

HUB Bound Travel Report

2009



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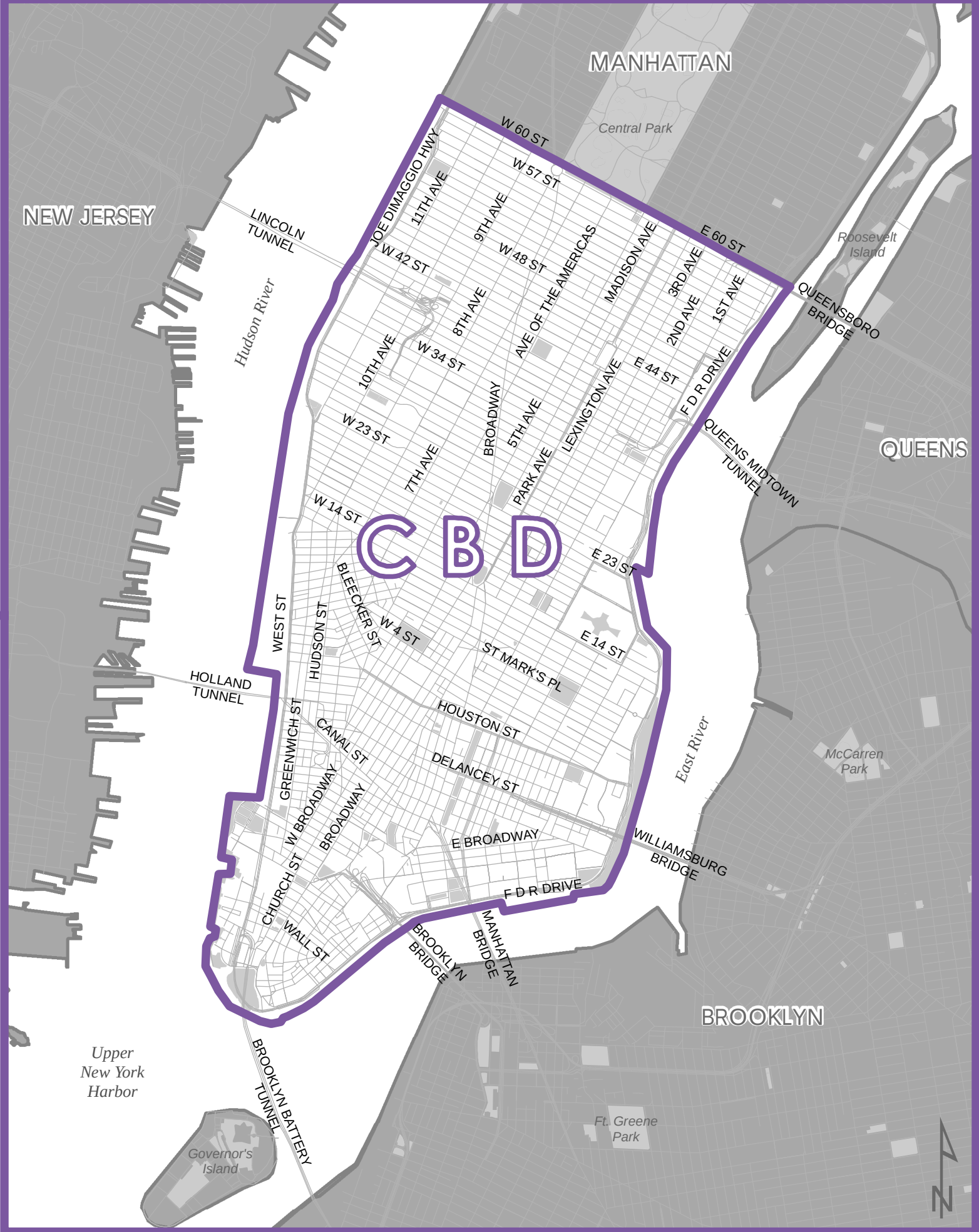
The Hub Bound Report is one of the most popular NYMTC publications, and has been published by various organizations for more than 80 years. It presents a detailed analysis of travel to and from the Manhattan Central Business District (CBD) by both persons and vehicles. The Hub, or CBD, is defined as the portion of Manhattan that is south of 60th Street. This report is published annually and the current edition contains data for a typical fall business day in 2009.

The Hub Bound Report 2009 contains data vital for modeling transportation patterns, validating air quality conformity determinations, and supporting regional transportation plans, transportation improvement programs and major investment studies. Planners, academic researchers and decision makers often use this report to understand travel patterns, congestion levels and continually changing patterns of travel and employment in Manhattan's CBD.

Joel P. Ettinger
Executive Director
New York Metropolitan Transportation Council

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MANHATTAN CENTRAL BUSINESS DISTRICT MAP



MANHATTAN CBD CORDON CROSSINGS BY SECTOR

60TH STREET SECTOR (WEST SIDE)

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

60TH STREET SECTOR (EAST SIDE)

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

QUEENS SECTOR

63rd Street Tunnel (IND)
60th Street Tunnel (BMT/IND)
Queensboro Bridge (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)
Brooklyn Battery Tunnel (I-478)

STATEN ISLAND SECTOR

Staten Island Ferry

CROSSING TYPE

— BRIDGE/
ROAD
..... TUNNEL
- - FERRY



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Summary: *The Hub Bound Travel Report has since 1963 documented the number and mode of all travelers entering Manhattan’s Central Business District over the course of a single fall business day. The resulting data is grouped by sector of entry, hour, direction, and mode, and provides an essential look at the changing transportation patterns in the NYMTC region.*

I. PREFACE

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) was created with the dissolution of the Tri-state Regional Planning Commission in 1982, and has sponsored the project and published the report since then.

The Hub consists of the lower portion of Manhattan from the northern boundary of 60th Street to the southern boundary of Battery Park. At 8.5 square miles, the land area is less than 0.1% of the NYMTC region’s total land area and is home to about 4.9% of the region’s residents (Table 13A). The Hub also has one of the highest concentrations of business activity in the nation, hosting about 40% of the region’s jobs (Table 13A). While average earnings data specific to the CBD are not available, average earnings in Manhattan are about two times higher than those in the other city boroughs.

The New York City subway system has approximately 33 route miles in the Hub. This represents about 13% of the total NYC subway route mileage and 24% of its underground mileage. There are about three route miles of intercity rail in the CBD leading to Penn Station and Grand Central Terminal. For Hub bound travelers using private vehicles, there are approximately 740 off-street parking facilities that can accommodate about 106,000 vehicles.

This report provides data and analysis on the numerous transportation services and facilities serving the Hub of the region. It 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 report examines travel to and from the Hub by several modes: public transportation, private motor vehicle, and bicycle. Travel via motorcycle, foot and helicopter are not part of this study. The public transit options include the Metropolitan Transportation Authority (MTA)

New York City Transit subway and bus lines; the Port Authority Trans-Hudson (PATH) subway; MTA Long Island Rail Road (LIRR); MTA Metro-North Railroad (MNR); New Jersey Transit; Amtrak; ferries (both the Staten Island Ferry and privately-owned operations); and the tram run by the Roosevelt Island Operating Corporation of the State of New York. Private vehicle travel includes the use of automobiles, taxis, vans and trucks.

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. Most of the data was collected on a business day in October 2009, with the exception of bicycle data, which was collected in September of that year. Both vehicle travel and person travel are shown for all public and private transportation modes. The sectors shown in the tables (60th Street, Queens, Brooklyn, Staten Island and New Jersey) are strictly the entry and exit points in the Hub bound survey and are not necessarily the actual origins or destinations of trips.

The analysis based on this data includes changes in Hub bound travel activity over time and changes by sectors of entry and mode of travel. The report also focuses on reverse commuting, including an analysis of travel from the Manhattan CBD during the morning peak hours and to the CBD during the evening peak hours. In addition, it examines the level of comfort offered by public transportation.

Estimates rather than actual data were utilized in some instances. This is due to the nature of statistical surveys, particularly one of this magnitude, as well as the loss of NYMTC's archives, files and databases on Sept. 11, 2001.

The 2009 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 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, Hub accumulation levels, comfort and headway figures, and sector and mode distributions;

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 Hub's gateways and have traditionally made their survey data available for this report.

II. HIGHLIGHTS

- ❖ A total of 3.6 million persons entered New York's Central Business District (CBD) during the course of a given business day in October 2009 (Table 1A).
- ❖ A total of 7.2 million persons entered and left the Manhattan CBD on a given business day in 2009, a decrease of approximately 3.95% compared with 2008 (Table 14 & Table 15).
- ❖ Approximately 37% of persons who entered the CBD did so during the peak period, from 7 am to 10 am (Table 2).
- ❖ Approximately 5.2 million persons entered and left the CBD using public transportation in 2009 – about 319,188 or 6.2% less than those who used public transportation in 2008 (Table 5).
- ❖ The total number of people entering and leaving the Hub by autos, taxis, vans and trucks increased by 14,140 (to 1.94 million) over 2008 (Table 10).
- ❖ MTA New York City Transit (NYCT) operates about 79% of the trains entering and leaving the CBD around the clock. During peak periods about 21% of the total trains enter and leave the CBD (Table 6).
- ❖ About 81% of express bus passengers entering the Hub in 2009 came from points west of the Hudson River. About 18.6% of all express bus passengers came from within New York City itself, while the remaining 0.4% traveled from points north of New York City (Table 9).
- ❖ About 47% of all private vehicles (autos, taxis, commuter vans and trucks) entering and leaving the Hub in 2009 did so via the 60th Street sector (all avenues east and west of Central Park including the Central Park Drives). The Brooklyn, Queens and New Jersey sectors accounted for about 24%, 18%, and 12% of the total number of private vehicles, respectively (Table 11).
- ❖ 25% of travelers crossing the CBD boundaries during the morning peak hours (7:00 am - 10:00 am) traveled against the predominant direction of travel. Of these reverse commuters, 56% traveled by subway. Travel contrary to the predominant flow during the evening peak amounted to 32% of travelers, 59% of whom took the subway (Table 24-25). Overall morning reverse travel increased by 3% over the 2008 level (Table 12).
- ❖ The heaviest hour for travel into the CBD in 2009 was 8:00 am - 9:00 am, during which 574,615 persons entered the CBD. Of these, 62% entered via the subway system, while about 11% arrived via private vehicles and 15% via suburban rail (Table 24). Conversely, the heaviest hour of travel out of the CBD was 5:00 pm -

6:00 pm, during which 444,930 persons left the CBD. Of these, 61% traveled by subway (Table 25).

- ❖ All data were obtained using traditional counting methods and were supplied by the relevant transportation agencies for this report.
- ❖ Motor vehicle occupancy figures (Appendix III – Section D) were calculated using occupancy rates from NYMTC’s Hub Bound Vehicle Classification and Occupancy Survey conducted in March 2006.
- ❖ Due to the loss of NYMTC’s files and databases on Sept. 11, 2001, data for 1999 are largely absent. Some sources were able to provide limited data for that year.

III. CHANGES IN HUB BOUND TRAVEL

In 2009, 3.6 million persons entered the Manhattan CBD on a typical business day (Table 1A). This is 6% less than the highest mark, which was set in 2000 at 3.84 million.

Private Transportation

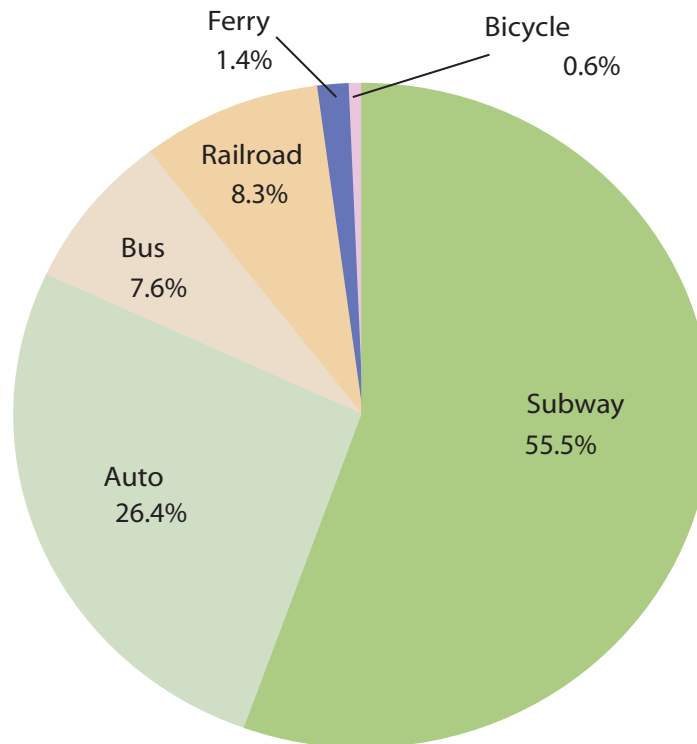
In calculating occupancy counts, this report uses the same vehicle occupancy rates that were used in the 2006 Hub Bound Travel Report. These are based on NYMTC’s Hub Bound Vehicle Classification and Occupancy Survey for the year 2006.

In 2009, private transportation brought 26% of all persons into the CBD. This is an increase of 1.3% over 2008, and an absolute increase of about 12,233 persons (Table 14C; Hub Bound Travel Report 2008, Table 14). The total number of people entering and leaving the Hub by private vehicle increased by 0.7%, or 14,140 to 1,936,973 persons. This increase was uneven: the 60th Street, Brooklyn and Queens sectors all saw increases in private vehicle passengers but their numbers declined in the New Jersey sector. Most of these declines came from the Lincoln Tunnel, whose motor vehicle passenger volume dropped 13.9% (Table 10).

Traffic volumes heading to and from Brooklyn increased 1.3% on the Williamsburg Bridge, 2.2% on the Manhattan Bridge, 1% on the Brooklyn Bridge, and 17% through the Brooklyn Battery Tunnel (Table 11).

Vehicles traveling to and from Queens increased 2.7% in the Queens Midtown Tunnel and 2.2% on the Queensboro Bridge. 60th Street traffic increased 2% on the highly trafficked East Side, while remaining nearly unchanged on the West Side (Table 11). There were also roughly 42,038 daily bicycle trips taken into and out of the Hub between 6:00 am and midnight in 2009 (Table 14C).

Persons Entering the Hub by Mode in 2009 (Percentage)



Public Transportation

Trips into the Hub made by all modes of public transportation decreased by 7.8% from 2008 levels. Total inbound and outbound public transit trips decreased by 5.8% (Table 22). Bus ridership decreased by 3.5% and subway ridership decreased by 9.2% since 2008 (Table 1A). Downtown and uptown PATH trains carried 5.6% less passengers than in the previous year. Suburban and intercity rail services carried 4.6%, or about 28,181 less passengers than in the prior year. In 2009, the percentage of all public transit passengers entering and leaving the Hub who rode commuter and intercity rail remained at 11% (Table 5).

Trips via ferry (both publicly and privately operated) were little changed from 2008 to 2009. Figures for the Roosevelt Island Tramway show a 2% increase over 2008 (Table 24; Hub Bound Travel Report 2008, Table 24).

Cordon Crossings

The following are the numbers of travelers who entered the Hub from each sector across the cordon lines that cover its major entry points (Table 1A):

Sector of Entry	Number of Entries
60th Street sector	1,366,000
Brooklyn sector	944,000
Queens sector	737,000
New Jersey sector	513,000
Staten Island sector	36,000

This report also tracks the maximum net accumulation of persons in the Hub in view of all travel modes. This figure decreased by 9% from the 2008 level to a maximum accumulation of 1.2 million travelers (Tables 21). This remains under the recent peak of 1.5 million persons reached in 2000.

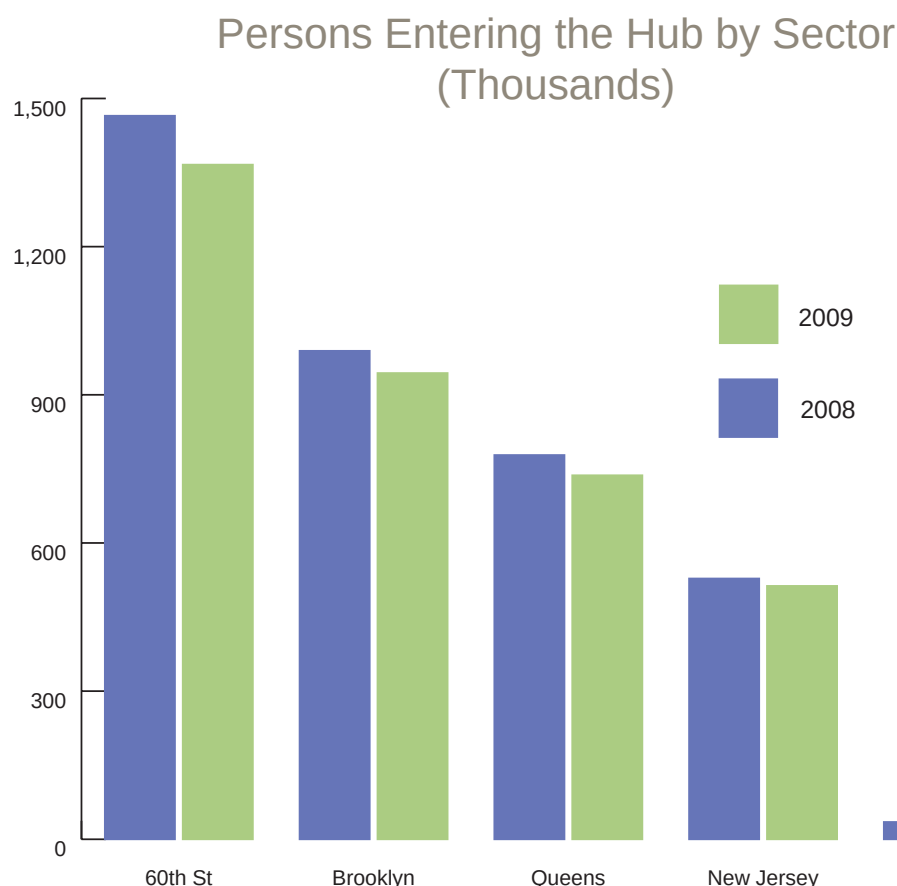
The report also tracks the time when this maximum accumulation occurs. Historically, more people enter the Hub than leave during the morning hours, while the reverse happens during the late afternoon and early evening hours. Typically, the number of persons accumulating in the Hub reaches a peak sometime in the early afternoon, and 2009 was no exception. From 4:00 am to 2:00 pm, more persons entered the Hub each hour than left. Hence, counts indicated that during the hour from 1:00 pm to 2:00 pm, approximately 1.2 million travelers were in the Hub. During this hour, the number of passengers accumulating via public transportation reached 1.1 million persons. By 1:00 pm, approximately 77,517 motor vehicles had accumulated in the Hub, about 1,681 less than the year before (Tables 21-23).

The total number of persons entering the Hub during the morning peak period decreased by 119,896 or 8.29% compared with 2008 (Table 3).

IV. SECTORS OF ENTRY

Travelers may enter Manhattan's CBD through one of the following five gateways or sectors: 60th Street (Manhattan), Brooklyn, Queens, New Jersey and Staten Island. Travelers from the 60th Street sector may come from upper Manhattan, the Bronx, counties to the north of New York City or from Connecticut, or may have crossed the George Washington Bridge from New Jersey.

Travelers arriving from the Brooklyn sector may originate from the borough itself or may be traveling through Brooklyn from Staten Island (via the Verrazano-Narrows Bridge), Queens, Nassau, or Suffolk counties. The Queens sector also includes travelers from Brooklyn, Suffolk or Nassau counties, as well as some arriving across the Whitestone and Throgs Neck



Bridges from upstate New York and Connecticut. The New Jersey sector is a gateway for travelers to the CBD from points west of the Hudson River as well as for some Staten Island residents. Staten Island Ferry service is also considered as a separate clearly defined sector not encompassed in the above four sectors.

A. 60th Street

In 2009, 1.4 million people crossed 60th Street inbound from the north (Table 26). This accounted for 38% of all daily entries into the CBD. About 33% of travelers entering through this sector came in private motor vehicles (autos, taxis, vans and trucks). Subway entry decreased by 11.8% or 101,702 persons compared with 2008, and accounted for 55.4% of this sector's entries. Commuter rail entry decreased by 3.9% (4,102 passengers) and bus transportation decreased by 6.5% (3,015 passengers) compared to 2008. Overall, public transportation entries through the 60th Street cordon showed a decrease of 10.2% or 103,959 persons from 2008 to 2009 (Table 14C; Hub Bound Travel Report, 2008, Table 14; Appendix III, Section C).

B. Brooklyn

The number of travelers entering from the Brooklyn sector reached 943,935 in 2009. Total public transportation usage decreased by 6.7% or 51,852 passengers when compared to 2008. Bus service declined significantly by 17% or 5,264 passengers, while private motor vehicle entries increased 3.2% over 2008 (Table 14C; Hub Bound Travel Report, 2008, Table 14). Surveyed bicycle travel into the Hub increased by 27% and accounted for 6,462 entries daily (Section G; Hub Bound Travel Report, 2008, Section G).

C. Queens

The total number of passengers arriving from Queens decreased by 41,260, or 5.3%. Public transportation usage increased by 50,197 passengers and accounted for 77% of arrivals, down 2 percentage points since 2008. Correspondingly, the share of travelers arriving by private vehicle increased from 20.9% to 23.2%. Subway ridership was down by 9.7% and the relative proportion of bus riders remained unchanged at 2% of all entries (Table 14C; Hub Bound Travel Report, 2008, Table 14).

D. New Jersey

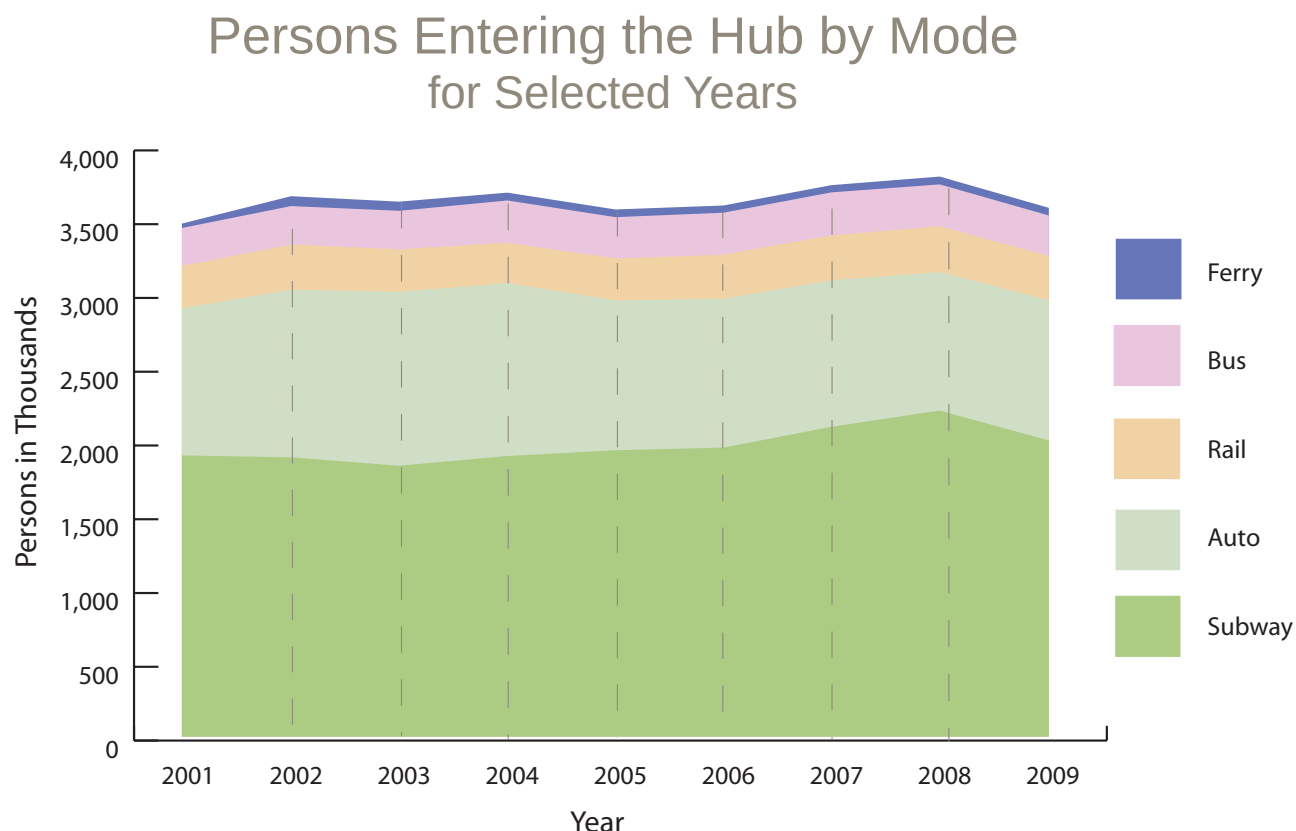
The number of public transportation commuters who arrived from New Jersey decreased by 6,327, or 1.6% compared with 2008 (Table 14C; Hub Bound Travel Report, 2008, Table 14). Suburban and intercity rail carried in 619 more persons or 0.8% more than the year before (Table C in Appendix III; Hub Bound Travel Report 2008, Table C in Appendix III). PATH passenger volumes decreased by 4.8% from 2008 (Table B in Appendix III; Hub Bound Travel Report, 2008, Table B in Appendix III), and bus ridership remained essentially unchanged. Ferries transported 16,300 persons, a 5.6% decrease from 2008.

E. Staten Island

This report records only the number of entries from Staten Island via the Staten Island Ferry, even though thousands of Staten Islanders also enter the CBD via Brooklyn or New Jersey using other modes of transportation. For the purposes of this survey, they are included in the totals for those sectors as appropriate. Hub bound ferry travel via the Staten Island sector increased by 2.4% or 835 passengers over 2008 (Table 14C; Hub Bound Travel Report, 2008, Table 14).

V. MODE OF TRAVEL

Travelers entering the CBD may choose from a number of public and private forms of transportation. Depending on origin, destination, personal economics, and preference, they may take any (or a combination) of the following modes: subway, bus, suburban and intercity



rail, private motor vehicle or bicycle. Further possibilities include public and privately operated ferries, as well as the unique Roosevelt Island Tramway. This report does not include data on persons arriving by foot, air, private cruise or commercial ships in the CBD.

Subway service is provided by the MTA New York City Transit and Port Authority Trans-Hudson (PATH) systems. Bus service is provided on local and express routes by MTA New York City Transit and by the MTA Bus Company, New Jersey Transit, Westchester County Bee-Line, and by private operators outside of the five boroughs of New York City.

Suburban rail service is provided by MTA Metro-North Railroad, MTA Long Island Rail Road, and New Jersey Transit. Intercity rail service is offered by Amtrak to destinations such as Boston, Philadelphia, Washington DC, and Albany.

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

A. Subway

The subway system continued to be the most popular mode of public transportation in 2009, carrying a daily average of 2 million passengers into the Hub (Table 1A). That is 76% of all persons entering by way of public transportation. In 2009, the subway system transported 201,000 less passengers into the Hub than in 2008 (Table 1A). Hourly ridership during morning peak hour exceeded average ridership during other hours by five times (Table 14A, 14C).

B. Bus

Bus service into the Hub is provided primarily by the MTA through its sub-agencies New York City Transit and by the MTA Bus Company. New York City Transit operates nearly all local bus routes in and through the Hub, as well as numerous express routes to and from the outer boroughs. The MTA Bus Company also provides service on express routes in and out of the Hub. These previously privately operated routes were conglomerated under the newly formed MTA Bus Company during 2004 and 2005. The Hub Bound Travel Report 2007 is the first NYMTC report with ridership data reflecting the new oversight.

As stated previously, this report organizes bus ridership based on the point of entry into the Hub, and not by originating location. In 2009, buses brought 273,766 passengers daily into the Hub (Table 24). Express bus riders from New Jersey accounted for 70% (or 190,548) of all bus passengers entering the Hub (Table 9). Express bus passengers entering through the 60th Street sector were 3.2% of total bus passengers, those entering through Brooklyn were 9% and those entering through Queens were 4.2% (Appendix III, Section A).

C. Commuter and Intercity Rail

Commuter and intercity rail trains transported 300,780 passengers, or about 11% of all public transit passenger traffic (Table 14C). That is an 8% share of all persons entering the Hub daily, the same proportion as in 2008. This mode experienced a decrease in ridership of 9,485 passengers since 2008 but continues to be the third most popular mode of entry into the Hub (Table 1A; Hub Bound Travel Report, 2008, Table 14, 24). Changes in this mode across sectors from 2008 to 2009 were uneven, with the 60th Street and Queens sectors absorbing all of the loss in ridership and the New Jersey sector making modest gains.

D. Auto, Taxi, Van and Truck

Since the first Hub Bound Survey in 1924, private motor vehicles including autos, taxis, vans and trucks have been the second most common mode of transportation behind the subway system. In 2009, 951,151 persons entered the Hub using private motor vehicles. This represents an increase of 12,233 passengers from the previous year (Table 24; Hub Bound Travel Report, 2008, Table 24).

E. Bicycle

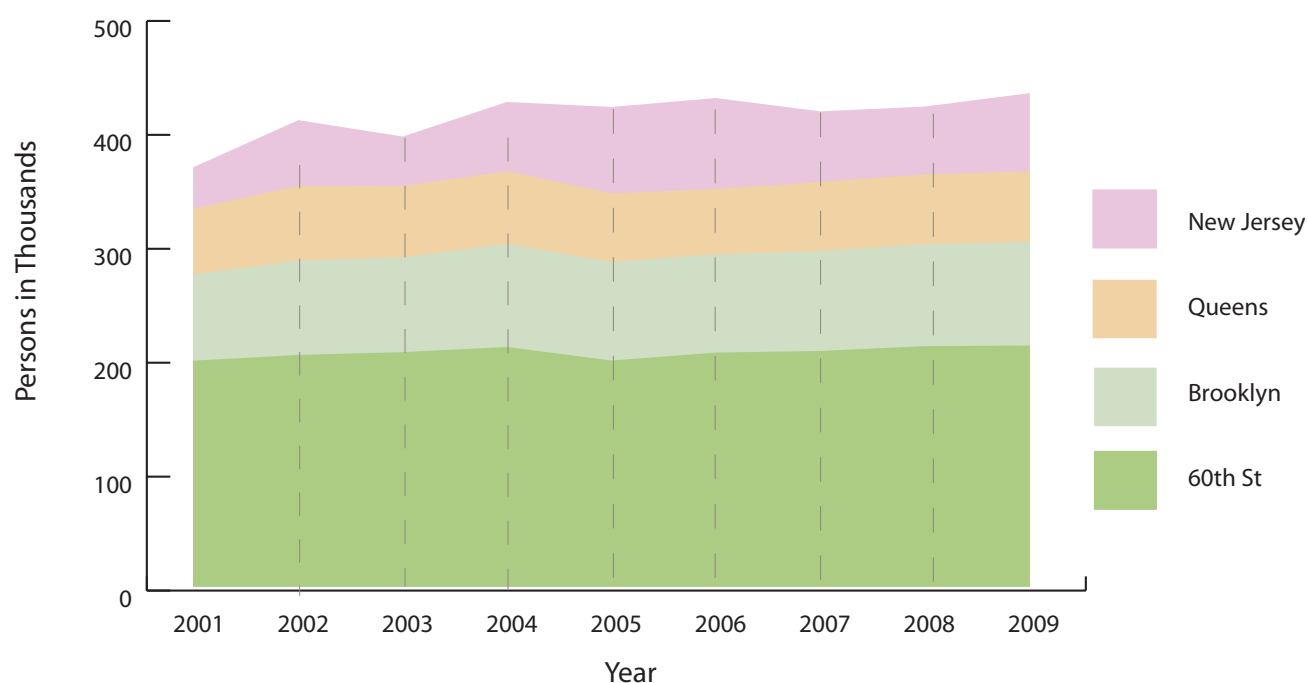
In 2009, survey data provided by the New York City Department of Transportation showed nearly 21,792 bicyclists entering the Hub between the hours of 6:00 am and midnight. This represents an increase of nearly 7,040 riders from 2008 (Appendix III, Section G; Hub Bound Travel Report, 2008, Appendix III, Section G).

A clear increase in bicycling was also observed during peak hours. The number of bicyclists entering the Hub from all sectors during the morning peak increased by 20% to 4,731 riders. The number of bicyclists from 60th Street increased by 5 percentage points to 13,294 or 61% of the total, while Brooklyn's share decreased by 5 percentage points to 6,462 or 34% of the total. The share of cyclists entering from Queens remained relatively stable at 12% (Table 14B; Appendix III, Section G; Hub Bound Travel Report, 2008, Appendix III, Section G).

Bicyclists on trafficked roads were counted riding either with or against the flow of traffic. The direction of riders on the sidewalk was not recorded, but is interpreted in this report as riding against the flow of traffic.

VI. REVERSE COMMUTE

Peak Period Reverse Travel by Sector
for Selected Years



Reverse commuting refers to travel that leaves the Hub during the morning peak hours and returns during the evening peak. Traffic and transit counts show that this type of travel consistently exceeds baseline ridership during mid-day non-peak hours. Variations in reverse commuter volume can provide information on socioeconomic conditions in the areas bordering the Hub. In 2009, the volume of reverse travelers during the morning peak hours was approximately 433,336 persons (Table 12). They represented 33% of all travel during those hours (Table 12 & Table 1B).

VII. HUB BOUND COMFORT

For this analysis, the measure of comfort was calculated as the average gross square feet (sq. ft.) per passenger using subways, buses, trains, or the Staten Island Ferry for travel into the Hub during the 8:00 am to 9:00 am peak hour (Table 8). This is tracked because the level of comfort, or crowding, particularly during the peak travel period, is a significant factor influencing a commuter's experience. Additional important factors include: reliability, frequency of service, and the availability of adequate heating or air-conditioning. Providing a sufficient level of comfort on the public transportation system is a major goal of all transportation operators.

By this measure, there have been increases in average space per passenger on subways and suburban rail entering through the 60th Street sector, buses entering through the Brooklyn sector, all public transit modes from the Queens sector, subways from the New Jersey sector and the Roosevelt Island Tramway. Space per passenger declined on buses through 60th Street, all public transit from Brooklyn, suburban rail from the New Jersey sector and the Staten Island Ferry. Average floor space on buses from New Jersey remained constant (Table 8).

Frequency of service, another index of comfort, is also tracked in this report. This is referred to as average headway in minutes, and is calculated as 60 minutes divided by the number of trains entering during the 8:00 am to 9:00 am peak hour. The survey shows that overall service frequency was 2.9 minutes per train, reflecting a very slight decrease in frequency of service on routes serving the hub (Table 20). Frequency of service for buses can be found in Appendix III, Section A.

A. Sector of Entry

Analysis by sector showed that on average, passengers arriving from Brooklyn lost 0.2 sq. ft. per passenger for an average of 5.5 sq. ft., but experienced very little change in average headway. Passengers entering across 60th Street and from the Queens sector gained significantly averages of 0.86 sq. ft. and 0.67 sq. ft. per passenger, respectively. New Jersey passengers gained 0.22 sq. ft. per passenger on average (Table 20).

The Staten Island Ferry remained the roomiest public transportation mode, with an average of 12.68 sq. ft. per passenger in 2009. Information is unavailable for the private ferry operators. Average square footage on the Roosevelt Island Tramway increased moderately from 2008 to 4.34 sq. ft. (Table 20).

B. Subway

Analysis for this mode of transportation was examined by line. Subways arriving across 60th Street gained an average of 1 sq. ft. per passenger, or 20% over 2008. Passengers on the Lexington Avenue local lines (4 and 6 trains) gained approximately 1.6 sq. ft. per passenger due to an increase in the number of trains, and a decrease of 4,668 passengers. Passengers on the 7th Avenue local lines (1 and 2 trains) gained approximately 2 sq. ft. per passenger due to a combination of fewer passengers and more trains in that hour. Passengers on the 7th Avenue express lines gained approximately 1.44 sq. ft. per passenger largely due to a loss of 5,519 riders in that hour. The remainder of the lines crossing into the Hub from 60th Street each fluctuated within 1 sq. ft. per passenger of their 2008 floor space. The greatest outliers were the 8th Avenue Express which averaged 4.39 sq. ft. per passenger and the 7th Avenue Local which averaged 8.91 sq. ft. per passenger. The rest of the lines fell within these values. Average headway on all 60th Street subways edged up from 3.07 to 3.10 minutes with a range of 2.5 minutes per train for the Lexington Avenue Express (most frequent service) to 5.5 minutes for the 8th Avenue Local (least frequent service) (Table 20).

The Brooklyn sector showed a moderate decrease of 3% in floor space per passenger. Significant changes were observed on the J, Z, and M trains across the Williamsburg Bridge (a gain of 2.09 sq. ft.), the F line through the Rutgers Street Tunnel (a loss of 1.49 sq. ft.), the A and C trains through the Cranberry Street Tunnel (a gain of 1.48 sq. ft.) and the 4 and 5 lines through the Joralemon Street Tunnel (a loss of 1.24 sq. ft.). As is clear, these significant changes generally balanced each other out as far as the sector is concerned (Table 20). The rest of the Brooklyn sector locations showed less dramatic floor space changes. Riders on the N, Q, R and W trains through the Montague Street Tunnel gained around 0.79 sq. ft. per passenger. Riders on the L line (14th St. Tunnel) gained 0.69 sq. ft. per passenger. Riders the B, D and N trains over the Manhattan Bridge saw essentially no change in floor space (an increase of 0.07 sq. ft. per passenger). And riders on the 2 and 3 lines (Clark St. Tunnel) also saw a modest increase of 0.19 sq. ft. per passenger (Table 20).

In terms of absolute comfort, the L line remains the most crowded but is joined by the B, D and N Manhattan bridge lines with only 4.92 and 4.90 sq. ft. per passenger, respectively. At the opposite end, the N, Q, R and W trains remain the most spacious, with an average of 9.12 sq. ft. per passenger. The remaining lines range from 5.32 to 7.66 sq. ft. per passenger (Table 20).

Passengers from Queens generally experienced less fluctuation in floor space with the exception of the Steinway Street Tunnel 7 line, which jumped from 7.62 to 10.41 sq. ft. per passenger. This can be explained by a significant decrease in the number of passengers and a significant increase in the number of trains. The rest of the Queens sector lines experienced changes ranging from 0.01 to 0.80 sq. ft. per passenger (Table 20).

Statistics show that available floor space on the downtown PATH lines decreased while floor space on the uptown lines increased. Since in 2009, both lines ran the same number of trains and cars, the difference in floor space—5.48 sq. ft. per passenger for the downtown lines and 4.35 for the uptown lines—was caused by the greater number of passengers riding the downtown lines. The changes from 2008 were moderate (Table 20).

C. Suburban Rail and Bus

Fluctuations in average floor space per passenger on suburban rail were generally minor with none greater than 1 sq. ft. per passenger. Commuters from the 60th Street sector saw an increase of 0.3 sq. ft., those from Queens saw an increase of 0.4 sq. ft. and those from New Jersey saw a decrease of 0.11 sq. ft. per passenger. Floor space per passenger on Queens sector trains, which saw the largest change, a 6% increase, was influenced by both an increase in total floor space and a decrease in passengers (Table 20).

