3	30	178	11	113	1102
3:00am	0	0	0	4	40	256	2	22	235	3	30	107	9	92	598
4:00am	0	0	0	3	30	199	3	33	455	4	40	242	10	103	896
5:00am	2	16	242	4	38	642	4	44	1,053	3	30	197	13	128	2,134
6:00am	10	86	1,357	10	90	2,205	14	154	2,205	6	60	1,347	40	390	7,114
7:00am	8	72	721	16	148	4,712	25	275	3,615	9	90	1,428	58	585	10,476
8:00am	19	170	2,437	21	196	4,959	24	264	3,349	9	90	1,450	73	720	12,195
9:00am	20	176	2,058	21	192	3,296	18	198	2,415	11	110	1,106	70	676	8,875
10:00am	18	154	1,779	17	156	2,750	13	143	2,028	7	70	1,068	55	523	7,625
11:00am	20	178	2,711	15	138	1,703	12	132	1,782	8	80	1,326	55	528	7,522
12:00pm	20	174	3,229	16	146	2,591	11	121	2,835	9	90	1,863	56	531	10,518
1:00pm	20	174	3,025	15	138	4,548	12	132	3,196	9	90	2,009	56	534	12,778
2:00pm	22	192	4,798	16	144	6,220	12	132	4,835	10	100	3,284	60	568	19,137
3:00pm	19	164	7,168	18	164	12,299	15	165	7,374	10	100	4,585	62	593	31,426
4:00pm	21	186	10,252	18	168	15,497	16	176	10,940	11	110	5,763	66	640	42,452
5:00pm	22	194	13,379	24	222	22,901	24	264	14,786	17	170	8,897	87	850	59,963
6:00pm	22	194	13,046	17	158	14,884	18	198	10,687	12	120	8,840	69	670	47,457
7:00pm	19	166	6,809	19	176	10,640	14	154	7,497	12	120	5,476	64	616	30,422
8:00pm	15	130	4,555	19	178	9,394	11	121	5,457	7	70	2,660	52	499	22,066
9:00pm	16	140	3,207	7	64	3,513	15	165	5,322	11	110	3,265	49	479	15,307
10:00pm	0	0	0	10	100	5425	13	143	7,245	7	70	2,165	30	313	14,835
11:00pm	0	0	0	5	50	2927	11	121	4,923	6	60	1,728	22	231	9,578
TOTAL	293	2,566	80,773	306	2,846	133,545	302	3,322	107,552	192	1,920	60,258	1,093	10,654	382,128

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 and Passengers by Line,
New Jersey Sector - Inbound

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	9	43	1	7	19	2	16	62
1:00am	1	9	19	1	7	22	2	16	41
2:00am	2	18	44	2	14	29	4	32	73
3:00am	1	9	34	1	7	21	2	16	55
4:00am	2	18	159	2	14	48	4	32	207
5:00am	3	27	559	2	14	263	5	41	822
6:00am	13	109	2,289	11	77	1,596	24	186	3,885
7:00am	18	150	7,330	18	126	4,554	36	276	11,884
8:00am	20	164	14,216	23	161	11,420	43	325	25,636
9:00am	19	157	8,780	21	147	8,941	40	304	17,721
10:00am	9	73	2,648	12	84	3,570	21	157	6,218
11:00am	7	55	1,757	9	63	2,328	16	118	4,085
12:00pm	7	55	1,618	9	63	1,929	16	118	3,547
1:00pm	7	55	1,355	9	63	1,663	16	118	3,018
2:00pm	7	55	1,133	9	63	1,412	16	118	2,545
3:00pm	9	71	1,424	11	77	1,466	20	148	2,890
4:00pm	14	114	1,864	17	119	2,214	31	233	4,078
5:00pm	19	157	2,783	19	133	3,350	38	290	6,133
6:00pm	19	157	1,814	19	133	2,698	38	290	4,512
7:00pm	15	125	841	14	98	1,232	29	223	2,073
8:00pm	11	89	494	12	84	571	23	173	1,065
9:00pm	11	89	381	9	63	344	20	152	725
10:00pm	8	64	382	7	49	241	15	113	623
11:00pm	4	32	105	4	28	159	8	60	264
TOTAL	227	1,861	52,072	242	1,694	50,090	469	3,555	102,162

New Jersey Sector - Outbound

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	9	353	2	14	600	3	23	953
1:00am	2	18	318	1	7	144	3	25	462
2:00am	1	9	39	2	14	138	3	23	177
3:00am	2	18	84	1	7	40	3	25	124
4:00am	1	9	22	2	14	48	3	23	70
5:00am	4	34	144	2	14	59	6	48	203
6:00am	16	132	530	10	70	336	26	202	866
7:00am	18	150	1,276	19	133	1,192	37	283	2,468
8:00am	19	155	2,048	22	154	1,937	41	309	3,985
9:00am	15	123	1,062	20	140	977	35	263	2,039
10:00am	7	55	581	12	84	591	19	139	1,172
11:00am	7	55	633	9	63	598	16	118	1,231
12:00pm	7	55	789	9	63	786	16	118	1,575
1:00pm	7	55	956	9	63	1,041	16	118	1,997
2:00pm	7	55	1,481	9	63	1,428	16	118	2,909
3:00pm	10	82	3,466	12	84	2,521	22	166	5,987
4:00pm	19	157	7,073	17	119	4,790	36	276	11,863
5:00pm	20	164	11,850	19	133	9,300	39	297	21,150
6:00pm	19	157	7,934	20	140	7,635	39	297	15,569
7:00pm	15	125	4,127	14	98	4,153	29	223	8,280
8:00pm	11	89	2,809	11	77	3,389	22	166	6,198
9:00pm	9	73	1,734	9	63	2,674	18	136	4,408
10:00pm	8	64	1,290	8	56	2,036	16	120	3,326
11:00pm	3	27	949	4	28	1,222	7	55	2,171
TOTAL	228	1,870	51,548	243	1,701	47,635	471	3,571	99,183

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 and Passengers by Sector, Summary - 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	32	140	9	80	480	4	33	687	18	145	1,307
1:00am	5	39	59	12	118	506	3	26	667	20	183	1,232
2:00am	2	14	24	4	36	135	1	8	146	7	58	305
3:00am	0	0	0	3	28	184	0	0	0	3	28	184
4:00am	0	0	0	3	26	291	0	0	0	3	26	291
5:00am	6	40	1,464	8	76	3,133	6	53	2,541	20	169	7,138
6:00am	17	113	4,957	23	194	10,568	10	85	5,716	50	392	21,241
7:00am	36	251	14,359	34	310	18,431	17	141	12,756	87	702	45,546
8:00am	47	350	25,649	36	338	26,565	25	215	20,180	108	903	72,394
9:00am	32	216	12,780	23	198	11,661	15	115	10,041	70	529	34,482
10:00am	15	102	4,892	13	120	5,609	12	87	5,571	40	309	16,072
11:00am	9	65	3,238	15	135	4,407	9	67	3,423	33	267	11,068
12:00pm	9	70	2,613	15	139	3,343	9	74	3,576	33	283	9,532
1:00pm	9	69	2,054	13	124	2,358	9	71	2,943	31	264	7,355
2:00pm	11	82	2,211	13	113	2,741	9	74	3,491	33	269	8,443
3:00pm	10	69	1,942	13	113	2,723	8	59	3,175	31	241	7,840
4:00pm	13	84	2,779	16	146	4,040	8	64	3,466	37	294	10,285
5:00pm	16	112	3,658	15	126	4,474	11	89	4,693	42	327	12,825
6:00pm	14	95	3,126	18	170	6,451	11	88	3,768	43	353	13,345
7:00pm	13	93	1,670	13	126	3,626	9	73	3,929	35	292	9,225
8:00pm	9	59	896	15	121	1,497	8	59	2,561	32	239	4,954
9:00pm	8	55	873	11	96	1,143	9	71	2,239	28	222	4,255
10:00pm	8	55	645	12	114	1,444	8	67	1,477	28	236	3,566
11:00pm	5	36	214	13	126	2,827	4	31	1,206	22	193	4,247
TOTAL	299	2,101	90,243	350	3,173	118,637	205	1,650	98,252	854	6,924	307,132