The range of average floor space per passenger on buses ranged from 8.51 sq. ft. from the Brooklyn sector, to 11.27 sq. ft. from north of 60th Street (Table 20).

D. Ferry and Tramway

Historically, travelers aboard the Staten Island Ferry have enjoyed the highest floor space per passenger, much more than most of the other mass transportation operators can provide. In 2009, the comfort level was 12.68 sq. ft. per passenger. Riders on the Roosevelt Island Tramway each received 4.34 sq. ft., up from 4.21 sq. ft. in 2008, due to decreased ridership. No information is available on the various private ferry vessels' specifications.



CHART 1
PERSONS ENTERING THE HUB
BY MODE AND YEAR

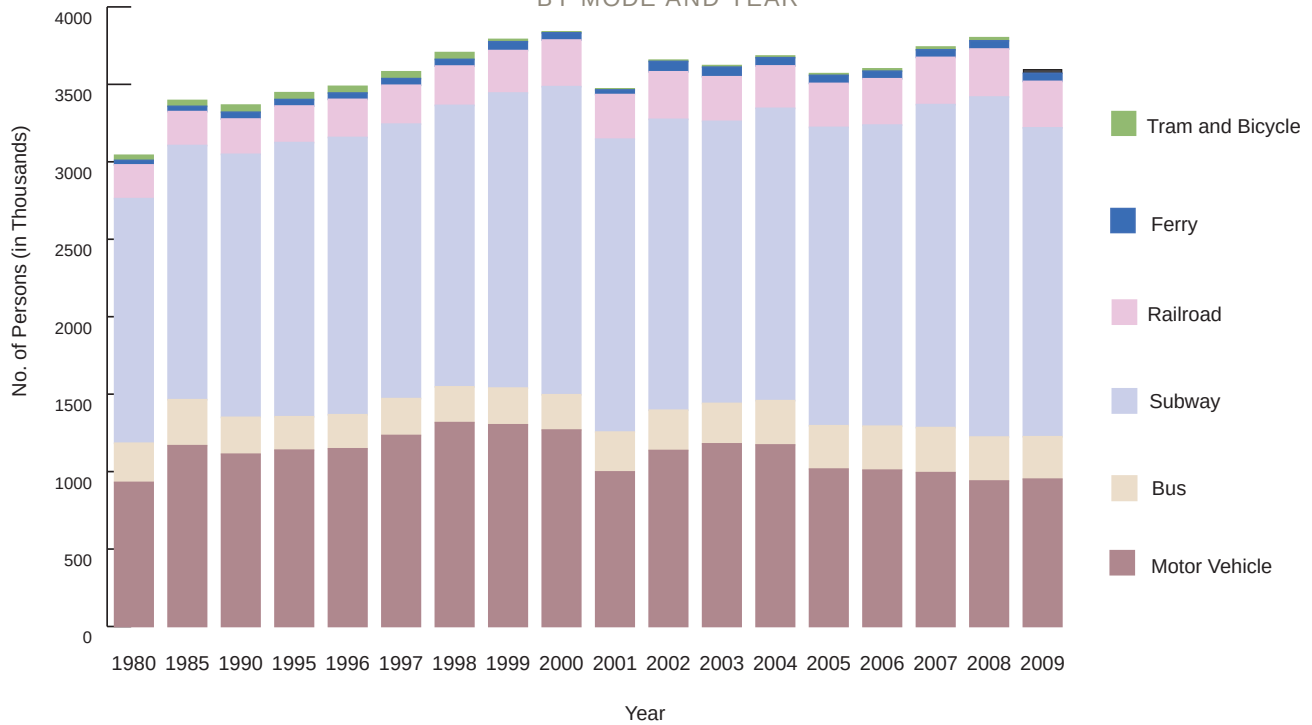


CHART 2
PERSONS ENTERING THE HUB
BY SECTOR AND YEAR

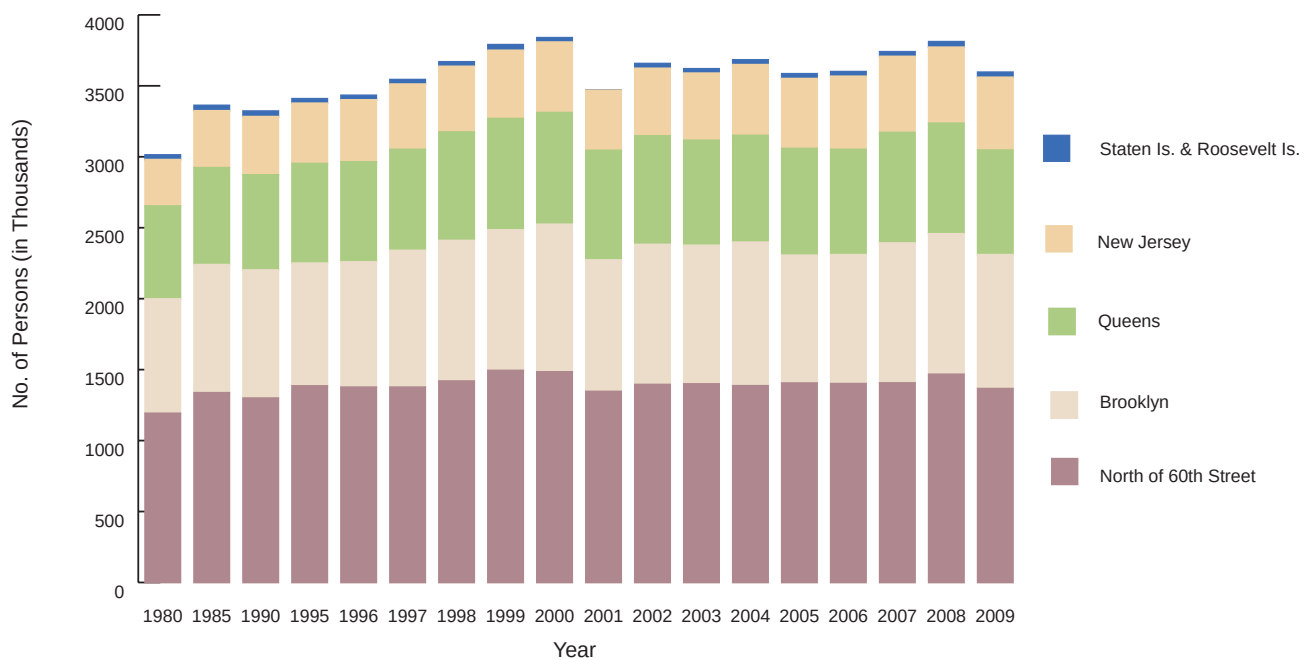


CHART 3
PERSONS ENTERING THE HUB
BY HOUR AND MODE

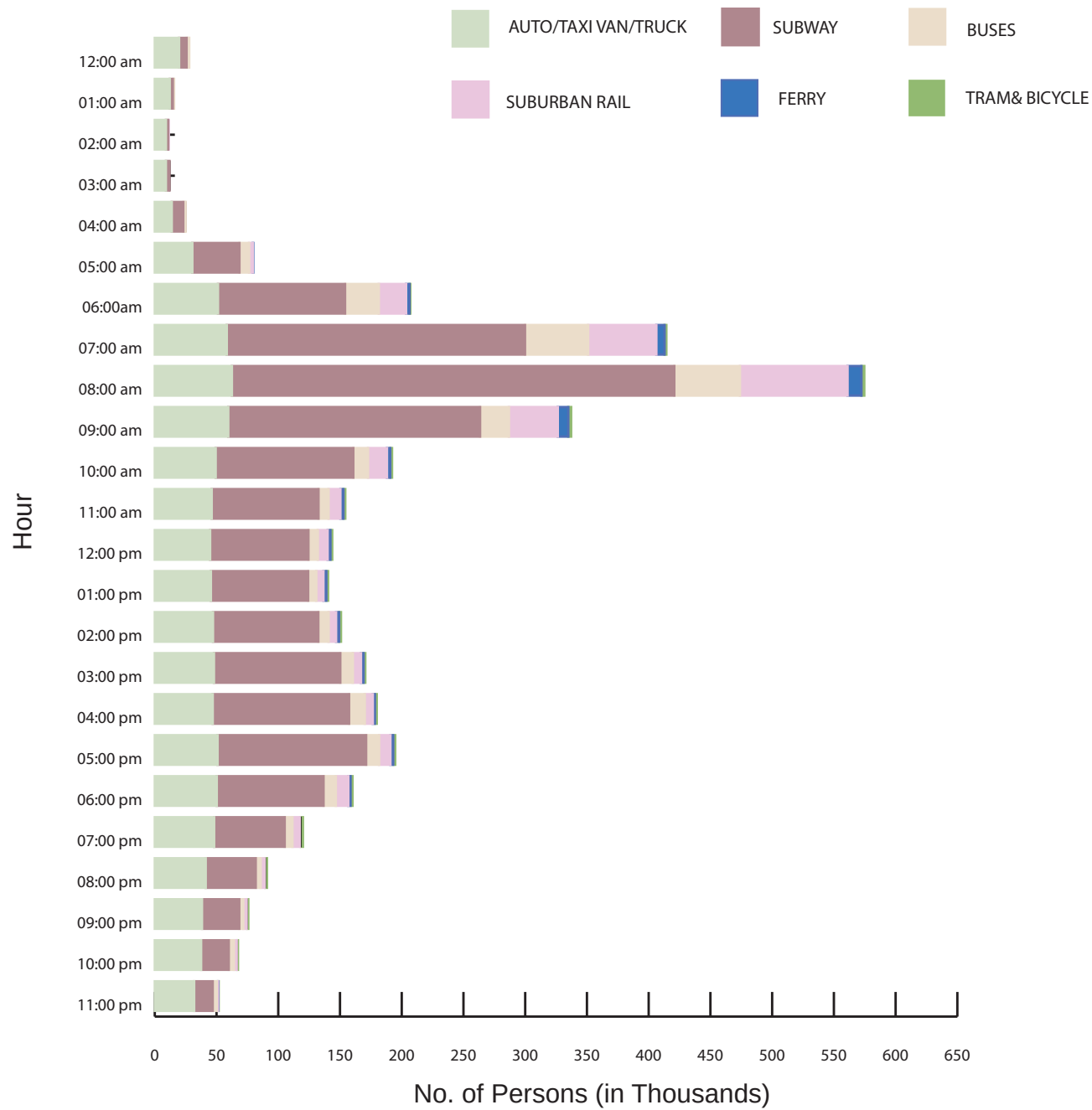


CHART 4
PERSONS LEAVING THE HUB
BY HOUR AND MODE

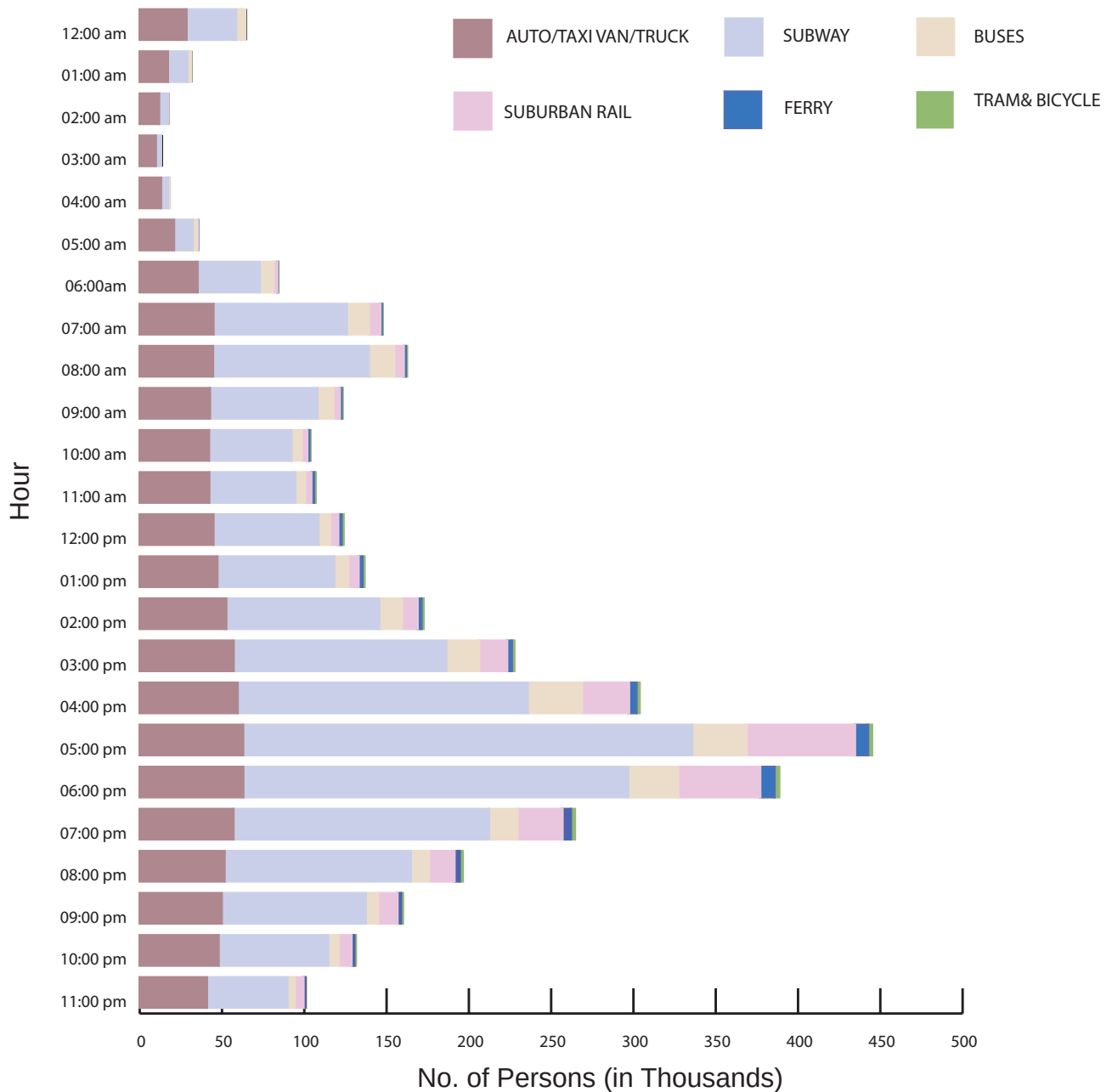


CHART 5
PRIVATE VEHICLES ENTERING THE HUB
BY HOUR
FOR YEARS 2007, 2008, 2009

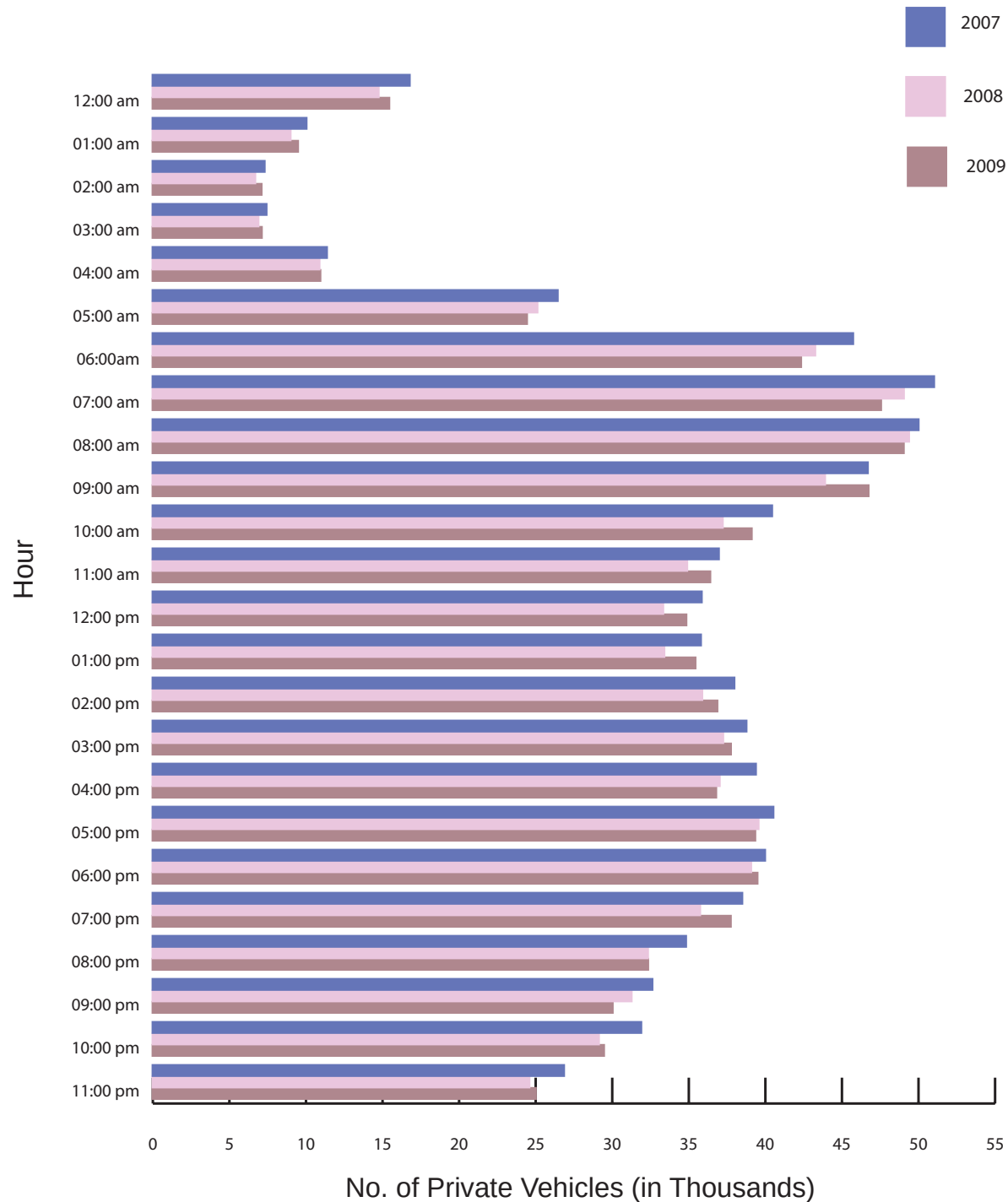


CHART 6
PRIVATE VEHICLES LEAVING THE HUB
BY HOUR
FOR YEARS 2007, 2008, 2009

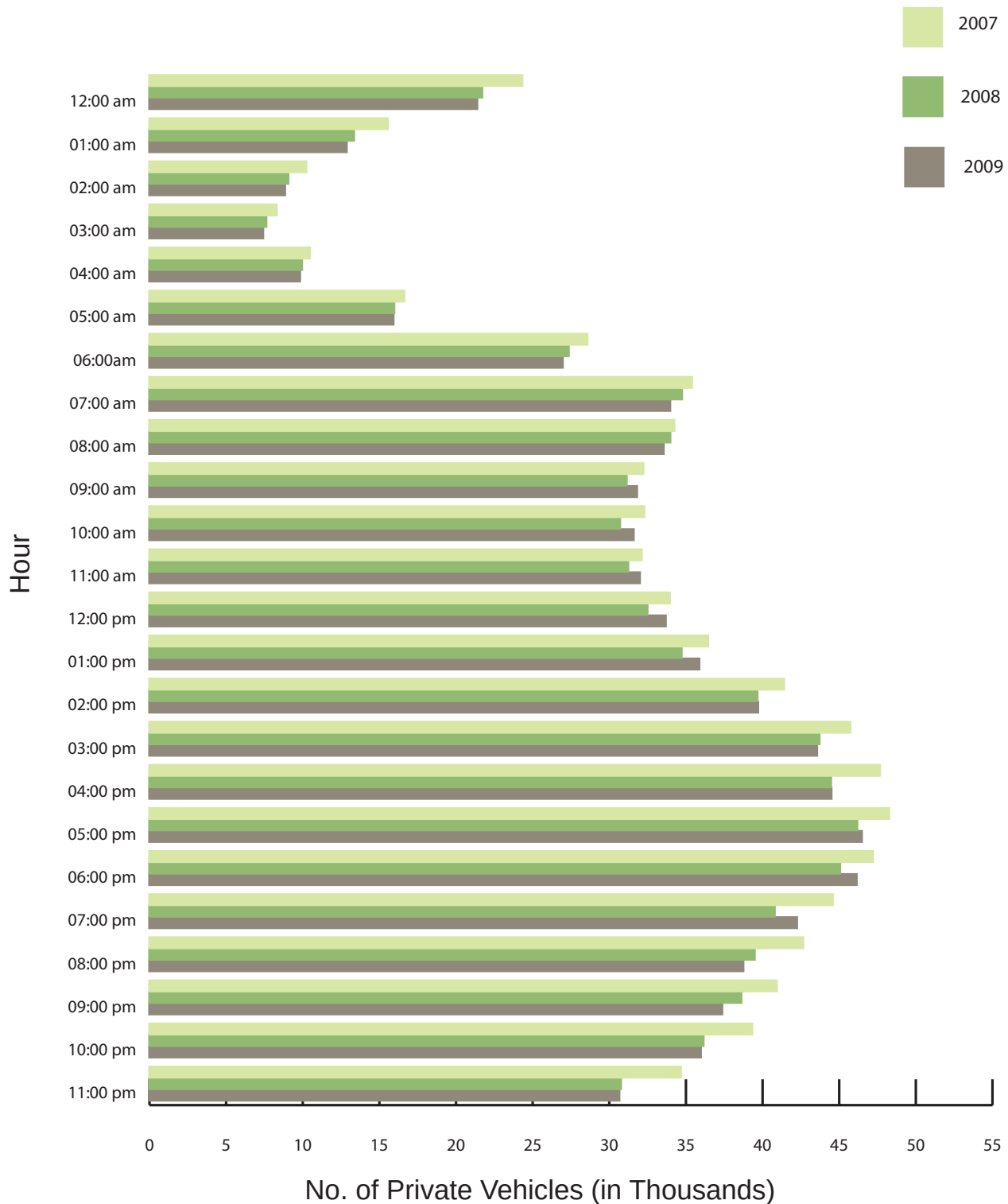


CHART 7

HOURLY FLUCTUATION OF VEHICLES ENTERING AND LEAVING THE HUB

BY HOUR

in 2009

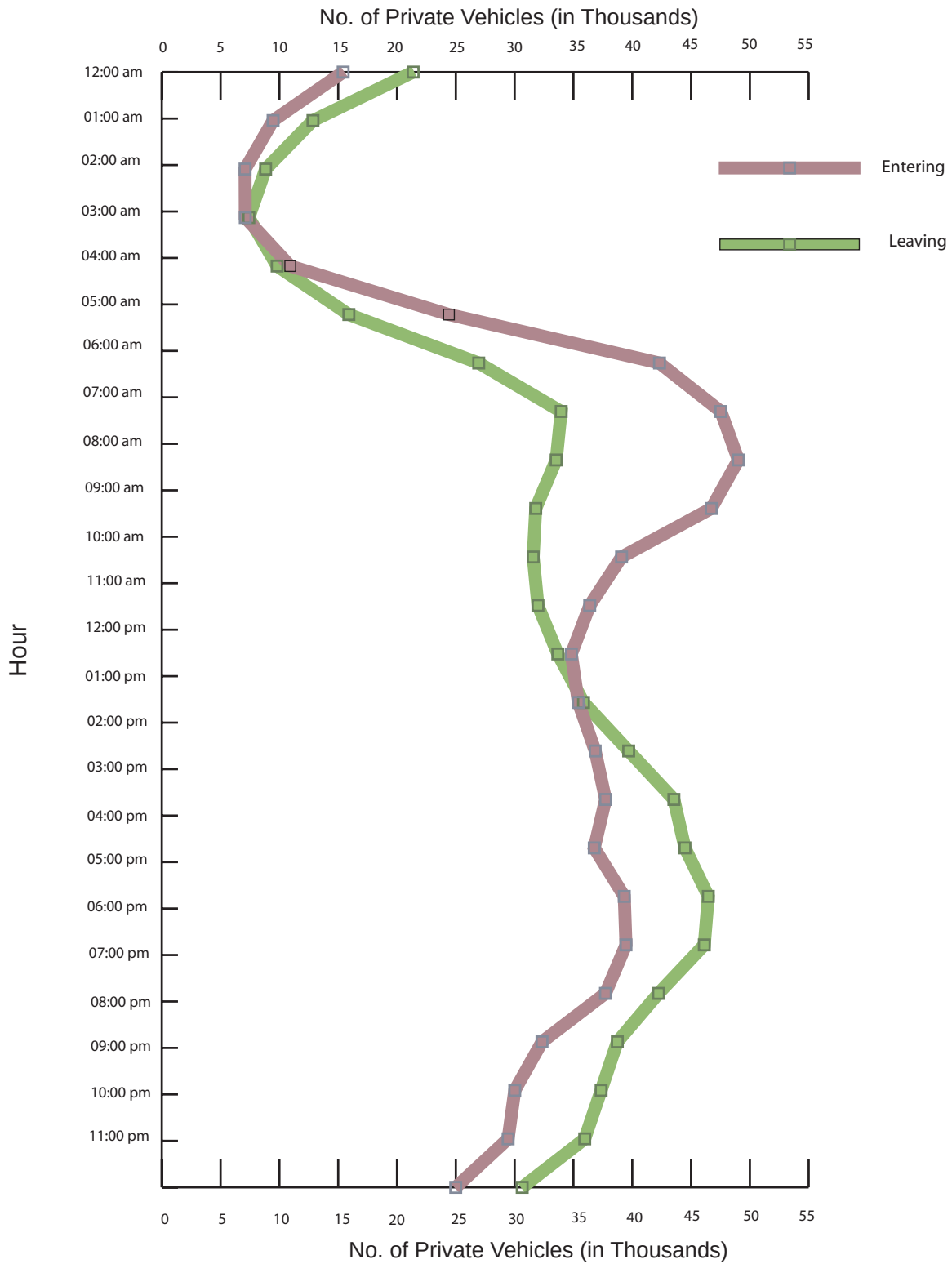
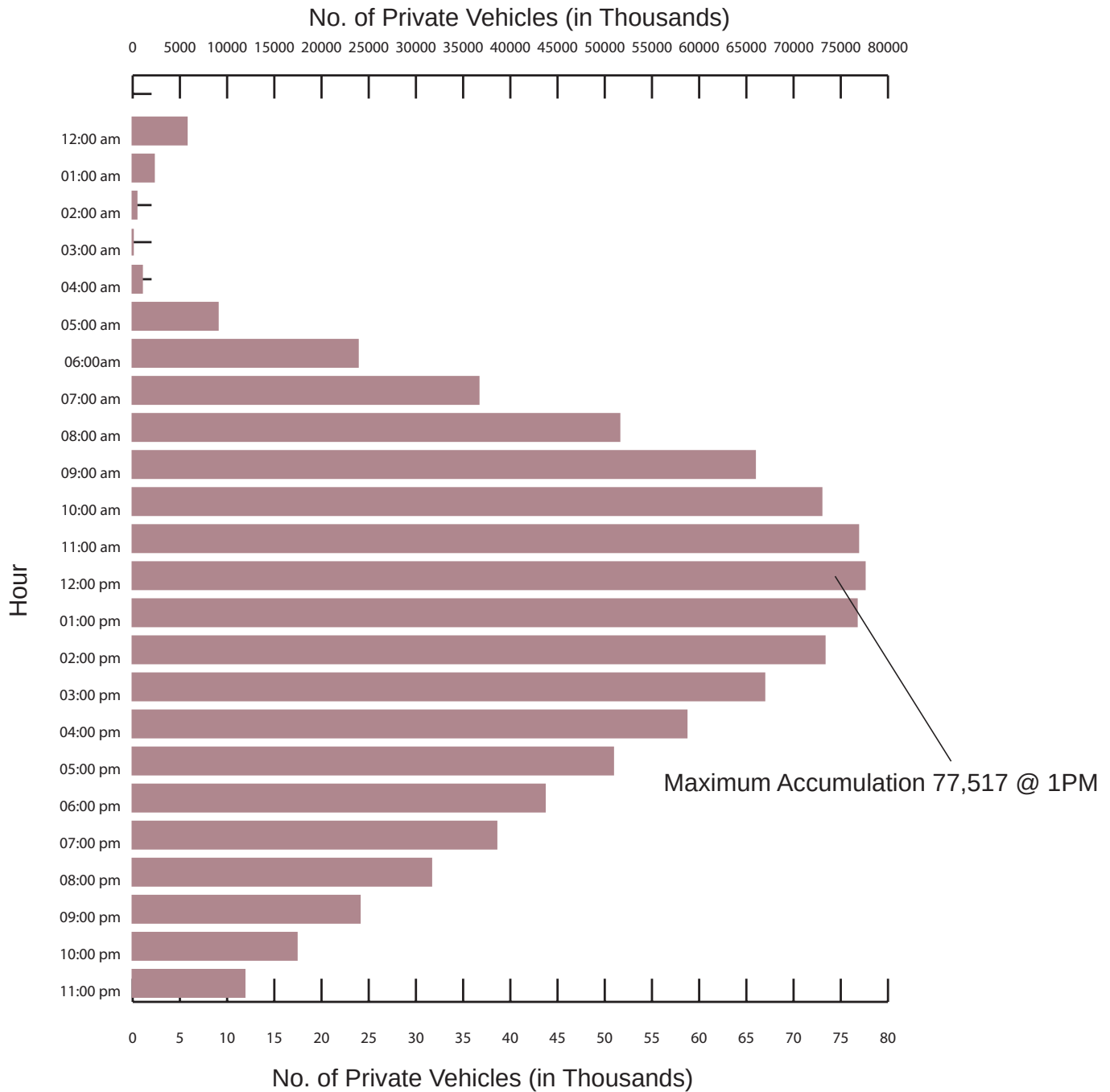


CHART 8

HOURLY ACCUMULATION OF VEHICLES

BY HOUR

in 2009



QUICK REFERENCE DATA

Persons Entering and Leaving the Hub by Mode and Sector in 2009

SECTOR / MODE	Entering	Leaving	Total
60TH STREET			
SUBWAY	756,929	733,044	1,489,973
AUTOS, TAXIS, VANS AND TRUCKS	450,984	466,039	917,023
BUS	43,264	44,537	87,801
SUBURBAN AND INTERCITY RAIL	101,670	98,726	200,396
FERRY	44	41	85
BICYCLE	13,294	12,947	26,241
TOTAL 60TH STREET SECTOR - ALL MODES	1,366,185	1,355,334	2,721,519
BROOKLYN			
SUBWAY	694,808	676,510	1,371,318
AUTOS, TAXIS, VANS AND TRUCKS	216,573	234,090	450,663
BUS	25,865	23,803	49,668
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	227	240	467
BICYCLE	6,462	5,561	12,023
TOTAL BROOKLYN SECTOR - ALL MODES	943,935	940,204	1,884,139
QUEENS (and TRAMWAY)			
SUBWAY	430,862	442,528	873,390
AUTOS, TAXIS, VANS AND TRUCKS	171,290	170,256	341,546
BUS	14,089	11,995	26,084
SUBURBAN AND INTERCITY RAIL	115,958	113,716	229,674
FERRY	32	23	55
BICYCLE	1,810	1,506	3,316
TRAMWAY	3,109	3,091	6,200
TOTAL QUEENS SECTOR - ALL MODES	737,150	743,115	1,480,265
NEW JERSEY			
SUBWAY and PATH	111,030	106,273	217,303
AUTOS, TAXIS, VANS AND TRUCKS	112,304	115,437	227,741
BUS	190,548	178,127	368,675
SUBURBAN AND INTERCITY RAIL	83,152	70,057	153,209
FERRY	16,300	14,799	31,099
BICYCLE	-	-	-
TOTAL NEW JERSEY SECTOR - ALL MODES	513,334	484,693	998,027
STATEN ISLAND (via FERRY)			
SUBWAY	-	-	-
AUTOS, TAXIS, VANS AND TRUCKS	-	-	-
BUS (1)	-	-	-
SUBURBAN AND INTERCITY RAIL	-	-	-
FERRY	36,027	37,119	73,146
BICYCLE	226	232	458
TOTAL STATEN ISLAND (via FERRY)	36,253	37,351	73,604
ALL SECTORS			
SUBWAY	1,993,629	1,958,355	3,951,984
AUTOS, TAXIS, VANS AND TRUCKS	951,151	985,822	1,936,973
BUS	273,766	258,462	532,228
SUBURBAN AND INTERCITY RAIL	300,780	282,499	583,279
FERRY	52,630	52,222	104,852
BICYCLE	21,792	20,246	42,038
TRAMWAY	3,109	3,091	6,200
TOTAL ALL SECTORS - ALL MODES	3,596,857	3,560,697	7,157,554

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Appendix I

Time Series Tables - 2009

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

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

	1932		1940		1948		1956		1960		1963		1971		1975	
PERSONS BY MODE																
AUTO, TAXI, VAN & TRUCK	516	19.1%	619	18.9%	657	17.8%	828	25.0%	954	28.5%	846	25.7%	914	28.9%	895	29.8%
BUS	40	1.5%	150	4.6%	290	7.9%	243	7.3%	243	7.3%	252	7.7%	256	8.1%	232	7.7%
TROLLEY	88	3.3%	59	1.8%	24	0.7%	3	0.1%	-	-	-	-	-	-	-	-
SUBWAY	1,752	65.0%	2,169	66.3%	2,389	64.7%	1,970	59.5%	1,913	57.1%	1,977	60.1%	1,789	56.5%	1,679	55.8%
RAILROAD	216	8.0%	206	6.3%	283	7.7%	233	7.0%	203	6.1%	177	5.4%	172	5.4%	171	5.7%
PASSENGER FERRY	85	3.2%	68	2.08%	48	1.3%	36	1.1%	36	1.1%	38	0.0116	36	1.1%	31	1.0%
TOTAL	2,697	-	3,271	-	3,691	-	3,313	-	3,349	-	3,290	-	3,167	-	3,008	-
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,046	38.8%	1,320	40.4%	1,599	43.3%	1,422	42.9%	1,441	43.0%	1,388	42.2%	1,279	40.4%	1,209	40.2%
BROOKLYN	946	35.1%	1,074	32.8%	1,124	30.5%	950	28.7%	922	27.5%	919	27.9%	876	27.7%	806	26.8%
QUEENS	355	13.2%	538	16.4%	602	16.3%	613	18.5%	641	19.1%	615	18.7%	659	20.8%	661	22.0%
NEW JERSEY	309	11.5%	302	9.2%	326	8.8%	292	8.8%	306	9.1%	328	10.0%	316	10.0%	300	10.0%
STATEN ISLAND	41	1.5%	37	1.1%	40	1.1%	36	1.1%	39	1.2%	40	1.2%	37	1.2%	32	1.1%
TOTAL	2,697	-	3,271	-	3,691	-	3,313	-	3,349	-	3,290	-	3,167	-	3,008	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																
NORTH OF 60TH STREET	150	51.2%	191	54.4%	209	53.9%	259	49.9%	293	49.7%	273	48.8%	310	48.0%	288	45.9%
BROOKLYN	69	23.5%	84	23.9%	79	20.4%	126	24.3%	139	23.6%	124	22.2%	157	24.3%	157	25.0%
QUEENS	46	15.7%	40	11.4%	56	14.4%	71	13.7%	87	14.7%	89	15.9%	103	15.9%	104	16.6%
NEW JERSEY	26	8.9%	35	10.0%	43	11.1%	61	11.8%	69	11.7%	71	12.7%	75	11.6%	78	12.4%
STATEN ISLAND	2	0.7%	1	0.3%	1	0.3%	2	0.4%	2	0.3%	2	0.4%	1	0.2%	1	0.2%
TOTAL	293	-	351	-	388	-	519	-	590	-	559	-	646	-	628	-

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

	1980		1981		1982		1985		1986		1988		1990		1992	
PERSONS BY MODE																
AUTO, TAXI, VAN & TRUCK	930	30.9%	970	31.6%	1,069	33.1%	1,167	34.7%	1,137	33.5%	1,156	33.3%	1,112	33.5%	1,146	34.4%
BUS	253	8.4%	243	7.9%	275	8.5%	297	8.8%	267	7.9%	242	7.0%	238	7.2%	225	6.7%
SUBWAY	1,579	52.4%	1,614	52.5%	1,632	50.5%	1,641	48.8%	1,727	50.9%	1,798	51.7%	1,698	51.1%	1,699	50.9%
RAILROAD	218	7.2%	218	7.1%	214	6.6%	219	6.5%	224	6.6%	234	6.7%	228	6.9%	223	6.7%
PASSENGER FERRY	29	1.0%	25	0.8%	39	1.2%	34	1.0%	34	1.0%	41	1.2%	44	1.3%	41	1.2%
TRAM	4	0.1%	4	0.13%	4	0.1%	4	-	3	0.1%	4	0%	2	0.1%	1	0.0%
TOTAL	3,013	-	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,335	-
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,192	39.6%	1,217	39.6%	1,302	40.3%	1,337	39.8%	1,338	39.4%	1,405	40.4%	1,299	39.1%	1,352	40.5%
BROOKLYN	806	26.8%	831	27.0%	858	26.5%	903	26.9%	915	27.0%	924	26.6%	903	27.2%	871	26.1%
QUEENS	655	21.7%	654	21.3%	654	20.2%	683	20.3%	695	20.5%	700	20.1%	670	20.2%	677	20.3%
NEW JERSEY	327	10.9%	342	11.1%	374	11.6%	401	11.9%	406	12.0%	403	11.6%	411	12.4%	402	12.1%
STATEN ISLAND	29	1.0%	26	0.8%	41	1.3%	34	1.0%	35	1.0%	39	1.1%	37	1.1%	33	1.0%
ROOSEVELT ISLAND	4	0.1%	4	0.1%	4	0.1%	4	0.1%	3	0.1%	4	0.1%	2	0.06%	1	0.03%
TOTAL	3,013	-	3,074	-	3,233	-	3,362	-	3,392	-	3,475	-	3,322	-	3,336	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																
NORTH OF 60TH STREET	300	46.3%	320	47.1%	341	48.6%	363	47.1%	352	46.7%	361	47.1%	349	45.9%	382	49.2%
BROOKLYN	159	24.5%	165	24.3%	166	23.7%	199	25.8%	192	25.5%	188	24.5%	206	27.1%	185	23.8%
QUEENS	105	16.2%	105	15.5%	99	14.1%	110	14.3%	111	14.7%	117	15.3%	104	13.7%	108	13.9%
NEW JERSEY	83	12.8%	88	13.0%	94	13.4%	97	12.6%	97	12.9%	99	12.9%	101	13.3%	101	13.0%
STATEN ISLAND	1	0.2%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.13%	-	-
TOTAL	648	-	679	-	701	-	770	-	753	-	766	-	761	-	776	-

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

	1993		1994		1995		1996		1997		1998		1999		2000	
PERSONS BY MODE																
AUTO, TAXI, VAN & TRUCK	1,124	33.8%	1,115	33.0%	1,138	33.4%	1,147	33.2%	1,233	34.5%	1,316	35.9%	1,302	34.7%	1,268	33.9%
BUS	219	6.6%	220	6.5%	216	6.3%	220	6.4%	238	6.6%	231	6.3%	237	6.3%	228	5.9%
SUBWAY	1,712	51.4%	1,765	52.2%	1,770	51.9%	1,790	51.8%	1,772	50.4%	1,817	49.5%	1,905	50.7%	1,989	51.1%
RAILROAD	226	6.8%	233	6.9%	236	6.9%	246	7.1%	251	7.0%	254	6.9%	274	7.3%	301	7.7%
PASSENGER FERRY	42	1.2%	42	1.2%	42	1.2%	41	1.2%	43	1.2%	43	1.1%	57	1.5%	46	1.2%
TRAM	7	0.2%	2	0.05%	2	0.0%	2	0.1%	1	0.1%	1	0.1%	1	0.0%	1	0.0%
BICYCLE									8	0.21%	8	0.22%	14	0.37%	6	0.20%
TOTAL	3,330	-	3,382	-	3,410	-	3,454	-	3,546	-	3,670	-	3,790	-	3,839	-
PERSONS BY SECTOR																
NORTH OF 60TH STREET	1,341	40.3%	1,359	40.2%	1,385	41.0%	1,376	40.1%	1,376	38.5%	1,419	38.7%	1,494	39.5%	1,484	39.6%
BROOKLYN	875	26.3%	868	25.7%	865	25.6%	883	25.7%	964	27.8%	991	27.0%	991	26.2%	1,040	27.1%
QUEENS	675	20.3%	696	20.6%	702	20.8%	705	20.5%	712	19.9%	764	20.8%	784	20.7%	787	21.3%
NEW JERSEY	408	12.2%	427	12.6%	425	12.6%	437	12.7%	460	12.9%	463	12.6%	481	12.7%	497	14.3%
STATEN ISLAND	32	1.0%	30	0.9%	30	0.9%	30	0.9%	31	0.9%	31	0.8%	39	1.0%	30	0.8%
ROOSEVELT ISLAND	-	-	2	0.05%	2	0.05%	2	0.06%	1	0.10%	1	0.04%	1	0.04%	1	0.04%
TOTAL	3,330	-	3,382	-	3,410	-	3,433	-	3,544	-	3,669	-	3,790	-	3,839	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																
NORTH OF 60TH STREET	370	48.6%	358	47.5%	361	47.9%	375	48.3%	377	46.6%	389	46.5%	393	46.6%	387	46.7%
BROOKLYN	182	23.9%	185	24.5%	189	25.1%	182	23.5%	199	24.6%	206	24.6%	203	24.1%	201	24.1%
QUEENS	107	14.1%	107	14.2%	117	15.5%	119	15.30%	131	16.2%	138	16.5%	135	16.0%	131	15.9%
NEW JERSEY	102	13.4%	104	13.7%	104	13.8%	100	12.9%	101	12.5%	102	12.2%	112	13.3%	105	13.4%
STATEN ISLAND	-	-	0	0.03%	0	0.03%	0	0.00%	1	0.07%	1	0.12%	1	0.12%	0	0.04%
TOTAL	760	-	755	-	772	-	776	-	809	-	836	-	844	-	825	-

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

	2001		2002		2003		2004		2005		2006		2007		2008		2009	
PERSONS BY MODE																		
AUTO, TAXI, VAN & TRUCK	998	28.8%	1,136	31.1%	1,179	32.6%	1,172	31.8%	1,016	28.5%	1,009	28.0%	993	26.5%	939	24.7%	951	26.4%
BUS	257	7.4%	260	7.1%	261	7.2%	286	7.8%	280	7.8%	284	7.9%	291	7.8%	284	7.5%	274	7.6%
SUBWAY	1,891	54.5%	1,878	51.4%	1,821	50.3%	1,887	51.2%	1,926	54.0%	1,944	54.0%	2,085	55.8%	2,195	57.8%	1,994	55.4%
RAILROAD	288	8.3%	307	8.4%	288	7.9%	274	7.5%	284	8.0%	299	8.3%	305	8.1%	310	8.2%	300	8.3%
PASSENGER FERRY	30	0.9%	67	1.8%	62	1.7%	53	1.4%	52	1.5%	49	1.4%	49	1.3%	53	1.4%	52	1.4%
TRAM	1	0.0%	1	0.03%	1	0.0%	2	0.0%	2	0.1%	3	0.00073	3	0.1%	3	0.1%	3	0.1%
BICYCLE	6	0.17%	7	0.19%	9	0.26%	9	0.25%	9	0.25%	12	0.33%	15	0.39%	15	0.39%	21	0.58%
TOTAL	3,471	-	3,657	-	3,621	-	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-
PERSONS BY SECTOR																		
NORTH OF 60TH STREET	1,346	38.8%	1,395	38.2%	1,399	38.7%	1,386	37.6%	1,405	39.4%	1,401	38.9%	1,406	37.6%	1,465	38.6%	1,366	38.0%
BROOKLYN	927	26.7%	987	27.0%	977	27.0%	1,012	27.5%	901	25.2%	909	25.2%	986	26.4%	989	26.0%	944	26.2%
QUEENS	772	22.3%	765	20.9%	740	20.4%	752	20.4%	735	20.6%	742	20.6%	779	20.8%	778	20.5%	737	20.5%
NEW JERSEY	424	12.2%	476	13.0%	473	13.1%	499	13.6%	493	13.8%	515	14.3%	536	14.3%	528	13.9%	513	14.3%
STATEN ISLAND	0	0.0%	33	0.9%	30	0.8%	32	0.9%	33	0.9%	30	0.8%	30	0.8%	35	0.9%	36	1.0%
ROOSEVELT ISLAND	1	0.03%	1	0.04%	1	0.04%	2	0.05%	2	0.06%	3	0.07%	3	0.08%	3	0.1%	-	-
TOTAL	3,471	-	3,657	-	3,621	-	3,682	-	3,569	-	3,600	-	3,740	-	3,799	-	3,597	-
MOTOR VEHICLES BY SECTOR (AUTOS, TAXIS, VANS, TRUCKS)																		
NORTH OF 60TH STREET	369	53.5%	377	48.0%	383	47.3%	384	47.1%	377	47.2%	364	45.8%	353	45.1%	339	45.8%	343	45.7%
BROOKLYN	133	19.3%	178	22.7%	185	22.9%	195	24.0%	187	23.5%	186	23.5%	192	24.5%	176	23.8%	182	24.3%
QUEENS	127	18.4%	133	16.9%	139	17.2%	133	16.4%	133	16.7%	141	17.8%	136	17.4%	131	17.7%	137	18.3%
NEW JERSEY	60	8.8%	97	12.3%	103	12.7%	102	12.6%	101	12.7%	103	12.9%	102	13.1%	94	12.7%	87	11.6%
STATEN ISLAND	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
TOTAL	689	-	785	-	810	-	815	-	798	-	794	-	783	-	739	-	750	-

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

YEAR / MODE	1990		1991		1992		1993		1994		1995		1996		1997		1998	
AUTO, TAXI, VAN & TRUCK	221	15.6%	220	15.5%	224	15.9%	216	15.6%	218	15.6%	219	15.8%	228	16.3%	252	17.8%	263	18.4%
BUS	129	9.1%	126	8.9%	121	8.6%	121	8.8%	121	8.7%	119	8.6%	122	8.7%	117	8.3%	120	8.4%
SUBWAY	877	61.8%	891	62.7%	873	62.1%	859	62.2%	866	62.0%	855	61.7%	858	61.2%	845	59.8%	839	58.5%
RAILROAD	164	11.6%	159	11.2%	161	11.5%	159	11.5%	165	11.8%	165	11.9%	169	12.0%	171	12.1%	193	13.5%
PASSENGER FERRY	26	1.8%	23	1.6%	25	1.8%	25	1.8%	24	1.7%	24	1.7%	24	1.7%	25	1.8%	15	1.0%
TRAMWAY	1	0.1%	1	0.1%	1	0.1%	-	0.0%	1	0.1%	1	0.1%	0	0.0%	1	0.1%	1	0.1%
BICYCLE											2	0.1%	2	0.1%	1	0.1%	2	0.1%
TOTAL	1,418	-	1,420	-	1,405	-	1,381	-	1,396	-	1,385	-	1,403	-	1,412	-	1,433	-

YEAR / MODE	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
AUTO, TAXI, VAN & TRUCK	259	17.0%	179	13.1%	220	15.6%	239	17.2%	228	16.6%	193	14.3%	193	14.5%	186	12.8%	180	12.4%	180	13.7%
BUS	131	8.6%	132	9.7%	138	9.8%	140	10.1%	136	9.9%	132	9.8%	135	10.1%	139	9.5%	134	9.2%	128	9.7%
SUBWAY	958	62.7%	851	62.2%	813	57.8%	787	56.7%	804	58.6%	809	60.2%	785	59.2%	918	62.9%	915	63.3%	804	61.1%
RAILROAD	154	10.1%	183	13.4%	196	13.9%	184	13.2%	172	12.5%	180	13.4%	184	13.8%	188	12.9%	187	12.9%	182	13.8%
PASSENGER FERRY	23	1.5%	21	1.5%	39	2.7%	36	2.6%	29	2.1%	28	2.1%	28	2.1%	24	1.6%	26	1.8%	26	1.2%
TRAMWAY	1	0.0%	0	0.0%	0	0.0%	1	0.0%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%	1	0.1%
BICYCLE	1	0.1%	1	0.1%	2	0.1%	2	0.2%	2	0.2%	2	0.2%	2	0.1%	3	0.2%	4	0.3%	5	0.4%
TOTAL	1,536	-	1,368	-	1,408	-	1,388	-	1,372	-	1,346	-	1,328	-	1,460	-	1,446	-	1,326	-

Percentages may not total to 100 due to rounding

TABLE 2
SHARE OF PEOPLE ENTERING THE HUB IN PEAK HOUR AND PEAK PERIOD TO TOTAL, BY MODE (as a percentage*)

YEAR	SHARE OF TOTAL DAILY ENTRIES BY OCCUPANTS					
	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
1960	8.6%	23.1%	32.2%	59.4%	25.3%	48.5%
1963	8.8%	22.7%	31.2%	58.2%	25.1%	48.4%
1973	8.0%	22.2%	31.4%	60.6%	24.3%	48.6%
1974	8.1%	22.8%	31.6%	59.5%	24.8%	48.8%
1975	8.1%	22.4%	30.1%	59.0%	24.3%	48.4%
1976	8.1%	22.2%	31.9%	59.6%	24.5%	47.9%
1977	8.3%	22.9%	32.3%	60.6%	24.8%	48.8%
1978	8.0%	22.5%	30.6%	58.7%	23.5%	47.5%
1979	8.1%	22.4%	30.8%	59.0%	23.8%	47.7%
1980	8.5%	23.1%	31.7%	60.2%	24.6%	48.8%
1981	8.4%	23.4%	31.1%	60.0%	23.9%	48.8%
1982	8.5%	23.4%	30.9%	59.3%	23.7%	47.9%
1983	8.4%	23.5%	30.3%	59.0%	23.2%	47.0%
1984	8.2%	23.1%	31.1%	59.9%	23.3%	47.4%
1985	7.9%	22.2%	30.5%	59.9%	22.6%	46.7%
1986	7.8%	22.1%	27.7%	56.7%	21.0%	45.1%
1987	7.8%	22.0%	26.6%	56.3%	20.2%	44.6%
1988	7.7%	21.6%	26.4%	56.0%	20.1%	44.5%
1989	7.6%	21.6%	27.1%	56.6%	20.8%	45.2%
1990	7.0%	19.9%	25.6%	54.2%	19.4%	42.7%
1991	6.9%	19.8%	25.9%	54.1%	19.6%	42.6%
1992	6.8%	19.5%	25.2%	53.9%	18.9%	42.1%
1993	6.6%	19.2%	24.8%	52.8%	18.7%	41.5%
1994	6.7%	19.5%	24.0%	52.0%	18.3%	41.3%
1995	6.7%	19.3%	23.8%	51.3%	18.1%	40.6%
1996	7.0%	19.9%	23.8%	50.9%	18.2%	40.6%
1997	7.3%	19.9%	23.3%	50.3%	17.6%	39.3%
1998	7.1%	20.0%	22.8%	48.9%	17.2%	38.5%
2000	7.4%	20.2%	22.0%	49.4%	17.0%	39.5%
2001	6.2%	17.9%	21.5%	48.1%	17.1%	39.4%
2002	6.6%	19.3%	21.3%	47.2%	16.8%	38.5%
2003	7.0%	20.2%	21.5%	47.2%	16.7%	38.3%
2004	6.6%	19.5%	20.8%	45.6%	16.2%	37.3%
2005	6.6%	19.0%	19.9%	45.2%	16.1%	37.7%
2006	6.6%	19.1%	19.5%	43.9%	15.8%	36.8%
2007	6.4%	18.8%	20.6%	45.6%	16.8%	38.4%
2008	6.7%	19.2%	19.9%	43.9%	16.7%	37.8%
2009	6.6%	18.9%	19.4%	43.5%	16.0%	36.9%

* Percentages express the peak-period share of private motor vehicle and public transportation to total of 24-hour period person entries, respectively.

TABLE 3
TOTAL PERSONS ENTERING THE HUB DURING MORNING PEAK
HOUR, PEAK PERIOD AND CBD EMPLOYMENT

YEAR	24 HOURS	MORNING PEAK 7-10 AM	PEAK PERIOD 8-9 AM	CBD EMPLOYMENT*
1960	3,349,000	1,627,000	848,000	2,007,000
1971	3,179,000	1,574,700	805,300	1,913,000
1976	2,852,300	1,367,300	699,600	1,689,000
1977	2,862,300	1,395,600	708,600	1,673,000
1978	2,870,300	1,360,400	675,700	1,722,000
1979	2,931,000	1,417,200	705,600	1,758,000
1980	3,013,000	1,467,300	739,200	1,777,000
1981	3,074,600	1,489,500	735,300	1,835,000
1982	3,233,400	1,509,500	749,100	1,852,000
1983	3,267,700	1,521,800	751,700	1,876,000
1984	3,274,100	1,551,100	763,300	1,915,000
1985	3,361,600	1,569,600	758,600	1,942,000
1986	3,392,300	1,530,100	713,000	1,964,000
1987	3,415,300	1,524,600	691,200	2,009,000
1988	3,474,500	1,547,400	700,300	1,987,000
1989	3,482,200	1,574,600	724,900	1,989,000
1990	3,321,700	1,418,200	642,800	1,967,000
1991	3,331,600	1,420,300	652,700	1,858,000
1992	3,336,000	1,404,000	629,400	1,810,000
1993	3,330,000	1,380,800	622,000	1,805,000
1994	3,382,500	1,396,200	619,800	1,821,000
1995	3,410,200	1,384,100	616,500	1,828,000
1996	3,455,700	1,403,800	629,600	1,850,000
1997	3,545,460	1,412,700	638,100	1,879,600
1998	3,670,000	1,415,000	630,900	1,940,000
1999	3,790,000	N/A	N/A	2,005,000
2000	3,840,000	1,524,000	661,680	2,152,000
2001	3,471,000	1,367,200	593,500	2,128,000
2002	3,658,919	1,461,540	633,000	1,971,000
2003	3,620,813	1,384,803	602,987	2,010,000
2004	3,682,207	1,372,142	598,138	2,064,000
2005	3,568,742	1,345,676	574,161	2,217,000
2006	3,599,747	1,326,241	569,355	2,241,000
2007	3,739,966	1,459,848	639,984	2,265,000
2008	3,798,984	1,446,037	633,408	2,288,477
2009	3,596,857	1,326,141	574,615	2,275,090

* Estimated non-agricultural employment data estimated based on New York State Department of Labor.
 N/A Data were lost on 9/11/01

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

YEAR	PERSONS				MOTOR VEHICLES			
	MAXIMUM TRAVELER ACCUM.	CBD RESIDENTS*	MAXIMUM CBD ACCUM.	TIME OF MAXIMUM ACCUM.	MAXIMUM TRAVELER ACCUM.	CBD BASED VEHICLES *	MAXIMUM CBD ACCUM.	TIME OF MAXIMUM ACCUM.
1971	1,545,000	508,000	2,053,000	1:00 PM	109,500	96,400	205,900	1:00pm
1973	1,407,000	507,000	1,914,000	1:00 PM	89,300	92,800	182,100	2:00pm
1974	1,411,000	510,000	1,921,000	1:00 PM	85,700	90,000	175,700	2:00pm
1975	1,402,000	502,000	1,904,000	1:00 PM	84,400	88,500	172,900	2:00pm
1976	1,319,000	507,000	1,826,000	1:00 PM	93,500	82,300	175,800	1:00pm
1977	1,356,000	505,000	1,861,000	1:00 PM	97,400	79,600	177,000	2:00pm
1978	1,329,000	503,000	1,832,000	1:00 PM	96,900	79,800	176,700	2:00pm
1979	1,388,000	504,000	1,892,000	2:00 PM	101,500	79,000	180,500	2:00pm
1980	1,436,000	508,000	1,944,000	1:00 PM	101,500	77,400	178,900	2:00pm
1981	1,446,000	508,000	1,954,000	1:00 PM	97,400	78,200	175,600	2:00pm
1982	1,487,000	508,000	1,995,000	1:00 PM	102,100	78,600	180,700	2:00pm
1983	1,500,000	507,000	2,007,000	1:00 PM	105,800	77,800	183,600	1:00pm
1984	1,511,000	513,000	2,024,000	1:00 PM	125,300	77,900	203,200	2:00pm
1985	1,471,000	521,000	1,992,000	1:00 PM	104,000	81,000	185,000	1:00pm
1986	1,485,000	525,000	2,010,000	1:00 PM	107,200	85,000	192,200	1:00pm
1987	1,448,000	526,000	1,974,000	1:00 PM	110,900	86,200	197,100	2:00pm
1988	1,447,000	530,000	1,977,000	2:00 PM	100,800	87,800	188,600	1:00pm
1989	1,481,000	531,000	2,012,000	1:00 PM	101,300	88,300	189,600	2:00pm
1990	1,318,000	528,000	1,846,000	1:00 PM	101,800	90,100	191,900	1:00pm
1991	1,325,000	530,000	1,855,000	1:00 PM	102,300	88,400	190,700	1:00pm
1992	1,262,000	529,000	1,791,000	1:00 PM	96,300	84,600	180,900	1:00pm
1993	1,250,000	530,900	1,780,900	1:00 PM	94,100	85,800	179,900	2:00pm
1994	1,273,000	535,000	1,808,000	1:00 PM	97,100	86,100	183,200	2:00pm
1995	1,277,000	539,000	1,816,000	1:00 PM	94,100	86,100	180,200	2:00pm
1996	1,295,000	544,000	1,839,000	1:00 PM	94,000	85,900	179,900	1:00pm
1997	1,303,000	547,000	1,850,000	1:00 PM	101,000	89,000	190,000	2:00pm
1998	1,296,000	551,000	1,847,000	1:00 PM	104,000	95,100	199,100	2:00pm
2000	1,464,000	552,000	2,015,846	1:00 PM	103,367	91,080	194,447	2:00pm
2001	1,254,000	540,000	2,016,000	1:00 PM	67,093	91,080	156,228	2:00pm
2002	1,253,800	567,000	1,805,800	1:00 PM	60,181	91,080	151,261	2:00pm
2003	1,273,519	573,000	1,821,360	1:00 PM	86,909	91,740	178,649	2:00pm
2004	1,228,259	583,000	1,783,259	2:00 PM	91,551	91,575	183,126	1:00pm
2005	1,197,459	590,000	1,172,459	2:00 PM	85,119	97,350	182,469	1:00pm
2006	1,244,863	590,000	1,834,863	2:00 PM	89,847	97,350	187,197	1:00pm
2007	1,325,609	597,000	1,922,609	1:00 PM	88,623	98,505	187,128	1:00pm
2008	1,334,179	616,883	1,951,062	1:00 PM	79,198	101,786	180,984	1:00pm
2009	1,209,458	621,000	1,830,458	2:00 PM	78,305	102,465	180,770	1:00pm

* Estimated CBD resident and vehicle figures for 2004-2009 based on most current data available.

TABLE 5
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY, 1999-2009

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BUS PASSENGERS											
60TH STREET SECTOR											
FDR DRIVE	-	-	-	-	-	-	-	-	-	-	-
YORK AVENUE	7,165	7,078	8,906	6,898	6,230	6,541	5,688	6,436	6,476	5,694	4,998
FIRST AVE/SECOND AVE	19,459	20,516	21,865	20,885	20,510	20,150	18,879	17,415	17,850	17,111	15,274
LEXINGTON AVE/THIRD AVE	16,435	19,245	22,526	18,587	17,955	18,979	20,032	18,255	16,291	14,904	15,845
MADISON AVE/FIFTH AVE	43,477	30,587	48,185	45,614	45,152	43,660	40,255	40,246	39,208	34,017	31,899
CENTRAL PK WEST	-	-	-	-	-	3,755	2,311	1,936	1,754	1,773	1,769
EIGHTH AVENUE	6,637	7,302	8,989	-	4,138	4,937	-	-	-	-	-
BROADWAY	12,923	12,117	14,722	12,610	12,296	6,858	13,994	13,751	13,796	12,524	12,501
COLUMBUS AVE/AMSTERDAM AVE	12,898	6,358	5,392	4,572	3,934	4,266	4,447	4,268	3,805	3,809	3,460
WEST END AVENUE	2,080	2,097	2,687	2,119	2,188	2,071	2,176	2,257	2,320	2,306	2,055
SECTOR TOTAL	121,074	105,300	133,272	111,285	112,403	111,217	107,782	104,564	101,500	92,138	87,801
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	2,483	3,052	2,297	3,063	3,478	3,196	3,085	2,725	2,006	1,673	1,624
MANHATTAN BRIDGE	1,076	1,015	937	919	1,110	1,055	1,025	966	1,143	1,104	941
BROOKLYN BATTERY TUNNEL	37,352	42,605	51,178	57,553	60,257	61,849	54,365	56,585	54,443	54,961	47,103
SECTOR TOTAL	40,911	46,672	54,412	61,535	64,845	66,100	58,475	60,276	57,592	57,738	49,668
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	27,355	16,965	17,625	14,249	14,832	14,099	13,897	13,821	12,503	13,350	11,922
QUEENSBORO BRIDGE	21,741	17,377	20,455	16,855	16,981	17,695	18,943	19,437	30,957	15,999	14,162
SECTOR TOTAL	49,096	34,342	38,080	31,104	31,813	31,794	32,840	33,258	43,460	29,349	26,084
NEW JERSEY SECTOR											
HOLLAND TUNNEL	15,091	14,807	6,144	32,986	32,507	29,165	30,493	30,156	31,254	30,372	39,125
LINCOLN TUNNEL	274,051	257,065	270,831	278,831	284,489	330,936	320,870	323,358	321,901	328,975	329,550
SECTOR TOTAL	289,142	271,872	276,975	311,817	316,996	360,101	351,363	353,514	353,155	359,347	368,675
TOTAL BUS PASSENGERS	500,223	458,186	502,739	515,741	526,057	569,212	550,460	551,612	555,708	538,572	532,228

TABLE 5 (continued)
TOTAL PUBLIC TRANSIT PASSENGERS AND BICYCLISTS
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY, 1999-2009

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
SUBWAY PASSENGERS											
60TH STREET SECTOR											
LEXINGTON AVENUE EXPRESS	307,652	300,899	312,473	320,534	319,384	307,149	326,309	316,427	333,511	362,887	315,458
LEXINGTON AVENUE LOCAL	293,254	328,145	326,617	317,512	306,344	308,575	325,848	350,220	356,158	375,782	336,156
EIGHTH AVENUE EXPRESS	246,420	225,443	223,484	240,539	223,148	236,076	223,296	254,554	242,080	261,309	239,780
EIGHTH AVENUE LOCAL	97,986	101,461	92,327	96,874	96,184	97,415	99,854	111,892	117,146	121,697	118,594
BROADWAY/7TH AVE EXPRESS	251,084	258,206	107,677	235,167	253,085	270,008	264,220	255,140	260,647	292,986	264,085
BROADWAY/7TH AVE LOCAL	213,910	237,117	293,601	228,164	214,778	210,844	211,275	230,279	235,659	236,796	215,900
SECTOR TOTAL	1,410,306	1,451,271	1,356,179	1,438,790	1,412,923	1,430,067	1,450,802	1,518,512	1,545,200	1,651,457	1,489,973
BROOKLYN SECTOR											
14TH STREET TUNNEL	144,558	163,549	159,771	167,472	166,911	179,382	160,273	186,532	218,035	204,379	190,536
WILLIAMSBURG BRIDGE	74,975	87,021	91,843	85,964	90,030	95,669	106,329	110,539	118,793	123,008	106,605
RUTGERS TUNNEL	110,517	125,533	140,095	135,123	127,796	119,608	107,495	120,241	128,915	125,738	119,775
MANHATTAN BRIDGE	265,455	270,321	258,327	227,934	250,242	291,391	305,442	336,620	346,144	375,358	360,574
CRANBERRY ST. TUNNEL	227,757	236,592	230,867	236,495	216,822	220,431	228,917	219,905	235,578	231,465	212,765
CLARK ST. TUNNEL	124,239	129,787	123,423	125,959	126,764	130,665	122,720	128,108	134,326	130,881	135,506
MONTAGUE ST. TUNNEL	114,625	127,688	80,052	82,759	84,107	70,759	62,245	62,832	63,793	65,579	63,028
JORALEMON ST. TUNNEL	185,956	175,815	197,364	164,511	163,787	174,052	159,614	164,618	172,737	177,643	182,529
SECTOR TOTAL	1,248,082	1,316,306	1,281,742	1,226,217	1,226,459	1,281,957	1,253,035	1,329,395	1,418,321	1,434,051	1,371,318
QUEENS SECTOR											
60TH STREET TUNNEL	215,050	249,173	249,367	247,699	233,901	222,822	249,282	240,949	257,016	274,258	253,730
53RD STREET TUNNEL	393,783	401,114	340,136	226,569	221,438	232,903	249,751	256,746	260,872	276,661	259,861
STEINWAY ST. TUNNEL	211,348	219,467	225,556	190,391	185,419	205,960	205,100	195,589	224,241	218,535	195,243
63RD STREET TUNNEL	18,511	20,722	13,460	157,410	153,682	151,738	144,357	157,292	171,310	151,162	164,556
SECTOR TOTAL	838,692	890,476	828,519	822,069	794,440	813,423	848,490	850,576	913,439	920,616	873,390
NEW JERSEY SECTOR											
PATH DOWNTOWN	129,661	143,897	-	-	-	67,653	73,373	84,586	107,509	105,271	100,234
PATH UPTOWN	76,380	96,921	179,214	141,266	130,821	100,885	106,054	115,650	121,374	125,041	117,069
SECTOR TOTAL	206,041	240,818	179,214	141,266	130,821	168,538	179,427	200,236	228,883	230,312	217,303
TOTAL SUBWAY PASSENGERS	3,703,121	3,898,871	3,645,654	3,628,342	3,564,643	3,693,985	3,731,754	3,898,719	4,105,843	4,236,436	3,951,984
SUBURBAN RAIL PASSENGERS											
AMTRAK & MTA METRO-NORTH RR	188,330	198,154	196,165	188,533	188,550	186,954	193,339	198,206	205,987	209,646	200,396
AMTRAK & MTA LIRR	253,076	266,898	240,322	264,719	225,118	223,836	224,778	230,453	236,865	240,945	229,674
AMTRAK & NJ TRANSIT	104,387	126,460	139,037	155,772	161,029	130,778	143,898	155,850	162,434	160,869	153,209
TOTAL RAIL PASSENGERS	545,793	591,512	575,524	609,024	574,697	541,568	562,015	584,509	605,286	611,460	583,279
FERRY PASSENGERS											
MANHATTAN & UPSTATE	11,391	93	670	2	3	-	-	-	97	150	85
BROOKLYN	177	118	-	1,905	1,783	597	342	368	422	905	467
QUEENS	253	359	-	474	444	280	280	84	109	116	55
STATEN ISLAND FERRY	76,873	60,583	-	64,759	59,360	61,804	63,070	61,118	64,187	71,390	73,146
NEW JERSEY	25,155	24,191	54,680	61,631	57,668	39,615	36,328	35,004	36,268	32,595	31,099
TOTAL FERRY PASSENGERS	113,849	85,344	55,350	128,771	119,257	102,297	100,020	96,574	101,083	105,156	104,852
ROOSEVELT ISLAND TRAMWAY	2,480	3,027	2,282	2,318	2,364	3,483	4,426	5,535	5,756	6,107	6,200
TOTAL PUBLIC TRANSIT PSGRS	4,823,429	5,041,114	4,781,550	4,884,195	4,787,019	4,910,544	4,948,675	5,136,949	5,373,676	5,497,731	5,178,543
BICYCLE	14,650	12,367	10,982	12,988	17,251	16,931	16,292	22,268	27,859	28,677	42,038

Note: Zeros displayed for PATH and ferry service from 2001-2003 reflect service suspended after 9/11/01. Zeros for Manhattan ferry service 2004-2006 reflect non-operational routes.

TABLE 6
TOTAL RAIL TRAINS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2000-2009)

SECTOR AND FACILITY	2000		2001		2002		2003			2004			2005			2006			2007			2008			2009		
	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK	AM PEAK	PM PEAK	OFF PEAK
60TH STREET SECTOR																											
LEXINGTON AVE EXPRESS	138	450	128	482	128	480	65	63	503	64	64	497	70	67	491	65	61	495	66	62	504	68	67	485	66	54	472
LEXINGTON AVE LOCAL	116	420	101	430	105	408	51	54	418	56	54	448	54	54	447	55	50	440	56	50	441	56	55	451	53	51	467
EIGHTH AVE EXPRESS	103	437	92	443	94	473	48	46	473	49	48	497	48	47	476	49	46	485	48	46	477	48	47	475	50	47	454
EIGHTH AVE LOCAL	82	347	71	342	72	345	35	37	340	38	36	318	36	36	327	38	36	340	35	36	343	37	35	360	37	37	377
B'WAY/7TH AV EXPRESS	121	381	53	207	111	412	56	55	418	57	55	402	56	55	411	58	50	411	60	56	407	56	59	431	57	54	453
B'WAY/7TH AV LOCAL	90	388	118	578	86	402	45	41	391	40	30	397	45	42	372	45	39	401	43	42	404	45	42	413	47	40	409
AMTRAK/METRO-NORTH	249	283	217	319	218	332	115	103	332	114	102	338	116	103	345	115	103	365	119	104	372	120	105	377	120	104	378
SECTOR TOTAL	899	2,706	780	2,801	814	2,852	415	399	2,875	418	389	2,897	425	404	2,869	425	385	2,937	427	396	2,948	430	410	2,992	430	387	3,010
BROOKLYN SECTOR																											
14TH STREET TUNNEL	74	300	69	306	69	315	31	38	299	39	40	304	36	42	315	41	40	314	44	40	313	45	40	335	44	40	354
WILLIAMSBURG BRIDGE	82	340	86	357	86	360	43	43	354	42	44	332	42	42	343	42	43	345	43	44	343	43	44	369	42	43	370
RUTGERS ST. TUNNEL	71	312	66	309	66	316	37	29	308	35	35	314	36	34	307	33	35	307	35	34	315	36	31	307	33	34	314
MANHATTAN BRIDGE	140	552	154	549	154	612	67	87	616	94	87	762	98	90	758	100	90	750	100	93	748	97	94	770	96	89	766
CRANBERRY ST. TUNNEL	110	396	111	393	111	429	57	54	427	56	55	425	59	54	423	57	52	417	58	53	426	56	54	425	58	55	426
CLARK ST. TUNNEL	89	436	96	539	96	455	52	44	448	46	48	457	46	46	453	47	48	450	48	48	446	47	40	459	46	47	464
MONTAGUE ST. TUNNEL	116	444	97	446	97	444	57	40	439	43	42	271	43	43	271	43	42	297	43	43	272	40	43	271	43	44	273
JORALEMON ST. TUNNEL	112	409	110	410	110	402	56	54	423	58	54	439	63	58	429	62	57	424	61	58	432	56	59	464	56	61	468
SECTOR TOTAL	794	3,189	802	3,309	789	3,333	400	389	3,314	413	405	3,304	423	409	3,299	425	407	3,304	432	413	3,295	420	405	3,400	418	413	3,435
QUEENS SECTOR																											
60TH STREET TUNNEL	125	366	117	542	117	562	61	56	553	62	61	534	59	62	540	60	59	532	61	60	536	60	63	555	60	57	541
53RD STREET TUNNEL	189	556	134	608	118	500	62	56	504	61	62	500	60	59	494	61	45	501	61	61	484	61	57	492	69	58	483
STEINWAY ST. TUNNEL	144	417	136	451	132	448	66	66	460	68	63	459	65	64	455	68	64	446	68	61	463	67	64	482	67	64	488
63RD STREET TUNNEL	51	196	30	143	72	310	37	35	312	38	39	311	38	38	310	39	38	313	39	39	309	40	38	303	38	39	306
AMTRAK/LIRR TUNNEL	267	365	160	348	168	543	87	81	319	89	82	317	88	82	315	87	81	320	87	81	325	86	81	329	86	80	325
SECTOR TOTAL	776	1,900	577	2,092	607	2,363	313	294	2,148	318	307	2,121	310	305	2,114	315	287	2,112	316	302	2,117	314	303	2,161	320	298	2,143
NEW JERSEY SECTOR																											
PATH DOWNTOWN TUNNEL	220	506	-	-	-	-	-	-	-	48	50	357	60	58	390	64	63	381	65	65	388	65	65	388	63	65	378
PATH UPTOWN TUNNEL	148	392	69	281	69	222	36	33	279	57	54	431	60	61	401	60	60	403	60	59	403	60	59	403	60	58	402
AMTRAK/NJ TRANSIT TUNNELS	142	244	124	322	127	307	56	71	324	60	55	281	65	58	279	61	57	295	60	59	300	63	59	325	66	46	311
SECTOR TOTAL	510	1,142	193	603	196	529	92	104	603	165	159	1,069	185	177	1,070	185	180	1,079	185	183	1,091	188	183	1,116	189	169	1,091
GRAND TOTAL	2,979	8,937	2,352	8,805	2,406	9,077	1,220	1,186	8,940	1,314	1,260	9,391	1,343	1,295	9,352	1,350	1,259	9,432	1,360	1,294	9,451	1,352	1,301	9,669	1,357	1,267	9,679
SUBTOTAL, NYCT	1,953	7,147	1,973	8,138	2,020	8,202	1,018	1,002	8,289	1,051	1,021	8,455	954	933	7,622	963	895	7,668	969	926	7,663	958	932	7,847	962	914	7,885

Notes: 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.
Zeros displayed for PATH service from 2001-2003 reflect service suspended after 9/11/01.