Summary - 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	47	830	10	96	1,805	5	44	1,451	22	187	4,086
1:00am	8	52	465	6	52	480	2	16	458	16	120	1,403
2:00am	0	0	0	4	38	239	0	0	0	4	38	239
3:00am	0	0	0	4	40	305	0	0	0	4	40	305
4:00am	0	0	0	4	36	207	4	32	585	8	68	792
5:00am	5	32	250	7	72	649	7	57	1,058	19	161	1,957
6:00am	15	105	936	12	112	1,449	10	77	1,709	37	294	4,094
7:00am	15	98	2,025	12	114	2,082	11	81	2,437	38	293	6,544
8:00am	13	94	1,996	12	117	2,517	10	87	1,802	35	298	6,315
9:00am	11	80	1,318	13	115	1,572	11	88	2,634	35	283	5,524
10:00am	10	71	1,267	15	134	1,865	9	68	2,033	34	273	5,165
11:00am	9	62	1,352	14	123	1,695	9	69	1,927	32	254	4,974
12:00pm	8	56	1,537	15	130	2,786	12	86	2,992	35	272	7,315
1:00pm	9	60	2,197	15	135	3,562	7	57	2,344	31	252	8,103
2:00pm	13	93	3,739	16	145	6,166	11	81	3,476	40	319	13,381
3:00pm	18	122	6,404	15	134	8,553	11	87	4,183	44	343	19,140
4:00pm	28	197	11,892	26	234	16,658	15	128	11,330	69	559	39,880
5:00pm	44	313	21,746	34	307	23,534	21	182	17,679	99	802	62,959
6:00pm	34	238	12,949	30	250	16,046	21	176	15,322	85	664	44,317
7:00pm	17	112	6,162	22	192	7,638	10	83	6,341	49	387	20,141
8:00pm	12	81	4,596	14	121	5,006	10	78	4,867	36	280	14,469
9:00pm	14	103	4,179	12	106	3,752	8	66	2,600	34	275	10,531
10:00pm	9	64	2,971	14	118	5,330	8	68	2,784	31	250	11,085
11:00pm	6	42	1,717	16	148	4,474	4	31	1,154	26	221	7,345
TOTAL	305	2,122	90,528	342	3,069	118,370	216	1,742	91,166	863	6,933	300,064

Note: See note on page III-0.

SECTION C
Suburban and Intercity Rail and Passengers by Sector,
60th Street Sector - Inbound

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	1	6	52	2	12	24	2	14	64	0	0	0	5	32	140
1:00am	1	8	12	2	14	21	2	17	26	0	0	0	5	39	59
2:00am	1	6	13	0	0	0	1	8	11	0	0	0	2	14	24
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	432	2	14	461	2	13	571	0	0	0	6	40	1,464
6:00am	4	26	1,017	7	46	2,068	6	41	1,872	0	0	0	17	113	4,957
7:00am	10	65	3,095	11	79	4,838	14	102	6,329	1	5	97	36	251	14,359
8:00am	12	81	5,063	14	101	8,083	20	163	12,281	1	5	222	47	350	25,649
9:00am	8	50	2,508	10	70	4,172	13	91	5,810	1	5	290	32	216	12,780
10:00am	4	28	896	4	26	1,400	7	48	2,596	0	0	0	15	102	4,892
11:00am	2	13	573	2	14	807	4	33	1,562	1	5	296	9	65	3,238
12:00pm	2	13	517	2	16	708	4	35	1,098	1	6	290	9	70	2,613
1:00pm	2	15	437	2	14	554	4	35	866	1	5	197	9	69	2,054
2:00pm	3	23	443	3	20	653	4	34	916	1	5	199	11	82	2,211
3:00pm	3	23	435	3	18	675	4	28	832	0	0	0	10	69	1,942
4:00pm	3	19	510	4	26	890	5	34	1,119	1	5	260	13	84	2,779
5:00pm	3	21	631	6	42	1,210	6	44	1,525	1	5	292	16	112	3,658
6:00pm	4	27	484	4	26	848	5	37	1,614	1	5	180	14	95	3,126
7:00pm	4	26	291	4	26	537	5	41	842	0	0	0	13	93	1,670
8:00pm	2	13	203	4	24	297	3	22	396	0	0	0	9	59	896
9:00pm	2	13	157	2	14	154	3	23	276	1	5	286	8	55	873
10:00pm	2	13	153	2	12	139	3	25	233	1	5	120	8	55	645
11:00pm	1	6	26	2	14	82	2	16	106	0	0	0	5	36	214
TOTAL	76	508	17,948	92	628	28,621	119	904	40,945	12	61	2,729	299	2,101	90,243

60th Street Sector - Outbound

HOURS	MTA METRO-NORTH RAILROAD									AMTRAK			TOTAL		
	HUDSON LINE			HARLEM LINE			NEW HAVEN LINE			EMPIRE SERVICE			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	3	19	215	2	12	292	2	16	323	0	0	0	7	47	830
1:00am	1	6	45	3	20	181	4	26	239	0	0	0	8	52	465
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	22	1	6	34	3	20	194	0	0	0	5	32	250
6:00am	4	26	188	6	42	275	5	37	473	0	0	0	15	105	936
7:00am	4	28	314	6	38	651	4	27	812	1	5	248	15	98	2,025
8:00am	3	21	296	4	28	532	5	40	966	1	5	202	13	94	1,996
9:00am	3	19	274	4	28	371	4	33	673	0	0	0	11	80	1,318
10:00am	2	15	265	3	22	285	4	29	477	1	5	240	10	71	1,267
11:00am	2	15	298	2	14	305	4	28	561	1	5	188	9	62	1,352
12:00pm	2	13	355	2	12	473	4	31	709	0	0	0	8	56	1,537
1:00pm	2	13	464	2	14	595	4	28	904	1	5	234	9	60	2,197
2:00pm	3	23	854	5	34	1,244	4	31	1,420	1	5	221	13	93	3,739
3:00pm	4	28	1,270	7	43	2,229	6	46	2,721	1	5	184	18	122	6,404
4:00pm	6	40	2,584	10	66	3,477	11	85	5,537	1	6	294	28	197	11,892
5:00pm	12	81	4,671	13	95	6,863	18	132	9,943	1	5	269	44	313	21,746
6:00pm	8	53	2,597	12	82	4,083	14	103	6,269	0	0	0	34	238	12,949
7:00pm	5	34	1,318	6	38	2,283	6	40	2,561	0	0	0	17	112	6,162
8:00pm	3	19	628	4	24	1,478	5	38	2,490	0	0	0	12	81	4,596
9:00pm	5	34	959	3	20	881	4	34	1,944	2	15	395	14	103	4,179
10:00pm	3	19	649	1	6	570	4	34	1,637	1	5	115	9	64	2,971
11:00pm	2	13	375	2	14	694	2	15	648	0	0	0	6	42	1,717
TOTAL	78	525	18,641	98	658	27,796	117	873	41,501	12	66	2,590	305	2,122	90,528

Note: See note on page III-0.

SECTION C

Suburban and Intercity Rail and Passengers by Sector, Queens Sector - Inbound

HOURS	MTA LIRR			AMTRAK			TOTAL		
	TRAINS	CARS	PSGRS	N.E. CORRIDOR			TRAINS	CARS	PSGRS
12:00am	9	80	480	0	0	0	9	80	480
1:00am	12	118	506	0	0	0	12	118	506
2:00am	4	36	135	0	0	0	4	36	135
3:00am	3	28	184	0	0	0	3	28	184
4:00am	3	26	291	0	0	0	3	26	291
5:00am	8	76	3,133	0	0	0	8	76	3,133
6:00am	23	194	10,568	0	0	0	23	194	10,568
7:00am	32	297	17,936	2	13	495	34	310	18,431
8:00am	34	325	25,893	2	13	672	36	338	26,565
9:00am	23	198	11,661	0	0	0	23	198	11,661
10:00am	12	112	5,203	1	8	406	13	120	5,609
11:00am	13	124	3,895	2	11	512	15	135	4,407
12:00pm	13	122	2,753	2	17	590	15	139	3,343
1:00pm	13	124	2,358	0	0	0	13	124	2,358
2:00pm	12	106	2,395	1	7	346	13	113	2,741
3:00pm	12	108	2,474	1	5	249	13	113	2,723
4:00pm	14	134	3,458	2	12	582	16	146	4,040
5:00pm	13	114	3,900	2	12	574	15	126	4,474
6:00pm	16	158	5,896	2	12	555	18	170	6,451
7:00pm	11	110	2,874	2	16	752	13	126	3,626
8:00pm	14	114	1,212	1	7	285	15	121	1,497
9:00pm	11	96	1,143	0	0	0	11	96	1,143
10:00pm	12	114	1,444	0	0	0	12	114	1,444
11:00pm	13	126	2,827	0	0	0	13	126	2,827
TOTAL	330	3,040	112,619	20	133	6,018	350	3,173	118,637