TABLE 7
NUMBER OF RAIL CARS ON SUBWAY AND COMMUTER RAIL TRAINS
ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY (2000-2009)

SECTOR AND FACILITY	2000		2001		2002		2003			2004			2005			2006			2007			2008			2009		
	PEAK	OFF PEAK	PEAK	OFF PEAK	PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK	A.M. PEAK	P.M. PEAK	OFF PEAK
60TH STREET SECTOR																											
IRT LEXINGTON AVE EXPRESS	1,210	4,670	1,280	4,820	1,280	4,800	650	630	5,030	640	640	4,970	700	670	4,910	650	610	4,950	660	620	5,040	680	670	4,850	660	540	4,720
IRT LEXINGTON AVE LOCAL	1,010	4,350	1,010	4,300	1,050	4,080	510	540	4,180	560	540	4,480	540	540	4,470	550	500	4,400	560	500	4,410	560	550	4,510	530	510	4,410
IND EIGHT AVE EXPRESS	762	3,786	678	2,990	694	3,138	398	296	3,124	410	404	4,140	400	392	4,056	410	384	4,044	396	380	3,962	400	394	3,950	400	378	3,642
IND EIGHT AVE LOCAL	568	2,882	568	2,760	576	2,774	280	296	2,732	342	324	2,854	324	324	2,930	342	324	3,024	316	324	3,068	306	286	2,986	296	296	3,068
IRT B'WAY/7TH AV EXPRESS	1,038	3,735	530	2,070	1,110	4,120	560	550	4,180	570	550	4,020	560	550	4,110	580	500	4,110	600	560	4,070	560	590	4,310	570	540	4,530
IRT B'WAY/7TH AV LOCAL	780	4,000	1,180	5,780	860	4,020	450	410	3,910	400	300	3,970	450	420	3,720	450	390	4,010	430	420	4,040	450	420	4,130	470	400	4,040
AMTRAK/METRO-NORTH	1,335	2,361	1,526	2,093	1,494	2,179	823	671	2,174	812	671	2,194	842	697	2,306	835	718	2,536	851	731	2,601	864	744	2,648	856	726	2,588
SECTOR TOTAL	6,703	25,784	6,772	24,813	7,064	25,111	3,671	3,393	25,330	3,734	3,429	26,628	3,816	3,593	26,502	3,817	3,426	27,074	3,813	3,535	27,191	3,820	3,654	27,384	3,782	3,390	26,998
BROOKLYN SECTOR																											
BMT 14TH STREET TUNNEL	592	2,400	592	2,448	552	2,520	248	304	2,392	312	320	2,432	288	336	2,520	328	320	2,512	352	320	2,504	360	320	2,680	352	320	2,832
BMT WILLIAMSBURG BRIDGE	656	2,720	696	2,856	688	2,880	344	344	2,832	336	352	2,656	336	336	2,744	336	344	2,760	344	352	2,744	344	352	2,952	336	344	2,960
IND RUTGERS ST. TUNNEL	568	2,496	592	2,472	540	2,552	304	236	2,504	286	288	2,610	290	276	2,476	274	288	2,514	286	280	2,566	298	254	2,500	294	304	2,828
BMT MANHATTAN BRIDGE	1,216	4,730	1,224	4,666	1,326	5,202	580	746	5,218	804	746	6,468	848	784	6,444	860	774	6,344	880	816	6,475	852	830	6,753	842	780	6,708
IND CRANBERRY ST. TUNNEL	930	3,326	995	3,253	1,000	3,577	484	516	3,550	470	460	3,600	494	452	3,522	476	434	3,474	484	450	3,602	472	454	3,542	464	440	3,418
IRT CLARK ST. TUNNEL	844	4,162	960	5,390	960	4,550	520	440	4,480	460	480	4,570	460	460	4,530	470	480	4,500	480	480	4,460	470	400	4,590	460	470	4,640
BMT MONTAGUE ST. TUNNEL	970	3,772	860	3,942	850	3,838	490	360	3,838	352	344	2,074	352	346	2,204	354	336	2,394	352	346	2,252	324	344	2,257	350	352	2,289
IRT JORALEMON ST. TUNNEL	1,120	4,090	1,230	4,040	1,156	3,967	616	540	4,174	580	540	4,390	630	580	4,290	620	570	4,240	610	580	4,320	560	590	4,640	560	610	4,680
SECTOR TOTAL	6,896	27,696	7,149	29,067	7,072	29,086	3,586	3,486	28,988	3,600	3,530	28,800	3,698	3,570	28,730	3,718	3,546	28,738	3,788	3,624	28,923	3,680	3,544	29,914	3,658	3,620	30,355
QUEENS SECTOR																											
BMT 60TH STREET TUNNEL	874	3,356	1,070	4,604	1,056	4,732	524	532	4,726	498	524	4,538	518	550	4,704	524	522	4,598	546	536	4,735	528	566	4,974	556	538	5,046
IND 53RD STREET TUNNEL	1,342	5,228	1,298	5,218	1,136	4,636	574	562	4,626	564	572	4,640	556	548	4,576	564	414	4,646	566	562	4,494	564	528	4,564	548	554	4,762
IRT STEINWAY ST. TUNNEL	1,331	4,840	1,452	5,005	1,430	4,972	726	704	5,082	748	693	5,049	715	704	5,005	748	704	4,906	748	671	5,093	737	704	5,302	737	704	5,368
63RD STREET TUNNEL	380	2,082	250	1,480	518	2,608	296	222	2,598	318	324	2,552	304	312	2,514	324	314	2,556	328	324	2,532	340	318	2,520	334	342	2,750
AMTRAK/LIRR TUNNEL	1,601	3,729	1,514	3,074	1,618	4,843	831	787	2,967	851	796	2,962	839	802	2,958	833	796	3,108	851	820	3,164	858	834	3,292	864	824	3,286
SECTOR TOTAL	5,528	19,235	5,584	19,381	5,758	21,791	2,951	2,807	19,999	2,979	2,909	19,741	2,932	2,916	19,757	2,993	2,750	19,814	3,039	2,913	20,018	3,027	2,950	20,652	3,039	2,962	21,212
NEW JERSEY SECTOR																											
PATH DOWNTOWN TUNNEL	1,431	4,030	-	-	-	-	-	-	-	336	350	2,499	420	406	2,730	448	441	2,667	455	455	2,716	455	455	2,716	441	455	2,646
PATH UPTOWN TUNNEL	868	2,856	483	1,966	483	1,551	252	231	1,952	399	378	3,017	420	427	2,807	420	420	2,821	420	413	2,821	420	413	2,821	420	406	2,814
AMTRAK/NJ TRANSIT TUNNELS	986	1,869	948	2,044	995	1,926	462	533	2,037	502	464	2,147	572	499	2,158	490	472	2,251	508	491	2,302	538	498	2,553	568	393	2,479
SECTOR TOTAL	3,285	8,755	1,431	4,010	1,478	3,476	714	764	3,989	1,237	1,192	7,663	1,412	1,332	7,695	1,358	1,333	7,739	1,383	1,359	7,839	1,413	1,366	8,090	1,429	1,254	7,939
GRAND TOTAL	22,412	81,470	20,936	77,270	21,372	79,464	10,922	10,450	78,306	11,550	11,060	82,832	11,858	11,411	82,684	11,886	11,055	83,365	12,023	11,431	83,971	11,940	11,514	86,040	11,908	11,226	86,504
TOTAL, NYCTA	15,403	60,786	16,191	66,625	16,782	68,966	8,554	8,228	69,176	8,650	8,401	70,013	8,765	8,580	69,725	8,860	8,208	69,982	8,938	8,521	70,367	8,805	8,570	72,010	8,759	8,422	72,691

Note: 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 ENTERING THE HUB
ON A FALL BUSINESS DAY, DURING 8AM-9AM PEAK HOUR (2000-2009)
(in square feet)

MODE / YEAR	2000	2001	2002	2003	2004	2005	2006	2007**	2008**	2009
60TH STREET SECTOR										
SUBWAY-EXPRESS	4.4	4.8	4.7	4.8	5.0	5.3	5.3	4.8	4.5	5.32
SUBWAY-LOCAL	5.3	5.8	6.6	6.2	6.3	5.8	6.2	5.6	5.7	7
SUBURBAN RAIL	10.4	9.8	10.0	10.2	7.4	7.3	7.3	7.2	7.1	7.3
BUS	9.1	7.2	9.1	8.9	9.6	9.4	9.6	9.8	11.8	11.27
SECTOR AVERAGE	6.1*	6.1	6.6	6.5	6.4	6.3	6.4	5.7	5.6	6.5
BROOKLYN SECTOR										
SUBWAY	5.1	6.2	6.5	6.9	6.6	7.3	7.1	5.6	5.6	5.4
BUS	10.0	8.3	7.7	7.6	7.4	8.1	7.6	7.8	8.8	8.5
SECTOR AVERAGE	5.6*	6.4	6.6	7.0	6.6	7.4	7.1	5.7	5.8	5.5
QUEENS SECTOR										
SUBWAY	9.3*	12.1	5.7	5.7	5.3	5.8	5.4	5.0	5.3	6
SUBURBAN RAIL	12.1	8.1	9.6	8.9	5.1	6.7	6.4	6.5	6.5	6.9
BUS	9.6*	8.2	9.9	9.0	8.8	8.9	8.9	8.9	10.3	10.7
SECTOR AVERAGE	9.9*	10.8	7.1	6.8	6.1	6.5	6.2	5.5	5.8	6.4
NEW JERSEY SECTOR										
SUBWAY	8.8	2.4	1.2	1.7	9.0	10.0	9.2	4.3	4.3	4.9
SUBURBAN RAIL	9.6*	8.7	7.5	8.0	7.6	7.0	5.5	6.5	7.0	6.9
BUS	9.5	9.7	9.5	9.3	9.2	9.2	9.2	9.2	9.2	9.2
SECTOR AVERAGE	7.2*	6.9	4.8	5.2	8.6	9.1	8.3	6.9	7.0	7.3
STATEN ISLAND FERRY	15.1	N/A	11.2	12.7	12.7	12.9	13.3	17.7	12.8	12.7
ROOSEVELT ISLAND TRAMWAY	12.1	16.1	11.5	11.3	6.2	5.5	4.7	4.1	4.2	4.3
ALL TRANSIT MODES	7.2*	7.5	6.3	6.4	6.9	7.2	6.8	5.9	6.0	6.4

** 2007 and 2008 data have been revised

TABLE 9
EXPRESS AND LOCAL BUSES AND BUS PASSENGERS ENTERING THE HUB
ON A FALL BUSINESS DAY (2000-2009) *

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BUS PASSENGERS										
EXPRESS BUS										
NEW YORK CITY	37,670	55,339	51,667	53,510	57,102	53,181	54,809	50,990	52,911	43,841
WEST OF HUDSON	134,378	137,019	153,030	152,374	179,408	181,272	183,782	186,838	190,979	190,548
NORTH OF NYC	1,972	1,972	1,943	1,944	1,556	1,432	1,508	1,404	1,092	1,038
TOTAL EXPRESS BUS	174,020	194,330	206,640	207,828	238,066	235,885	240,099	239,232	244,982	235,427
LOCAL BUS	54,229	60,438	53,840	52,897	47,584	44,170	43,909	51,664	39,102	38,339
TOTAL BUS PASSENGERS	228,249	254,768	260,480	260,725	285,650	280,055	284,008	290,896	284,084	273,766
NUMBER OF BUSES										
EXPRESS BUS										
NEW YORK CITY	1,702	1,674	1,672	1,617	1,800	1,754	1,763	1,733	2,038	1,671
WEST OF HUDSON	6,590	6,682	7,318	7,281	7,227	7,318	7,388	7,529	7,627	7,687
NORTH OF NYC	112	112	108	109	89	89	89	84	104	92
TOTAL EXPRESS BUS	8,404	8,468	9,098	9,007	9,116	9,161	9,240	9,346	9,769	9,450
LOCAL BUS	3,077	2,967	2,876	2,867	2,521	2,414	2,372	2,530	2,290	2,389
TOTAL BUSES	11,481	11,435	11,974	11,874	11,637	11,575	11,612	11,876	12,059	11,839

* Data for 1999 were lost on 9/11/01.

TABLE 10
TOTAL PERSONS ENTERING AND LEAVING THE HUB BY AUTO, TAXI, VAN AND TRUCK
ON A FALL BUSINESS DAY (1999-2009)

VEHICLE OCCUPANTS / LOCATION	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
60TH STREET SECTOR											
EAST OF CENTRAL PARK											
FDR DRIVE	239,141	245,093	142,087	179,996	195,028	184,210	208,986	200,428	200,860	188,080	191,120
YORK AVENUE	62,152	57,173	53,714	52,795	54,045	45,171	41,246	44,385	46,082	43,955	45,159
SECOND AND FIRST AVENUES	134,186	142,075	119,025	113,038	110,861	103,270	113,288	117,836	114,985	110,593	113,193
QNSBORO BR RAMP & NEW ST.	52,412	56,405	55,154	59,216	61,270	56,158	43,922	45,768	41,472	39,265	42,088
LEXINGTON AND THIRD AVENUES	103,324	115,300	87,233	79,277	88,612	80,565	83,608	82,515	79,543	75,900	79,201
PARK AVENUE	86,388	85,603	64,933	58,840	63,159	61,350	65,037	67,079	63,508	60,417	59,752
FIFTH AND MADISON AVENUES	97,386	110,957	95,297	85,483	87,504	88,839	83,804	83,649	76,002	74,404	74,272
SUBTOTAL	774,989	812,606	617,442	628,646	660,479	619,561	639,893	641,661	622,452	592,615	604,785
CENTRAL PARK DRIVES	30,727	39,141	28,510	34,755	36,048	57,160	50,851	42,780	14,926	13,622	13,036
WEST OF CENTRAL PARK											
EIGHTH AVE./CENTRAL PARK WEST *	30,727	30,928	23,086	-	-	-	-	-	26,134	25,462	25,310
BROADWAY	40,971	62,538	68,288	62,244	54,393	59,095	44,028	42,123	42,415	41,369	38,068
COLUMBUS AND AMSTERDAM AVE	78,654	87,577	76,757	82,839	83,994	79,992	68,381	66,209	65,804	65,823	67,047
WEST END AVENUE	60,219	37,366	32,835	34,730	36,110	33,958	38,358	36,469	36,700	35,457	35,592
WEST SIDE HIGHWAY	103,284	159,255	119,680	139,403	153,378	153,633	148,761	148,250	141,300	131,664	133,185
SUBTOTAL	313,855	377,664	320,647	319,216	327,875	326,678	299,529	293,051	312,353	299,775	299,202
SECTOR TOTAL	1,119,571	1,229,410	966,599	982,617	1,024,403	1,003,398	990,272	977,492	949,731	906,012	917,023
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	219,830	219,960	163,663	214,027	206,465	217,812	135,358	135,449	139,723	134,976	136,911
MANHATTAN BRIDGE	134,819	110,746	106,404	96,355	107,661	115,525	109,626	101,481	99,788	96,103	98,074
BROOKLYN BRIDGE	177,668	206,174	131,303	165,507	183,811	186,110	166,567	160,187	165,751	156,084	157,799
BROOKLYN BATTERY TUNNEL	72,478	75,429	16,387	66,765	66,031	63,877	54,417	64,039	63,068	49,293	57,879
SECTOR TOTAL	604,795	612,310	417,757	542,653	563,968	583,323	465,967	461,156	468,330	436,456	450,663
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	123,872	117,233	105,652	122,837	126,728	129,240	123,179	128,849	126,458	120,133	123,794
QUEENSBORO BRIDGE	261,866	258,687	261,233	262,685	275,471	269,252	216,163	225,090	219,237	213,179	217,752
SECTOR TOTAL	385,738	375,921	366,885	385,522	402,199	398,492	339,341	353,939	345,696	333,312	341,546
NEW JERSEY SECTOR											
HOLLAND TUNNEL	138,440	122,025	54,247	110,198	121,170	115,095	114,853	116,648	119,016	110,113	109,834
LINCOLN TUNNEL	153,275	189,028	142,395	174,775	170,409	167,730	157,300	158,284	151,391	136,940	117,907
SECTOR TOTAL	291,715	311,053	196,643	284,974	291,517	282,825	272,153	274,932	270,407	247,053	227,741
STATEN ISLAND FERRY **	-	855	-	-	-	-	-	-	-	-	-
TOTAL, ALL FACILITIES	2,401,819	2,529,549	1,947,884	2,195,765	2,282,087	2,268,038	2,067,734	2,067,518	2,034,163	1,922,833	1,936,973

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

** After 2000, cars were no longer permitted on the Staten Island Ferry.

TABLE 11
MOTOR VEHICLES (AUTOS, TAXIS, VANS, & TRUCKS)
ENTERING AND LEAVING THE HUB ON A FALL BUSINESS DAY (1999-2009)

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
EAST OF CENTRAL PARK											
FDR DRIVE	157,583	161,232	121,933	154,272	154,272	157,793	160,090	153,542	154,252	144,425	146,660
YORK AVENUE	43,369	39,845	40,120	39,450	40,429	34,091	34,335	34,570	36,268	34,560	35,473
SECOND AND FIRST AVENUES	88,390	93,080	95,691	90,743	88,942	82,610	85,499	89,217	86,933	83,584	85,394
QUEENSBORO BRIDGE RAMP	30,960	32,376	35,165	37,439	38,808	35,510	36,509	37,970	34,439	32,645	34,937
LEXINGTON AND THIRD AVENUES	66,376	72,403	68,192	61,956	69,460	63,260	62,119	61,263	59,311	56,583	59,010
PARK AVENUE	50,763	50,607	50,022	45,366	48,512	47,020	45,071	46,594	44,024	41,905	41,377
FIFTH AND MADISON AVENUES	63,151	67,468	64,648	58,412	59,369	58,460	55,422	55,420	50,399	49,350	49,192
SUBTOTAL	500,592	517,011	475,771	487,638	499,792	478,744	479,045	478,576	465,626	443,052	452,043
CENTRAL PARK DRIVES	21,585	21,362	15,520	18,902	19,645	19,434	13,433	9,445	8,156	7,420	7,301
WEST OF CENTRAL PARK											
CENTRAL PARK WEST	16,836	16,194	16,194	16,590	14,642	14,519	15,081	14,440	14,774	14,371	14,302
BROADWAY	45,975	40,535	40,535	40,535	40,535	35,066	32,814	31,391	31,624	30,800	28,462
COLUMBUS AND AMSTERDAM AVES.	60,084	54,387	54,387	58,770	59,552	56,531	51,725	50,080	49,800	49,822	50,707
WEST END AVENUE	29,090	32,339	25,794	27,431	28,435	26,787	26,668	25,348	25,514	24,644	24,750
WEST SIDE HIGHWAY	111,264	95,063	95,063	110,993	122,107	122,484	129,678	129,311	123,231	114,848	116,285
SUBTOTAL	263,249	238,518	231,973	254,319	265,271	255,387	255,966	250,570	244,943	234,485	234,506
SECTOR TOTAL	785,426	776,891	723,264	760,859	784,708	753,565	748,444	738,591	718,725	684,957	693,850
BROOKLYN SECTOR											
WILLIAMSBURG BRIDGE	107,941	108,456	82,013	103,175	100,062	110,360	106,865	106,869	110,412	106,647	108,077
MANHATTAN BRIDGE	92,311	75,720	72,998	66,087	73,699	79,062	80,303	74,554	73,139	70,276	71,872
BROOKLYN BRIDGE	127,065	147,767	95,586	121,145	134,444	137,563	132,210	126,805	131,551	123,781	125,021
BROOKLYN BATTERY TUNNEL	63,307	64,009	12,213	55,374	54,649	52,839	47,476	55,840	54,989	43,010	50,440
SECTOR TOTAL	390,624	395,952	262,810	345,781	362,854	379,824	366,854	364,068	370,091	343,714	355,410
QUEENS SECTOR											
QUEENS MIDTOWN TUNNEL	80,941	80,170	72,256	82,279	84,865	86,057	85,521	89,435	87,792	83,481	85,704
QUEENSBORO BRIDGE	189,043	181,954	175,470	175,437	184,008	179,515	177,678	185,199	180,326	175,299	179,125
SECTOR TOTAL	269,984	262,124	247,726	257,716	268,873	265,572	263,199	274,634	268,118	258,780	264,829
NEW JERSEY SECTOR											
HOLLAND TUNNEL	103,019	100,441	43,121	91,010	99,608	94,956	95,675	97,146	99,146	91,186	91,508
LINCOLN TUNNEL	128,692	118,121	94,407	117,363	115,187	112,105	113,636	114,363	109,434	99,043	85,462
SECTOR TOTAL	231,711	218,562	137,528	208,374	214,795	207,061	209,311	211,509	208,580	190,228	176,970
STATEN ISLAND FERRY	-	855	-	-	-	-	-	-	-	-	-
TOTAL, ALL FACILITIES	1,677,745	1,669,454	1,371,684	1,570,108	1,631,230	1,606,022	1,587,808	1,588,802	1,565,514	1,477,679	1,491,059

TABLE 12
REVERSE TRAVEL FROM THE HUB DURING AM PEAK PERIOD (7AM - 10AM)
ON A FALL BUSINESS DAY (1979-2009), BY MODE AND BY SECTOR

YEAR / SECTOR / MODE	1979	1980	1981	1982	1983	1984	1985	1986	1987	1989	1990	1991	1992	1993
SECTOR														
60TH STREET	128,330	133,962	140,412	148,232	162,126	155,112	168,861	163,648	163,848	176,201	177,467	180,561	191,695	189,046
BROOKLYN	39,161	36,856	54,317	56,322	64,905	57,884	62,090	69,329	70,805	71,506	76,200	77,473	81,707	82,213
QUEENS	54,620	53,537	36,109	38,825	38,218	39,530	43,179	45,569	46,254	44,271	54,197	47,842	52,175	49,237
NEW JERSEY	30,757	30,012	30,775	32,319	29,721	33,187	36,722	36,323	35,990	38,752	39,206	38,598	41,431	42,553
STATEN ISLAND	1,734	655	579	852	1,112	1,034	740	1,362	1,424	1,569	1,810	1,513	1,277	1,327
ROOSEVELT ISLAND	1,471	1,358	312	312	210	210	341	326	403	566	195	197	121	N/A
TOTAL, ALL SECTORS	256,073	256,380	262,504	276,862	296,292	286,957	311,933	316,557	318,724	332,865	349,075	346,184	368,406	364,376
MODE														
AUTOS, TAXIS, VANS AND TRUCKS	108,110	113,705	117,963	128,817	133,939	129,964	150,426	132,785	133,031	139,752	134,966	135,519	140,899	133,619
BUS	17,950	17,671	14,847	18,156	22,952	23,070	22,708	21,669	21,710	20,723	21,185	21,512	20,099	20,403
SUBWAY	119,197	114,578	119,617	119,642	131,140	125,422	129,762	152,443	153,460	159,919	181,187	177,185	196,036	196,775
SUBURBAN AND INTERCITY RAIL	7,734	8,489	9,259	9,138	6,961	7,292	7,960	8,021	8,823	9,034	8,597	8,730	9,470	10,773
FERRY	1,661	579	506	797	1,090	999	696	1,313	1,297	2,871	2,945	3,041	1,781	1,853
TRAMWAY	1,471	1,358	312	312	210	210	341	326	403	566	195	197	121	N/A
TOTAL, ALL MODES	256,123	256,380	262,504	276,862	296,292	286,957	311,893	316,557	318,724	332,865	349,075	346,184	368,406	363,423

YEAR / SECTOR / MODE	1994	1995	1996	1997	1998	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
SECTOR															
60TH STREET	187,388	178,902	184,943	193,538	198,871	213,112	196,583	201,639	204,083	208,617	196,711	203,671	205,101	209,440	209,889
BROOKLYN	79,505	81,894	78,563	106,224	78,439	83,366	75,700	82,879	83,394	90,479	86,563	86,400	87,699	89,927	90,983
QUEENS	48,454	52,097	53,800	62,721	50,837	61,059	57,976	65,462	62,654	63,851	60,267	57,249	60,726	61,356	62,020
NEW JERSEY	43,703	41,909	44,617	44,331	37,532	40,239	36,331	57,729	43,162	60,749	75,744	79,797	61,905	59,525	68,411
STATEN ISLAND	1,325	1,370	1,404	1,673	1,766	1,523	0	1,653	1,515	1,578	1,576	2,448	1,949	2,042	2,033
ROOSEVELT ISLAND	140	125	163	117	124	134	101	59	60	139	208	241	196	222	-
TOTAL, ALL SECTORS	360,515	356,297	363,490	408,604	367,569	399,433	366,692	409,421	394,868	425,413	421,069	429,806	417,576	422,512	433,336
MODE															
AUTOS, TAXIS, VANS AND TRUCKS	131,272	135,193	133,044	180,561	144,976	155,392	122,041	154,761	147,747	146,890	136,733	136,817	135,632	133,307	131,944
BUS	20,671	20,383	21,457	22,923	19,581	15,300	20,133	21,203	20,825	36,161	35,995	35,130	30,322	27,150	38,496
SUBWAY	195,759	188,513	195,647	190,931	184,243	216,393	211,286	215,438	209,509	222,537	229,243	236,922	229,973	239,985	241,007
SUBURBAN AND INTERCITY RAIL	9,933	9,075	10,452	11,140	15,367	9,128	11,267	12,820	11,374	15,382	14,831	15,712	16,532	17,285	16,648
FERRY	2,007	1,994	1,957	2,003	2,378	2,538	1,370	4,330	3,969	3,340	3,134	3,945	3,858	3,287	3,189
TRAMWAY	140	125	163	117	124	134	101	59	60	139	208	241	196	222	202
BICYCLE	734	1,014	769	929	900	548	495	865	1,397	964	925	1,039	1,063	1,276	1,850
TOTAL, ALL MODES	360,516	356,297	363,489	408,604	367,569	399,433	366,694	409,476	394,880	425,413	421,069	429,806	417,576	422,512	433,336

Note: Persons leaving the Hub during 7am - 10am peak period and traveling contrary to the predominant direction of travel.
Data for 1999 were lost on 9/11/01.

TABLE 13A
TRI-STATE REGION - POPULATION

	POPULATION (in thousands)								PERCENT CHANGE						
	2002	2003	2004	2005	2006	2007	2008	2009	2009/ 2002	2009/ 2003	2009/ 2004	2009/ 2005	2009/ 2006	2009/ 2007	2009/ 2008
CONNECTICUT REGION															
3 COUNTIES	1,911	1,920	1,924	1,925	1,926	1,929	1,929	1,938	1.4%	0.9%	0.7%	0.7%	0.6%	0.5%	0.5%
census figures															
NEW JERSEY															
9 COUNTIES	5,503	5,518	5,527	5,527	5,520	5,529	5,519	5,531	0.5%	0.2%	0.1%	0.1%	0.2%	0.0%	0.2%
NEW YORK STATE															
MANHATTAN CBD*	567	570	573	583	590	597	617	621	9.6%	8.9%	8.4%	6.5%	5.3%	4.0%	0.6%
NYC REMAINDER	7,527	7,574	7,612	7,631	7,661	7,678	7,747	7,771	3.2%	2.6%	2.1%	1.8%	1.4%	1.2%	0.3%
7 SUBURBAN COUNTIES	4,760	4,783	4,795	4,787	4,779	4,777	4,888	4,908	3.1%	2.6%	2.4%	2.5%	2.7%	2.8%	0.4%
TOTAL	12,854	12,927	12,979	13,001	13,030	13,052	13,252	13,300	3.5%	2.9%	2.5%	2.3%	2.1%	1.9%	0.4%
TOTAL REGION															
	20,268	20,365	20,430	20,453	20,476	20,510	20,699	20,769	2.5%	2.0%	1.7%	1.5%	1.4%	1.3%	0.3%

* CBD reflects NYMTC Model estimate. Data prior to 2005 reflects earlier projections. Data since 2005 reflects current model.
The three Connecticut counties include New Haven, Fairfield, and Litchfield counties.
The nine New Jersey counties include Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset and Union.
The seven suburban counties of New York include Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk and Westchester.

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

	EMPLOYMENT (in thousands)								PERCENT CHANGE						
	2002	2003	2004	2005	2006	2007	2008	2009	2009/ 2002	2009/ 2003	2009/ 2004	2009/ 2005	2009/ 2006	2009/ 2007	2009/ 2008
CONNECTICUT REGION															
3 COUNTIES	843	837	842	839	853	862	847	809	-4.0%	-3.3%	-3.9%	-3.7%	-5.2%	-6.1%	-4.5%
NEW JERSEY															
9 COUNTIES	2,559	2,557	2,558	2,562	2,587	2,614	2,559	2,447	-4.4%	-4.3%	-4.3%	-4.5%	-5.4%	-6.4%	-4.4%
NEW YORK STATE															
MANHATTAN CBD*	2,077	2,055	2,064	2,217	2,241	2,265	2,288	2,204	6.1%	7.3%	6.8%	-0.6%	-1.6%	-2.7%	-3.7%
NYC REMAINDER	1,398	1,384	1,404	1,297	1,340	1,414	1,391	1,364	-2.4%	-1.4%	-2.9%	5.2%	1.8%	-3.5%	-1.9%
7 SUBURBAN COUNTIES	1,976	1,990	2,016	2,018	2,047	2,070	2,035	1,962	-0.7%	-1.4%	-2.7%	-2.8%	-4.2%	-5.2%	-3.6%
TOTAL	5,451	5,429	5,484	5,532	5,629	5,749	5,714	5,530	1.5%	1.9%	0.8%	0.0%	-1.8%	-3.8%	-3.2%
REGION TOTAL															
	8,852	8,823	8,884	8,933	9,069	9,225	9,120	8,785	-0.8%	-0.4%	-1.1%	-1.7%	-3.1%	-4.8%	-3.7%

* CBD reflects NYMTC Model estimate. Data prior to 2005 reflects earlier projections. Data since 2005 reflects current model.
The three Connecticut counties include New Haven, Fairfield, and Litchfield counties.
The nine New Jersey counties include Bergen, Essex, Hudson, Middlesex, Monmouth, Morris, Passaic, Somerset and Union.
The seven suburban counties of New York include Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk and Westchester.

Appendix II

Summary Tables - 2009

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

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TABLE 14 A
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2009
8 - 9 AM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	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	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	7,323	-	-	-	-	-	-	-	-	-	7,323
York Avenue	936	-	-	120	442	-	-	-	-	562	1,498
First Avenue	-	-	-	-	-	-	-	-	3	3	3
Second Avenue	2,830	-	-	-	895	-	-	-	59	954	3,784
Third Avenue	-	-	-	-	-	-	-	-	4	4	4
Lexington Avenue- IRT	1,913	25,893	21,528	151	898	-	-	-	22	48,492	50,405
Park Ave	2,075	-	-	-	-	32,035	-	-	19	32,054	34,129
Madison Avenue	-	-	-	-	-	-	-	-	-	-	-
Fifth Avenue	2,515	-	-	1,236	1,387	-	-	-	68	2,691	5,206
Sixth Avenue	-	-	-	-	-	-	-	-	2	2	2
Seventh Avenue	1,613	-	-	-	-	-	-	-	30	30	1,643
Broadway	916	21,403	12,837	66	669	-	-	-	62	35,037	35,953
Eight Ave	-	20,864	9,395	-	-	-	-	-	2	30,261	30,261
Columbus Avenue	1,721	-	-	-	88	-	-	-	44	132	1,853
Amsterdam Avenue	-	-	-	-	-	-	-	-	1	1	1
West End Avenue	1,491	-	-	-	126	-	-	-	7	133	1,624
West Side Highway	5,357	-	-	-	-	217	-	-	3	220	5,577
Hudson River Greenway	-	-	-	-	-	-	-	-	332	332	332
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	33	-	-	33	33
SECTOR TOTAL	28,690	68,160	43,760	1,573	4,505	32,252	33	-	658	150,941	179,631
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	16,635	-	-	-	-	-	-	16,635	16,635
Williamsburg Bridge-BMT	3,618	-	11,133	-	34	-	-	-	344	11,511	15,129
Rutgers Tunnel-IND	-	-	11,997	-	-	-	-	-	-	11,997	11,997
Manhattan Bridge-BMT	3,260	21,080	16,495	-	66	-	-	-	239	37,880	41,140
Brooklyn Bridge	4,198	-	-	-	-	-	-	-	281	281	4,479
Cranberry Tunnel-IND	-	-	20,427	-	-	-	-	-	-	20,427	20,427
Clark Tunnel-IRT	-	-	13,368	-	-	-	-	-	-	13,368	13,368
Montague Tunnel-BMT	-	-	7,921	-	-	-	-	-	-	7,921	7,921
Joralemon Tunnel-IRT	-	-	18,860	-	-	-	-	-	-	18,860	18,860
Brooklyn Battery Tunnel	3,082	-	-	6,891	-	-	-	-	-	6,891	9,973
All Ferry Points	-	-	-	-	-	-	82	-	-	82	82
SECTOR TOTAL	14,158	21,080	116,836	6,891	100	-	82	-	864	145,853	160,011
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	15,539	-	-	-	-	-	-	15,539	15,539
Sixtieth St. Tunnel-BMT/IND	-	-	24,060	-	-	-	-	-	-	24,060	24,060
Queensboro Bridge-Tramway	7,073	-	-	-	322	-	-	553	223	1,098	8,171
Fifty-Third St. Tunnel-IND	-	-	26,039	-	-	-	-	-	-	26,039	26,039
Steinway Tunnel-IRT	-	-	17,183	-	-	-	-	-	-	17,183	17,183
Queens Midtown Tunnel-IRT	5,501	-	-	4,552	-	-	-	-	-	4,552	10,053
Amtrak/LIRR Tunnels	-	-	-	-	-	34,105	-	-	-	34,105	34,105
All Ferry Points	-	-	-	-	-	-	19	-	-	19	19
SECTOR TOTAL	12,574	-	82,821	4,552	322	34,105	19	553	223	122,595	135,169
NEW JERSEY SECTOR											
Lincoln Tunnel	3,599	-	-	32,792	-	-	-	-	-	32,792	36,391
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	20,800	-	-	-	20,800	20,800
Uptown Path Tunnel	-	-	14,290	-	-	-	-	-	-	14,290	14,290
Holland Tunnel	3,444	-	-	2,429	-	-	-	-	-	2,429	5,873
Downtown Path Tunnel	-	-	11,331	-	-	-	-	-	-	11,331	11,331
All Ferry Points	-	-	-	-	-	-	4,794	-	-	4,794	4,794
SECTOR TOTAL	7,043	-	25,621	35,221	-	20,800	4,794	-	-	86,436	93,479
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	6,307	-	18	6,325	6,325
TOTAL, ALL SECTORS	62,465	89,240	269,038	48,237	4,927	87,157	11,235	553	1,763	512,150	574,615

TABLE 14 B

WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2009
7-10 AM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	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	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	21,074	-	-	-	-	-	-	-	-	-	21,074
York Avenue	2,739	-	-	225	840	-	-	-	-	1,065	3,804
First Avenue	-	-	-	-	-	-	-	-	7	7	7
Second Avenue	8,510	-	-	-	2,672	-	-	-	180	2,852	11,362
Third Avenue	-	-	-	-	-	-	-	-	15	15	15
Lexington Avenue- IRT	5,285	60,251	46,295	508	2,029	-	-	-	71	109,154	114,439
Park Ave	5,474	-	-	-	-	64,630	-	-	61	64,691	70,165
Madison Avenue	-	-	-	-	-	-	-	-	1	1	1
Fifth Avenue	7,400	-	-	3,703	3,001	-	-	-	181	6,885	14,285
Sixth Avenue	-	-	-	-	-	-	-	-	7	7	7
Seventh Avenue	3,199	-	-	-	-	-	-	-	97	97	3,296
Broadway	2,665	47,660	28,725	171	1,479	-	-	-	147	78,182	80,847
Eight Ave	-	47,732	20,503	-	-	-	-	-	8	68,243	68,243
Columbus Avenue	4,641	-	-	-	271	-	-	-	135	406	5,047
Amsterdam Avenue	-	-	-	-	-	-	-	-	5	5	5
West End Avenue	3,934	-	-	-	272	-	-	-	21	293	4,227
West Side Highway	15,477	-	-	-	-	486	-	-	18	504	15,981
Hudson River Greenway	-	-	-	-	-	-	-	-	908	908	908
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	43	-	-	43	43
SECTOR TOTAL	80,398	155,643	95,523	4,607	10,564	65,116	43	-	1,862	333,358	413,756
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	39,144	-	-	-	-	-	-	39,144	39,144
Williamsburg Bridge-BMT	11,407	-	25,964	-	160	-	-	-	897	27,021	38,428
Rutgers Tunnel-IND	-	-	26,142	-	-	-	-	-	-	26,142	26,142
Manhattan Bridge-BMT	9,285	47,515	37,443	-	152	-	-	-	693	85,803	95,088
Brooklyn Bridge	12,265	-	-	-	-	-	-	-	684	684	12,949
Cranberry Tunnel-IND	-	-	46,463	-	-	-	-	-	-	46,463	46,463
Clark Tunnel-IRT	-	-	30,226	-	-	-	-	-	-	30,226	30,226
Montague Tunnel-BMT	-	-	15,150	-	-	-	-	-	-	15,150	15,150
Joralemon Tunnel-IRT	-	-	42,084	-	-	-	-	-	-	42,084	42,084
Brooklyn Battery Tunnel	9,251	-	-	16,519	-	-	-	-	-	16,519	25,770
All Ferry Points	-	-	-	-	-	-	89	-	-	89	89
SECTOR TOTAL	42,208	47,515	262,616	16,519	312	-	89	-	2,274	329,325	371,533
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	35,482	-	-	-	-	-	-	35,482	35,482
Sixtieth St. Tunnel-BMT/IND	-	-	54,729	-	-	-	-	-	-	54,729	54,729
Queensboro Bridge-Tramway	20,487	-	-	-	814	-	-	1,335	547	2,696	23,183
Fifty-Third St. Tunnel-IND	-	-	60,069	-	-	-	-	-	-	60,069	60,069
Steinway Tunnel-IRT	-	-	39,078	-	-	-	-	-	-	39,078	39,078
Queens Midtown Tunnel-IRT	15,287	-	-	9,489	-	-	-	-	-	9,489	24,776
Amtrak/LIRR Tunnels	-	-	-	-	-	72,008	-	-	-	72,008	72,008
All Ferry Points	-	-	-	-	-	-	29	-	-	29	29
SECTOR TOTAL	35,774	-	189,358	9,489	814	72,008	29	1,335	547	273,580	309,354
NEW JERSEY SECTOR											
Lincoln Tunnel	11,680	-	-	79,418	-	-	-	-	-	79,418	91,098
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	44,833	-	-	-	44,833	44,833
Uptown Path Tunnel	-	-	29,379	-	-	-	-	-	-	29,379	29,379
Holland Tunnel	10,233	-	-	5,954	-	-	-	-	-	5,954	16,187
Downtown Path Tunnel	-	-	23,708	-	-	-	-	-	-	23,708	23,708
All Ferry Points	-	-	-	-	-	-	10,157	-	-	10,157	10,157
SECTOR TOTAL	21,913	-	53,087	85,372	-	44,833	10,157	-	-	193,449	215,362
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	16,088	-	48	16,136	16,136
TOTAL, ALL SECTORS	180,293	203,158	600,584	115,987	11,690	181,957	26,406	1,335	4,731	1,145,848	1,326,141

TABLE 14 C
WHERE, WHEN AND HOW PEOPLE ENTERED THE HUB ON A FALL BUSINESS DAY IN 2009
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	110,414	-	-	-	-	-	-	-	-	-	110,414
York Avenue	22,024	-	-	254	2,707	-	-	-	-	2,961	24,985
First Avenue	-	-	-	-	-	-	-	-	104	104	104
Second Avenue	66,740	-	-	-	7,809	-	-	-	1,443	9,252	75,992
Third Avenue	-	-	-	-	-	-	-	-	171	171	171
Lexington Avenue- IRT	31,236	165,008	162,915	931	6,744	-	-	-	1,087	336,685	367,921
Park Ave	28,971	-	-	-	-	99,866	-	-	729	100,595	129,566
Madison Avenue	-	-	-	-	-	-	-	-	69	69	69
Fifth Avenue	40,662	-	-	7,051	8,873	-	-	-	1,326	17,250	57,912
Sixth Avenue	-	-	-	-	-	-	-	-	234	234	234
Seventh Avenue	3,262	-	-	-	-	-	-	-	1,018	1,018	4,280
Broadway	20,122	136,865	106,255	418	5,779	-	-	-	1,094	250,411	270,533
Eight Ave	-	125,034	60,852	-	-	-	-	-	208	186,094	186,094
Columbus Avenue	33,908	-	-	-	1,668	-	-	-	1,895	3,563	37,471
Amsterdam Avenue	-	-	-	-	-	-	-	-	208	208	208
West End Avenue	23,091	-	-	-	1,030	-	-	-	306	1,336	24,427
West Side Highway	70,554	-	-	-	-	1,804	-	-	80	1,884	72,438
Hudson River Greenway	-	-	-	-	-	-	-	-	3,322	3,322	3,322
Queensboro Bridge Ramp	-	-	-	-	-	-	-	-	-	-	-
All Ferry Points	-	-	-	-	-	-	44	-	-	44	44
SECTOR TOTAL	450,984	426,907	330,022	8,654	34,610	101,670	44	-	13,294	915,201	1,366,185
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	89,705	-	-	-	-	-	-	89,705	89,705
Williamsburg Bridge-BMT	69,439	-	57,243	-	668	-	-	-	3,078	60,989	130,428
Rutgers Tunnel-IND	-	-	59,494	-	-	-	-	-	-	59,494	59,494
Manhattan Bridge-BMT	43,453	93,070	90,379	-	438	-	-	-	1,983	185,870	229,323
Brooklyn Bridge	72,706	-	-	-	-	-	-	-	1,401	1,401	74,107
Cranberry Tunnel-IND	-	-	108,374	-	-	-	-	-	-	108,374	108,374
Clark Tunnel-IRT	-	-	67,906	-	-	-	-	-	-	67,906	67,906
Montague Tunnel-BMT	-	-	29,411	-	-	-	-	-	-	29,411	29,411
Joralemon Tunnel-IRT	-	-	99,226	-	-	-	-	-	-	99,226	99,226
Brooklyn Battery Tunnel	30,975	-	-	24,759	-	-	-	-	-	24,759	55,734
All Ferry Points	-	-	-	-	-	-	227	-	-	227	227
SECTOR TOTAL	216,573	93,070	601,738	24,759	1,106	-	227	-	6,462	727,362	943,935
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	81,148	-	-	-	-	-	-	81,148	81,148
Sixtieth St. Tunnel-BMT/IND	-	-	124,342	-	-	-	-	-	-	124,342	124,342
Queensboro Bridge-Tramway	107,653	-	-	-	2,623	-	-	3,109	1,810	7,542	115,195
Fifty-Third St. Tunnel-IND	-	-	134,770	-	-	-	-	-	-	134,770	134,770
Steinway Tunnel-IRT	-	-	90,602	-	-	-	-	-	-	90,602	90,602
Queens Midtown Tunnel-IRT	63,637	-	-	11,466	-	-	-	-	-	11,466	75,103
Amtrak/LIRR Tunnels	-	-	-	-	-	115,958	-	-	-	115,958	115,958
All Ferry Points	-	-	-	-	-	-	32	-	-	32	32
SECTOR TOTAL	171,290	-	430,862	11,466	2,623	115,958	32	3,109	1,810	565,860	737,150
NEW JERSEY SECTOR											
Lincoln Tunnel	58,675	-	-	172,302	-	-	-	-	-	172,302	230,977
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	83,152	-	-	-	83,152	83,152
Uptown Path Tunnel	-	-	58,761	-	-	-	-	-	-	58,761	58,761
Holland Tunnel	53,629	-	-	18,246	-	-	-	-	-	18,246	71,875
Downtown Path Tunnel	-	-	52,269	-	-	-	-	-	-	52,269	52,269
All Ferry Points	-	-	-	-	-	-	16,300	-	-	16,300	16,300
SECTOR TOTAL	112,304	-	111,030	190,548	-	83,152	16,300	-	-	401,030	513,334
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	36,027	-	226	36,253	36,253
TOTAL, ALL SECTORS	951,151	519,977	1,473,652	235,427	38,339	300,780	52,630	3,109	21,792	2,645,706	3,596,857

TABLE 15 A

WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2009
5 - 6 PM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	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	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM	5-6 PM
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	4,679	-	-	-	-	-	-	-	-	-	4,679
York Avenue	1,286	-	-	-	183	-	-	-	-	183	1,469
First Avenue	2,824	-	-	43	568	-	-	-	69	680	3,504
Second Avenue	-	-	-	-	-	-	-	-	9	9	9
Third Avenue	2,498	-	-	43	1,123	-	-	-	115	1,281	3,779
Lexington Avenue- IRT	-	17,648	19,583	-	-	-	-	-	1	37,232	37,232
Park Ave	2,107	-	-	-	-	24,516	-	-	44	24,560	26,667
Madison Avenue	1,870	-	-	1,629	1,457	-	-	-	92	3,178	5,048
Fifth Avenue	-	-	-	-	-	-	-	-	8	8	8
Sixth Avenue	1,279	-	-	-	-	-	-	-	153	153	1,432
Seventh Avenue	-	-	-	-	-	-	-	-	1	1	1
Broadway	946	14,119	12,314	49	636	-	-	-	2	27,120	28,066
Eight Ave	1,340	14,383	6,599	-	143	-	-	-	132	21,257	22,597
Columbus Avenue	-	-	-	-	-	-	-	-	19	19	19
Amsterdam Avenue	2,264	-	-	-	169	-	-	-	58	227	2,491
West End Avenue	861	-	-	-	126	-	-	-	35	161	1,022
West Side Highway	4,082	-	-	-	-	115	-	-	3	118	4,200
Hudson River Greenway	-	-	-	-	-	-	-	-	380	380	380
Queensboro Bridge Ramp	2,227	-	-	-	-	-	-	-	-	-	2,227
All Ferry Points	-	-	-	-	-	-	28	-	-	28	28
SECTOR TOTAL	28,263	46,150	38,496	1,764	4,405	24,631	28	-	1,121	116,595	144,858
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	13,688	-	-	-	-	-	-	13,688	13,688
Williamsburg Bridge-BMT	4,150	-	7,560	-	101	-	-	-	314	7,975	12,125
Rutgers Tunnel-IND	-	-	8,745	-	-	-	-	-	-	8,745	8,745
Manhattan Bridge-BMT	3,643	13,365	13,345	-	111	-	-	-	231	27,052	30,695
Brooklyn Bridge	4,787	-	-	-	-	-	-	-	208	208	4,995
Cranberry Tunnel-IND	-	-	14,784	-	-	-	-	-	-	14,784	14,784
Clark Tunnel-IRT	-	-	9,516	-	-	-	-	-	-	9,516	9,516
Montague Tunnel-BMT	-	-	6,328	-	-	-	-	-	-	6,328	6,328
Joralemon Tunnel-IRT	-	-	13,158	-	-	-	-	-	-	13,158	13,158
Brooklyn Battery Tunnel	2,726	-	-	5,824	-	-	-	-	-	5,824	8,550
All Ferry Points	-	-	-	-	-	-	97	-	-	97	97
SECTOR TOTAL	15,306	13,365	87,124	5,824	212	-	97	-	753	107,375	122,681
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	12,912	-	-	-	-	-	-	12,912	12,912
Sixtieth St. Tunnel-BMT/IND	-	-	19,127	-	-	-	-	-	-	19,127	19,127
Queensboro Bridge-Tramway	6,564	-	-	2,448	482	-	-	319	184	3,433	9,997
Fifty-Third St. Tunnel-IND	-	-	19,654	-	-	-	-	-	-	19,654	19,654
Steinway Tunnel-IRT	-	-	15,820	-	-	-	-	-	-	15,820	15,820
Queens Midtown Tunnel-IRT	4,405	-	-	154	-	-	-	-	-	154	4,559
Amtrak/LIRR Tunnels	-	-	-	-	-	27,926	-	-	-	27,926	27,926
All Ferry Points	-	-	-	-	-	-	6	-	-	6	6
SECTOR TOTAL	10,969	-	67,513	2,602	482	27,926	6	319	184	99,032	110,001
NEW JERSEY SECTOR											
Lincoln Tunnel	4,803	-	-	14,442	-	-	-	-	-	14,442	19,245
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	13,387	-	-	-	13,387	13,387
Uptown Path Tunnel	-	-	9,835	-	-	-	-	-	-	9,835	9,835
Holland Tunnel	3,466	-	-	3,264	-	-	-	-	-	3,264	6,730
Downtown Path Tunnel	-	-	10,346	-	-	-	-	-	-	10,346	10,346
All Ferry Points	-	-	-	-	-	-	3,539	-	-	3,539	3,539
SECTOR TOTAL	8,269	-	20,181	17,706	-	13,387	3,539	-	-	54,813	63,082
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	4,280	-	28	4,308	4,308
TOTAL, ALL SECTORS	62,807	59,515	213,314	27,896	5,099	65,944	7,950	319	2,086	382,123	444,930

TABLE 15 B
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2009
4 - 7 PM

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	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	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	13,773	-	-	-	-	-	-	-	-	-	13,773
York Avenue	3,804	-	-	-	596	-	-	-	-	596	4,400
First Avenue	8,233	-	-	130	1,806	-	-	-	206	2,142	10,375
Second Avenue	-	-	-	-	-	-	-	-	35	35	35
Third Avenue	7,239	-	-	129	2,583	-	-	-	344	3,056	10,295
Lexington Avenue- IRT	-	45,315	48,953	-	-	-	-	-	7	94,275	94,275
Park Ave	6,092	-	-	-	-	52,048	-	-	138	52,186	58,278
Madison Avenue	6,036	-	-	3,548	3,630	-	-	-	280	7,458	13,494
Fifth Avenue	-	-	-	-	-	-	-	-	14	14	14
Sixth Avenue	3,427	-	-	-	-	-	-	-	437	437	3,864
Seventh Avenue	-	-	-	-	-	-	-	-	10	10	10
Broadway	2,993	37,280	30,746	111	1,824	-	-	-	23	69,984	72,977
Eight Ave	4,163	36,486	16,485	-	399	-	-	-	400	53,770	57,933
Columbus Avenue	-	-	-	-	-	-	-	-	60	60	60
Amsterdam Avenue	6,604	-	-	-	361	-	-	-	181	542	7,146
West End Avenue	3,030	-	-	-	327	-	-	-	85	412	3,442
West Side Highway	11,855	-	-	-	-	359	-	-	5	364	12,219
Hudson River Greenway	-	-	-	-	-	-	-	-	1,083	1,083	1,083
Queensboro Bridge Ramp	6,539	-	-	-	-	-	-	-	-	-	6,539
All Ferry Points	-	-	-	-	-	-	41	-	-	41	41
SECTOR TOTAL	83,788	119,081	96,184	3,918	11,526	52,407	41	-	3,308	286,465	370,253
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	36,553	-	-	-	-	-	-	36,553	36,553
Williamsburg Bridge-BMT	12,097	-	18,558	-	394	-	-	-	973	19,925	32,022
Rutgers Tunnel-IND	-	-	22,010	-	-	-	-	-	-	22,010	22,010
Manhattan Bridge-BMT	10,802	33,110	33,497	-	235	-	-	-	597	67,439	78,241
Brooklyn Bridge	14,643	-	-	-	-	-	-	-	522	15,165	15,165
Cranberry Tunnel-IND	-	-	37,518	-	-	-	-	-	-	37,518	37,518
Clark Tunnel-IRT	-	-	23,696	-	-	-	-	-	-	23,696	23,696
Montague Tunnel-BMT	-	-	16,090	-	-	-	-	-	-	16,090	16,090
Joralemon Tunnel-IRT	-	-	32,211	-	-	-	-	-	-	32,211	32,211
Brooklyn Battery Tunnel	7,721	-	-	13,516	-	-	-	-	-	13,516	21,237
All Ferry Points	-	-	-	-	-	-	161	-	-	161	161
SECTOR TOTAL	45,263	33,110	220,133	13,516	629	-	161	-	2,092	269,641	314,904
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	32,036	-	-	-	-	-	-	32,036	32,036
Sixtieth St. Tunnel-BMT/IND	-	-	47,908	-	-	-	-	-	-	47,908	47,908
Queensboro Bridge-Tramway	19,301	-	-	5,171	1,362	-	-	1,053	598	8,184	27,485
Fifty-Third St. Tunnel-IND	-	-	48,915	-	-	-	-	-	-	48,915	48,915
Steinway Tunnel-IRT	-	-	38,856	-	-	-	-	-	-	38,856	38,856
Queens Midtown Tunnel-IRT	13,045	-	-	318	-	-	-	-	-	318	13,363
Amtrak/LIRR Tunnels	-	-	-	-	-	61,219	-	-	-	61,219	61,219
All Ferry Points	-	-	-	-	-	-	18	-	-	18	18
SECTOR TOTAL	32,346	-	167,715	5,489	1,362	61,219	18	1,053	598	237,454	269,800
NEW JERSEY SECTOR											
Lincoln Tunnel	12,887	-	-	50,673	-	-	-	-	-	50,673	63,560
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	30,843	-	-	-	30,843	30,843
Uptown Path Tunnel	-	-	23,774	-	-	-	-	-	-	23,774	23,774
Holland Tunnel	10,902	-	-	9,075	-	-	-	-	-	9,075	19,977
Downtown Path Tunnel	-	-	23,016	-	-	-	-	-	-	23,016	23,016
All Ferry Points	-	-	-	-	-	-	7,997	-	-	7,997	7,997
SECTOR TOTAL	23,789	-	46,790	59,748	-	30,843	7,997	-	-	145,378	169,167
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	12,984	-	74	13,058	13,058
TOTAL, ALL SECTORS	185,186	152,191	530,822	82,671	13,517	144,469	21,201	1,053	6,072	951,996	1,137,182

TABLE 15 C
WHERE, WHEN AND HOW PEOPLE LEFT THE HUB ON A FALL BUSINESS DAY IN 2009
24 HOUR

LOCATION / TRAVEL MODE	AUTOS, TAXIS, VANS & TRUCKS	SUBWAY EXPRESS	SUBWAY LOCAL	BUS EXPRESS	BUS LOCAL	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL PERSONS (PUBLIC TRANSPORTATION & BICYCLE)	TOTAL PERSONS (ALL MODES)
	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR	24 HOUR
60TH STREET SECTOR											
Franklin D. Roosevelt Drive	80,706	-	-	-	-	-	-	-	-	-	80,706
York Avenue	23,135	-	-	-	2,037	-	-	-	-	2,037	25,172
First Avenue	46,453	-	-	193	7,272	-	-	-	873	8,338	54,791
Second Avenue	-	-	-	-	-	-	-	-	148	-	148
Third Avenue	47,965	-	-	278	7,892	-	-	-	1,484	9,654	57,619
Lexington Avenue- IRT	-	150,450	173,241	-	-	-	-	-	51	323,742	323,742
Park Ave	30,781	-	-	-	-	97,017	-	-	623	97,640	128,421
Madison Avenue	33,610	-	-	6,189	9,786	-	-	-	1,128	17,103	50,713
Fifth Avenue	-	-	-	-	-	-	-	-	70	-	70
Sixth Avenue	9,774	-	-	-	-	-	-	-	1,808	1,808	11,582
Seventh Avenue	-	-	-	-	-	-	-	-	74	-	74
Broadway	17,946	127,220	109,645	257	6,047	-	-	-	128	243,297	261,243
Eight Ave	25,310	114,746	57,742	-	1,769	-	-	-	1,552	175,809	201,119
Columbus Avenue	-	-	-	-	-	-	-	-	396	-	396
Amsterdam Avenue	33,139	-	-	-	1,792	-	-	-	706	2,498	35,637
West End Avenue	12,501	-	-	-	1,025	-	-	-	303	1,328	13,829
West Side Highway	62,631	-	-	-	-	1,709	-	-	30	1,739	64,370
Hudson River Greenway	-	-	-	-	-	-	-	-	3,573	3,573	3,573
Queensboro Bridge Ramp	42,088	-	-	-	-	-	-	-	-	-	42,088
All Ferry Points	-	-	-	-	-	-	41	-	-	41	41
SECTOR TOTAL	466,039	392,416	340,628	6,917	37,620	98,726	41	-	12,947	889,295	1,355,334
BROOKLYN SECTOR											
Fourteenth St. Tunnel-BMT	-	-	100,831	-	-	-	-	-	-	100,831	100,831
Williamsburg Bridge-BMT	67,472	-	49,362	-	956	-	-	-	2,667	52,985	120,457
Rutgers Tunnel-IND	-	-	60,281	-	-	-	-	-	-	60,281	60,281
Manhattan Bridge-BMT	54,621	88,559	88,566	-	503	-	-	-	1,662	179,290	233,911
Brooklyn Bridge	85,093	-	-	-	-	-	-	-	1,232	-	86,325
Cranberry Tunnel-IND	-	-	104,391	-	-	-	-	-	-	104,391	104,391
Clark Tunnel-IRT	-	-	67,600	-	-	-	-	-	-	67,600	67,600
Montague Tunnel-BMT	-	-	33,617	-	-	-	-	-	-	33,617	33,617
Joralemon Tunnel-IRT	-	-	83,303	-	-	-	-	-	-	83,303	83,303
Brooklyn Battery Tunnel	26,904	-	-	22,344	-	-	-	-	-	22,344	49,248
All Ferry Points	-	-	-	-	-	-	240	-	-	240	240
SECTOR TOTAL	234,090	88,559	587,951	22,344	1,459	-	240	-	5,561	706,114	940,204
QUEENS SECTOR											
Sixty-Third St. Tunnel	-	-	83,408	-	-	-	-	-	-	83,408	83,408
Sixtieth St. Tunnel-BMT/IND	-	-	129,388	-	-	-	-	-	-	129,388	129,388
Queensboro Bridge-Tramway	110,099	-	-	7,359	4,180	-	-	3,091	1,506	16,136	126,235
Fifty-Third St. Tunnel-IND	-	-	125,091	-	-	-	-	-	-	125,091	125,091
Steinway Tunnel-IRT	-	-	104,641	-	-	-	-	-	-	104,641	104,641
Queens Midtown Tunnel-IRT	60,157	-	-	456	-	-	-	-	-	456	60,613
Amtrak/LIRR Tunnels	-	-	-	-	-	113,716	-	-	-	113,716	113,716
All Ferry Points	-	-	-	-	-	-	23	-	-	23	23
SECTOR TOTAL	170,256	-	442,528	7,815	4,180	113,716	23	3,091	1,506	572,859	743,115
NEW JERSEY SECTOR											
Lincoln Tunnel	59,232	-	-	157,248	-	-	-	-	-	157,248	216,480
Amtrak/N.J. Transit Tunnels	-	-	-	-	-	70,057	-	-	-	70,057	70,057
Uptown Path Tunnel	-	-	58,308	-	-	-	-	-	-	58,308	58,308
Holland Tunnel	56,205	-	-	20,879	-	-	-	-	-	20,879	77,084
Downtown Path Tunnel	-	-	47,965	-	-	-	-	-	-	47,965	47,965
All Ferry Points	-	-	-	-	-	-	14,799	-	-	14,799	14,799
SECTOR TOTAL	115,437	-	106,273	178,127	-	70,057	14,799	-	-	369,256	484,693
STATEN ISLAND FERRY, BICYCLE	-	-	-	-	-	-	37,119	-	232	37,351	37,351
TOTAL, ALL SECTORS	985,822	480,975	1,477,380	215,203	43,259	282,499	52,222	3,091	20,246	2,574,875	3,560,697

TABLE 16
WHERE AND WHEN MOTOR VEHICLES ENTERED THE HUB ON A FALL BUSINESS DAY IN 2009

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	5,273	15,244	81,039	-	-	-	5,273	15,244	81,039
YORK AVENUE	828	2,460	19,628	17	39	130	845	2,499	19,758
SECOND AVENUE	2,066	6,338	47,966	17	66	283	2,083	6,404	48,249
QUEENSBORO BRIDGE RAMP	-	-	-	-	-	-	-	-	-
LEXINGTON AVENUE	1,506	4,225	26,436	34	93	420	1,540	4,318	26,856
PARK AVENUE	1,502	4,087	21,181	-	-	-	1,502	4,087	21,181
FIFTH AVENUE	1,454	4,415	26,195	94	260	864	1,548	4,675	27,059
CENTRAL PARK DRIVE AND 7TH AVENUE	886	1,767	1,809	-	-	-	886	1,767	1,809
BROADWAY	659	1,938	14,869	42	109	591	701	2,047	15,460
COLUMBUS AVENUE	1,275	3,534	25,676	5	19	108	1,280	3,553	25,784
WEST END AVENUE	1,028	2,691	16,056	5	15	102	1,033	2,706	16,158
WEST SIDE HIGHWAY	4,939	14,273	62,483	-	-	-	4,939	14,273	62,483
SECTOR TOTAL	21,416	60,972	343,338	214	601	2,498	21,630	61,573	345,836
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	2,918	9,205	56,138	2	9	59	2,920	9,214	56,197
MANHATTAN BRIDGE	2,650	7,507	35,023	3	9	33	2,653	7,516	35,056
BROOKLYN BRIDGE	3,558	10,642	63,555	-	-	-	3,558	10,642	63,555
BROOKLYN BATTERY TUNNEL	2,802	8,386	27,387	181	444	739	2,983	8,830	28,126
SECTOR TOTAL	11,928	35,740	182,103	186	462	831	12,114	36,202	182,934
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	4,105	11,510	46,914	142	323	507	4,247	11,833	47,421
QUEENSBORO BRIDGE	6,097	17,634	90,508	21	57	316	6,118	17,691	90,824
SECTOR TOTAL	10,202	29,144	137,422	163	380	823	10,365	29,524	138,245
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,846	8,648	43,991	70	171	810	2,916	8,819	44,801
LINCOLN TUNNEL	2,627	8,772	43,493	945	2,287	6,877	3,572	11,059	50,370
SECTOR TOTAL	5,473	17,420	87,484	1,015	2,458	7,687	6,488	19,878	95,171
TOTAL, ALL SECTORS	49,019	143,276	750,347	1,578	3,901	11,839	50,597	147,177	762,186

TABLE 17
WHERE AND WHEN MOTOR VEHICLES LEFT THE HUB ON A FALL BUSINESS DAY IN 2009

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	3,599	10,794	65,621	-	-	-	3,599	10,794	65,621
YORK AVENUE	857	2,548	15,845	7	22	114	864	2,570	15,959
FIRST AVENUE	2,156	6,387	37,428	18	57	292	2,174	6,444	37,720
QUEENSBORO BRIDGE RAMP	1,800	5,170	34,937	-	-	-	1,800	5,170	34,937
THIRD AVENUE	1,505	4,464	32,574	38	93	425	1,543	4,557	32,999
PARK AVENUE	1,317	3,864	20,196	-	-	-	1,317	3,864	20,196
MADISON AVENUE	1,147	3,687	22,997	108	268	863	1,255	3,955	23,860
CENTRAL PARK DRIVE FROM 6TH AVENUE	695	1,836	5,492	-	-	-	695	1,836	5,492
CENTRAL PARK WEST	728	2,218	14,302	9	32	174	737	2,250	14,476
BROADWAY	745	2,302	13,593	28	82	419	773	2,384	14,012
AMSTERDAM AVENUE	1,583	4,593	25,031	7	17	99	1,590	4,610	25,130
WEST END AVENUE	598	2,091	8,694	7	21	104	605	2,112	8,798
WEST SIDE HIGHWAY	3,459	10,046	53,802	-	-	-	3,459	10,046	53,802
SECTOR TOTAL	20,189	60,000	350,512	222	592	2,490	20,411	60,592	353,002
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	3,144	9,260	51,939	4	11	58	3,148	9,271	51,997
MANHATTAN BRIDGE	2,495	7,238	36,849	4	10	31	2,499	7,248	36,880
BROOKLYN BRIDGE	3,520	10,794	61,466	-	-	-	3,520	10,794	61,466
BROOKLYN BATTERY TUNNEL	2,310	6,598	23,053	160	391	692	2,470	6,989	23,745
SECTOR TOTAL	11,469	33,890	173,307	168	412	781	11,637	34,302	174,088
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	2,842	8,310	38,790	7	15	29	2,849	8,325	38,819
QUEENSBORO BRIDGE	5,470	16,241	88,617	124	289	721	5,594	16,530	89,338
SECTOR TOTAL	8,312	24,551	127,407	131	304	750	8,443	24,855	128,157
NEW JERSEY SECTOR									
HOLLAND TUNNEL	2,937	9,156	47,517	87	241	810	3,024	9,397	48,327
LINCOLN TUNNEL	3,558	9,474	41,969	385	1,345	6,877	3,943	10,819	48,846
SECTOR TOTAL	6,495	18,630	89,486	472	1,586	7,687	6,967	20,216	97,173
TOTAL, ALL SECTORS	46,465	137,071	740,712	993	2,894	11,708	47,458	139,965	752,420

TABLE 18
WHERE AND WHEN BUS PASSENGERS ENTERED THE HUB
ON A FALL BUSINESS DAY IN 2009

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	442	840	2,707	120	225	254	562	1,065	2,961
SECOND AVENUE	895	2,672	7,809	-	-	-	895	2,672	7,809
LEXINGTON AVENUE	898	2,029	6,744	151	508	931	1,049	2,537	7,675
FIFTH AVENUE	1,387	3,001	8,873	1,236	3,703	7,051	2,623	6,704	15,924
BROADWAY	669	1,479	5,779	66	171	418	735	1,650	6,197
COLUMBUS AVENUE	88	271	1,668	-	-	-	88	271	1,668
WEST END AVENUE	126	272	1,030	-	-	-	126	272	1,030
SECTOR TOTAL	4,505	10,564	34,610	1,573	4,607	8,654	6,078	15,171	43,264
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	34	160	668	-	-	-	34	160	668
MANHATTAN BRIDGE	66	152	438	-	-	-	66	152	438
BROOKLYN BATTERY TUNNEL	-	-	-	6,891	16,519	24,759	6,891	16,519	24,759
SECTOR TOTAL	100	312	1,106	6,891	16,519	24,759	6,991	16,831	25,865
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	4,552	9,489	11,466	4,552	9,489	11,466
QUEENSBORO BRIDGE	322	814	2,623	-	-	-	322	814	2,623
SECTOR TOTAL	322	814	2,623	4,552	9,489	11,466	4,874	10,303	14,089
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	2,429	5,954	18,246	2,429	5,954	18,246
LINCOLN TUNNEL	-	-	-	32,792	79,418	172,302	32,792	79,418	172,302
SECTOR TOTAL	-	-	-	35,221	85,372	190,548	35,221	85,372	190,548
TOTAL, ALL SECTORS	4,927	11,690	38,339	48,237	115,987	235,427	53,164	127,677	273,766

TABLE 19
WHERE AND WHEN BUS PASSENGERS LEFT THE HUB
ON A FALL BUSINESS DAY IN 2009

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	183	596	2,037	-	-	-	183	596	2,037
FIRST AVENUE	568	1,806	7,272	43	130	193	611	1,936	7,465
THIRD AVENUE	1,123	2,583	7,892	43	129	278	1,166	2,712	8,170
MADISON AVENUE	1,457	3,630	9,786	1,629	3,548	6,189	3,086	7,178	15,975
CENTRAL PARK WEST	143	399	1,769	-	-	-	143	399	1,769
BROADWAY	636	1,824	6,047	49	111	257	685	1,935	6,304
AMSTERDAM AVENUE	169	361	1,792	-	-	-	169	361	1,792
WEST END AVENUE	126	327	1,025	-	-	-	126	327	1,025
SECTOR TOTAL	4,405	11,526	37,620	1,764	3,918	6,917	6,169	15,444	44,537
BROOKLYN SECTOR									
WILLIAMSBURG BRIDGE	101	394	956	-	-	-	101	394	956
MANHATTAN BRIDGE	111	235	503	-	-	-	111	235	503
BROOKLYN BATTERY TUNNEL	-	-	-	5,824	13,516	22,344	5,824	13,516	22,344
SECTOR TOTAL	212	629	1,459	5,824	13,516	22,344	6,036	14,145	23,803
QUEENS SECTOR									
QUEENS MIDTOWN TUNNEL	-	-	-	154	318	456	154	318	456
QUEENSBORO BRIDGE	482	1,362	4,180	2,448	5,171	7,359	2,930	6,533	11,539
SECTOR TOTAL	482	1,362	4,180	2,602	5,489	7,815	3,084	6,851	11,995
NEW JERSEY SECTOR									
HOLLAND TUNNEL	-	-	-	3,264	9,075	20,879	3,264	9,075	20,879
LINCOLN TUNNEL	-	-	-	14,442	50,673	157,248	14,442	50,673	157,248
SECTOR TOTAL	-	-	-	17,706	59,748	178,127	17,706	59,748	178,127
TOTAL, ALL SECTORS	5,099	13,517	43,259	27,896	82,671	215,203	32,995	96,188	258,462

TABLE 20
LEVEL OF COMFORT AND HEADWAY
FOR PUBLIC TRANSPORTATION VEHICLES ENTERING THE HUB ON A FALL BUSINESS DAY IN 2009
DURING THE 8AM-9AM PEAK HOUR

	SERVICE OPERATION				FLOOR SPACE		NUMBER OF PSGR		PASSENGERS		AVG FLOOR SPACE		AVERAGE HEADWAY	
	TRAINS, ETC.		RAILCARS, BUSES		(SQ. FT.)				PER RAILCAR, BUS		PER PSGR (SQ. FT.)		(MINUTES)	
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
60TH STREET SECTOR														
LEXINGTON AVE EXPRESS	26	24	260	240	156,520	144,480	33,015	25,893	127	108	4.74	5.58	2.3	2.5
LEXINGTON AVE LOCAL	21	23	210	230	126,420	138,460	26,196	21,528	125	94	4.83	6.43	2.9	2.6
EIGHTH AVE EXPRESS	19	19	160	152	96,320	91,504	23,052	20,864	144	137	4.18	4.39	3.2	3.2
EIGHTH AVE LOCAL	12	11	102	88	61,404	52,976	9,822	9,395	96	107	6.25	5.64	5.0	5.5
BROADWAY/7TH AVE EXPRESS	20	19	200	210	120,400	126,420	26,922	21,403	135	102	4.47	5.91	3.0	3.2
BROADWAY/7TH AVE LOCAL	18	21	180	190	108,360	114,380	15,683	12,837	87	68	6.91	8.91	3.3	2.9
MTA/AMTRAK TUN.	53	53	397	396	238,994	238,392	33,708	32,252	85	81	7.09	7.39	1.1	1.1
BUSES	-	-	235	214	75,200	68,480	6,373	6,078	27	28	11.80	11.27	-	-
SECTOR AVERAGE	169	170	1,744	1,720	983,618	975,092	174,771	150,250	100	87	5.63	6.49	3.0	3.0
BROOKLYN SECTOR														
14TH ST. TUNNEL	17	17	136	136	81,872	81,872	19,345	16,635	142	122	4.23	4.92	3.5	3.5
WILLIAMSBURG BRIDGE	18	17	144	136	86,688	81,872	16,474	11,133	114	82	5.26	7.35	3.3	3.5
RUTGERS ST. TUNNEL	13	12	108	106	65,016	63,812	9,550	11,997	88	113	6.81	5.32	4.6	5.0
MANHATTAN BRIDGE	38	35	330	306	198,660	184,212	41,160	37,575	125	123	4.83	4.90	1.6	1.7
CRANBERRY ST. TUNNEL	26	26	218	208	131,236	125,216	28,231	20,427	130	98	4.65	6.13	2.3	2.3
CLARK ST. TUNNEL	16	17	160	170	96,320	102,340	12,887	13,368	81	79	7.47	7.66	3.8	3.5
MONTAGUE ST. TUNNEL	15	15	120	120	72,240	72,240	8,677	7,921	72	66	8.33	9.12	4.0	4.0
JORALEMON ST. TUNNEL	24	19	240	190	144,480	114,380	19,801	18,860	83	99	7.30	6.06	2.5	3.2
BUSES	-	-	198	186	63,360	59,520	7,231	6,991	37	38	8.76	8.51	-	-
SECTOR AVERAGE	167	158	1,654	1,558	939,872	803,592	163,356	144,907	99	93	5.75	5.55	3.2	3.3
QUEENS SECTOR														
60TH STREET TUNNEL	23	23	202	214	121,604	128,828	26,710	24,060	132	112	4.55	5.35	2.6	2.6
53RD STREET TUNNEL	24	23	220	196	132,440	117,992	29,161	26,039	133	133	4.54	4.53	2.5	2.6
STEINWAY TUNNEL	23	27	253	297	152,306	178,794	20,000	17,183	79	58	7.62	10.41	2.6	2.2
63RD STREET TUNNEL	16	14	132	120	79,464	72,240	16,506	15,539	125	129	4.81	4.65	3.8	4.3
LIRR/AMTRAK TUNNELS	37	37	386	392	232,372	235,984	35,735	34,105	93	87	6.50	6.92	1.6	1.6
BUSES	-	-	163	163	52,160	52,160	5,085	4,874	31	30	10.26	10.70	-	-
SECTOR AVERAGE	123	124	1,356	1,382	770,346	785,998	133,197	121,800	98	88	5.78	6.45	2.6	2.67
NEW JERSEY SECTOR														
PATH DOWNTOWN TUNNEL	25	24	175	168	64,400	62,126	14,067	11,331	80	67	4.58	5.48	2.4	2.5
PATH UPTOWN TUNNEL	24	24	168	168	61,824	62,126	15,062	14,290	90	85	4.10	4.35	2.5	2.5
N.J. TRANSIT/AMTRAK TUNNEL	25	26	229	237	137,858	142,674	19,790	20,800	86	88	6.97	6.86	2.4	2.3
BUSES	-	-	1,046	1,015	334,720	324,800	36,296	35,221	35	35	9.22	9.22	-	-
SECTOR AVERAGE	74	74	1,618	1,588	598,802	591,727	85,215	81,642	53	51	7.03	7.25	2.4	2.4
STATEN ISLAND FERRY	4	4	4	4	80,000	80,000	6,261	6,307	1,565	1,577	12.78	12.68	15.0	15.0
ROOSEVELT ISLAND TRAMWAY	8	8	8	8	2,400	2,400	570	553	71	69	4.21	4.34	7.5	7.5
AVERAGE, ALL SECTORS	545	538	6,384	6,260	3,375,038	3,238,809	563,370	505,459	88	81	5.99	6.41	2.8	2.9

Note: 2008 data have been revised; Average, All Sectors data exclude private ferry commuters.

TABLE 21A
TOTAL PERSONS ENTERING AND LEAVING THE HUB
ON A FALL BUSINESS DAY IN 2007, 2008 AND 2009

HOURS	2007			2008			2009		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	31,320	74,576	105,897	30,682	63,506	94,188	28,011	64,807	92,818
1:00am	17,771	41,838	59,608	17,169	33,059	50,228	15,679	31,879	47,558
2:00am	13,476	21,176	34,652	12,457	19,037	31,494	11,325	17,908	29,233
3:00am	12,517	15,670	28,188	12,091	14,630	26,721	12,053	13,755	25,808
4:00am	25,545	18,535	44,080	22,607	17,564	40,171	24,984	18,083	43,067
5:00am	81,090	33,600	114,690	78,948	32,930	111,878	79,756	35,491	115,247
6:00am	221,164	79,744	300,909	219,638	81,906	301,543	206,915	84,161	291,076
7:00am	434,854	143,048	577,902	426,437	142,399	568,836	414,327	147,642	561,969
8:00am	639,984	153,064	793,048	633,408	157,028	790,436	574,615	162,399	737,014
9:00am	385,009	121,464	506,474	386,191	123,085	509,276	337,199	123,295	460,494
10:00am	191,283	101,345	292,628	204,121	102,592	306,713	192,142	103,742	295,884
11:00am	146,638	100,121	246,759	156,318	102,780	259,098	154,271	106,881	261,152
12:00pm	134,941	112,390	247,331	140,348	117,354	257,702	143,708	123,844	267,552
1:00pm	131,506	126,733	258,239	140,818	128,829	269,647	140,366	136,563	276,929
2:00pm	142,358	164,672	307,030	153,171	170,818	323,989	150,797	172,435	323,232
3:00pm	168,524	225,963	394,488	172,803	226,126	398,930	170,482	227,593	398,075
4:00pm	179,707	313,174	492,880	194,522	312,276	506,798	179,769	303,734	483,503
5:00pm	193,456	482,278	675,733	206,189	495,203	701,392	194,705	444,930	639,635
6:00pm	160,701	436,378	597,079	168,460	428,387	596,847	160,141	388,518	548,659
7:00pm	123,512	298,650	422,162	124,180	282,232	406,412	119,961	264,396	384,357
8:00pm	95,287	211,775	307,062	97,885	200,840	298,724	90,847	196,268	287,115
9:00pm	79,590	166,855	246,445	77,552	162,688	240,240	75,720	159,916	235,636
10:00pm	72,945	136,627	209,573	71,448	137,453	208,900	67,366	131,305	198,671
11:00pm	56,786	116,056	172,842	51,541	97,534	149,075	51,718	101,152	152,870
TOTAL	3,739,966	3,695,732	7,435,698	3,798,984	3,650,257	7,449,241	3,596,857	3,560,697	7,157,554

TABLE 21B
CUMULATIVE TOTAL OF PERSONS ENTERING THE HUB
AT PEAK ACCUMULATION 1975-2009

YEAR	TOTAL ACCUMULATION	AT
1975	1,402,000	1:00pm
1976	1,319,000	1:00pm
1977	1,356,000	1:00pm
1978	1,329,000	1:00pm
1979	1,388,000	2:00pm
1980	1,436,000	1:00pm
1981	1,446,000	1:00pm
1982	1,487,000	1:00pm
1983	1,500,000	1:00pm
1984	1,511,000	1:00pm
1985	1,485,000	1:00pm
1986	1,471,000	1:00pm
1987	1,448,000	1:00pm
1988	1,447,000	2:00pm
1989	1,481,000	1:00pm
1990	1,318,000	1:00pm
1991	1,325,000	1:00pm
1992	1,262,000	1:00pm
1993	1,250,000	1:00pm
1994	1,273,000	1:00pm
1995	1,277,000	1:00pm
1996	1,295,000	1:00pm
1997	1,303,000	1:00pm
1998	1,296,000	1:00pm
2000	1,464,000	1:00pm
2001	1,253,800	1:00pm
2002	1,265,360	1:00pm
2003	1,273,519	1:00pm
2004	1,228,259	2:00pm
2005	1,197,459	2:00pm
2006	1,244,863	2:00pm
2007	1,381,852	1:00pm
2008	1,334,179	1:00pm
2009	1,209,458	2:00pm

TABLE 22A
TOTAL PUBLIC TRANSIT PASSENGERS ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN 2007, 2008 AND 2009

HOURS	2007			2008			2009		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	9,837	42,243	52,080	11,830	34,792	46,622	8,332	36,393	44,725
1:00am	4,922	21,227	26,149	5,694	15,382	21,076	3,596	14,797	18,393
2:00am	4,175	7,632	11,807	3,953	7,041	10,994	2,298	6,187	8,485
3:00am	3,121	4,740	7,861	3,362	4,589	7,951	3,046	3,978	7,024
4:00am	11,219	4,788	16,007	8,918	4,485	13,403	11,231	5,159	16,390
5:00am	47,903	11,843	59,746	47,431	12,062	59,493	49,332	14,681	64,013
6:00am	165,615	42,322	207,937	166,984	45,946	212,930	155,159	48,730	203,889
7:00am	371,479	96,105	467,584	365,421	96,057	461,478	354,864	102,313	457,177
8:00am	574,740	107,029	681,769	568,530	111,121	679,651	510,387	117,219	627,606
9:00am	323,880	77,748	401,628	328,308	80,751	409,059	275,866	80,010	355,876
10:00am	139,387	57,793	197,181	156,084	61,158	217,242	141,510	60,996	202,506
11:00am	99,208	57,140	156,347	111,184	60,970	172,154	106,791	63,801	170,592
12:00pm	87,944	66,483	154,427	96,611	73,532	170,143	97,577	77,925	175,502
1:00pm	84,733	78,199	162,932	97,167	82,508	179,675	93,607	88,308	181,915
2:00pm	93,033	109,122	202,156	106,421	117,496	223,917	102,385	118,683	221,068
3:00pm	118,707	165,278	283,985	124,987	167,967	292,954	121,335	169,301	290,636
4:00pm	128,496	248,548	377,044	146,265	251,932	398,197	131,501	242,590	374,091
5:00pm	140,172	415,758	555,929	154,036	431,301	585,337	142,369	380,037	522,406
6:00pm	108,738	370,584	479,322	117,479	365,264	482,743	108,482	323,297	431,779
7:00pm	73,504	237,193	310,697	77,721	225,537	303,258	70,399	205,414	275,813
8:00pm	50,168	154,057	204,225	55,893	147,029	202,922	48,403	143,180	191,583
9:00pm	37,563	111,635	149,198	37,173	110,402	147,575	36,658	109,119	145,777
10:00pm	31,984	83,718	115,703	33,881	88,677	122,558	29,252	82,555	111,807
11:00pm	22,282	69,680	91,962	19,981	56,418	76,399	19,534	59,956	79,490
TOTAL	2,732,812	2,640,864	5,373,676	2,845,314	2,652,417	5,497,731	2,623,914	2,554,629	5,178,543

TABLE 22B
CUMULATIVE TOTAL OF PASSENGERS ENTERING AND LEAVING THE
HUB BY PUBLIC TRANSPORTATION, AT PEAK ACCUMULATION
1975-2009

YEAR	TOTAL ACCUMULATION	AT
1975	1,254,000	1:00pm
1976	1,209,000	1:00pm
1977	1,189,000	1:00pm
1978	1,167,000	1:00pm
1979	1,226,000	2:00pm
1980	1,274,000	1:00pm
1981	1,291,000	1:00pm
1982	1,291,000	1:00pm
1983	1,299,000	1:00pm
1984	1,302,000	1:00pm
1985	1,300,000	1:00pm
1986	1,290,000	1:00pm
1987	1,258,000	1:00pm
1988	1,272,000	2:00pm
1989	1,305,000	1:00pm
1990	1,166,000	1:00pm
1991	1,170,000	1:00pm
1992	1,114,000	1:00pm
1993	1,107,000	1:00pm
1994	1,124,000	1:00pm
1995	1,134,000	1:00pm
1996	1,147,000	1:00pm
1997	1,214,000	1:00pm
1998	1,106,000	1:00pm
2000	1,301,700	1:00pm
2001	1,143,565	1:00pm
2002	1,165,742	1:00pm
2003	1,131,893	1:00pm
2004	1,095,947	2:00pm
2005	1,084,278	2:00pm
2006	1,127,823	2:00pm
2007	1,263,788	1:00pm
2008	1,227,692	2:00pm
2009	1,113,513	2:00pm