Queens Sector - Outbound

HOURS	MTA LIRR			AMTRAK			TOTAL		
	TRAINS	CARS	PSGRS	N.E. CORRIDOR			TRAINS	CARS	PSGRS
12:00am	10	96	1,805	0	0	0	10	96	1,805
1:00am	6	52	480	0	0	0	6	52	480
2:00am	4	38	239	0	0	0	4	38	239
3:00am	4	40	305	0	0	0	4	40	305
4:00am	4	36	207	0	0	0	4	36	207
5:00am	7	72	649	0	0	0	7	72	649
6:00am	12	112	1,449	0	0	0	12	112	1,449
7:00am	12	114	2,082	0	0	0	12	114	2,082
8:00am	11	110	2,096	1	7	421	12	117	2,517
9:00am	12	110	1,329	1	5	243	13	115	1,572
10:00am	13	122	1,264	2	12	601	15	134	1,865
11:00am	13	118	1,498	1	5	197	14	123	1,695
12:00pm	13	116	2,131	2	14	655	15	130	2,786
1:00pm	14	130	3,362	1	5	200	15	135	3,562
2:00pm	15	138	5,816	1	7	350	16	145	6,166
3:00pm	13	122	7,914	2	12	639	15	134	8,553
4:00pm	25	226	16,199	1	8	459	26	234	16,658
5:00pm	33	302	23,364	1	5	170	34	307	23,534
6:00pm	27	231	15,033	3	19	1,013	30	250	16,046
7:00pm	21	184	7,220	1	8	418	22	192	7,638
8:00pm	13	116	4,765	1	5	241	14	121	5,006
9:00pm	12	106	3,752	0	0	0	12	106	3,752
10:00pm	13	110	5,007	1	8	323	14	118	5,330
11:00pm	15	142	4,239	1	6	235	16	148	4,474
TOTAL	322	2,943	112,205	20	126	6,165	342	3,069	118,370

Note: See note on page III-0.
 *Beginning from 2022, LIRR counts include arrival and departures for both Penn Station and Grand Central Madison.

SECTION C

Suburban and Intercity Rail and Passengers by Sector, New Jersey Sector - 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	528	1	9	159	0	0	0	4	33	687
1:00am	3	26	667	0	0	0	0	0	0	3	26	667
2:00am	1	8	146	0	0	0	0	0	0	1	8	146
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	1,716	2	18	825	0	0	0	6	53	2,541
6:00am	6	53	2,941	4	32	2,775	0	0	0	10	85	5,716
7:00am	11	94	8,473	4	34	3,788	2	13	495	17	141	12,756
8:00am	13	121	10,401	8	69	8,488	4	25	1,291	25	215	20,180
9:00am	11	87	7,285	3	23	2,445	1	5	311	15	115	10,041
10:00am	4	29	2,557	3	26	1,411	5	32	1,603	12	87	5,571
11:00am	3	24	1,445	3	25	1,129	3	18	849	9	67	3,423
12:00pm	3	26	1,656	2	17	685	4	31	1,235	9	74	3,576
1:00pm	5	45	1,899	2	16	606	2	10	438	9	71	2,943
2:00pm	4	35	1,579	2	16	843	3	23	1,069	9	74	3,491
3:00pm	3	25	1,490	2	17	824	3	17	861	8	59	3,175
4:00pm	4	35	2,268	2	17	616	2	12	582	8	64	3,466
5:00pm	4	36	2,018	4	35	1,898	3	18	777	11	89	4,693
6:00pm	6	55	2,320	2	16	678	3	17	770	11	88	3,768
7:00pm	4	34	1,992	3	23	1,185	2	16	752	9	73	3,929
8:00pm	3	24	1,393	2	18	504	3	17	664	8	59	2,561
9:00pm	3	28	1,068	2	19	382	4	24	789	9	71	2,239
10:00pm	4	37	784	2	18	368	2	12	325	8	67	1,477
11:00pm	1	9	584	2	16	395	1	6	227	4	31	1,206
TOTAL	103	890	55,210	55	464	30,004	47	296	13,038	205	1,650	98,252

New Jersey Sector - 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	1,055	3	27	396	0	0	0	5	44	1,451
1:00am	2	16	458	0	0	0	0	0	0	2	16	458
2:00am	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
4:00am	2	17	383	0	0	0	2	15	202	4	32	585
5:00am	4	34	663	1	9	107	2	14	288	7	57	1,058
6:00am	5	41	1,121	3	27	349	2	9	239	10	77	1,709
7:00am	4	34	1,159	3	24	464	4	23	814	11	81	2,437
8:00am	5	44	843	4	36	538	1	7	421	10	87	1,802
9:00am	5	47	1,294	3	24	583	3	17	757	11	88	2,634
10:00am	3	25	784	3	25	484	3	18	765	9	68	2,033
11:00am	4	34	880	2	16	385	3	19	662	9	69	1,927
12:00pm	4	33	1,163	2	17	398	6	36	1,431	12	86	2,992
1:00pm	3	27	1,090	2	16	670	2	14	584	7	57	2,344
2:00pm	4	37	1,924	2	17	522	5	27	1,030	11	81	3,476
3:00pm	5	44	2,332	2	17	868	4	26	983	11	87	4,183
4:00pm	8	72	7,031	4	34	3,110	3	22	1,189	15	128	11,330
5:00pm	13	119	11,200	5	46	5,601	3	17	878	21	182	17,679
6:00pm	9	84	7,705	7	61	5,920	5	31	1,697	21	176	15,322
7:00pm	6	51	3,885	3	24	2,038	1	8	418	10	83	6,341
8:00pm	5	42	2,716	3	26	1,671	2	10	480	10	78	4,867
9:00pm	5	43	1,837	2	18	552	1	5	211	8	66	2,600
10:00pm	4	33	1,596	3	27	865	1	8	323	8	68	2,784
11:00pm	2	19	730	1	6	189	1	6	235	4	31	1,154
TOTAL	104	913	51,849	58	497	25,710	54	332	13,607	216	1,742	91,166

Note: See note on page III-0.

SECTION D
Auto, Taxi, Commuter Van, & Truck Occupants by Sector,
Summary - Inbound

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	7,221	3,759	2,548	1,856	15,384
1:00am	4,239	2,420	1,577	1,432	9,668
2:00am	2,946	1,691	1,190	1,118	6,945
3:00am	2,851	1,783	1,533	1,194	7,361
4:00am	4,409	3,453	2,386	2,605	12,853
5:00am	9,898	7,836	4,362	7,347	29,443
6:00am	14,998	11,670	6,847	8,877	42,392
7:00am	18,162	12,523	7,856	8,476	47,017
8:00am	20,979	12,116	7,899	8,009	49,003
9:00am	19,545	11,470	7,273	7,022	45,310
10:00am	18,135	9,534	5,849	6,311	39,829
11:00am	17,338	9,039	5,804	5,957	38,138
12:00pm	17,336	8,852	5,818	5,929	37,935
1:00pm	17,341	9,378	5,871	5,166	37,756
2:00pm	18,416	10,147	6,291	4,941	39,795
3:00pm	19,551	9,513	6,618	5,184	40,866
4:00pm	19,928	8,450	6,839	5,363	40,580
5:00pm	20,361	8,583	6,742	5,597	41,283
6:00pm	20,146	8,225	6,193	5,675	40,239
7:00pm	19,550	8,427	5,188	5,422	38,587
8:00pm	17,262	8,278	4,999	4,407	34,946
9:00pm	16,276	8,041	4,851	4,857	34,025
10:00pm	15,287	7,472	4,117	4,649	31,525
11:00pm	12,083	5,926	3,552	2,913	24,474
TOTAL	354,258	188,586	122,203	120,307	785,354

Notes: - See note on page III-0.
- New Jersey Sector - Lincoln and Holland Tunnels' (LTHT) counts exclude small commuter buses.
- 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 when comparing prior years of data.