TABLE 23A
TOTAL PRIVATE MOTOR VEHICLES ENTERING AND LEAVING
THE HUB ON A FALL BUSINESS DAY IN YEARS 2007, 2008 AND 2009

HOURS	2007			2008			2009		
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL
12:00am	16,758	24,312	41,070	14,728	21,694	36,422	15,422	21,370	36,792
1:00am	10,018	15,527	25,545	8,975	13,330	22,305	9,463	12,854	22,317
2:00am	7,284	10,222	17,506	6,669	9,044	15,713	7,081	8,829	15,910
3:00am	7,406	8,285	15,691	6,878	7,609	14,487	7,098	7,402	14,500
4:00am	11,352	10,452	21,804	10,865	9,937	20,802	10,923	9,807	20,730
5:00am	26,421	16,611	43,032	25,097	15,954	41,051	24,416	15,905	40,321
6:00am	45,714	28,555	74,269	43,238	27,338	70,576	42,315	26,948	69,263
7:00am	51,001	35,379	86,380	49,027	34,729	83,756	47,538	33,958	81,496
8:00am	49,987	34,227	84,214	49,364	33,969	83,333	49,019	33,533	82,552
9:00am	46,673	32,208	78,881	43,879	31,120	74,999	46,719	31,793	78,512
10:00am	40,422	32,266	72,688	37,199	30,689	67,888	39,091	31,576	70,667
11:00am	36,946	32,104	69,050	34,876	31,222	66,098	36,384	31,982	68,366
12:00pm	35,828	33,939	69,767	33,309	32,473	65,782	34,823	33,671	68,494
1:00pm	35,776	36,434	72,210	33,383	34,703	68,086	35,416	35,857	71,273
2:00pm	37,959	41,388	79,347	35,858	39,651	75,509	36,848	39,695	76,543
3:00pm	38,748	45,717	84,465	37,227	43,697	80,924	37,733	43,540	81,273
4:00pm	39,365	47,653	87,018	37,001	44,452	81,453	36,771	44,481	81,252
5:00pm	40,507	48,241	88,748	39,536	46,163	85,699	39,321	46,465	85,786
6:00pm	39,964	47,187	87,151	39,053	45,045	84,098	39,467	46,125	85,592
7:00pm	38,474	44,563	83,037	35,721	40,779	76,500	37,724	42,235	79,959
8:00pm	34,803	42,638	77,441	32,316	39,473	71,789	32,327	38,732	71,059
9:00pm	32,605	40,919	73,524	31,247	38,600	69,847	30,011	37,353	67,364
10:00pm	31,877	39,310	71,187	29,112	36,133	65,245	29,445	35,959	65,404
11:00pm	26,835	34,654	61,489	24,573	30,746	55,319	24,992	30,642	55,634
TOTAL	782,723	782,791	1,565,514	739,131	738,548	1,477,679	750,347	740,712	1,491,059

TABLE 23B
CUMULATIVE TOTAL OF MOTOR VEHICLES ENTERING AND LEAVING
THE HUB AT PEAK ACCUMULATION, 1973-2009

YEAR	TOTAL ACCUMULATION	AT
1973	89,300	2:00pm
1975	84,400	2:00pm
1976	93,500	1:00pm
1977	97,400	2:00pm
1978	96,900	2:00pm
1979	101,500	2:00pm
1980	101,500	2:00pm
1981	97,400	2:00pm
1982	102,100	2:00pm
1983	105,800	1:00pm
1984	125,300	2:00pm
1985	104,000	1:00pm
1986	107,200	1:00pm
1987	110,900	2:00pm
1988	100,800	1:00pm
1989	101,300	2:00pm
1990	101,800	1:00pm
1991	102,300	1:00pm
1992	96,300	1:00pm
1993	94,100	2:00pm
1994	97,100	2:00pm
1995	94,100	2:00pm
1996	93,800	1:00pm
1997	101,000	2:00pm
1998	104,000	2:00pm
1999	N/A	2:00pm
2000	102,872	2:00pm
2001	67,093	2:00pm
2002	60,181	2:00pm
2003	86,909	2:00pm
2004	91,551	1:00pm
2005	85,119	1:00pm
2006	89,847	1:00pm
2007	88,629	1:00pm
2008	79,198	1:00pm
2009	78,305	1:00pm

TABLE 24
TOTAL PERSONS ENTERING THE HUB BY HOUR AND MODE IN 2009

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	19,679	6,068	1,337	800	111	16	0	28,011
1:00am	12,083	2,495	690	350	57	4	0	15,679
2:00am	9,027	1,744	122	402	29	1	0	11,325
3:00am	9,007	2,875	110	20	41	0	0	12,053
4:00am	13,753	9,322	1,514	300	95	0	0	24,984
5:00am	30,424	38,118	7,847	2,936	431	0	0	79,756
6:00am	51,189	102,912	27,355	22,112	2,718	62	567	206,915
7:00am	58,312	241,526	51,140	55,235	6,656	307	1,151	414,327
8:00am	62,465	358,278	53,164	87,157	11,235	553	1,763	574,615
9:00am	59,516	203,938	23,373	39,565	8,515	475	1,817	337,199
10:00am	49,309	111,482	11,936	15,336	2,627	129	1,323	192,142
11:00am	46,103	86,494	8,151	9,583	2,432	131	1,377	154,271
12:00pm	44,810	79,614	7,628	7,939	2,261	135	1,321	143,708
1:00pm	45,444	78,759	6,606	5,797	2,320	125	1,315	140,366
2:00pm	47,150	85,294	8,378	6,017	2,418	278	1,262	150,797
3:00pm	47,921	102,306	10,195	6,579	2,076	179	1,226	170,482
4:00pm	46,936	110,425	12,717	6,498	1,686	175	1,332	179,769
5:00pm	50,856	120,305	10,540	9,145	2,235	144	1,480	194,705
6:00pm	50,193	86,477	9,962	10,111	1,797	135	1,466	160,141
7:00pm	48,070	57,137	6,292	5,834	1,065	71	1,492	119,961
8:00pm	41,247	40,503	4,032	3,123	696	49	1,197	90,847
9:00pm	38,245	30,161	3,280	2,680	485	52	817	75,720
10:00pm	37,521	22,391	4,184	2,255	373	49	593	67,366
11:00pm	31,891	15,005	3,213	1,006	271	39	293	51,718
TOTAL	951,151	1,993,629	273,766	300,780	52,630	3,109	21,792	3,596,857

TABLE 25
TOTAL PERSONS LEAVING THE HUB BY HOUR AND MODE IN 2009

HOURS	AUTO/TAXI VAN/TRUCK	SUBWAY	BUSES	SUBURBAN RAIL	FERRY	TRAMWAY	BICYCLE	TOTAL
12:00am	28,414	30,096	2,957	2,753	553	34	0	64,807
1:00am	17,082	11,793	992	1,496	492	24	0	31,879
2:00am	11,721	5,608	266	60	251	2	0	17,908
3:00am	9,777	3,143	315	393	127	0	0	13,755
4:00am	12,924	4,160	516	410	73	0	0	18,083
5:00am	20,810	11,250	2,623	730	78	0	0	35,491
6:00am	35,144	37,670	8,348	2,381	312	19	287	84,161
7:00am	44,786	81,047	13,398	6,926	859	83	543	147,642
8:00am	44,509	94,673	15,428	5,789	1,265	64	671	162,399
9:00am	42,649	65,287	9,670	3,933	1,065	55	636	123,295
10:00am	42,077	50,017	6,160	3,524	1,248	47	669	103,742
11:00am	42,218	52,311	5,921	3,772	1,679	118	862	106,881
12:00pm	44,775	63,820	6,963	5,015	2,040	87	1,144	123,844
1:00pm	47,153	71,007	8,411	6,373	2,393	124	1,102	136,563
2:00pm	52,577	92,860	13,850	9,516	2,357	100	1,175	172,435
3:00pm	57,048	129,124	20,011	17,040	2,850	276	1,244	227,593
4:00pm	59,467	176,307	32,883	28,640	4,516	244	1,677	303,734
5:00pm	62,807	272,829	32,995	65,944	7,950	319	2,086	444,930
6:00pm	62,912	233,877	30,310	49,885	8,735	490	2,309	388,518
7:00pm	56,914	155,255	17,309	27,393	5,095	362	2,068	264,396
8:00pm	51,542	113,169	11,053	15,462	3,226	270	1,546	196,268
9:00pm	49,815	87,461	7,509	11,805	2,161	183	982	159,916
10:00pm	47,912	66,626	6,277	7,842	1,705	105	838	131,305
11:00pm	40,789	48,965	4,297	5,417	1,192	85	407	101,152
TOTAL	985,822	1,958,355	258,462	282,499	52,222	3,091	20,246	3,560,697

TABLE 26
TOTAL PERSONS ENTERING THE HUB BY HOUR AND SECTOR IN 2009

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR *	N. J. SECTOR	S. I. SECTOR (FERRY)	TOTAL
12:00am	14,003	6,376	4,127	3,402	103	28,011
1:00am	7,578	3,660	2,426	1,958	57	15,679
2:00am	5,291	2,761	2,009	1,235	29	11,325
3:00am	5,036	3,311	2,497	1,168	41	12,053
4:00am	8,544	6,954	6,057	3,334	95	24,984
5:00am	24,448	22,979	17,860	14,144	325	79,756
6:00am	58,114	55,325	50,008	41,998	1,470	206,915
7:00am	123,825	114,002	99,426	73,755	3,319	414,327
8:00am	179,631	160,011	135,169	93,479	6,325	574,615
9:00am	110,300	97,520	74,759	48,128	6,492	337,199
10:00am	68,661	54,147	42,561	24,880	1,893	192,142
11:00am	60,991	42,459	31,287	17,764	1,770	154,271
12:00pm	59,552	38,614	27,498	16,259	1,785	143,708
1:00pm	58,821	38,520	27,121	13,910	1,994	140,366
2:00pm	63,708	40,443	28,738	15,781	2,127	150,797
3:00pm	76,250	42,149	31,611	18,687	1,785	170,482
4:00pm	80,022	43,353	32,244	22,836	1,314	179,769
5:00pm	87,193	45,799	33,920	26,217	1,576	194,705
6:00pm	73,534	34,388	26,945	23,984	1,290	160,141
7:00pm	58,962	25,931	18,308	15,954	806	119,961
8:00pm	45,993	20,277	13,759	10,231	587	90,847
9:00pm	37,678	17,421	11,475	8,685	461	75,720
10:00pm	31,986	15,668	10,211	9,154	347	67,366
11:00pm	26,064	11,867	7,134	6,391	262	51,718
TOTAL	1,366,185	943,935	737,150	513,334	36,253	3,596,857

* - Queens Sector data include Roosevelt Island Tramway commuters

TABLE 27
TOTAL PERSONS LEAVING THE HUB BY HOUR AND SECTOR IN 2009

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR *	N. J. SECTOR	S. I. SECTOR (FERRY)	TOTAL
12:00am	22,832	19,842	15,262	6,330	541	64,807
1:00am	11,780	9,184	6,961	3,462	492	31,879
2:00am	6,804	5,374	3,677	1,802	251	17,908
3:00am	5,156	3,684	3,035	1,753	127	13,755
4:00am	7,396	4,271	3,776	2,567	73	18,083
5:00am	15,695	7,131	6,874	5,713	78	35,491
6:00am	37,740	17,531	14,523	14,110	257	84,161
7:00am	72,099	29,523	21,703	23,759	558	147,642
8:00am	77,470	33,861	23,439	26,912	717	162,399
9:00am	60,320	27,599	16,878	17,740	758	123,295
10:00am	51,188	23,478	16,084	11,941	1,051	103,742
11:00am	50,513	25,475	18,237	11,144	1,512	106,881
12:00pm	55,763	30,425	22,418	13,472	1,766	123,844
1:00pm	59,511	34,124	25,081	15,738	2,109	136,563
2:00pm	69,374	43,637	34,486	23,070	1,868	172,435
3:00pm	82,758	60,274	50,848	31,592	2,121	227,593
4:00pm	98,403	83,007	70,610	48,816	2,898	303,734
5:00pm	144,858	122,681	110,001	63,082	4,308	444,930
6:00pm	126,992	109,216	89,189	57,269	5,852	388,518
7:00pm	90,229	76,467	59,147	35,010	3,543	264,396
8:00pm	67,057	59,281	43,681	23,662	2,587	196,268
9:00pm	57,121	47,461	34,822	18,892	1,620	159,916
10:00pm	48,111	37,444	28,926	15,587	1,237	131,305
11:00pm	36,164	29,234	23,457	11,270	1,027	101,152
TOTAL	1,355,334	940,204	743,115	484,693	37,351	3,560,697

* - Queens Sector data include Roosevelt Island Tramway commuters

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Appendix III

Hourly Detail Tables - 2009

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SECTION A
BUS TRANSIT BY SECTOR
SUMMARY, 2009-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	38	177	1	3	6	17	63	1,140	108	1,337
1:00am	13	36	2	8	6	7	31	639	52	690
2:00am	10	21	1	-	3	3	16	98	30	122
3:00am	9	27	1	1	3	6	15	76	28	110
4:00am	14	107	5	116	3	11	35	1,280	57	1,514
5:00am	54	647	44	1,293	8	122	158	5,785	264	7,847
6:00am	150	2,370	113	3,827	63	1,297	531	19,861	857	27,355
7:00am	216	5,174	211	7,849	150	4,321	878	33,796	1,455	51,140
8:00am	214	6,078	186	6,991	163	4,874	1,015	35,221	1,578	53,164
9:00am	171	3,919	65	1,991	67	1,108	565	16,355	868	23,373
10:00am	131	2,630	28	741	40	505	313	8,060	512	11,936
11:00am	113	2,024	21	550	30	276	240	5,301	404	8,151
12:00pm	127	2,270	18	373	31	254	242	4,731	418	7,628
1:00pm	122	1,999	17	355	24	182	245	4,070	408	6,606
2:00pm	131	2,314	22	425	30	263	331	5,376	514	8,378
3:00pm	136	2,567	20	437	30	192	448	6,999	634	10,195
4:00pm	149	2,569	20	317	25	177	633	9,654	827	12,717
5:00pm	137	2,642	20	274	27	169	472	7,455	656	10,540
6:00pm	134	1,951	13	125	25	116	481	7,770	653	9,962
7:00pm	109	1,255	7	39	20	49	318	4,949	454	6,292
8:00pm	103	843	4	24	22	46	216	3,119	345	4,032
9:00pm	80	631	5	70	17	38	165	2,541	267	3,280
10:00pm	79	576	5	50	15	29	162	3,529	261	4,184
11:00pm	58	437	2	6	15	27	114	2,743	189	3,213
TOTAL	2,498	43,264	831	25,865	823	14,089	7,687	190,548	11,839	273,766

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

2. New Jersey bus occupancy counts were determined based on Port Authority of NY & NJ bus traffic counts and on the occupancy rates by hour used in the 2006 Hub Bound Report.

SUMMARY, 2009-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	59	514	14	385	13	249	63	1,809	149	2,957
1:00am	32	170	6	127	4	42	31	653	73	992
2:00am	12	26	2	17	3	12	16	211	33	266
3:00am	10	26	1	-	3	7	15	282	29	315
4:00am	10	33	1	4	4	6	35	473	50	516
5:00am	19	80	2	6	6	9	158	2,528	185	2,623
6:00am	47	487	3	11	11	29	531	7,821	592	8,348
7:00am	92	1,656	7	64	14	52	878	11,626	991	13,398
8:00am	142	1,932	10	97	23	86	1,015	13,313	1,190	15,428
9:00am	141	1,435	10	88	28	58	565	8,089	744	9,670
10:00am	151	1,544	15	111	26	93	313	4,412	505	6,160
11:00am	122	1,909	14	123	29	126	240	3,763	405	5,921
12:00pm	116	2,146	15	239	30	156	242	4,422	403	6,963
1:00pm	115	2,184	20	460	29	202	245	5,565	409	8,411
2:00pm	132	2,636	28	723	30	356	331	10,135	521	13,850
3:00pm	136	2,946	57	1,727	37	612	448	14,726	678	20,011
4:00pm	182	4,082	115	3,664	73	1,386	633	23,751	1,003	32,883
5:00pm	222	6,169	168	6,036	131	3,084	472	17,706	993	32,995
6:00pm	188	5,193	129	4,445	100	2,381	481	18,291	898	30,310
7:00pm	154	3,184	66	2,173	57	1,253	318	10,699	595	17,309
8:00pm	138	2,362	37	1,372	36	766	216	6,553	427	11,053
9:00pm	104	1,486	27	986	23	364	165	4,673	319	7,509
10:00pm	94	1,560	17	496	20	315	162	3,906	293	6,277
11:00pm	72	777	17	449	20	351	114	2,720	223	4,297
TOTAL	2,490	44,537	781	23,803	750	11,995	7,687	178,127	11,708	258,462

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

2. New Jersey bus occupancy counts were determined based on Port Authority of NY & NJ bus traffic counts and on the occupancy rates by hour used in the 2006 Hub Bound Report.

SECTION A

BUS TRANSIT BY ROUTE 60TH STREET SECTOR 2009- INBOUND

HOURS	YORK AVENUE						SECOND AVE		LEXINGTON AVENUE					
	NYCT LOCAL		NYCT EXPRESS		TOTAL		NYCT LOCAL		NYCT LOCAL		MTA BUS CO.		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	3	17	-	-	3	17	4	60	6	16	-	-	6	16
1:00am	1	-	-	-	1	-	2	7	3	15	-	-	3	15
2:00am	-	-	-	-	-	-	2	7	3	8	-	-	3	8
3:00am	-	-	-	-	-	-	2	18	3	7	-	-	3	7
4:00am	-	-	-	-	-	-	4	33	5	64	-	-	5	64
5:00am	2	23	-	-	2	23	9	106	8	53	1	24	9	77
6:00am	4	96	2	29	6	125	20	278	20	169	4	78	24	247
7:00am	6	174	5	90	11	264	29	982	24	509	8	276	32	785
8:00am	11	442	6	120	17	562	17	895	28	898	6	151	34	1,049
9:00am	9	224	2	15	11	239	20	795	23	622	4	81	27	703
10:00am	4	114	-	-	4	114	15	429	22	447	3	72	25	519
11:00am	7	195	-	-	7	195	13	306	16	329	2	42	18	371
12:00pm	7	163	-	-	7	163	15	390	18	485	2	39	20	524
1:00pm	6	114	-	-	6	114	16	363	19	354	2	30	21	384
2:00pm	6	116	-	-	6	116	15	394	19	487	2	34	21	521
3:00pm	6	208	-	-	6	208	14	521	17	434	2	19	19	453
4:00pm	7	199	-	-	7	199	15	399	23	370	2	39	25	409
5:00pm	9	236	-	-	9	236	16	511	23	511	2	22	25	533
6:00pm	6	142	-	-	6	142	17	460	22	355	1	9	23	364
7:00pm	6	98	-	-	6	98	11	280	18	222	2	7	20	229
8:00pm	5	57	-	-	5	57	9	206	18	143	1	3	19	146
9:00pm	4	41	-	-	4	41	7	154	13	106	2	4	15	110
10:00pm	3	23	-	-	3	23	6	121	13	86	1	-	14	86
11:00pm	3	25	-	-	3	25	5	94	8	54	1	1	9	55
TOTAL	115	2,707	15	254	130	2,961	283	7,809	372	6,744	48	931	420	7,675

60TH STREET SECTOR 2009- INBOUND (CONT'D)

HOURS	FIFTH AVENUE								BROADWAY					
	NYCT LOCAL		MTA BUS CO **		WCDOT		TOTAL		NYCT LOCAL		MTA BUS CO. **		TOTAL	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	4	11	2	3	-	-	6	14	12	38	-	-	12	38
1:00am	2	3	-	-	-	-	2	3	5	11	-	-	5	11
2:00am	2	1	-	-	-	-	2	1	3	5	-	-	3	5
3:00am	2	2	-	-	-	-	2	2	2	-	-	-	2	-
4:00am	3	-	-	-	-	-	3	-	2	-	-	-	2	-
5:00am	4	31	10	258	3	67	17	356	12	68	-	-	12	68
6:00am	15	141	36	1,096	17	239	68	1,476	19	130	2	53	21	183
7:00am	31	567	69	2,043	2	-	102	2,610	25	294	4	77	29	371
8:00am	45	1,387	46	1,199	3	37	94	2,623	39	669	3	66	42	735
9:00am	38	1,047	22	368	4	56	64	1,471	35	516	3	28	38	544
10:00am	23	583	17	296	3	42	43	921	31	421	2	45	33	466
11:00am	21	523	15	168	1	12	37	703	26	283	2	25	28	308
12:00pm	21	428	13	98	4	71	38	597	32	388	2	19	34	407
1:00pm	17	460	15	145	1	9	33	614	31	329	2	23	33	352
2:00pm	27	621	13	138	2	14	42	773	31	304	2	14	33	318
3:00pm	28	600	14	118	6	29	48	747	34	406	2	15	36	421
4:00pm	32	779	17	151	2	13	51	943	35	429	2	11	37	440
5:00pm	28	723	14	100	-	-	42	823	32	345	2	15	34	360
6:00pm	30	436	12	62	2	8	44	506	29	304	2	15	31	319
7:00pm	23	222	13	42	1	7	37	271	26	227	1	4	27	231
8:00pm	19	132	9	24	-	-	28	156	30	159	2	-	32	159
9:00pm	12	68	9	59	1	5	22	132	22	135	1	1	23	136
10:00pm	15	73	9	48	-	-	24	121	21	158	3	3	24	161
11:00pm	6	25	8	23	1	3	15	51	19	160	1	4	20	164
TOTAL	448	8,863	363	6,439	53	612	864	15,914	553	5,779	38	418	591	6,197

60TH STREET SECTOR 2009- INBOUND (CONT'D)

HOURS	COLUMBUS AVE		WEST END AVENUE		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
12:00 am	3	27	4	5	36	174	2	3	-	-	38	177
1:00am	-	-	-	-	13	36	-	-	-	-	13	36
2:00am	-	-	-	-	10	21	-	-	-	-	10	21
3:00am	-	-	-	-	9	27	-	-	-	-	9	27
4:00am	-	-	-	-	14	97	-	-	-	-	14	97
5:00am	4	12	1	5	40	298	11	282	3	67	54	647
6:00am	5	31	6	30	91	904	42	1,227	17	239	150	2,370
7:00am	7	92	6	70	133	2,778	81	2,396	2	-	216	5,174
8:00am	5	88	5	126	156	4,625	55	1,416	3	37	214	6,078
9:00am	7	91	4	76	138	3,386	29	477	4	56	171	3,919
10:00am	6	107	5	74	106	2,175	22	413	3	42	131	2,630
11:00am	5	71	5	70	93	1,777	19	235	1	12	113	2,024
12:00pm	7	118	6	71	106	2,043	17	156	4	71	127	2,270
1:00pm	7	107	6	65	102	1,792	19	198	1	9	122	1,999
2:00pm	8	137	6	55	112	2,114	17	186	2	14	131	2,314
3:00pm	7	143	6	74	112	2,386	18	152	6	29	136	2,567
4:00pm	7	121	7	58	126	2,355	21	201	2	13	149	2,569
5:00pm	5	128	6	51	119	2,505	18	137	-	-	137	2,642
6:00pm	4	98	9	62	117	1,857	15	86	2	8	134	1,951
7:00pm	5	102	3	44	92	1,195	16	53	1	7	109	1,255
8:00pm	5	64	5	55	91	816	12	27	-	-	103	843
9:00pm	4	44	5	14	67	562	12	64	1	5	80	631
10:00pm	4	44	4	20	66	525	13	51	-	-	79	576
11:00pm	3	43	3	5	47	406	10	28	1	3	58	437
TOTAL	108	1,668	102	1,030	1,996	34,854	449	7,788	53	612	2,498	43,254

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

** MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

BUS TRANSIT BY ROUTE

60TH STREET SECTOR 2009-OUTBOUND

HOURS	YORK AVENUE		FIRST AVENUE				THIRD AVENUE				MADISON AVENUE			
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		NYCT LOCAL		MTA BUS CO.		NYCT LOCAL		MTA BUS CO.	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	4	12	6	74	-	-	6	74	11	68	1	3	12	71
1:00am	2	2	4	33	-	-	4	33	5	27	1	-	6	27
2:00am	-	-	4	11	-	-	4	11	2	4	-	-	2	4
3:00am	-	-	1	5	-	-	1	5	4	16	-	-	4	16
4:00am	-	-	2	10	-	-	2	10	3	5	-	-	3	5
5:00am	1	5	3	38	-	-	3	38	6	16	-	-	6	16
6:00am	3	54	5	164	-	-	5	164	13	90	-	-	13	90
7:00am	4	107	12	609	-	-	12	609	18	323	1	4	19	327
8:00am	7	182	23	660	-	-	23	660	22	334	3	6	25	340
9:00am	6	68	23	360	-	-	23	360	16	228	2	1	18	229
10:00am	10	79	22	380	-	-	22	380	18	247	2	4	20	251
11:00am	6	90	16	307	-	-	16	307	17	346	2	9	19	355
12:00pm	5	86	15	437	-	-	15	437	16	443	2	6	18	449
1:00pm	7	88	13	339	-	-	13	339	19	444	2	10	21	454
2:00pm	6	167	15	436	-	-	15	436	17	431	3	1	20	432
3:00pm	6	126	13	423	-	-	13	423	16	499	4	18	20	517
4:00pm	6	150	16	660	-	-	16	660	25	679	6	47	31	726
5:00pm	7	183	15	568	3	43	18	611	33	1,123	5	43	38	1,166
6:00pm	9	263	18	578	5	87	23	665	18	781	6	39	24	820
7:00pm	7	140	13	328	3	52	16	380	26	639	4	34	30	673
8:00pm	6	98	15	337	1	11	16	348	20	390	3	20	23	410
9:00pm	6	71	11	211	-	-	11	211	17	325	2	11	19	336
10:00pm	5	52	8	175	-	-	8	175	19	370	2	13	21	383
11:00pm	1	14	7	129	-	-	7	129	11	64	2	9	13	73
TOTAL	114	2,037	280	7,272	12	193	292	7,465	372	7,892	53	278	425	8,170

60TH STREET SECTOR 2009- OUTOUND (CONT'D)

HOURS	CP West		BROADWAY				AMSTERDAM AVE.		WEST END AVE		TOTAL			
	NYCT LOCAL		NYCT LOCAL		MTA BUS CO. **		NYCT LOCAL		NYCT LOCAL		NYC TRANSIT		MTA BUS CO.	
	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS	BUS	PSGRS
12:00 am	5	37	12	94	1	4	13	98	-	-	4	3	49	355
1:00am	5	32	8	37	-	-	8	37	-	-	-	-	28	155
2:00am	2	5	2	3	-	-	2	3	-	-	-	-	12	26
3:00am	-	-	3	3	-	-	3	3	-	-	-	-	10	26
4:00am	-	-	2	5	-	-	2	5	1	8	-	-	10	33
5:00am	1	4	2	5	-	-	2	5	2	11	2	1	19	80
6:00am	5	19	8	29	-	-	8	29	4	41	2	5	45	467
7:00am	6	38	11	76	2	2	13	78	4	109	5	30	78	1,595
8:00am	8	53	17	107	2	2	19	109	6	105	6	46	115	1,847
9:00am	9	64	24	158	2	-	26	158	6	88	5	34	120	1,395
10:00am	10	72	26	138	2	-	28	138	7	101	5	33	133	1,505
11:00am	8	83	20	304	2	2	22	306	6	90	5	45	100	1,833
12:00pm	10	127	19	351	2	6	21	357	5	110	5	35	95	2,053
1:00pm	9	129	21	440	2	8	23	448	6	132	6	44	96	2,056
2:00pm	11	142	20	436	2	7	22	443	7	130	6	68	107	2,425
3:00pm	11	117	21	503	3	14	24	517	8	203	6	87	104	2,577
4:00pm	13	126	27	626	3	18	30	644	7	128	6	101	134	3,322
5:00pm	9	143	23	636	5	49	28	685	7	169	7	126	139	4,448
6:00pm	10	130	21	562	3	44	24	606	3	64	8	100	126	3,886
7:00pm	10	99	24	528	2	24	26	552	4	89	9	96	122	2,638
8:00pm	10	104	19	307	3	31	22	338	6	88	5	63	111	1,918
9:00pm	8	75	16	224	2	16	18	240	4	43	6	45	85	1,241
10:00pm	7	92	18	337	1	12	19	349	4	53	3	34	78	1,316
11:00pm	7	78	13	138	3	18	16	156	2	30	3	29	56	616
TOTAL	174	1,769	377	6,047	42	257	419	6,304	99	1,792	104	1,025	1,972	37,813

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

** MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A
BUS TRANSIT BY ROUTE
BROOKLYN SECTOR 2009-INBOUND

HOURS	WILLAMSBURG BR		MANHATTAN BR		BROOKLYN BATTERY TUNNEL(Express)						TOTAL					
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		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
12:00 am	1	3	-	-	-	-	-	-	-	-	1	3	-	-	1	3
1:00am	2	8	-	-	-	-	-	-	-	-	2	8	-	-	2	8
2:00am	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
3:00am	1	1	-	-	-	-	-	-	-	-	1	1	-	-	1	1
4:00am	1	2	-	-	4	114	-	-	4	114	5	116	-	-	5	116
5:00am	2	19	-	-	39	1,231	3	43	42	1,274	41	1,250	3	43	44	1,293
6:00am	2	22	1	24	99	3,455	11	326	110	3,781	102	3,501	11	326	113	3,827
7:00am	4	69	3	52	174	6,761	30	967	204	7,728	181	6,882	30	967	211	7,849
8:00am	2	34	3	66	154	6,012	27	879	181	6,891	159	6,112	27	879	186	6,991
9:00am	3	57	3	34	48	1,664	11	236	59	1,900	54	1,755	11	236	65	1,991
10:00am	4	58	2	15	15	583	7	85	22	668	21	656	7	85	28	741
11:00am	2	62	2	50	12	386	5	52	17	438	16	498	5	52	21	550
12:00pm	3	55	2	27	8	245	5	46	13	291	13	327	5	46	18	373
1:00pm	3	72	2	30	8	235	4	18	12	253	13	337	4	18	17	355
2:00pm	3	44	2	32	12	325	5	24	17	349	17	401	5	24	22	425
3:00pm	3	30	3	39	11	346	3	22	14	368	17	415	3	22	20	437
4:00pm	3	23	4	24	9	252	4	18	13	270	16	299	4	18	20	317
5:00pm	4	27	3	35	10	203	3	9	13	212	17	265	3	9	20	274
6:00pm	4	39	2	10	7	76	-	-	7	76	13	125	-	-	13	125
7:00pm	3	10	1	-	2	27	1	2	3	29	6	37	1	2	7	39
8:00pm	2	3	-	-	2	21	-	-	2	21	4	24	-	-	4	24
9:00pm	2	16	-	-	3	54	-	-	3	54	5	70	-	-	5	70
10:00pm	2	8	-	-	3	42	-	-	3	42	5	50	-	-	5	50
11:00pm	2	6	-	-	-	-	-	-	-	-	2	6	-	-	2	6
TOTAL	59	668	33	438	620	22,032	119	2,727	739	24,759	712	23,138	119	2,727	831	25,865

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

**BUS TRANSIT BY ROUTE
BROOKLYN SECTOR 2009 OUTBOUND**

HOURS	WILLAMSBURG BR		MANHATTAN BR		BROOKLYN BATTERY TUNNEL (EXPRESS)						TOTAL					
	NYCT LOCAL		NYCT LOCAL		NYCT EXPRESS		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
12:00 am	1	5	-	-	10	336	3	44	13	380	11	341	3	44	14	385
1:00am	2	3	-	-	4	124	-	-	4	124	6	127	-	-	6	127
2:00am	1	-	-	-	1	17	-	-	1	17	2	17	-	-	2	17
3:00am	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
4:00am	1	4	-	-	-	-	-	-	-	-	1	4	-	-	1	4
5:00am	2	6	-	-	-	-	-	-	-	-	2	6	-	-	2	6
6:00am	2	6	1	5	-	-	-	-	-	-	3	11	-	-	3	11
7:00am	3	23	3	13	1	28	-	-	1	28	7	64	-	-	7	64
8:00am	2	22	3	22	5	53	-	-	5	53	10	97	-	-	10	97
9:00am	2	13	2	18	5	57	1	-	6	57	9	88	1	-	10	88
10:00am	3	40	2	17	6	45	4	9	10	54	11	102	4	9	15	111
11:00am	3	54	2	15	4	46	5	8	9	54	9	115	5	8	14	123
12:00pm	2	36	2	33	8	157	3	13	11	170	12	226	3	13	15	239
1:00pm	3	86	1	18	12	330	4	26	16	356	16	434	4	26	20	460
2:00pm	3	63	2	50	20	583	3	27	23	610	25	696	3	27	28	723
3:00pm	4	82	1	47	41	1,475	11	123	52	1,598	46	1,604	11	123	57	1,727
4:00pm	3	113	4	66	91	3,212	17	273	108	3,485	98	3,391	17	273	115	3,664
5:00pm	4	101	4	111	135	5,294	25	530	160	5,824	143	5,506	25	530	168	6,036
6:00pm	4	180	2	58	103	3,809	20	398	123	4,207	109	4,047	20	398	129	4,445
7:00pm	3	48	2	30	52	1,893	9	202	61	2,095	57	1,971	9	202	66	2,173
8:00pm	3	30	-	-	27	1,189	7	153	34	1,342	30	1,219	7	153	37	1,372
9:00pm	2	14	-	-	18	850	7	122	25	972	20	864	7	122	27	986
10:00pm	2	12	-	-	12	447	3	37	15	484	14	459	3	37	17	496
11:00pm	2	15	-	-	12	400	3	34	15	434	14	415	3	34	17	449
TOTAL	58	956	31	503	567	20,345	125	1,999	692	22,344	656	21,804	125	1,999	781	23,803

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

BUS TRANSIT BY ROUTE QUEENS SECTOR 2009-INBOUND

HOURS	QUEENSBORO BRIDGE						QUEENS MIDTOWN TUNNEL						TOTAL					
	NYCT Local		MTA Bus Co (Local)		TOTAL		NYCT Express		MTA Bus Co (Express)		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	4	14	2	3	6	17	-	-	-	-	-	-	4	14	2	3	6	17
1:00am	3	4	3	3	6	7	-	-	-	-	-	-	3	4	3	3	6	7
2:00am	-	-	3	3	3	3	-	-	-	-	-	-	-	-	3	3	3	3
3:00am	-	-	3	6	3	6	-	-	-	-	-	-	-	-	3	6	3	6
4:00am	-	-	3	11	3	11	-	-	-	-	-	-	-	-	3	11	3	11
5:00am	-	-	6	78	6	78	-	-	2	44	2	44	-	-	8	122	8	122
6:00am	5	63	8	94	13	157	6	133	44	1,007	50	1,140	11	196	52	1,101	63	1,297
7:00am	5	90	10	204	15	294	22	715	113	3,312	135	4,027	27	805	123	3,516	150	4,321
8:00am	9	141	12	181	21	322	17	534	125	4,018	142	4,552	26	675	137	4,199	163	4,874
9:00am	6	70	15	128	21	198	3	64	43	846	46	910	9	134	58	974	67	1,108
10:00am	6	92	11	124	17	216	1	12	22	277	23	289	7	104	33	401	40	505
11:00am	5	86	12	75	17	161	-	-	13	115	13	115	5	86	25	190	30	276
12:00pm	7	85	10	51	17	136	-	-	14	118	14	118	7	85	24	169	31	254
1:00pm	5	66	9	64	14	130	-	-	10	52	10	52	5	66	19	116	24	182
2:00pm	7	75	12	123	19	198	-	-	11	65	11	65	7	75	23	188	30	263
3:00pm	6	81	14	76	20	157	-	-	10	35	10	35	6	81	24	111	30	192
4:00pm	5	75	10	67	15	142	-	-	10	35	10	35	5	75	20	102	25	177
5:00pm	5	75	12	47	17	122	-	-	10	47	10	47	5	75	22	94	27	169
6:00pm	8	48	11	54	19	102	-	-	6	14	6	14	8	48	17	68	25	116
7:00pm	6	25	9	17	15	42	-	-	5	7	5	7	6	25	14	24	20	49
8:00pm	8	27	8	15	16	42	-	-	6	4	6	4	8	27	14	19	22	46
9:00pm	5	10	7	22	12	32	-	-	5	6	5	6	5	10	12	28	17	38
10:00pm	6	20	4	5	10	25	-	-	5	4	5	4	6	20	9	9	15	29
11:00pm	6	19	5	6	11	25	-	-	4	2	4	2	6	19	9	8	15	27
TOTAL	117	1,166	199	1,457	316	2,623	49	1,458	458	10,008	507	11,466	166	2,624	657	11,465	823	14,089

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

QUEENS SECTOR 2009-OUTBOUND

HOURS	QUEENSBORO BRIDGE										Queens Midtown Tunnel		TOTAL					
	NYCT Local		NYCT Express		MTA Bus Co (Local)		MTA Bus Co (Express)		TOTAL		MTA Bus Co (Express)		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	5	125	-	-	4	86	4	38	13	249	-	-	5	125	8	124	13	249
1:00am	1	20	-	-	3	22	-	-	4	42	-	-	1	20	3	22	4	42
2:00am	-	-	-	-	3	12	-	-	3	12	-	-	-	-	3	12	3	12
3:00am	-	-	-	-	3	7	-	-	3	7	-	-	-	-	3	7	3	7
4:00am	1	-	-	-	3	6	-	-	4	6	-	-	1	-	3	6	4	6
5:00am	2	3	-	-	4	6	-	-	6	9	-	-	2	3	4	6	6	9
6:00am	3	11	-	-	8	18	-	-	11	29	-	-	3	11	8	18	11	29
7:00am	5	26	-	-	9	26	-	-	14	52	-	-	5	26	9	26	14	52
8:00am	6	34	-	-	13	38	4	14	23	86	-	-	6	34	17	52	23	86
9:00am	5	27	-	-	13	26	10	5	28	58	-	-	5	27	23	31	28	58
10:00am	6	55	-	-	10	32	10	6	26	93	-	-	6	55	20	38	26	93
11:00am	6	73	-	-	11	36	11	15	28	124	1	2	6	73	23	53	29	126
12:00pm	6	78	-	-	10	47	13	27	29	152	1	4	6	78	24	78	30	156
1:00pm	5	80	-	-	12	64	11	54	28	198	1	4	5	80	24	122	29	202
2:00pm	7	185	-	-	11	93	11	71	29	349	1	7	7	185	23	171	30	356
3:00pm	6	244	-	-	10	137	19	215	35	596	2	16	6	244	31	368	37	612
4:00pm	6	221	9	275	12	193	42	630	69	1,319	4	67	15	496	58	890	73	1,386
5:00pm	7	274	17	614	11	208	89	1,834	124	2,930	7	154	24	888	107	2,196	131	3,084
6:00pm	7	261	13	469	13	205	63	1,349	96	2,284	4	97	20	730	80	1,651	100	2,381
7:00pm	7	169	2	74	7	120	38	828	54	1,191	3	62	9	243	48	1,010	57	1,253
8:00pm	6	153	1	11	9	122	19	470	35	756	1	10	7	164	29	602	36	766
9:00pm	5	99	1	11	5	67	11	172	22	349	1	15	6	110	17	254	23	364
10:00pm	6	126	-	-	5	85	8	95	19	306	1	9	6	126	14	189	20	315
11:00pm	6	143	-	-	5	117	7	82	18	342	2	9	6	143	14	208	20	351
TOTAL	114	2,407	43	1,454	194	1,773	370	5,905	721	11,539	29	456	157	3,861	593	8,134	750	11,995

1. MTA Bus Company data was apportioned by route based on previous year's hourly load percentages, and were split evenly between inbound and outbound travel. Daily net ridership as provided by the operator is at the end of this section.