SECTION D
Auto, Taxi, Commuter Van, & Truck Occupants by Sector,
Summary - Outbound

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,342	8,228	4,906	3,617	25,093
1:00am	4,607	4,656	2,805	2,366	14,434
2:00am	3,268	2,757	1,942	1,421	9,388
3:00am	2,818	2,161	1,769	1,251	7,999
4:00am	3,919	2,849	2,704	1,620	11,092
5:00am	6,851	5,324	4,129	2,551	18,855
6:00am	12,530	8,470	5,816	3,518	30,334
7:00am	15,862	10,075	5,972	4,666	36,575
8:00am	15,367	9,936	5,378	4,761	35,442
9:00am	15,325	9,273	4,907	4,362	33,867
10:00am	15,707	9,416	5,676	4,840	35,639
11:00am	15,014	9,348	6,276	5,245	35,883
12:00pm	15,293	10,175	6,641	5,979	38,088
1:00pm	16,188	10,373	6,946	7,151	40,658
2:00pm	17,386	11,314	7,800	8,357	44,857
3:00pm	18,323	12,658	9,310	8,617	48,908
4:00pm	18,588	13,380	9,914	7,585	49,467
5:00pm	19,023	12,885	9,637	6,936	48,481
6:00pm	19,208	12,698	8,598	7,314	47,818
7:00pm	18,208	11,896	9,058	7,224	46,386
8:00pm	17,011	11,285	8,005	7,426	43,727
9:00pm	16,838	10,684	7,300	6,722	41,544
10:00pm	16,261	10,732	7,085	6,590	40,668
11:00pm	13,744	10,619	6,462	3,451	34,276
TOTAL	325,681	221,192	149,036	123,570	819,479

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.
- 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 when comparing prior years of data.
- Due to problems with Holland Tunnel sensors in 2024, comparable outbound volumes from May 2024 was provided instead of October 2024.

SECTION D
Auto, Taxi, Commuter Van, & Truck Occupants by Facility,
60th Street Sector - 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	2,124	130	1,642	451	216	668	311	681	196	802	7,221
1:00am	1,132	54	1,106	275	88	398	169	403	111	503	4,239
2:00am	758	35	831	194	47	265	110	273	66	367	2,946
3:00am	787	39	776	171	42	226	80	247	60	423	2,851
4:00am	1,481	72	1,041	184	60	304	97	292	78	800	4,409
5:00am	3,703	155	1,874	369	137	653	160	442	160	2,245	9,898
6:00am	5,111	353	1,935	493	507	996	332	713	378	4,180	14,998
7:00am	5,861	330	1,953	629	1,031	1,154	578	1,202	723	4,701	18,162
8:00am	6,794	349	2,006	712	1,523	1,446	871	1,584	1,014	4,680	20,979
9:00am	6,390	351	1,794	692	1,424	1,324	937	1,399	924	4,310	19,545
10:00am	5,696	396	1,910	659	1,290	1,270	960	1,375	849	3,730	18,135
11:00am	5,431	407	1,919	683	1,173	1,207	918	1,376	831	3,393	17,338
12:00pm	5,314	441	1,987	694	1,291	1,211	914	1,334	844	3,306	17,336
1:00pm	5,347	478	2,099	669	1,222	1,187	877	1,413	832	3,217	17,341
2:00pm	5,781	514	2,162	662	1,258	1,211	942	1,472	854	3,560	18,416
3:00pm	6,224	630	2,343	680	1,278	1,237	904	1,584	955	3,716	19,551
4:00pm	6,067	725	2,445	795	1,400	1,257	917	1,554	881	3,887	19,928
5:00pm	6,450	677	2,545	854	1,484	1,248	984	1,591	889	3,639	20,361
6:00pm	6,300	640	2,568	922	1,346	1,374	868	1,586	1,011	3,531	20,146
7:00pm	5,986	600	2,556	1,008	1,339	1,368	926	1,598	909	3,260	19,550
8:00pm	5,565	536	2,437	896	1,144	1,344	876	1,457	779	2,228	17,262
9:00pm	5,138	408	2,388	864	980	1,420	851	1,375	680	2,172	16,276
10:00pm	4,553	360	2,241	843	859	1,393	778	1,364	654	2,242	15,287
11:00pm	3,620	267	2,015	804	555	1,194	563	1,164	438	1,463	12,083
TOTAL	111,613	8,947	46,573	15,203	21,694	25,355	15,923	27,479	15,116	66,355	354,258

Notes: - See note on page III-0.
- Central Park South and 7th Avenue, open only to authorized vehicles and not general traffic.
- 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 when comparing prior years of data.

SECTION D
Auto, Taxi, Commuter Van, & Truck Occupants by Facility,
60th Street Sector - 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	2,291	610	848	967	312	407	359	236	496	76	1,740	8,342
1:00am	1,086	323	558	625	157	233	192	160	347	48	878	4,607
2:00am	849	258	394	470	94	174	137	104	285	24	479	3,268
3:00am	638	267	372	467	94	120	125	91	236	26	382	2,818
4:00am	1,149	404	533	566	123	148	167	115	279	53	382	3,919
5:00am	2,471	556	800	797	223	252	299	183	438	131	701	6,851
6:00am	4,461	843	1,481	1,212	563	490	471	322	600	319	1,768	12,530
7:00am	4,314	1,125	1,865	1,333	1,232	804	699	462	749	550	2,729	15,862
8:00am	3,401	1,117	1,771	1,329	1,502	772	732	513	799	582	2,849	15,367
9:00am	3,716	1,130	1,707	1,293	1,364	779	801	525	853	628	2,529	15,325
10:00am	4,058	1,118	1,573	1,159	1,318	846	916	513	947	562	2,697	15,707
11:00am	3,600	1,146	1,502	1,168	1,231	829	833	481	984	484	2,756	15,014
12:00pm	3,452	1,146	1,436	1,284	1,207	874	935	562	945	447	3,005	15,293
1:00pm	3,578	1,169	1,480	1,375	1,226	920	983	575	1,037	439	3,406	16,188
2:00pm	3,952	1,227	1,553	1,484	1,360	959	1,002	585	1,138	485	3,641	17,386
3:00pm	4,129	1,228	1,655	1,429	1,393	1,022	1,086	663	1,172	577	3,969	18,323
4:00pm	4,326	1,171	1,867	1,586	1,487	1,070	1,246	692	1,322	942	2,879	18,588
5:00pm	3,941	1,236	2,010	1,885	1,645	1,148	1,264	704	1,457	1,046	2,687	19,023
6:00pm	4,244	1,179	1,797	1,942	1,687	1,241	1,259	703	1,461	780	2,915	19,208
7:00pm	4,452	957	1,573	1,876	1,462	1,268	1,154	611	1,257	494	3,104	18,208
8:00pm	4,792	1,073	1,650	1,702	1,262	1,019	945	543	923	310	2,792	17,011
9:00pm	4,272	999	1,691	1,786	1,275	977	940	480	873	284	3,261	16,838
10:00pm	4,338	950	1,464	1,557	1,170	915	891	482	810	255	3,429	16,261
11:00pm	3,941	841	1,405	1,338	854	726	676	404	669	180	2,710	13,744
TOTAL	81,451	22,073	32,985	30,630	24,241	17,993	18,112	10,709	20,077	9,722	57,688	325,681

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.
- 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 when comparing prior years of data.

SECTION D

Auto, Taxi, Commuter Van, & Truck Occupants by Facility, Brooklyn, Queens, and New Jersey Sectors - 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	1,241	909	1,256	353	3,759	855	1,693	2,548	744	1,112	1,856	8,163
1:00am	773	647	837	163	2,420	460	1,117	1,577	617	815	1,432	5,429
2:00am	530	419	672	70	1,691	208	982	1,190	478	640	1,118	3,999
3:00am	578	398	722	85	1,783	282	1,251	1,533	472	722	1,194	4,510
4:00am	1,264	527	1,276	386	3,453	613	1,773	2,386	1,025	1,580	2,605	8,444
5:00am	2,364	1,314	2,619	1,539	7,836	1,823	2,539	4,362	3,044	4,303	7,347	19,545
6:00am	3,357	2,230	2,900	3,183	11,670	3,037	3,810	6,847	3,017	5,860	8,877	27,394
7:00am	3,076	2,764	3,001	3,682	12,523	3,943	3,913	7,856	2,964	5,512	8,476	28,855
8:00am	3,122	2,791	2,724	3,479	12,116	4,508	3,391	7,899	2,914	5,095	8,009	28,024
9:00am	2,514	2,809	2,584	3,563	11,470	4,605	2,668	7,273	2,875	4,147	7,022	25,765
10:00am	2,194	2,484	2,406	2,450	9,534	3,793	2,056	5,849	2,899	3,412	6,311	21,694
11:00am	2,229	2,148	2,337	2,325	9,039	3,405	2,399	5,804	2,712	3,245	5,957	20,800
12:00pm	2,258	1,954	2,348	2,292	8,852	3,418	2,400	5,818	2,576	3,353	5,929	20,599
1:00pm	2,598	1,873	2,540	2,367	9,378	3,324	2,547	5,871	2,483	2,683	5,166	20,415
2:00pm	2,801	2,228	2,556	2,562	10,147	3,646	2,645	6,291	2,659	2,282	4,941	21,379
3:00pm	2,602	1,988	2,451	2,472	9,513	3,784	2,834	6,618	2,741	2,443	5,184	21,315
4:00pm	2,514	1,921	2,447	1,568	8,450	3,982	2,857	6,839	2,822	2,541	5,363	20,652
5:00pm	2,931	1,987	2,378	1,287	8,583	3,869	2,873	6,742	3,109	2,488	5,597	20,922
6:00pm	2,486	2,066	2,329	1,344	8,225	3,525	2,668	6,193	2,978	2,697	5,675	20,093
7:00pm	2,499	2,136	2,305	1,487	8,427	2,527	2,661	5,188	2,461	2,961	5,422	19,037
8:00pm	2,768	2,058	2,525	927	8,278	2,510	2,489	4,999	2,029	2,378	4,407	17,684
9:00pm	2,685	2,146	2,543	667	8,041	2,279	2,572	4,851	2,351	2,506	4,857	17,749
10:00pm	2,437	2,376	1,984	675	7,472	2,203	1,914	4,117	2,180	2,469	4,649	16,238
11:00pm	1,905	1,684	1,892	445	5,926	1,825	1,727	3,552	1,114	1,799	2,913	12,391
TOTAL	53,726	43,857	51,632	39,371	188,586	64,424	57,779	122,203	53,264	67,043	120,307	431,096

Notes: - See note on page III-0.
- New Jersey Sector - Lincoln and Holland Tunnels' (LTHT) counts exclude small commuter buses.
- 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 when comparing prior years of data.

SECTION D
Auto, Taxi, Commuter Van, & Truck Occupants by Facility,
Brooklyn, Queens, and New Jersey Sectors - 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	2,741	2,159	2,605	723	8,228	1,587	3,078	4,906	537	3,080	3,617	16,751
1:00am	1,685	1,271	1,494	206	4,656	803	2,025	2,805	412	1,954	2,366	9,827
2:00am	1,058	690	932	77	2,757	524	1,350	1,942	326	1,095	1,421	6,120
3:00am	788	530	785	58	2,161	499	1,179	1,769	278	973	1,251	5,181
4:00am	1,083	650	1,031	85	2,849	995	1,609	2,704	261	1,359	1,620	7,173
5:00am	2,193	1,174	1,737	220	5,324	1,497	2,446	4,129	1,094	1,457	2,551	12,004
6:00am	3,426	1,677	2,670	697	8,470	1,987	3,325	5,816	1,818	1,700	3,518	17,804
7:00am	4,075	2,154	2,783	1,063	10,075	2,024	3,234	5,972	2,221	2,445	4,666	20,713
8:00am	3,951	2,177	2,750	1,058	9,936	1,925	2,827	5,378	2,340	2,421	4,761	20,075
9:00am	3,716	2,155	2,437	965	9,273	1,925	2,494	4,907	2,213	2,149	4,362	18,542
10:00am	3,420	2,438	2,389	1,169	9,416	2,165	3,070	5,676	2,259	2,581	4,840	19,932
11:00am	3,608	2,143	2,330	1,267	9,348	2,703	3,354	6,276	2,301	2,944	5,245	20,869
12:00pm	3,767	2,274	2,442	1,692	10,175	2,809	3,513	6,641	2,462	3,517	5,979	22,795
1:00pm	3,767	2,369	2,334	1,903	10,373	2,968	3,722	6,946	2,543	4,608	7,151	24,470
2:00pm	3,939	2,510	2,643	2,222	11,314	3,374	3,880	7,800	2,701	5,656	8,357	27,471
3:00pm	3,767	3,011	2,887	2,993	12,658	3,826	5,077	9,310	2,639	5,978	8,617	30,585
4:00pm	3,703	3,423	3,424	2,830	13,380	4,083	5,207	9,914	2,525	5,060	7,585	30,879
5:00pm	3,853	3,402	3,332	2,298	12,885	3,930	4,883	9,637	2,417	4,519	6,936	29,458
6:00pm	4,051	2,892	3,218	2,537	12,698	3,487	4,463	8,598	2,628	4,686	7,314	28,610
7:00pm	3,640	2,732	3,175	2,349	11,896	3,695	4,980	9,058	2,652	4,572	7,224	28,178
8:00pm	3,936	2,483	3,084	1,782	11,285	3,026	4,319	8,005	2,761	4,665	7,426	26,716
9:00pm	3,911	2,324	3,180	1,269	10,684	3,030	3,698	7,300	2,647	4,075	6,722	24,706
10:00pm	3,984	2,430	3,143	1,175	10,732	3,137	3,618	7,085	2,681	3,909	6,590	24,407
11:00pm	3,650	2,628	3,258	1,083	10,619	2,523	3,248	6,462	249	3,202	3,451	20,532
TOTAL	77,712	51,696	60,063	31,721	221,192	58,522	80,599	149,036	44,965	78,605	123,570	493,798

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.
- Due to problems with Holland Tunnel sensors in 2024, comparable outbound volumes from May 2024 was provided instead of October 2024.

SECTION E

Autos, Taxis, Commuter Vans, and Trucks by Sector, Summary

Inbound

Outbound

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	5,421	3,145	2,056	1,422	12,044
1:00am	3,181	2,018	1,280	1,101	7,580
2:00am	2,214	1,406	979	859	5,458
3:00am	2,156	1,485	1,260	914	5,815
4:00am	3,352	2,902	1,944	1,993	10,191
5:00am	7,594	6,596	3,484	5,636	23,310
6:00am	12,245	9,891	6,020	7,114	35,270
7:00am	14,414	10,762	6,613	6,712	38,501
8:00am	15,973	10,291	6,391	6,132	38,787
9:00am	14,875	9,706	5,713	5,627	35,921
10:00am	13,841	7,953	4,579	5,153	31,526
11:00am	13,134	7,597	4,605	4,858	30,194
12:00pm	12,985	7,355	4,550	4,609	29,499
1:00pm	13,095	7,790	4,519	4,028	29,432
2:00pm	14,123	8,325	4,783	3,765	30,996
3:00pm	15,056	8,147	5,072	4,033	32,308
4:00pm	15,285	7,178	5,023	4,001	31,487
5:00pm	15,200	7,157	5,064	4,089	31,510
6:00pm	15,228	7,098	4,633	4,334	31,293
7:00pm	15,064	7,274	4,047	3,804	30,189
8:00pm	13,046	6,937	3,951	3,399	27,333
9:00pm	12,285	6,722	3,849	3,756	26,612
10:00pm	11,564	6,246	3,240	3,589	24,639
11:00pm	9,101	4,945	2,803	2,226	19,075
TOTAL	270,432	158,926	96,458	93,154	618,970

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	6,421	6,058	3,486	2,624	18,589
1:00am	3,526	3,398	2,138	1,725	10,787
2:00am	2,490	2,010	1,418	1,047	6,965
3:00am	2,131	1,579	1,265	921	5,896
4:00am	2,968	2,084	1,929	1,178	8,159
5:00am	5,234	3,897	2,923	1,953	14,007
6:00am	10,059	6,080	3,603	2,789	22,531
7:00am	12,600	7,284	3,490	3,563	26,937
8:00am	11,984	7,152	3,249	3,590	25,975
9:00am	11,689	6,651	3,096	3,306	24,742
10:00am	11,956	6,862	3,907	3,674	26,399
11:00am	11,504	6,862	4,576	4,044	26,986
12:00pm	11,595	7,509	4,793	4,550	28,447
1:00pm	12,393	7,875	5,171	5,439	30,878
2:00pm	13,290	8,587	5,494	6,060	33,431
3:00pm	13,964	10,038	6,744	6,414	37,160
4:00pm	13,432	10,192	7,048	5,871	36,543
5:00pm	13,515	9,652	6,599	5,391	35,157
6:00pm	13,871	9,486	5,918	5,560	34,835
7:00pm	13,426	8,964	6,405	5,591	34,386
8:00pm	12,922	8,418	5,407	5,625	32,372
9:00pm	12,816	7,924	4,913	5,113	30,766
10:00pm	12,437	7,939	4,918	5,025	30,319
11:00pm	10,544	7,842	4,226	2,466	25,078
TOTAL	246,767	164,343	102,716	93,519	607,345

- 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 16, 2024). Thus, there may be some variation in this report and the reports produced by NYC DOT.
 - The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.
 - New Jersey Sector - Lincoln and Holland Tunnels (LHTT) counts exclude small commuter buses. LHTT westbound data are collected using miovision cameras; compared to the eastbound data which are collected using the toll transaction system at the tunnels. Thus the methodology of data collection is different between the directions, and should be considered when comparing eastbound and westbound volumes.
 - 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 when comparing prior years of data.
 - Due to problems with Holland Tunnel sensors in 2024, comparable outbound volumes from May 2024 was provided instead of October 2024.