SECTION A

BUS TRANSIT BY ROUTE

NEW JERSEY SECTOR 2009-INBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	9	163	54	977	63	1,140
1:00am	3	62	28	577	31	639
2:00am	6	37	10	61	16	98
3:00am	4	20	11	56	15	76
4:00am	7	256	28	1,024	35	1,280
5:00am	13	476	145	5,309	158	5,785
6:00am	54	2,020	477	17,841	531	19,861
7:00am	63	2,425	815	31,371	878	33,796
8:00am	70	2,429	945	32,792	1,015	35,221
9:00am	38	1,100	527	15,255	565	16,355
10:00am	21	541	292	7,519	313	8,060
11:00am	23	508	217	4,793	240	5,301
12:00pm	25	489	217	4,242	242	4,731
1:00pm	31	515	214	3,555	245	4,070
2:00pm	47	763	284	4,613	331	5,376
3:00pm	59	922	389	6,077	448	6,999
4:00pm	89	1,357	544	8,297	633	9,654
5:00pm	87	1,374	385	6,081	472	7,455
6:00pm	65	1,050	416	6,720	481	7,770
7:00pm	30	467	288	4,482	318	4,949
8:00pm	12	173	204	2,946	216	3,119
9:00pm	16	246	149	2,295	165	2,541
10:00pm	27	588	135	2,941	162	3,529
11:00pm	11	265	103	2,478	114	2,743
TOTAL	810	18,246	6,877	172,302	7,687	190,548

NEW JERSEY SECTOR 2009-OUTBOUND

HOURS	HOLLAND TUNNEL		LINCOLN TUNNEL		TOTAL	
	BUSES	PSGRS	BUSES	PSGRS	BUSES	PSGRS
12:00 am	9	258	54	1,551	63	1,809
1:00am	3	63	28	590	31	653
2:00am	6	79	10	132	16	211
3:00am	4	75	11	207	15	282
4:00am	7	95	28	378	35	473
5:00am	13	208	145	2,320	158	2,528
6:00am	54	795	477	7,026	531	7,821
7:00am	63	834	815	10,792	878	11,626
8:00am	70	918	945	12,395	1,015	13,313
9:00am	38	544	527	7,545	565	8,089
10:00am	21	296	292	4,116	313	4,412
11:00am	23	361	217	3,402	240	3,763
12:00pm	25	457	217	3,965	242	4,422
1:00pm	31	704	214	4,861	245	5,565
2:00pm	47	1,439	284	8,696	331	10,135
3:00pm	59	1,939	389	12,787	448	14,726
4:00pm	89	3,339	544	20,412	633	23,751
5:00pm	87	3,264	385	14,442	472	17,706
6:00pm	65	2,472	416	15,819	481	18,291
7:00pm	30	1,009	288	9,690	318	10,699
8:00pm	12	364	204	6,189	216	6,553
9:00pm	16	453	149	4,220	165	4,673
10:00pm	27	651	135	3,255	162	3,906
11:00pm	11	262	103	2,458	114	2,720
TOTAL	810	20,879	6,877	157,248	7,687	178,127

1. New Jersey bus occupancy counts were determined based on Port Authority of NY & NJ bus traffic counts and on the occupancy rates by hour used in the 2006 Hub Bound Report.

SECTION A
EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR
INBOUND EXPRESS ONLY
2009

HOURS	60TH ST SECTOR						BROOKLYN SECTOR				QUEENS SECTOR				N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WDOT		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	-	-	2	3	-	-	-	-	-	-	-	-	-	-	63	1,140	65	1,143
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	639	31	639
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	98	16	98
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	76	15	76
4:00am	-	-	-	-	-	-	4	114	-	-	-	-	-	-	35	1,280	39	1,394
5:00am	-	-	11	282	3	67	39	1,231	3	43	-	-	2	44	158	5,785	216	7,452
6:00am	2	29	42	1,227	17	239	99	3,455	11	326	6	133	44	1,007	531	19,861	752	26,277
7:00am	5	90	81	2,396	2	-	174	6,761	30	967	22	715	113	3,312	878	33,796	1,305	48,037
8:00am	6	120	55	1,416	3	37	154	6,012	27	879	17	534	125	4,018	1,015	35,221	1,402	48,237
9:00am	2	15	29	477	4	56	48	1,664	11	236	3	64	43	846	565	16,355	705	19,713
10:00am	-	-	22	413	3	42	15	583	7	85	1	12	22	277	313	8,060	383	9,472
11:00am	-	-	19	235	1	12	12	386	5	52	-	-	13	115	240	5,301	290	6,101
12:00pm	-	-	17	156	4	71	8	245	5	46	-	-	14	118	242	4,731	290	5,367
1:00pm	-	-	19	198	1	9	8	235	4	18	-	-	10	52	245	4,070	287	4,582
2:00pm	-	-	17	186	2	14	12	325	5	24	-	-	11	65	331	5,376	378	5,990
3:00pm	-	-	18	152	6	29	11	346	3	22	-	-	10	35	448	6,999	496	7,583
4:00pm	-	-	21	201	2	13	9	252	4	18	-	-	10	35	633	9,654	679	10,173
5:00pm	-	-	18	137	-	-	10	203	3	9	-	-	10	47	472	7,455	513	7,851
6:00pm	-	-	15	86	2	8	7	76	-	-	-	-	6	14	481	7,770	511	7,954
7:00pm	-	-	16	53	1	7	2	27	1	2	-	-	5	7	318	4,949	343	5,045
8:00pm	-	-	12	27	-	-	2	21	-	-	-	-	6	4	216	3,119	236	3,171
9:00pm	-	-	12	64	1	5	3	54	-	-	-	-	5	6	165	2,541	186	2,670
10:00pm	-	-	13	51	-	-	3	42	-	-	-	-	5	4	162	3,529	183	3,626
11:00pm	-	-	10	28	1	3	-	-	-	-	-	-	4	2	114	2,743	129	2,776
TOTAL	15	254	449	7,788	53	612	620	22,032	119	2,727	49	1,458	458	10,008	7,687	190,548	9,450	235,427

**EXPRESS BUS RIDERSHIP BY SECTOR AND OPERATOR
OUTBOUND EXPRESS ONLY
2009**

HOURS	60TH ST SECTOR						BROOKLYN SECTOR				QUEENS SECTOR				N. J. SECTOR		TOTAL ALL SECTORS	
	NYC TRANSIT		MTA BUS CO.		WDOT		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	-	-	10	159	-	-	10	336	3	44	-	-	4	38	63	1,809	90	2,386
1:00am	-	-	4	15	-	-	4	124	-	-	-	-	-	-	31	653	39	792
2:00am	-	-	-	-	-	-	1	17	-	-	-	-	-	-	16	211	17	228
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	282	15	282
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	473	35	473
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	2,528	158	2,528
6:00am	-	-	2	20	-	-	-	-	-	-	-	-	-	-	531	7,821	533	7,841
7:00am	-	-	12	49	2	12	1	28	-	-	-	-	-	-	878	11,626	893	11,715
8:00am	-	-	22	58	5	27	5	53	-	-	-	-	4	14	1,015	13,313	1,051	13,465
9:00am	-	-	19	31	2	9	5	57	1	-	-	-	10	5	565	8,089	602	8,191
10:00am	-	-	18	39	-	-	6	45	4	9	-	-	10	6	313	4,412	351	4,511
11:00am	-	-	20	55	2	21	4	46	5	8	-	-	12	17	240	3,763	283	3,910
12:00pm	-	-	20	78	1	15	8	157	3	13	-	-	14	31	242	4,422	288	4,716
1:00pm	-	-	18	111	1	17	12	330	4	26	-	-	12	58	245	5,565	292	6,107
2:00pm	-	-	21	179	4	32	20	583	3	27	-	-	12	78	331	10,135	391	11,034
3:00pm	-	-	28	313	4	56	41	1,475	11	123	-	-	21	231	448	14,726	553	16,924
4:00pm	-	-	44	718	4	42	91	3,212	17	273	9	275	46	697	633	23,751	844	28,968
5:00pm	3	43	71	1,545	12	176	135	5,294	25	530	17	614	96	1,988	472	17,706	831	27,896
6:00pm	5	87	56	1,187	6	120	103	3,809	20	398	13	469	67	1,446	481	18,291	751	25,807
7:00pm	3	52	32	546	-	-	52	1,893	9	202	2	74	41	890	318	10,699	457	14,356
8:00pm	1	11	25	396	2	48	27	1,189	7	153	1	11	20	480	216	6,553	299	8,841
9:00pm	-	-	18	223	1	22	18	850	7	122	1	11	12	187	165	4,673	222	6,088
10:00pm	-	-	15	216	1	28	12	447	3	37	-	-	9	104	162	3,906	202	4,738
11:00pm	-	-	16	161	-	-	12	400	3	34	-	-	9	91	114	2,720	154	3,406
TOTAL	12	193	471	6,099	47	625	567	20,345	125	1,999	43	1,454	399	6,361	7,687	178,127	9,351	215,203

SECTION A
MTA BUS CO. EXPRESS BUS RIDERSHIP
BY ROUTE - ORIGINAL DATA
2009

Route	Daily	12am-6am	6am-9am	9am-4pm	4pm-7pm	7pm-12am
BM1	1,563	32	704	222	389	216
BM2	1,144	25	488	152	297	182
BM3	1,224	30	530	233	298	133
BM4	795	0	450	82	244	19
BM5	497	12	195	67	148	75
BxM1	1,209	27	515	366	199	102
BxM10	1,687	42	638	271	531	205
BxM11	1,114	44	432	159	280	199
BxM18	277	0	173	0	85	19
BxM2	675	4	200	206	152	113
BxM3	721	40	277	153	171	80
BXM4	452	0	147	113	129	63
BxM6	610	7	213	75	205	110
BXM7	2,957	169	873	571	873	471
BxM7A	1,748	13	611	281	656	187
BxM7B	61	0	37	0	24	0
BxM9	2,376	113	1,050	428	569	216
QM1/QM1A	5,406	26	2,758	730	1,415	477
QM10	636	0	378	98	140	20
QM11	556	0	319	58	149	30
QM12	654	0	400	82	151	21
QM15	1,115	32	552	152	276	103
QM16	352	0	191	0	135	26
QM17	376	0	248	0	128	0
QM18	258	0	162	14	61	21
QM2	2,017	8	847	297	631	234
QM21	690	0	381	44	175	90
QM22	97	0	63	0	34	0
QM23	49	0	28	0	21	0
QM24	1,534	0	909	53	119	453
QM2A	1,025	0	365	129	396	135
QM3	130	0	78	0	52	0
QM4	977	4	477	210	196	90
Total	34,982	628	15,689	5,246	9,329	4,090

SECTION B

SUBWAY BY SECTOR SUMMARY, 2009-INBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	27	254	3,026	39	355	1,773	20	200	1,018	4	28	251	90	837	6,068
1:00am	20	188	1,113	27	244	726	12	119	534	4	28	122	63	579	2,495
2:00am	18	168	754	25	224	536	12	121	374	4	28	80	59	541	1,744
3:00am	21	200	1,071	30	268	998	12	123	687	4	28	119	67	619	2,875
4:00am	23	222	3,222	28	254	3,141	12	121	2,639	4	28	320	67	625	9,322
5:00am	36	340	13,025	36	318	13,421	19	238	10,034	7	49	1,638	98	945	38,118
6:00am	69	646	31,209	86	754	38,315	53	540	26,994	25	175	6,394	233	2,115	102,912
7:00am	95	896	75,473	133	1,166	91,048	74	744	58,655	42	294	16,350	344	3,100	241,526
8:00am	117	1,110	111,920	158	1,372	137,916	87	827	82,821	48	336	25,621	410	3,645	358,278
9:00am	98	920	63,773	127	1,120	81,167	63	604	47,882	33	231	11,116	321	2,875	203,938
10:00am	85	796	37,041	104	918	42,241	53	536	27,974	21	147	4,226	263	2,397	111,482
11:00am	78	728	32,160	105	928	31,704	52	496	19,397	21	147	3,233	256	2,299	86,494
12:00pm	83	780	32,290	106	944	28,274	50	482	16,228	21	147	2,822	260	2,353	79,614
1:00pm	80	746	32,182	102	900	27,802	52	504	16,020	21	147	2,755	255	2,297	78,759
2:00pm	84	786	36,717	106	936	28,625	51	500	17,242	22	154	2,710	263	2,376	85,294
3:00pm	87	820	48,254	110	978	30,888	55	553	19,748	24	168	3,416	276	2,519	102,306
4:00pm	109	1,016	52,053	135	1,184	32,155	72	685	20,418	36	252	5,799	352	3,137	110,425
5:00pm	105	978	55,732	135	1,190	33,751	81	801	21,174	45	315	9,648	366	3,284	120,305
6:00pm	80	746	41,986	120	1,054	23,586	71	691	14,536	36	252	6,369	307	2,743	86,477
7:00pm	76	712	28,858	114	1,016	16,021	66	622	8,985	23	161	3,273	279	2,511	57,137
8:00pm	72	670	21,002	106	936	11,179	58	565	6,416	23	161	1,906	259	2,332	40,503
9:00pm	68	632	15,416	83	724	8,451	51	505	4,943	19	133	1,351	221	1,994	30,161
10:00pm	50	468	10,716	70	614	6,852	42	354	3,881	16	112	942	178	1,548	22,391
11:00pm	35	332	7,936	48	454	4,238	25	248	2,262	10	70	569	118	1,104	15,005
TOTAL	1,616	15,154	756,929	2,133	18,851	694,808	1,143	11,179	430,862	513	3,591	111,030	5,405	48,775	1,993,629

SECTION B

SUBWAY BY SECTOR
SUMMARY, 2009-OUTBOUND

HOURS	60TH STREET SECTOR			BROOKLYN SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	32	304	10,397	35	302	10,709	22	226	7,891	4	28	1,099	93	860	30,096
1:00am	26	244	4,638	28	250	3,857	13	134	2,794	4	28	504	71	656	11,793
2:00am	20	188	2,367	27	242	1,814	12	121	1,159	4	28	268	63	579	5,608
3:00am	19	180	1,219	25	224	988	12	119	779	4	28	157	60	551	3,143
4:00am	26	248	1,823	28	244	1,129	12	119	1,009	4	28	199	70	639	4,160
5:00am	24	228	5,455	34	326	2,810	14	144	2,557	5	35	428	77	733	11,250
6:00am	42	392	19,238	81	754	9,557	34	339	7,266	21	147	1,609	178	1,632	37,670
7:00am	73	670	43,481	121	1,086	19,883	60	610	13,328	38	266	4,355	292	2,632	81,047
8:00am	111	1,028	48,478	140	1,250	23,699	80	789	15,362	46	322	7,134	377	3,389	94,673
9:00am	111	1,040	33,589	136	1,190	18,030	74	725	10,303	33	231	3,365	354	3,186	65,287
10:00am	88	828	25,874	114	984	14,115	51	489	8,430	22	154	1,598	275	2,455	50,017
11:00am	89	836	25,108	103	902	16,029	50	486	9,517	21	147	1,657	263	2,371	52,311
12:00pm	83	780	28,926	102	898	20,377	50	489	12,503	21	147	2,014	256	2,314	63,820
1:00pm	82	768	31,288	105	934	23,450	50	484	14,055	21	147	2,214	258	2,333	71,007
2:00pm	77	720	38,178	108	952	31,710	50	483	20,038	21	147	2,934	256	2,302	92,860
3:00pm	83	786	48,044	105	942	45,133	57	554	31,122	24	168	4,825	269	2,450	129,124
4:00pm	86	806	58,342	126	1,118	63,782	65	636	44,125	35	245	10,058	312	2,805	176,307
5:00pm	101	950	84,646	157	1,366	100,489	78	767	67,513	47	329	20,181	383	3,412	272,829
6:00pm	96	908	72,277	130	1,136	88,972	75	735	56,077	41	287	16,551	342	3,066	233,877
7:00pm	86	814	48,765	106	932	60,049	70	672	37,252	24	168	9,189	286	2,586	155,255
8:00pm	81	758	34,916	102	884	44,283	61	601	27,801	23	161	6,169	267	2,404	113,169
9:00pm	70	660	27,888	90	766	33,662	56	541	21,200	22	154	4,711	238	2,121	87,461
10:00pm	63	590	22,186	77	662	24,589	45	441	16,871	16	112	2,980	201	1,805	66,626
11:00pm	40	378	15,921	52	438	17,394	36	356	13,576	12	84	2,074	140	1,256	48,965
TOTAL	1,609	15,104	733,044	2,132	18,782	676,510	1,127	11,060	442,528	513	3,591	106,273	5,381	48,537	1,958,355

SECTION B

SUBWAY BY SECTOR MTA NYC TRANSIT SUMMARY, 2009-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	27	254	3,026	39	355	1,773	20	200	1,018	86	809	5,817
1:00am	20	188	1,113	27	244	726	12	119	534	59	551	2,373
2:00am	18	168	754	25	224	536	12	121	374	55	513	1,664
3:00am	21	200	1,071	30	268	998	12	123	687	63	591	2,756
4:00am	23	222	3,222	28	254	3,141	12	121	2,639	63	597	9,002
5:00am	36	340	13,025	36	318	13,421	19	238	10,034	91	896	36,480
6:00am	69	646	31,209	86	754	38,315	53	540	26,994	208	1,940	96,518
7:00am	95	896	75,473	133	1,166	91,048	74	744	58,655	302	2,806	225,176
8:00am	117	1,110	111,920	158	1,372	137,916	87	827	82,821	362	3,309	332,657
9:00am	98	920	63,773	127	1,120	81,167	63	604	47,882	288	2,644	192,822
10:00am	85	796	37,041	104	918	42,241	53	536	27,974	242	2,250	107,256
11:00am	78	728	32,160	105	928	31,704	52	496	19,397	235	2,152	83,261
12:00pm	83	780	32,290	106	944	28,274	50	482	16,228	239	2,206	76,792
1:00pm	80	746	32,182	102	900	27,802	52	504	16,020	234	2,150	76,004
2:00pm	84	786	36,717	106	936	28,625	51	500	17,242	241	2,222	82,584
3:00pm	87	820	48,254	110	978	30,888	55	553	19,748	252	2,351	98,890
4:00pm	109	1,016	52,053	135	1,184	32,155	72	685	20,418	316	2,885	104,626
5:00pm	105	978	55,732	135	1,190	33,751	81	801	21,174	321	2,969	110,657
6:00pm	80	746	41,986	120	1,054	23,586	71	691	14,536	271	2,491	80,108
7:00pm	76	712	28,858	114	1,016	16,021	66	622	8,985	256	2,350	53,864
8:00pm	72	670	21,002	106	936	11,179	58	565	6,416	236	2,171	38,597
9:00pm	68	632	15,416	83	724	8,451	51	505	4,943	202	1,861	28,810
10:00pm	50	468	10,716	70	614	6,852	42	354	3,881	162	1,436	21,449
11:00pm	35	332	7,936	48	454	4,238	25	248	2,262	108	1,034	14,436
TOTAL	1,616	15,154	756,929	2,133	18,851	694,808	1,143	11,179	430,862	4,892	45,184	1,882,599

SECTION B

SUBWAY BY SECTOR
MTA NYC TRANSIT SUMMARY, 2009-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	32	304	10,397	35	302	10,709	22	226	7,891	89	832	28,997
1:00am	26	244	4,638	28	250	3,857	13	134	2,794	67	628	11,289
2:00am	20	188	2,367	27	242	1,814	12	121	1,159	59	551	5,340
3:00am	19	180	1,219	25	224	988	12	119	779	56	523	2,986
4:00am	26	248	1,823	28	244	1,129	12	119	1,009	66	611	3,961
5:00am	24	228	5,455	34	326	2,810	14	144	2,557	72	698	10,822
6:00am	42	392	19,238	81	754	9,557	34	339	7,266	157	1,485	36,061
7:00am	73	670	43,481	121	1,086	19,883	60	610	13,328	254	2,366	76,692
8:00am	111	1,028	48,478	140	1,250	23,699	80	789	15,362	331	3,067	87,539
9:00am	111	1,040	33,589	136	1,190	18,030	74	725	10,303	321	2,955	61,922
10:00am	88	828	25,874	114	984	14,115	51	489	8,430	253	2,301	48,419
11:00am	89	836	25,108	103	902	16,029	50	486	9,517	242	2,224	50,654
12:00pm	83	780	28,926	102	898	20,377	50	489	12,503	235	2,167	61,806
1:00pm	82	768	31,288	105	934	23,450	50	484	14,055	237	2,186	68,793
2:00pm	77	720	38,178	108	952	31,710	50	483	20,038	235	2,155	89,926
3:00pm	83	786	48,044	105	942	45,133	57	554	31,122	245	2,282	124,299
4:00pm	86	806	58,342	126	1,118	63,782	65	636	44,125	277	2,560	166,249
5:00pm	101	950	84,646	157	1,366	100,489	78	767	67,513	336	3,083	252,648
6:00pm	96	908	72,277	130	1,136	88,972	75	735	56,077	301	2,779	217,326
7:00pm	86	814	48,765	106	932	60,049	70	672	37,252	262	2,418	146,066
8:00pm	81	758	34,916	102	884	44,283	61	601	27,801	244	2,243	107,000
9:00pm	70	660	27,888	90	766	33,662	56	541	21,200	216	1,967	82,750
10:00pm	63	590	22,186	77	662	24,589	45	441	16,871	185	1,693	63,646
11:00pm	40	378	15,921	52	438	17,394	36	356	13,576	128	1,172	46,891
TOTAL	1,609	15,104	733,044	2,132	18,782	676,510	1,127	11,060	442,528	4,868	44,946	1,852,082

SECTION B

SUBWAY BY LOCATION 60TH STREET SECTOR, 2009-INBOUND

HOURS	LEXINGTON AVE EXPRESS 86 ST. - LEXINGTON AVE VIA 4, 5 LINES (Express)			LEXINGTON AVE LOCAL 68TH ST./LEXINGTON AVE VIA 4*, 6 LINES (Local)			8TH AVENUE EXPRESS 125 ST./NICHOLAS ST VIA A, D LINES (Express)			8TH AVENUE LOCAL 72 ST./CENT. PK WEST VIA A*, B, C LINES (Local)			B'WAY/7TH AVE EXPRESS 72 ND ST./BROADWAY VIA 2, 3, LINES (Express)			B'WAY/7TH AVE LOCAL 66TH ST./BROADWAY VIA 1, 2 LINES (Local)			TOTAL 60TH STREET SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	20	351	6	60	818	4	32	156	4	32	415	5	50	457	6	60	829	27	254	3,026
1:00am	-	-	-	6	60	406	3	24	103	3	24	131	2	20	69	6	60	404	20	188	1,113
2:00am	-	-	-	5	50	335	3	24	87	3	24	107	3	30	27	4	40	198	18	168	754
3:00am	-	-	-	6	60	505	2	16	172	3	24	103	3	30	42	7	70	249	21	200	1,071
4:00am	-	-	-	9	90	1,556	1	8	311	3	24	521	3	30	120	7	70	714	23	222	3,222
5:00am	7	70	4,157	5	50	2,202	6	48	2,900	4	32	714	7	70	1,283	7	70	1,769	36	340	13,025
6:00am	17	170	10,519	9	90	4,343	13	104	6,855	9	72	1,563	14	140	5,240	7	70	2,689	69	646	31,209
7:00am	22	220	21,348	15	150	11,771	15	120	16,565	12	96	4,704	18	180	13,519	13	130	7,566	95	896	75,473
8:00am	24	240	25,893	23	230	21,528	19	152	20,864	11	88	9,395	19	190	21,403	21	210	12,837	117	1,110	111,920
9:00am	20	200	13,010	15	150	12,996	16	128	10,303	14	112	6,404	20	200	12,738	13	130	8,322	98	920	63,773
10:00am	16	160	8,015	15	150	7,305	14	112	6,357	13	104	3,048	15	150	6,829	12	120	5,487	85	796	37,041
11:00am	13	130	6,562	13	130	7,257	14	112	5,630	12	96	2,285	14	140	5,578	12	120	4,848	78	728	32,160
12:00pm	16	160	6,644	15	150	7,021	14	112	5,652	11	88	2,362	14	140	5,624	13	130	4,987	83	780	32,290
1:00pm	13	130	6,900	15	150	7,093	14	112	5,548	13	104	2,204	16	160	5,147	9	90	5,290	80	746	32,182
2:00pm	16	160	7,372	15	150	8,548	14	112	5,791	13	104	2,946	15	150	6,291	11	110	5,769	84	786	36,717
3:00pm	20	200	10,683	15	150	11,178	13	104	7,442	12	96	3,796	15	150	7,487	12	120	7,668	87	820	48,254
4:00pm	22	220	10,386	20	200	13,031	23	184	7,698	14	112	4,247	16	160	9,442	14	140	7,249	109	1,016	52,053
5:00pm	20	200	10,960	20	200	13,707	22	176	7,873	14	112	4,951	17	170	11,071	12	120	7,170	105	978	55,732
6:00pm	14	140	7,203	11	110	10,797	15	120	5,704	12	96	3,508	14	140	8,273	14	140	6,501	80	746	41,986
7:00pm	16	160	4,685	12	120	7,406	14	112	3,619	10	80	2,483	12	120	5,402	12	120	5,263	76	712	28,858
8:00pm	10	100	4,031	12	120	5,412	14	112	2,285	11	88	1,732	13	130	4,405	12	120	3,137	72	670	21,002
9:00pm	14	140	2,781	9	90	3,633	13	104	1,770	11	88	1,229	10	100	2,982	11	110	3,021	68	632	15,416
10:00pm	9	90	2,008	8	80	2,525	8	64	927	8	64	1,106	9	90	2,215	8	80	1,935	50	468	10,716
11:00pm	5	50	1,500	6	60	1,542	4	32	422	5	40	898	9	90	1,221	6	60	2,353	35	332	7,936
TOTAL	296	2,960	165,008	285	2,850	162,915	278	2,224	125,034	225	1,800	60,852	283	2,830	136,865	249	2,490	106,255	1,616	15,154	756,929

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

SECTION B

SUBWAY BY LOCATION

60TH STREET SECTOR, 2009-OUTBOUND

HOURS	LEXINGTON AVE EXPRESS 59TH ST./LEXINGTON AVE VIA 4,5 (EXPRESS)			LEXINGTON AVE LOCAL 59TH ST./LEXINGTON AVE VIA 4*, 6 (Local)			8TH AVE EXPRESS 59TH ST./COLUMBUS CIRCLE VIA A, D (Express)			8TH AVENUE LOCAL 59TH ST./COLUMBUS CIRCLE VIA A*,B, C LINES (Local)			B'WAY (TIMES SQ. EXPRESS) 59TH ST./COLUMBUS CIRCLE VIA 2, 3,LINES (EXPRESS)			B'WAY LOCAL 59TH ST./COLUMBUS CIRCLE VIA 2*, 1 LINES - Local			TOTAL 60TH STREET SECTOR		
	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	3,128	7	70	1,690	4	32	1,328	4	32	1,323	9	90	1,284	5	50	1,644	32	304	10,397
1:00am	-	-	-	8	80	2,340	4	32	794	4	32	350	3	30	49	7	70	1,105	26	244	4,638
2:00am	-	-	-	6	60	1,299	3	24	338	3	24	189	3	30	29	5	50	512	20	188	2,367
3:00am	-	-	-	6	60	581	2	16	132	3	24	156	3	30	48	5	50	302	19	180	1,219
4:00am	-	-	-	9	90	929	3	24	161	3	24	213	3	30	152	8	80	368	26	248	1,823
5:00am	5	50	1,543	4	40	1,302	5	40	1,001	1	8	96	3	30	247	6	60	1,266	24	228	5,455
6:00am	8	80	4,459	7	70	5,119	10	80	3,097	4	32	688	7	70	3,188	6	60	2,687	42	392	19,238
7:00am	11	110	11,280	12	120	9,973	16	128	5,149	14	112	3,318	11	110	8,036	9	90	5,725	73	670	43,481
8:00am	21	210	9,208	17	170	13,814	25	200	5,669	16	128	3,746	18	180	8,653	14	140	7,388	111	1,028	48,478
9:00am	23	230	5,585	19	190	10,793	21	168	3,762	14	112	2,655	16	160	5,930	18	180	4,864	111	1,040	33,589
10:00am	19	190	4,502	16	160	7,652	14	112	3,196	12	96	2,043	13	130	4,848	14	140	3,633	88	828	25,874
11:00am	17	170	4,195	15	150	7,106	14	112	3,231	13	104	2,194	18	180	4,510	12	120	3,872	89	836	25,108
12:00pm	16	160	5,481	14	140	7,141	13	104	4,638	12	96	2,045	16	160	5,091	12	120	4,530	83	780	28,926
1:00pm	16	160	5,604	15	150	7,963	14	112	4,695	12	96	2,620	14	140	5,683	11	110	4,723	82	768	31,288
2:00pm	15	150	7,944	14	140	8,872	13	104	6,810	12	96	2,242	14	140	6,588	9	90	5,722	77	720	38,178
3:00pm	16	160	11,401	15	150	9,895	14	118	7,835	11	88	4,007	15	150	7,261	12	120	7,645	83	786	48,044
4:00pm	15	150	13,410	13	130	12,992	15	122	10,173	13	104	4,106	17	170	9,407	13	130	8,254	86	806	58,342
5:00pm	20	200	17,648	18	180	19,583	18	144	14,383	12	96	6,599	18	180	14,119	15	150	12,314	101	950	84,646
6:00pm	19	190	14,257	20	200	16,378	14	112	11,930	12	96	5,780	19	190	13,754	12	120	10,178	96	908	72,277
7:00pm	23	230	9,923	13	130	9,937	12	96	8,274	11	88	3,973	16	160	9,621	11	110	7,037	86	814	48,765
8:00pm	17	170	6,958	12	120	6,913	15	120	6,791	11	88	2,556	14	140	6,404	12	120	5,294	81	758	34,916
9:00pm	12	120	5,026	11	110	5,012	11	92	5,805	11	88	2,067	12	120	5,607	13	130	4,371	70	660	27,888
10:00pm	14	140	4,490	8	80	3,632	8	64	2,884	12	96	3,210	10	100	4,262	11	110	3,708	63	590	22,186
11:00pm	6	60	4,408	7	70	2,325	5	40	2,670	6	48	1,566	9	90	2,449	7	70	2,503	40	378	15,921
TOTAL	296	2,960	150,450	286	2,860	173,241	273	2,196	114,746	226	1,808	57,742	281	2,810	127,220	247	2,470	109,645	1,609	15,104	733,044

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

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2009-INBOUND

HOURS	14TH STREET TUNNEL				WILLIAMSBURG BRIDGE				RUTGERS ST. TUNNEL				MANHATTAN BRIDGE				MANHATTAN BRIDGE			
	BEDFORD AVENUE				MARCY AVENUE				YORK AVENUE				VIA DEKALB AVENUE				VIA PACIFIC STREET			
	L LINE (LOCAL)				J, Z, M LINES (LOCAL)				F LINE (LOCAL)				B,D,N,Q LINES (LOCAL)				D, N LINES (EXPRESS)			
	TRAINS	CARS	PSGRS		TRAINS	CARS	PSGRS		TRAINS	CARS	PSGRS		TRAINS	CARS	PSGRS		TRAINS	CARS	PSGRS	
12:00am	4	32	347		3	24	166		5	48	153		8	70	297		0	0	0	
1:00am	3	24	127		3	24	55		3	30	77		6	52	111		0	0	0	
2:00am	3	24	74		3	24	33		3	26	56		6	54	112		0	0	0	
3:00am	3	24	110		3	24	111		3	26	76		6	52	207		0	0	0	
4:00am	3	24	314		3	24	326		3	28	213		6	54	732		0	0	0	
5:00am	5	40	1,932		5	40	1,342		4	40	846		8	68	3,262		0	0	0	
6:00am	10	80	5,178		10	80	3,755		6	52	2,409		13	112	5,415		10	92	5,093	
7:00am	14	112	11,528		14	112	8,874		10	90	6,696		16	138	10,506		16	142	14,534	
8:00am	17	136	16,635		17	136	11,133		12	106	11,997		16	134	16,495		19	172	21,080	
9:00am	13	104	10,981		11	88	5,957		11	98	7,449		15	130	10,442		14	126	11,901	
10:00am	10	80	5,723		12	96	3,608		8	68	3,573		12	104	5,193		12	108	6,201	
11:00am	10	80	4,252		12	96	2,808		7	62	2,650		12	102	3,961		12	108	4,847	
12:00pm	10	80	3,641		12	96	2,304		8	76	2,454		12	102	4,171		11	100	3,549	
1:00pm	10	80	3,639		12	96	2,315		8	70	2,379		12	104	3,916		12	108	3,393	
2:00pm	10	80	3,813		12	96	2,332		10	86	2,480		12	104	4,204		12	108	3,155	
3:00pm	10	80	3,992		13	104	2,477		9	84	2,694		12	102	4,199		12	108	3,900	
4:00pm	11	88	3,878		16	128	2,498		15	134	2,854		16	136	4,173		14	124	3,917	
5:00pm	15	120	3,882		13	104	2,230		13	108	3,321		13	114	3,557		13	116	4,155	
6:00pm	13	104	3,071		12	96	1,499		12	108	2,516		12	100	3,025		11	100	2,868	
7:00pm	13	104	2,172		10	80	1,151		11	104	1,693		12	102	1,896		12	110	1,894	
8:00pm	12	96	1,515		10	80	833		10	88	1,141		11	96	1,357		12	108	1,346	
9:00pm	10	80	1,143		10	80	580		7	60	770		13	110	931		9	82	1,109	
10:00pm	7	56	1,085		10	80	517		6	56	597		15	136	1,366		2	16	128	
11:00pm	5	40	673		4	32	339		4	58	400		9	76	851		0	0	0	
TOTAL	221	1,768	89,705		230	1,840	57,243		188	1,706	59,494		273	2,352	90,379		203	1,828	93,070	

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2009-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 M, N, R, W 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	32	306	6	60	176	4	39	74	5	50	254	39	355	1,773
1:00am	3	24	142	3	30	60	3	30	49	3	30	105	27	244	726
2:00am	2	16	103	2	20	52	3	30	45	3	30	61	25	224	536
3:00am	4	32	185	4	40	114	3	30	47	4	40	148	30	268	998
4:00am	3	24	521	3	30	293	3	30	201	4	40	541	28	254	3,141
5:00am	4	32	2,109	3	30	1,107	3	28	816	4	40	2,007	36	318	13,421
6:00am	11	88	6,330	9	90	3,429	6	50	1,162	11	110	5,544	86	754	38,315
7:00am	16	128	14,171	14	140	8,592	16	134	3,726	17	170	12,421	133	1,166	91,048
8:00am	26	208	20,427	17	170	13,368	15	120	7,921	19	190	18,860	158	1,372	137,916
9:00am	16	128	11,865	15	150	8,266	12	96	3,503	20	200	10,803	127	1,120	81,167
10:00am	14	112	6,096	15	150	3,954	6	50	1,945	15	150	5,948	104	918	42,241
11:00am	14	112	4,881	16	160	3,080	6	48	975	16	160	4,250	105	928	31,704
12:00pm	14	112	4,338	17	170	2,787	6	48	947	16	160	4,083	106	944	28,274
1:00pm	13	104	4,338	14	140	2,940	6	48	831	15	150	4,051	102	900	27,802
2:00pm	14	114	4,489	14	140	2,922	6	48	1,035	16	160	4,195	106	936	28,625
3:00pm	13	108	4,953	16	160	2,973	9	72	1,138	16	160	4,562	110	978	30,888
4:00pm	17	138	5,266	18	180	3,154	12	96	1,286	16	160	5,129	135	1,184	32,155
5:00pm	14	112	5,810	20	200	3,559	13	106	1,807	21	210	5,430	135	1,190	33,751
6:00pm	14	112	3,932	16	160	2,399	13	104	739	17	170	3,537	120	1,054	23,586
7:00pm	11	88	2,674	16	160	1,596	11	88	454	18	180	2,491	114	1,016	16,021
8:00pm	16	128	1,967	13	130	1,042	6	50	209	16	160	1,769	106	936	11,179
9:00pm	11	92	1,522	10	100	903	5	40	144	8	80	1,349	83	724	8,451
10:00pm	10	80	1,288	10	100	734	5	40	142	5	50	995	70	614	6,852
11:00pm	5	40	661	9	90	406	6	58	215	6	60	693	48	454	4,238
TOTAL	269	2,164	108,374	280	2,800	67,906	178	1,483	29,411	291	2,910	99,226	2,133	18,851	694,808

SECTION B

SUBWAY BY LOCATION BROOKLYN SECTOR, 2009-OUTBOUND

HOURS	14TH STREET TUNNEL			WILLIAMSBURG BRIDGE			RUTGERS ST. TUNNEL			MANHATTAN BRIDGE			MONTAGUE ST. TUNNEL		
	VIA FIRST AVENUE			VIA ESSEX STREET			VIA EAST BROADWAY			VIA GRAND ST(B ,D) LOCAL			VIA BROAD STREET (M) LOCAL		
	L LINE (LOCAL)			J, Z, M LINES (LOCAL)			F LINE (LOCAL)			VIA CANAL ST(N,Q) LOCAL			VIA WHITEHALL ST (N*,R,W**)LOCAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	40	2,095	4	32	1,035	5	42	924	3	24	1,831	4	40	517
1:00am	2	16	945	3	24	350	3	26	318	3	26	432	3	30	235
2:00am	3	24	455	3	24	170	3	30	165	3	26	226	3	30	134
3:00am	3	24	197	3	24	105	3	30	87	3	26	109	3	30	49
4:00am	4	32	209	3	24	84	3	24	81	3	24	92	3	30	65
5:00am	3	24	455	3	24	188	3	44	210	4	36	159	3	30	93
6:00am	10	80	1,485	7	56	529	6	92	776	8	66	1,008	6	48	426
7:00am	12	96	2,322	11	88	1,223	10	106	1,772	11	96	2,480	15	120	982
8:00am	11	88	2,019	14	112	1,328	14	138	2,334	16	136	2,740	14	114	1,170
9:00am	12	96	1,625	12	96	969	13	102	2,003	14	120	1,715	12	96	796
10:00am	11	88	1,678	12	96	1,024	11	72	1,321	13	112	1,713	7	56	581
11:00am	11	88	2,133	12	96	1,159	8	66	1,536	12	102	2,015	6	48	682
12:00pm	10	80	2,879	12	96	1,646	8	72	1,845	12	104	2,567	6	48	756
1:00pm	11	88	3,243	12	96	2,000	8	76	2,110	13	112	2,592	6	48	1,118
2:00pm	10	80	4,760	12	96	3,003	8	70	2,723	12	102	4,833	6	48	908
3:00pm	10	80	6,898	13	104	3,992	8	92	3,879	12	102	5,562	9	74	1,771
4:00pm	11	88	9,606	13	104	5,315	11	112	5,104	14	120	8,687	14	112	3,283
5:00pm	15	120	13,688	17	136	7,560	12	98	8,745	18	154	13,345	15	120	6,328
6:00pm	14	112	13,259	13	104	5,683	11	94	8,161	13	112	11,465	15	120	6,479
7:00pm	12	96	9,426	11	88	3,783	12	108	5,624	11	96	8,529	8	64	2,899
8:00pm	12	96	7,409	11	88	3,005	11	82	3,875	12	102	6,488	8	66	1,855
9:00pm	11	88	6,110	10	80	2,165	9	66	2,983	12	102	4,817	5	40	1,030
10:00pm	9	72	4,558	9	72	1,715	7	52	2,224	9	76	3,284	6	50	668
11:00pm	5	40	3,377	5	40	1,331	6	26	1,481	5	46	1,877	5	46	792
TOTAL	217	1,736	100,831	225	1,800	49,362	193	1,720	60,281	236	2,022	88,566	182	1,508	33,617

SECTION B

SUBWAY BY LOCATION
BROOKLYN SECTOR, 2009-OUTBOUND (CONT'D)

HOURS	CRANBERRY ST. TUNNEL			CLARK ST. TUNNEL			JORALEMON ST. TUNNEL			MANHATTAN BRIDGE			TOTAL		
	VIA BROADWAY/NASSAU			VIA WALL STREET			VIA BOWLING GREEN			VIA GRAND ST (D) EXPRESS			BROOKLYN SECTOR		
	A, C LINES			2, 3 LINES			4, 5 LINES			VIA CANAL ST (N) EXPRESS			TRAINS	CARS	PSGRS
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS			
12:00am	4	32	1,532	3	30	962	3	30	1,070	4	32	743	35	302	10,709
1:00am	3	24	530	3	30	295	5	50	332	3	24	420	28	250	3,857
2:00am	3	24	272	3	30	117	3	30	157	3	24	118	27	242	1,814
3:00am	3	24	167	2	20	85	3	30	76	2	16	113	25	224	988
4:00am	3	24	220	4	40	108	3	30	102	2	16	168	28	244	1,129
5:00am	4	32	466	4	40	326	7	70	352	3	26	561	34	326	2,810
6:00am	10	82	1,644	11	110	1,063	13	130	1,154	10	90	1,472	81	754	9,557
7:00am	13	104	3,484	17	170	2,402	19	190	2,759	13	116	2,459	121	1,086	19,883
8:00am	15	120	4,228	18	180	3,388	23	230	3,664	15	132	2,828	140	1,250	23,699
9:00am	18	144	3,607	22	220	2,563	19	190	2,817	14	126	1,935	136	1,190	18,030
10:00am	14	112	2,415	16	160	1,818	18	180	1,992	12	108	1,573	114	984	14,115
11:00am	13	104	2,688	14	140	1,870	15	150	2,095	12	108	1,851	103	902	16,029
12:00pm	15	120	3,255	13	130	2,230	14	140	2,704	12	108	2,495	102	898	20,377
1:00pm	12	96	3,865	16	160	2,562	15	150	2,892	12	108	3,068	105	934	23,450
2:00pm	16	128	4,985	15	150	3,319	17	170	3,794	12	108	3,385	108	952	31,710
3:00pm	14	112	6,981	15	150	4,519	12	120	5,428	12	108	6,103	105	942	45,133
4:00pm	17	136	9,555	14	140	6,189	19	190	8,283	13	116	7,760	126	1,118	63,782
5:00pm	22	176	14,784	17	170	9,516	24	240	13,158	17	152	13,365	157	1,366	100,489
6:00pm	16	128	13,179	16	160	7,991	18	180	10,770	14	126	11,985	130	1,136	88,972
7:00pm	14	112	8,993	12	120	5,370	14	140	7,095	12	108	8,330	106	932	60,049
8:00pm	11	92	6,471	13	130	4,023	12	120	4,867	12	108	6,290	102	884	44,283
9:00pm	14	112	4,958	11	110	3,100	6	60	3,527	12	108	4,972	90	766	33,662
10:00pm	10	80	3,609	9	90	2,189	7	70	2,422	11	100	3,920	77	662	24,589
11:00pm	5	40	2,503	9	90	1,595	5	50	1,793	7	60	2,645	52	438	17,394
TOTAL	269	2,158	104,391	277	2,770	67,600	294	2,940	83,303	239	2,128	88,559	2,132	18,782	676,510

* N-line makes local stops at Court St from 23:07 - 05:38 hours via Montague St. tunnel.