SECTION E
Autos, Taxis, Commuter Vans, and Trucks by Facility,
60th Street Sector - Inbound

HOURS	FDR DRIVE	YORK AVENUE	SECOND AVENUE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HWY	TOTAL
12:00am	1,562	116	1,181	382	158	431	229	516	136	710	5,421
1:00am	832	48	796	233	64	257	124	305	77	445	3,181
2:00am	557	31	598	164	34	171	81	207	46	325	2,214
3:00am	579	35	558	145	31	146	59	187	42	374	2,156
4:00am	1,089	64	749	156	44	196	71	221	54	708	3,352
5:00am	2,723	138	1,348	313	100	421	118	335	111	1,987	7,594
6:00am	4,089	333	1,466	425	374	629	224	607	260	3,838	12,245
7:00am	4,348	306	1,453	503	835	704	417	974	509	4,365	14,414
8:00am	4,891	310	1,460	559	1,102	835	626	1,177	700	4,313	15,973
9:00am	4,532	309	1,358	564	1,031	800	687	1,034	613	3,947	14,875
10:00am	4,037	344	1,432	569	910	800	688	1,002	615	3,444	13,841
11:00am	3,738	363	1,464	572	880	782	689	1,014	592	3,040	13,134
12:00pm	3,665	387	1,463	570	907	811	671	1,020	601	2,890	12,985
1:00pm	3,825	415	1,512	577	891	817	663	1,040	579	2,776	13,095
2:00pm	4,292	477	1,570	579	899	824	673	1,074	639	3,096	14,123
3:00pm	4,662	537	1,669	645	947	840	694	1,153	669	3,240	15,056
4:00pm	4,614	614	1,677	714	1,009	830	693	1,179	636	3,319	15,285
5:00pm	4,664	620	1,698	730	1,020	832	724	1,210	618	3,084	15,200
6:00pm	4,719	564	1,686	756	1,015	904	689	1,261	647	2,987	15,228
7:00pm	4,736	552	1,748	847	1,011	913	698	1,237	608	2,714	15,064
8:00pm	4,092	479	1,753	759	835	867	644	1,104	541	1,972	13,046
9:00pm	3,778	364	1,718	732	715	916	626	1,042	472	1,922	12,285
10:00pm	3,348	321	1,612	714	627	899	572	1,033	454	1,984	11,564
11:00pm	2,662	238	1,450	681	405	770	414	882	304	1,295	9,101
TOTAL	82,034	7,965	33,419	12,889	15,844	16,395	11,774	20,814	10,523	58,775	270,432

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 16, 2024). 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.
- 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 when comparing prior years of data.

SECTION E

Autos, Taxis, Commuter Vans, and Trucks by Facility, 60th Street Sector - 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	1,863	418	684	658	205	281	204	179	376	53	1,500	6,421
1:00am	883	221	450	425	103	161	109	121	263	33	757	3,526
2:00am	690	177	318	320	62	120	78	79	216	17	413	2,490
3:00am	519	183	300	318	62	83	71	69	179	18	329	2,131
4:00am	934	277	430	385	81	102	95	87	211	37	329	2,968
5:00am	2,009	381	645	542	147	174	170	139	332	91	604	5,234
6:00am	3,721	608	1,214	897	367	424	336	230	525	206	1,531	10,059
7:00am	3,580	735	1,529	986	779	696	450	340	627	386	2,492	12,600
8:00am	2,832	753	1,401	956	929	667	451	361	692	382	2,560	11,984
9:00am	2,910	798	1,345	924	906	629	469	372	715	418	2,203	11,689
10:00am	3,188	776	1,290	842	867	598	517	389	759	383	2,347	11,956
11:00am	2,887	792	1,234	853	844	568	492	391	760	349	2,334	11,504
12:00pm	2,755	762	1,196	897	854	583	514	433	740	346	2,515	11,595
1:00pm	3,066	795	1,219	949	868	609	527	446	762	337	2,815	12,393
2:00pm	3,378	826	1,287	976	908	625	579	442	825	343	3,101	13,290
3:00pm	3,438	837	1,372	961	908	668	603	513	844	410	3,410	13,964
4:00pm	3,277	826	1,425	1,033	939	683	685	546	946	628	2,444	13,432
5:00pm	3,029	825	1,539	1,136	1,026	705	686	554	1,016	726	2,273	13,515
6:00pm	3,496	763	1,442	1,179	1,089	735	642	521	990	546	2,468	13,871
7:00pm	3,710	737	1,272	1,132	970	711	578	475	855	340	2,646	13,426
8:00pm	3,896	735	1,331	1,158	830	703	537	411	699	215	2,407	12,922
9:00pm	3,473	684	1,364	1,215	839	674	534	364	661	197	2,811	12,816
10:00pm	3,527	651	1,181	1,059	770	631	506	365	614	177	2,956	12,437
11:00pm	3,204	576	1,133	910	562	501	384	306	507	125	2,336	10,544
TOTAL	66,265	15,136	26,601	20,711	15,915	12,331	10,217	8,133	15,114	6,763	49,581	246,767

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 16, 2024). 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.
- 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 when comparing prior years of data.

SECTION E

Autos, Taxis, Commuter Vans, and Trucks by Facility,
Brooklyn, Queens, and New Jersey Sectors - 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	1,089	733	1,013	310	3,145	633	1,423	2,056	610	812	1,422	6,623
1:00am	678	522	675	143	2,018	341	939	1,280	506	595	1,101	4,399
2:00am	465	338	542	61	1,406	154	825	979	392	467	859	3,244
3:00am	507	321	582	75	1,485	209	1,051	1,260	387	527	914	3,659
4:00am	1,109	425	1,029	339	2,902	454	1,490	1,944	840	1,153	1,993	6,839
5:00am	2,074	1,060	2,112	1,350	6,596	1,350	2,134	3,484	2,495	3,141	5,636	15,716
6:00am	2,889	1,752	2,385	2,865	9,891	2,704	3,316	6,020	2,644	4,470	7,114	23,025
7:00am	2,746	2,220	2,458	3,338	10,762	3,219	3,394	6,613	2,527	4,185	6,712	24,087
8:00am	2,646	2,273	2,206	3,166	10,291	3,470	2,921	6,391	2,410	3,722	6,132	22,814
9:00am	2,165	2,282	2,049	3,210	9,706	3,442	2,271	5,713	2,466	3,161	5,627	21,046
10:00am	1,866	2,016	1,916	2,155	7,953	2,837	1,742	4,579	2,390	2,763	5,153	17,685
11:00am	2,030	1,739	1,799	2,029	7,597	2,601	2,004	4,605	2,243	2,615	4,858	17,060
12:00pm	1,933	1,586	1,855	1,981	7,355	2,545	2,005	4,550	2,084	2,525	4,609	16,514
1:00pm	2,247	1,497	2,016	2,030	7,790	2,421	2,098	4,519	2,029	1,999	4,028	16,337
2:00pm	2,398	1,679	2,016	2,232	8,325	2,608	2,175	4,783	2,044	1,721	3,765	16,873
3:00pm	2,259	1,647	2,006	2,235	8,147	2,726	2,346	5,072	2,200	1,833	4,033	17,252
4:00pm	2,149	1,621	2,014	1,394	7,178	2,660	2,363	5,023	2,270	1,731	4,001	16,202
5:00pm	2,461	1,623	1,951	1,122	7,157	2,670	2,394	5,064	2,448	1,641	4,089	16,310
6:00pm	2,352	1,646	1,952	1,148	7,098	2,453	2,180	4,633	2,388	1,946	4,334	16,065
7:00pm	2,338	1,728	1,963	1,245	7,274	1,873	2,174	4,047	1,991	1,813	3,804	15,125
8:00pm	2,428	1,660	2,036	813	6,937	1,859	2,092	3,951	1,663	1,736	3,399	14,287
9:00pm	2,355	1,731	2,051	585	6,722	1,688	2,161	3,849	1,927	1,829	3,756	14,327
10:00pm	2,138	1,916	1,600	592	6,246	1,632	1,608	3,240	1,787	1,802	3,589	13,075
11:00pm	1,671	1,358	1,526	390	4,945	1,352	1,451	2,803	913	1,313	2,226	9,974
TOTAL	46,993	35,373	41,752	34,808	158,926	47,901	48,557	96,458	43,654	49,500	93,154	348,538

Notes:

- See note on page III-0.
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- 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.
- 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 when comparing prior years of data.

SECTION E

Autos, Taxis, Commuter Vans, and Trucks by Facility, Brooklyn, Queens, and New Jersey Sectors - 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	1,972	1,459	2,004	623	6,058	1,024	2,462	3,486	455	2,169	2,624	12,168
1:00am	1,212	859	1,149	178	3,398	518	1,620	2,138	349	1,376	1,725	7,261
2:00am	761	466	717	66	2,010	338	1,080	1,418	276	771	1,047	4,475
3:00am	567	358	604	50	1,579	322	943	1,265	236	685	921	3,765
4:00am	779	439	793	73	2,084	642	1,287	1,929	221	957	1,178	5,191
5:00am	1,578	793	1,336	190	3,897	966	1,957	2,923	927	1,026	1,953	8,773
6:00am	2,396	1,144	1,899	641	6,080	1,307	2,296	3,603	1,581	1,208	2,789	12,472
7:00am	2,820	1,501	1,989	974	7,284	1,284	2,206	3,490	1,866	1,697	3,563	14,337
8:00am	2,736	1,498	1,973	945	7,152	1,209	2,040	3,249	1,965	1,625	3,590	13,991
9:00am	2,531	1,453	1,828	839	6,651	1,212	1,884	3,096	1,817	1,489	3,306	13,053
10:00am	2,398	1,620	1,858	986	6,862	1,370	2,537	3,907	1,916	1,758	3,674	14,443
11:00am	2,564	1,442	1,801	1,055	6,862	1,797	2,779	4,576	1,962	2,082	4,044	15,482
12:00pm	2,679	1,523	1,920	1,387	7,509	1,803	2,990	4,793	2,104	2,446	4,550	16,852
1:00pm	2,822	1,593	1,878	1,582	7,875	1,954	3,217	5,171	2,196	3,243	5,439	18,485
2:00pm	2,920	1,659	2,130	1,878	8,587	2,239	3,255	5,494	2,277	3,783	6,060	20,141
3:00pm	2,832	2,152	2,478	2,576	10,038	2,534	4,210	6,744	2,201	4,213	6,414	23,196
4:00pm	2,725	2,305	2,671	2,491	10,192	2,571	4,477	7,048	2,131	3,740	5,871	23,111
5:00pm	2,835	2,335	2,530	1,952	9,652	2,537	4,062	6,599	2,041	3,350	5,391	21,642
6:00pm	3,005	1,895	2,447	2,139	9,486	2,217	3,701	5,918	2,172	3,388	5,560	20,964
7:00pm	2,772	1,746	2,433	2,013	8,964	2,333	4,072	6,405	2,261	3,330	5,591	20,960
8:00pm	2,832	1,678	2,372	1,536	8,418	1,952	3,455	5,407	2,340	3,285	5,625	19,450
9:00pm	2,814	1,570	2,446	1,094	7,924	1,955	2,958	4,913	2,243	2,870	5,113	17,950
10:00pm	2,866	1,642	2,418	1,013	7,939	2,024	2,894	4,918	2,272	2,753	5,025	17,882
11:00pm	2,626	1,776	2,506	934	7,842	1,628	2,598	4,226	211	2,255	2,466	14,534
TOTAL	56,042	34,906	46,180	27,215	164,343	37,736	64,980	102,716	38,020	55,499	93,519	360,578

- Notes:
- See note on page III-0.
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 - The presented hourly average volumes are based on two weeks' worth of mid-week data, all of which underwent QA/QC.
 - 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 when comparing prior years of data.
 - Due to problems with Holland Tunnel sensors in 2024, comparable outbound volumes from May 2024 was provided instead of October 2024.

SECTION F
Ferry and Tramway Passengers by Location,
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	0	72	72	9	81
1:00am	0	0	0	0	54	54	6	60
2:00am	0	0	0	0	65	65	0	65
3:00am	0	0	0	0	74	74	0	74
4:00am	0	0	0	0	204	204	0	204
5:00am	2	0	0	478	740	1,220	7	1,227
6:00am	9	19	25	932	1,890	2,875	46	2,921
7:00am	66	58	58	2,795	3,586	6,563	225	6,788
8:00am	35	56	161	3,386	2,942	6,580	308	6,888
9:00am	16	95	152	1,727	1,198	3,188	258	3,446
10:00am	14	39	106	613	1,409	2,181	167	2,348
11:00am	25	90	85	473	1,359	2,032	241	2,273
12:00pm	64	111	216	582	1,453	2,426	262	2,688
1:00pm	35	89	139	392	1,495	2,150	198	2,348
2:00pm	66	165	150	574	1,414	2,369	258	2,627
3:00pm	114	157	323	647	1,848	3,089	306	3,395
4:00pm	151	270	556	663	1,495	3,135	233	3,368
5:00pm	276	332	708	869	1,550	3,735	242	3,977
6:00pm	116	306	617	602	1,028	2,669	325	2,994
7:00pm	50	134	306	295	639	1,424	183	1,607
8:00pm	36	47	100	97	420	700	116	816
9:00pm	0	0	15	24	414	453	70	523
10:00pm	0	0	0	8	217	225	33	258
11:00pm	0	0	0	6	144	150	33	183
TOTAL	1,075	1,968	3,717	15,163	25,710	47,633	3,526	51,159

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	0	485	485	13	498
1:00am	0	0	0	0	251	251	10	261
2:00am	0	0	0	0	103	103	0	103
3:00am	0	0	0	0	82	82	0	82
4:00am	0	0	0	0	68	68	0	68
5:00am	4	0	0	0	209	213	2	215
6:00am	64	41	87	26	574	792	32	824
7:00am	180	130	527	222	387	1,446	38	1,484
8:00am	337	363	965	306	579	2,550	57	2,607
9:00am	114	320	588	663	473	2,158	116	2,274
10:00am	62	110	242	708	1,068	2,190	165	2,355
11:00am	60	67	184	245	1,102	1,658	214	1,872
12:00pm	70	148	153	262	1,403	2,036	255	2,291
1:00pm	38	185	171	345	1,466	2,205	233	2,438
2:00pm	38	91	152	626	1,319	2,226	271	2,497
3:00pm	47	174	197	798	2,026	3,242	327	3,569
4:00pm	38	135	263	1,936	3,362	5,734	280	6,014
5:00pm	47	173	220	2,663	3,869	6,972	466	7,438
6:00pm	58	108	290	2,291	2,563	5,310	386	5,696
7:00pm	25	98	121	1,254	1,387	2,885	230	3,115
8:00pm	8	38	80	472	918	1,516	151	1,667
9:00pm	5	13	33	308	748	1,107	110	1,217
10:00pm	0	5	0	213	625	843	42	885
11:00pm	0	0	0	68	558	626	38	664
TOTAL	1,195	2,199	4,273	13,406	25,625	46,698	3,436	50,134

Notes: See note on page III-0.
(1) Excludes bicyclists.
- Decrease in tramway travel was influenced by resumption of regular F train services and by tramway speed reduction for system improvement projects in 2024..

SECTION G

Bicycle Volumes by Sector, Summary

Inbound

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	83	14	1	98
1:00am	-	34	18	4	56
2:00am	-	22	7	2	31
3:00am	-	16	22	7	45
4:00am	-	37	52	15	104
5:00am	-	125	179	25	329
6:00am	659	377	294	48	1,378
7:00am	1,386	900	455	86	2,827
8:00am	2,213	1,717	562	55	4,545
9:00am	1,874	1,496	429	32	3,831
10:00am	1,598	942	401	46	2,987
11:00am	2,020	667	245	18	2,950
12:00pm	2,108	536	157	20	2,821
1:00pm	1,941	512	188	18	2,659
2:00pm	1,779	533	193	25	2,530
3:00pm	1,671	604	201	31	2,507
4:00pm	1,922	614	228	23	2,787
5:00pm	2,592	747	279	24	3,642
6:00pm	2,851	830	222	28	3,931
7:00pm	2,498	575	129	7	3,209
8:00pm	1,914	335	79	10	2,338
9:00pm	1,337	253	48	12	1,650
10:00pm	941	210	55	8	1,214
11:00pm	642	144	40	7	833
TOTAL	31,946	12,309	4,497	552	49,302

Outbound

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	STATEN ISLAND SECTOR ABOARD FERRY	TOTAL
12:00am	-	292	131	16	439
1:00am	-	136	44	15	195
2:00am	-	68	32	5	105
3:00am	-	49	33	6	88
4:00am	-	46	17	4	67
5:00am	-	54	40	8	102
6:00am	532	109	50	10	701
7:00am	928	164	83	23	1,198
8:00am	1,292	299	104	11	1,706
9:00am	1,118	292	94	10	1,514
10:00am	1,054	247	83	12	1,396
11:00am	1,651	339	74	14	2,078
12:00pm	2,061	345	98	10	2,514
1:00pm	1,973	421	144	25	2,563
2:00pm	1,859	510	185	26	2,580
3:00pm	1,895	715	270	24	2,904
4:00pm	2,120	977	369	43	3,509
5:00pm	3,146	1,626	486	45	5,303
6:00pm	3,457	1,689	430	59	5,635
7:00pm	2,985	1,129	307	34	4,455
8:00pm	2,132	771	219	52	3,174
9:00pm	1,641	715	259	37	2,652
10:00pm	1,321	757	329	36	2,443
11:00pm	992	561	228	28	1,809
TOTAL	32,157	12,311	4,109	553	49,130

Note: - See note on page III-0.
 - In the 60th Street sector, bicycle counts are not available for the early morning hours.

SECTION G

Bicycle Volumes by Location, 60th Street Sector - Inbound

HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREEN-WAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	2	188	2	43	20	-	39	4	65	53	12	70	4	25	-	132	659
7:00am	1	380	7	66	55	2	78	7	185	91	9	139	6	69	1	290	1,386
8:00am	10	568	14	94	55	2	150	7	276	165	20	218	11	70	5	548	2,213
9:00am	1	497	6	90	58	2	140	15	222	169	20	243	10	60	2	339	1,874
10:00am	3	437	7	134	54	-	133	8	173	105	14	226	11	71	-	222	1,598
11:00am	4	440	4	271	122	10	208	14	203	144	22	310	18	61	3	186	2,020
12:00pm	4	366	11	256	126	10	290	21	232	152	24	323	22	67	3	201	2,108
1:00pm	2	336	8	219	94	5	196	22	250	144	25	325	11	94	2	208	1,941
2:00pm	1	364	5	155	67	5	178	15	218	141	25	291	14	81	1	218	1,779
3:00pm	-	331	5	110	63	3	131	17	201	148	19	275	24	82	2	260	1,671
4:00pm	7	414	6	117	55	5	168	15	235	161	16	336	18	101	-	268	1,922
5:00pm	4	614	11	174	87	3	168	9	339	193	28	476	14	121	2	349	2,592
6:00pm	4	661	8	231	112	6	222	27	327	195	35	487	32	134	2	368	2,851
7:00pm	4	486	10	205	118	9	208	36	293	213	40	455	19	129	2	271	2,498
8:00pm	1	386	5	161	80	1	137	15	196	166	28	450	15	119	1	153	1,914
9:00pm	2	296	7	106	26	9	97	12	147	94	26	340	16	74	-	85	1,337
10:00pm	3	176	8	41	21	1	72	15	110	77	11	189	17	53	1	146	941
11:00pm	3	100	9	44	18	-	55	21	66	64	17	132	11	31	1	70	642
TOTAL	56	7,040	133	2,517	1,231	73	2,670	280	3,738	2,475	391	5,285	273	1,442	28	4,314	31,946

Notes:

- See note on page III-0.
- Bicycles travelling on the sidewalk and going against traffic are counted as reverse flow.
- In the 60th Street sector, bicycle counts are not available for the early morning hours.

SECTION G

Bicycle Volumes by Location, 60th Street Sector - Inbound

HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREEN-WAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	102	1	39	-	20	38	-	113	3	10	75	8	47	6	3	67	532
7:00am	183	1	58	1	55	48	-	181	3	12	123	7	69	7	5	175	928
8:00am	256	2	92	7	51	73	2	287	3	7	168	7	93	7	17	220	1,292
9:00am	191	5	97	1	30	61	5	225	6	14	183	9	98	8	7	178	1,118
10:00am	180	9	77	2	30	67	2	222	7	19	175	9	89	9	2	155	1,054
11:00am	179	11	162	7	97	220	1	392	6	8	288	18	113	10	3	136	1,651
12:00pm	204	10	282	4	138	211	1	489	6	21	343	23	135	8	6	180	2,061
1:00pm	236	12	249	5	77	179	2	435	8	15	353	29	157	18	4	194	1,973
2:00pm	261	4	219	2	64	109	4	405	8	16	339	26	152	10	5	235	1,859
3:00pm	294	4	193	8	47	121	3	374	9	14	343	27	150	10	4	294	1,895
4:00pm	405	7	187	4	51	118	1	408	9	12	343	18	182	16	9	350	2,120
5:00pm	562	9	258	4	93	144	1	642	10	19	499	28	266	22	14	575	3,146
6:00pm	557	19	316	9	129	222	4	686	20	21	557	23	284	11	11	588	3,457
7:00pm	405	23	295	5	91	215	2	655	26	25	532	44	251	17	15	384	2,985
8:00pm	343	13	247	8	69	137	2	369	22	9	424	43	225	15	2	204	2,132
9:00pm	291	11	181	4	23	87	1	320	15	9	331	27	178	6	5	152	1,641
10:00pm	252	14	140	8	16	57	2	252	2	13	263	22	134	7	6	133	1,321
11:00pm	165	2	95	-	13	38	3	211	5	7	223	16	104	8	3	99	992
TOTAL	5,066	157	3,187	79	1,094	2,145	36	6,666	168	251	5,562	384	2,727	195	121	4,319	32,157

Notes:

- See note on page III-0.
- Bicycles travelling on the sidewalk and going against traffic are counted as reverse flow.
- In the 60th Street sector, bicycle counts are not available for the early morning hours.

SECTION G
Bicycle Volumes by Location,
Brooklyn, Queens, and Staten Island Sectors - Inbound

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	47	10	26	83	14	1	98
1:00am	21	5	8	34	18	4	56
2:00am	16	-	6	22	7	2	31
3:00am	7	3	6	16	22	7	45
4:00am	15	12	10	37	52	15	104
5:00am	56	36	33	125	179	25	329
6:00am	162	109	106	377	294	48	719
7:00am	363	280	257	900	455	86	1,441
8:00am	667	559	491	1,717	562	55	2,334
9:00am	574	484	438	1,496	429	32	1,957
10:00am	354	261	327	942	401	46	1,389
11:00am	284	169	214	667	245	18	930
12:00pm	213	161	162	536	157	20	713
1:00pm	227	126	159	512	188	18	718
2:00pm	218	125	190	533	193	25	751
3:00pm	275	141	188	604	201	31	836
4:00pm	262	147	205	614	228	23	865
5:00pm	357	154	236	747	279	24	1,050
6:00pm	368	182	280	830	222	28	1,080
7:00pm	268	107	200	575	129	7	711
8:00pm	171	61	103	335	79	10	424
9:00pm	129	48	76	253	48	12	313
10:00pm	113	35	62	210	55	8	273
11:00pm	76	31	37	144	40	7	191
TOTAL	5,243	3,246	3,820	12,309	4,497	552	17,358

Note: See note on page III-0.

SECTION G
Bicycle Volumes by Location,
Brooklyn, Queens, and Staten Island Sectors - Outbound

HOURS	BROOKLYN				QUEENS	STATEN ISLAND	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	BROOKLYN TOTAL	ED KOCH QUEENSBORO BRIDGE	ABOARD FERRY	
12:00am	166	39	87	292	131	16	439
1:00am	77	23	36	136	44	15	195
2:00am	48	-	20	68	32	5	105
3:00am	23	6	20	49	33	6	88
4:00am	24	7	15	46	17	4	67
5:00am	19	17	18	54	40	8	102
6:00am	38	30	41	109	50	10	169
7:00am	60	39	65	164	83	23	270
8:00am	97	83	119	299	104	11	414
9:00am	108	88	96	292	94	10	396
10:00am	86	82	79	247	83	12	342
11:00am	118	112	109	339	74	14	427
12:00pm	146	95	104	345	98	10	453
1:00pm	156	137	128	421	144	25	590
2:00pm	183	161	166	510	185	26	721
3:00pm	268	261	186	715	270	24	1,009
4:00pm	368	346	263	977	369	43	1,389
5:00pm	571	569	486	1,626	486	45	2,157
6:00pm	676	523	490	1,689	430	59	2,178
7:00pm	476	275	378	1,129	307	34	1,470
8:00pm	344	174	253	771	219	52	1,042
9:00pm	325	170	220	715	259	37	1,011
10:00pm	351	179	227	757	329	36	1,122
11:00pm	264	135	162	561	228	28	817
TOTAL	4,992	3,551	3,768	12,311	4,109	553	16,973

Note: See note on page III-0.

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Appendix IV

List of Data Sources - 2024

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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 & OMNY.
- 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 & OMNY data).
- MTA Bus Company: passenger counts (swiping & OMNY 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.