** W-line makes local stops at Whitehall St. from 20:57 - 21:17 hours via the Montague St. tunnel.

SECTION B

SUBWAY BY LOCATION QUEENS SECTOR, 2009-INBOUND

HOURS	60TH STREET TUNNEL VIA QUEENSBORO PLAZA & N, R, W LINES			53RD STREET TUNNEL VIA 23RD STREET/ELY AVE E, V LINES			STEINWAY ST. TUNNEL VIA VERNON AVE/JACKSON AVE 7 LINE			63RD STREET TUNNEL VIA 63RD ST/LEXINGTON AVE F LINE			TOTAL QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	6	60	267	4	40	267	6	66	268	4	34	216	20	200	1,018
1:00am	3	30	165	3	30	122	3	33	148	3	26	99	12	119	534
2:00am	3	30	103	3	30	109	3	33	91	3	28	71	12	121	374
3:00am	3	30	200	3	30	198	3	33	163	3	30	126	12	123	687
4:00am	3	30	830	3	30	819	3	33	555	3	28	435	12	121	2,639
5:00am	5	46	2,943	4	92	3,315	6	66	1,865	4	34	1,911	19	238	10,034
6:00am	12	110	7,798	14	146	9,078	20	220	4,985	7	64	5,133	53	540	26,994
7:00am	19	174	16,731	19	200	19,063	24	264	11,315	12	106	11,546	74	744	58,655
8:00am	23	214	24,060	23	196	26,039	27	297	17,183	14	120	15,539	87	827	82,821
9:00am	18	168	13,938	17	152	14,967	16	176	10,580	12	108	8,397	63	604	47,882
10:00am	18	166	8,404	14	154	8,923	12	132	5,750	9	84	4,897	53	536	27,974
11:00am	17	158	5,826	15	134	6,036	12	132	4,039	8	72	3,496	52	496	19,397
12:00pm	16	148	4,812	14	134	5,103	12	132	3,301	8	68	3,012	50	482	16,228
1:00pm	17	158	4,679	15	142	4,967	12	132	3,325	8	72	3,049	52	504	16,020
2:00pm	16	148	5,202	15	144	5,307	12	132	3,480	8	76	3,253	51	500	17,242
3:00pm	17	158	5,856	18	200	5,869	11	121	4,485	9	74	3,538	55	553	19,748
4:00pm	18	162	5,578	23	210	6,119	19	209	4,613	12	104	4,108	72	685	20,418
5:00pm	23	212	5,720	21	202	6,545	25	275	4,906	12	112	4,003	81	801	21,174
6:00pm	20	186	4,005	19	174	4,334	21	231	3,410	11	100	2,787	71	691	14,536
7:00pm	20	184	2,474	18	162	2,582	16	176	2,071	12	100	1,858	66	622	8,985
8:00pm	17	160	1,696	16	146	1,875	15	165	1,500	10	94	1,345	58	565	6,416
9:00pm	17	160	1,330	12	122	1,421	13	143	1,115	9	80	1,077	51	505	4,943
10:00pm	14	130	1,056	12	60	1,124	10	110	886	6	54	815	42	354	3,881
11:00pm	6	58	669	5	50	588	8	88	568	6	52	437	25	248	2,262
TOTAL	331	3,080	124,342	310	2,980	134,770	309	3,399	90,602	193	1,720	81,148	1,143	11,179	430,862

SECTION B

**SUBWAY BY LOCATION
QUEENS SECTOR, 2009-OUTBOUND**

HOURS	60TH STREET TUNNEL VIA LEXINGTON AVE N, R, W LINES			53RD STREET TUNNEL VIA LEXINGTON AVE E, V LINES			STEINWAY ST. TUNNEL VIA GRAND CENTRAL 7 LINE			63RD STREET TUNNEL VIA 57TH ST/6TH AVE F LINE			TOTAL QUEENS SECTOR		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	4	40	2,434	5	50	2,093	8	88	1,948	5	48	1,416	22	226	7,891
1:00am	3	30	895	3	30	725	4	44	671	3	30	503	13	134	2,794
2:00am	3	30	360	3	30	313	3	33	270	3	28	216	12	121	1,159
3:00am	3	30	241	3	30	197	3	33	192	3	26	149	12	119	779
4:00am	3	30	304	3	30	275	3	33	249	3	26	181	12	119	1,009
5:00am	3	30	749	4	40	673	4	44	659	3	30	476	14	144	2,557
6:00am	9	82	2,021	6	58	1,903	13	143	1,964	6	56	1,378	34	339	7,266
7:00am	15	150	3,787	13	126	3,270	24	264	3,651	8	70	2,620	60	610	13,328
8:00am	23	214	4,422	19	186	3,836	25	275	4,135	13	114	2,969	80	789	15,362
9:00am	22	200	2,917	20	194	2,746	21	231	2,485	11	100	2,155	74	725	10,303
10:00am	16	150	2,483	17	164	2,268	9	99	2,029	9	76	1,650	51	489	8,430
11:00am	16	148	2,783	15	144	2,630	12	132	2,168	7	62	1,936	50	486	9,517
12:00pm	16	148	3,617	15	144	3,533	11	121	2,848	8	76	2,505	50	489	12,503
1:00pm	16	148	4,058	14	132	4,008	12	132	3,210	8	72	2,779	50	484	14,055
2:00pm	17	158	5,804	13	124	5,806	13	143	4,552	7	58	3,876	50	483	20,038
3:00pm	18	170	8,964	16	154	9,241	12	132	6,925	11	98	5,992	57	554	31,122
4:00pm	18	168	12,581	19	180	13,358	16	176	9,635	12	112	8,551	65	636	44,125
5:00pm	20	194	19,127	20	192	19,654	23	253	15,820	15	128	12,912	78	767	67,513
6:00pm	19	176	16,200	19	182	15,903	25	275	13,401	12	102	10,573	75	735	56,077
7:00pm	21	184	11,041	19	178	10,591	18	198	8,864	12	112	6,756	70	672	37,252
8:00pm	19	178	8,428	17	164	7,869	15	165	6,551	10	94	4,953	61	601	27,801
9:00pm	18	168	6,457	14	132	5,973	15	165	5,032	9	76	3,738	56	541	21,200
10:00pm	16	150	5,401	12	116	4,492	11	121	4,165	6	54	2,813	45	441	16,871
11:00pm	9	84	4,314	11	104	3,734	10	110	3,217	6	58	2,311	36	356	13,576
TOTAL	327	3,060	129,388	300	2,884	125,091	310	3,410	104,641	190	1,706	83,408	1,127	11,060	442,528

SECTION B
SUBWAY BY LINE
NEW JERSEY SECTOR, 2009-INBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	2	14	109	2	14	142	4	28	251
1:00am	2	14	56	2	14	66	4	28	122
2:00am	2	14	39	2	14	41	4	28	80
3:00am	2	14	55	2	14	64	4	28	119
4:00am	2	14	168	2	14	152	4	28	320
5:00am	4	28	875	3	21	763	7	49	1,638
6:00am	14	98	3,105	11	77	3,289	25	175	6,394
7:00am	22	154	7,620	20	140	8,730	42	294	16,350
8:00am	24	168	11,331	24	168	14,290	48	336	25,621
9:00am	17	119	4,757	16	112	6,359	33	231	11,116
10:00am	9	63	1,903	12	84	2,323	21	147	4,226
11:00am	9	63	1,491	12	84	1,742	21	147	3,233
12:00pm	9	63	1,313	12	84	1,509	21	147	2,822
1:00pm	9	63	1,285	12	84	1,470	21	147	2,755
2:00pm	10	70	1,273	12	84	1,437	22	154	2,710
3:00pm	12	84	1,618	12	84	1,798	24	168	3,416
4:00pm	19	133	2,918	17	119	2,881	36	252	5,799
5:00pm	23	161	5,078	22	154	4,570	45	315	9,648
6:00pm	18	126	3,326	18	126	3,043	36	252	6,369
7:00pm	11	77	1,645	12	84	1,628	23	161	3,273
8:00pm	11	77	936	12	84	970	23	161	1,906
9:00pm	10	70	652	9	63	699	19	133	1,351
10:00pm	8	56	452	8	56	490	16	112	942
11:00pm	4	28	264	6	42	305	10	70	569
TOTAL	253	1,771	52,269	260	1,820	58,761	513	3,591	111,030

NEW JERSEY SECTOR, 2009-OUTBOUND

HOURS	DOWNTOWN PATH			UPTOWN PATH			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	1	7	289	3	21	810	4	28	1,099
1:00am	2	14	135	2	14	369	4	28	504
2:00am	2	14	55	2	14	213	4	28	268
3:00am	2	14	46	2	14	111	4	28	157
4:00am	2	14	71	2	14	128	4	28	199
5:00am	3	21	213	2	14	215	5	35	428
6:00am	13	91	772	8	56	837	21	147	1,609
7:00am	20	140	2,140	18	126	2,215	38	266	4,355
8:00am	23	161	3,685	23	161	3,449	46	322	7,134
9:00am	15	105	1,775	18	126	1,590	33	231	3,365
10:00am	10	70	710	12	84	888	22	154	1,598
11:00am	9	63	666	12	84	991	21	147	1,657
12:00pm	9	63	846	12	84	1,168	21	147	2,014
1:00pm	9	63	892	12	84	1,322	21	147	2,214
2:00pm	9	63	1,228	12	84	1,706	21	147	2,934
3:00pm	12	84	2,205	12	84	2,620	24	168	4,825
4:00pm	20	140	5,252	15	105	4,806	35	245	10,058
5:00pm	25	175	10,346	22	154	9,835	47	329	20,181
6:00pm	20	140	7,418	21	147	9,133	41	287	16,551
7:00pm	12	84	3,789	12	84	5,400	24	168	9,189
8:00pm	11	77	2,345	12	84	3,824	23	161	6,169
9:00pm	11	77	1,541	11	77	3,170	22	154	4,711
10:00pm	8	56	932	8	56	2,048	16	112	2,980
11:00pm	5	35	614	7	49	1,460	12	84	2,074
TOTAL	253	1,771	47,965	260	1,820	58,308	513	3,591	106,273

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY SECTOR SUMMARY, 2008-INBOUND

60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
4	27	129	5	54	190	3	24	481	12	105	800
5	32	82	4	46	90	3	23	178	12	101	350
0	0	0	6	55	171	2	17	231	8	72	402
0	0	0	1	10	20	0	0	0	1	10	20
0	0	0	4	42	300	0	0	0	4	42	300
4	32	601	3	34	1,500	5	43	835	12	109	2,936
20	135	5,665	15	152	11,060	15	133	5,387	50	420	22,112
37	262	18,518	29	286	23,870	20	167	12,847	86	715	55,235
53	396	32,252	37	392	34,105	26	237	20,800	116	1,025	87,157
30	198	14,346	20	186	14,033	20	164	11,186	70	548	39,565
15	106	4,969	11	106	5,165	14	101	5,202	40	313	15,336
13	95	3,654	8	76	3,320	9	71	2,609	30	242	9,583
8	56	2,246	10	100	2,950	10	77	2,743	28	233	7,939
10	67	1,907	9	96	2,348	6	47	1,542	25	210	5,797
8	50	1,760	8	74	2,035	10	74	2,222	26	198	6,017
10	68	1,831	10	100	2,078	9	68	2,670	29	236	6,579
9	64	1,977	10	98	2,401	7	52	2,120	26	214	6,498
16	117	3,408	8	88	2,530	10	84	3,207	34	289	9,145
14	93	3,234	12	111	3,133	11	88	3,744	37	292	10,111
14	93	2,338	10	100	1,709	9	72	1,787	33	265	5,834
9	58	1,015	8	80	945	9	73	1,163	26	211	3,123
9	62	841	8	81	835	10	82	1,004	27	225	2,680
6	41	547	8	90	720	7	58	988	21	189	2,255
6	36	350	6	62	450	4	31	206	16	129	1,006
300	2,088	101,670	250	2,519	115,958	219	1,786	83,152	769	6,393	300,780

SUMMARY, 2008-OUTBOUND

60TH STREET SECTOR			QUEENS SECTOR			NEW JERSEY SECTOR			ALL SECTORS		
TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
6	37	851	5	56	1,010	4	34	892	15	127	2,753
9	62	585	4	44	520	3	26	391	16	132	1,496
0	0	0	1	12	60	0	0	0	1	12	60
0	0	0	5	47	300	1	5	93	6	52	393
0	0	0	1	12	90	4	32	320	5	44	410
4	29	249	4	44	260	4	34	221	12	107	730
11	80	758	6	59	692	13	99	931	30	238	2,381
17	106	2,754	7	70	1,380	13	103	2,792	37	279	6,926
11	84	2,150	11	108	1,958	8	66	1,681	30	258	5,789
7	49	1,150	8	84	970	9	71	1,813	24	204	3,933
9	56	1,063	9	88	1,113	9	71	1,348	27	215	3,524
9	61	1,174	10	97	1,587	6	45	1,011	25	203	3,772
8	55	1,410	9	84	1,893	8	62	1,712	25	201	5,015
11	77	2,261	9	92	2,488	6	53	1,624	26	222	6,373
12	89	2,782	9	95	4,281	10	73	2,453	31	257	9,516
19	135	4,992	14	140	7,736	13	110	4,312	46	385	17,040
25	159	9,002	22	226	13,352	14	107	6,286	61	492	28,640
47	333	24,631	35	362	27,926	17	151	13,387	99	846	65,944
32	234	18,774	23	236	19,941	15	135	11,170	70	605	49,885
24	167	10,344	15	147	10,969	11	82	6,080	50	396	27,393
12	82	5,497	8	90	5,760	12	92	4,205	32	264	15,462
12	77	4,260	8	76	4,370	7	62	3,175	27	215	11,805
9	58	2,185	9	88	3,170	10	83	2,487	28	229	7,842
8	52	1,854	9	98	1,890	7	58	1,673	24	208	5,417
302	2,082	98,726	241	2,455	113,716	204	1,654	70,057	747	6,191	282,499

SECTION C

SUBURBAN AND INTERCITY RAIL TRANSIT BY LINE
60TH STREET SECTOR, 2008-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	TRAINS	CARS	PSGRS
12:00am	1	6	51	2	14	34	1	7	44	-	-	-	4	27	129
1:00am	2	14	26	1	6	11	2	12	45	-	-	-	5	32	82
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	1	8	96	1	10	121	2	14	384	-	-	-	4	32	601
6:00am	7	47	1,574	7	52	1,767	6	36	2,324	-	-	-	20	135	5,665
7:00am	9	59	3,721	13	101	6,619	14	97	8,102	1	5	76	37	262	18,518
8:00am	14	102	7,515	16	131	10,477	22	158	14,043	1	5	217	53	396	32,252
9:00am	7	46	2,925	11	85	5,791	11	62	5,437	1	5	193	30	198	14,346
10:00am	4	27	922	4	32	1,738	6	42	2,123	1	5	186	15	106	4,969
11:00am	3	23	585	4	32	1,240	6	40	1,829	-	-	-	13	95	3,654
12:00pm	2	15	467	2	16	606	3	20	1,010	1	5	163	8	56	2,246
1:00pm	2	15	380	4	28	633	3	19	820	1	5	74	10	67	1,907
2:00pm	2	13	348	2	14	565	3	18	753	1	5	94	8	50	1,760
3:00pm	2	15	319	4	30	709	3	18	650	1	5	153	10	68	1,831
4:00pm	2	13	404	3	26	656	4	25	917	-	-	-	9	64	1,977
5:00pm	3	20	536	6	46	1,269	6	46	1,488	1	5	115	16	117	3,408
6:00pm	3	19	450	3	20	847	6	40	1,720	2	14	217	14	93	3,234
7:00pm	3	20	271	6	44	855	5	29	1,212	-	-	-	14	93	2,338
8:00pm	2	13	137	3	22	285	3	18	454	1	5	139	9	58	1,015
9:00pm	2	15	124	3	20	244	3	22	296	1	5	177	9	62	841
10:00pm	2	13	141	2	14	191	2	14	215	-	-	-	6	41	547
11:00pm	1	6	29	2	14	85	3	16	236	-	-	-	6	36	350
TOTAL	74	509	21,021	99	757	34,743	114	753	44,102	13	69	1,804	300	2,088	101,670

60TH STREET SECTOR, 2008-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	TRAINS	CARS	PSGRS
12:00am	2	13	209	2	14	319	2	10	323	-	-	-	6	37	851
1:00am	2	12	123	3	20	198	4	30	264	-	-	-	9	62	585
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	1	8	23	1	8	50	2	13	176	-	-	-	4	29	249
6:00am	3	21	140	5	40	263	3	19	355	-	-	-	11	80	758
7:00am	4	26	248	6	43	952	6	32	1,404	1	5	150	17	106	2,754
8:00am	2	13	195	4	34	691	4	32	1,082	1	5	182	11	84	2,150
9:00am	2	15	195	2	14	393	3	20	562	-	-	-	7	49	1,150
10:00am	2	13	159	3	22	319	3	16	457	1	5	128	9	56	1,063
11:00am	2	15	207	3	20	401	3	21	491	1	5	75	9	61	1,174
12:00pm	2	12	285	3	24	522	3	19	603	-	-	-	8	55	1,410
1:00pm	3	21	456	3	24	699	4	27	954	1	5	152	11	77	2,261
2:00pm	2	15	463	5	40	901	4	29	1,263	1	5	155	12	89	2,782
3:00pm	4	27	938	7	53	1,790	6	41	1,979	2	14	285	19	135	4,992
4:00pm	7	46	2,382	9	62	3,056	8	46	3,320	1	5	244	25	159	9,002
5:00pm	13	91	6,130	13	111	7,854	20	126	10,532	1	5	115	47	333	24,631
6:00pm	8	54	3,959	12	92	6,720	12	88	8,095	-	-	-	32	234	18,774
7:00pm	6	40	2,034	9	74	4,048	8	48	4,143	1	5	119	24	167	10,344
8:00pm	3	21	863	3	22	1,851	5	34	2,711	1	5	72	12	82	5,497
9:00pm	4	22	933	4	30	1,324	4	25	2,003	-	-	-	12	77	4,260
10:00pm	3	19	580	2	12	519	3	22	1,054	1	5	32	9	58	2,185
11:00pm	2	13	304	3	20	666	3	19	884	-	-	-	8	52	1,854
TOTAL	77	517	20,826	102	779	33,536	110	717	42,655	13	69	1,709	302	2,082	98,726

SECTION C

SUBURBAN AND INTERCITY RAIL,TRANSIT BY LINE QUEENS SECTOR, 2009-INBOUND

HOURS	MTA LIRR			AMTRAK N.E. CORRIDOR			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	54	190	-	-	-	5	54	190
1:00am	4	46	90	-	-	-	4	46	90
2:00am	5	50	90	1	5	81	6	55	171
3:00am	1	10	20	-	-	-	1	10	20
4:00am	4	42	300	-	-	-	4	42	300
5:00am	3	34	1,500	-	-	-	3	34	1,500
6:00am	15	152	11,060	-	-	-	15	152	11,060
7:00am	29	286	23,870	-	-	-	29	286	23,870
8:00am	36	386	33,900	1	6	205	37	392	34,105
9:00am	18	172	13,660	2	14	373	20	186	14,033
10:00am	9	92	4,690	2	14	475	11	106	5,165
11:00am	8	76	3,320	-	-	-	8	76	3,320
12:00pm	8	86	2,500	2	14	450	10	100	2,950
1:00pm	8	88	2,060	1	8	288	9	96	2,348
2:00pm	7	68	1,890	1	6	145	8	74	2,035
3:00pm	8	86	1,740	2	14	338	10	100	2,078
4:00pm	9	92	2,250	1	6	151	10	98	2,401
5:00pm	8	88	2,530	-	-	-	8	88	2,530
6:00pm	9	92	2,650	3	19	483	12	111	3,133
7:00pm	9	94	1,570	1	6	139	10	100	1,709
8:00pm	7	74	780	1	6	165	8	80	945
9:00pm	7	74	740	1	7	95	8	81	835
10:00pm	8	90	720	-	-	-	8	90	720
11:00pm	6	62	450	-	-	-	6	62	450
TOTAL	231	2,394	112,570	19	125	3,388	250	2,519	115,958

QUEENS SECTOR, 2009-OUTBOUND

HOURS	MTA LIRR			AMTRAK N.E. CORRIDOR			TOTAL		
	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS	TRAINS	CARS	PSGRS
12:00am	5	56	1,010	-	-	-	5	56	1,010
1:00am	4	44	520	-	-	-	4	44	520
2:00am	1	12	60	-	-	-	1	12	60
3:00am	4	42	200	1	5	100	5	47	300
4:00am	1	12	90	-	-	-	1	12	90
5:00am	4	44	260	-	-	-	4	44	260
6:00am	5	52	590	1	7	102	6	59	692
7:00am	7	70	1,380	-	-	-	7	70	1,380
8:00am	9	94	1,560	2	14	398	11	108	1,958
9:00am	8	84	970	-	-	-	8	84	970
10:00am	8	82	960	1	6	153	9	88	1,113
11:00am	8	84	1,240	2	13	347	10	97	1,587
12:00pm	7	70	1,560	2	14	333	9	84	1,893
1:00pm	8	86	2,320	1	6	168	9	92	2,488
2:00pm	8	88	4,060	1	7	221	9	95	4,281
3:00pm	12	126	7,260	2	14	476	14	140	7,736
4:00pm	21	220	13,150	1	6	202	22	226	13,352
5:00pm	33	348	27,470	2	14	456	35	362	27,926
6:00pm	21	222	19,580	2	14	361	23	236	19,941
7:00pm	13	134	10,620	2	13	349	15	147	10,969
8:00pm	8	90	5,760	-	-	-	8	90	5,760
9:00pm	8	76	4,370	-	-	-	8	76	4,370
10:00pm	9	88	3,170	-	-	-	9	88	3,170
11:00pm	9	98	1,890	-	-	-	9	98	1,890
TOTAL	221	2,322	110,050	20	133	3,666	241	2,455	113,716

SECTION C

SUBURBAN AND INTERCITY RAIL, TRANSIT BY LINE
NEW JERSEY SECTOR, 2009-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	2	17	345	-	-	-	1	7	136	3	24	481
1:00am	2	18	50	-	-	-	1	5	128	3	23	178
2:00am	2	17	231	-	-	-	-	-	-	2	17	231
3:00am	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	4	34	621	1	9	214	-	-	-	5	43	835
6:00am	9	87	3,498	4	33	1,729	2	13	160	15	133	5,387
7:00am	13	112	8,865	5	43	3,751	2	12	231	20	167	12,847
8:00am	14	142	13,353	7	62	6,252	5	33	1,195	26	237	20,800
9:00am	14	118	8,207	5	40	2,724	1	6	255	20	164	11,186
10:00am	7	48	3,162	4	32	1,140	3	21	900	14	101	5,202
11:00am	3	29	1,576	2	17	383	4	25	650	9	71	2,609
12:00pm	3	27	1,426	3	24	609	4	26	708	10	77	2,743
1:00pm	3	26	977	1	9	287	2	12	278	6	47	1,542
2:00pm	3	27	1,234	3	22	490	4	25	498	10	74	2,222
3:00pm	4	33	1,752	2	16	299	3	19	619	9	68	2,670
4:00pm	3	22	1,197	2	17	368	2	13	555	7	52	2,120
5:00pm	5	48	1,833	2	17	691	3	19	683	10	84	3,207
6:00pm	6	55	2,459	2	14	619	3	19	666	11	88	3,744
7:00pm	4	35	806	2	16	451	3	21	530	9	72	1,787
8:00pm	5	46	760	2	15	203	2	12	200	9	73	1,163
9:00pm	3	30	441	3	27	190	4	25	373	10	82	1,004
10:00pm	4	36	725	2	15	109	1	7	154	7	58	988
11:00pm	1	10	144	2	16	49	1	5	13	4	31	206
TOTAL	114	1,017	53,662	54	444	20,558	51	325	8,932	219	1,786	83,152

NEW JERSEY SECTOR, 2009-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	16	696	2	18	196	-	-	-	4	34	892
1:00am	2	17	327	1	9	64	-	-	-	3	26	391
2:00am	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	1	5	93	1	5	93
4:00am	3	25	311	-	-	-	1	7	9	4	32	320
5:00am	3	27	171	-	-	-	1	7	50	4	34	221
6:00am	5	42	434	4	34	261	4	23	236	13	99	931
7:00am	6	55	1,924	3	24	335	4	24	533	13	103	2,792
8:00am	3	27	781	3	26	422	2	13	478	8	66	1,681
9:00am	4	35	856	2	17	250	3	19	707	9	71	1,813
10:00am	3	27	505	2	17	230	4	27	613	9	71	1,348
11:00am	2	17	409	2	14	289	2	14	313	6	45	1,011
12:00pm	3	27	910	2	16	300	3	19	502	8	62	1,712
1:00pm	3	30	1,006	2	17	470	1	6	148	6	53	1,624
2:00pm	3	27	1,178	2	14	400	5	32	875	10	73	2,453
3:00pm	6	56	2,674	3	25	823	4	29	815	13	110	4,312
4:00pm	5	44	3,004	5	38	2,419	4	25	863	14	107	6,286
5:00pm	9	91	7,770	5	43	4,953	3	17	664	17	151	13,387
6:00pm	6	64	5,589	6	52	4,795	3	19	786	15	135	11,170
7:00pm	6	49	4,219	3	22	1,457	2	11	404	11	82	6,080
8:00pm	5	42	2,487	3	26	997	4	24	721	12	92	4,205
9:00pm	4	38	2,095	2	17	933	1	7	147	7	62	3,175
10:00pm	5	48	1,560	3	23	662	2	12	265	10	83	2,487
11:00pm	4	36	1,326	2	17	316	1	5	31	7	58	1,673
TOTAL	92	840	40,232	57	469	20,572	55	345	9,253	204	1,654	70,057

SECTION D **AUTO, TAXI, COMMUTER VAN & TRUCK OCCUPANTS BY SECTOR** **SUMMARY, 2009-INBOUND**

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	10,671	4,600	2,886	1,522	19,679
1:00am	6,347	2,926	1,791	1,019	12,083
2:00am	4,516	2,225	1,460	826	9,027
3:00am	3,938	2,312	1,784	973	9,007
4:00am	5,215	3,697	3,107	1,734	13,753
5:00am	10,175	8,265	6,204	5,780	30,424
6:00am	18,527	13,022	10,522	9,118	51,189
7:00am	24,036	14,739	12,119	7,418	58,312
8:00am	28,690	14,158	12,574	7,043	62,465
9:00am	27,672	13,311	11,081	7,452	59,516
10:00am	23,477	10,553	8,634	6,645	49,309
11:00am	22,291	9,804	8,057	5,951	46,103
12:00pm	21,803	9,669	7,864	5,474	44,810
1:00pm	21,812	10,049	8,381	5,202	45,444
2:00pm	22,102	11,052	8,817	5,179	47,150
3:00pm	22,826	10,475	9,317	5,303	47,921
4:00pm	22,583	10,519	8,931	4,903	46,936
5:00pm	24,426	11,420	9,762	5,248	50,856
6:00pm	25,326	10,337	8,924	5,606	50,193
7:00pm	25,360	9,572	7,429	5,709	48,070
8:00pm	22,190	8,890	6,243	3,924	41,247
9:00pm	20,153	8,774	5,564	3,754	38,245
10:00pm	19,704	8,655	5,500	3,662	37,521
11:00pm	17,144	7,549	4,339	2,859	31,891
TOTAL	450,984	216,573	171,290	112,304	951,151

SUMMARY, 2009-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	11,070	8,748	6,078	2,518	28,414
1:00am	6,387	5,200	3,581	1,914	17,082
2:00am	4,411	3,543	2,444	1,323	11,721
3:00am	3,911	2,696	1,949	1,221	9,777
4:00am	5,540	3,138	2,671	1,575	12,924
5:00am	9,911	4,315	4,048	2,536	20,810
6:00am	17,016	7,930	6,515	3,683	35,144
7:00am	23,790	9,490	6,837	4,669	44,786
8:00am	24,376	9,968	5,942	4,223	44,509
9:00am	23,662	9,368	5,462	4,157	42,649
10:00am	22,209	9,123	6,369	4,376	42,077
11:00am	21,591	9,218	6,869	4,540	42,218
12:00pm	22,377	9,615	7,737	5,046	44,775
1:00pm	22,965	9,975	8,168	6,045	47,153
2:00pm	24,965	10,893	9,613	7,106	52,577
3:00pm	25,981	13,086	10,975	7,006	57,048
4:00pm	26,037	15,020	11,289	7,121	59,467
5:00pm	28,263	15,306	10,969	8,269	62,807
6:00pm	29,488	14,937	10,088	8,399	62,912
7:00pm	26,693	13,574	9,173	7,474	56,914
8:00pm	23,333	13,168	8,957	6,084	51,542
9:00pm	22,915	12,492	8,624	5,784	49,815
10:00pm	21,727	12,059	8,389	5,737	47,912
11:00pm	17,421	11,228	7,509	4,631	40,789
TOTAL	466,039	234,090	170,256	115,437	985,822

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2009-INBOUND

HOURS	FDR DRIVE	YORK AVE	SECOND AVE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	SEVENTH AVE (C.P. Exit)	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HIGHWAY	TOTAL
12:00am	2,160	549	2,359	919	541	938	-	858	1,106	387	854	10,671
1:00am	1,024	253	1,551	539	249	563	-	793	652	230	493	6,347
2:00am	691	183	1,176	406	163	374	-	570	442	151	360	4,516
3:00am	592	150	1,159	362	116	341	-	370	375	118	355	3,938
4:00am	949	243	1,515	417	148	547	-	287	392	137	580	5,215
5:00am	2,576	554	2,191	693	234	1,093	-	212	609	239	1,774	10,175
6:00am	4,875	872	2,623	1,234	601	2,114	-	243	978	597	4,390	18,527
7:00am	6,648	882	2,783	1,724	1,459	2,529	-	430	1,331	1,075	5,175	24,036
8:00am	7,323	936	2,830	1,913	2,075	2,515	1,613	916	1,721	1,491	5,357	28,690
9:00am	7,103	921	2,897	1,648	1,940	2,356	1,586	1,319	1,589	1,368	4,945	27,672
10:00am	6,167	1,013	2,848	1,473	1,699	2,005	63	1,298	1,691	1,199	4,021	23,477
11:00am	5,775	1,104	3,077	1,380	1,482	1,828	-	1,160	1,802	1,201	3,482	22,291
12:00pm	5,740	1,164	3,091	1,459	1,565	1,752	-	1,125	1,461	1,194	3,252	21,803
1:00pm	5,627	1,233	3,159	1,391	1,533	1,569	-	1,052	1,775	1,224	3,249	21,812
2:00pm	5,714	1,239	3,135	1,468	1,669	1,579	-	1,030	1,818	1,178	3,272	22,102
3:00pm	5,927	1,424	3,150	1,367	1,455	1,782	-	950	1,821	1,241	3,709	22,826
4:00pm	5,602	1,408	3,194	1,296	1,479	1,765	-	974	1,662	1,208	3,995	22,583
5:00pm	6,473	1,376	3,327	1,516	1,670	1,812	-	911	1,653	1,236	4,452	24,426
6:00pm	6,375	1,335	3,624	1,691	1,676	2,149	-	810	1,914	1,491	4,261	25,326
7:00pm	5,845	1,246	3,859	1,784	1,823	2,348	-	906	1,907	1,655	3,987	25,360
8:00pm	5,205	1,155	3,467	1,777	1,677	2,213	-	947	1,830	1,428	2,491	22,190
9:00pm	4,338	988	3,301	1,652	1,400	2,271	-	1,016	1,719	1,110	2,358	20,153
10:00pm	4,043	934	3,280	1,677	1,343	2,274	-	1,016	1,965	1,056	2,116	19,704
11:00pm	3,642	862	3,144	1,450	974	1,945	-	929	1,695	877	1,626	17,144
TOTAL	110,414	22,024	66,740	31,236	28,971	40,662	3,262	20,122	33,908	23,091	70,554	450,984

SECTION D

**AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
60TH STREET SECTOR, 2009-OUTBOUND**

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	QUEENS- BORO RAMP	THIRD AVE	PARK AVE	MADISON AVE	SIXTH AVE (C.P. Entrance)	CENTRAL PARK WEST	BROADWAY	AMSTER- DAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	1,936	388	1,265	871	1,419	391	870	-	752	577	731	176	1,694	11,070
1:00am	1,012	180	873	501	926	184	486	-	424	341	444	94	922	6,387
2:00am	640	131	620	392	679	116	322	-	259	246	330	62	614	4,411
3:00am	590	142	541	532	579	91	254	-	187	193	273	55	474	3,911
4:00am	932	237	680	1,110	711	122	320	-	283	173	350	88	534	5,540
5:00am	2,137	409	1,011	2,356	991	281	532	-	357	259	645	193	740	9,911
6:00am	3,944	912	1,826	2,544	1,647	802	988	-	524	546	1,125	594	1,564	17,016
7:00am	4,799	1,584	2,589	2,179	2,503	1,875	1,415	454	1,029	843	1,443	534	2,543	23,790
8:00am	4,427	1,628	2,793	1,890	2,512	2,085	1,436	625	1,174	916	1,411	734	2,745	24,376
9:00am	4,297	1,406	2,559	2,078	2,471	1,792	1,469	746	1,247	957	1,471	801	2,368	23,662
10:00am	3,820	1,195	2,256	1,960	2,336	1,708	1,345	651	1,312	862	1,508	866	2,390	22,209
11:00am	3,740	1,131	2,085	2,045	2,087	1,615	1,339	635	1,210	744	1,578	702	2,680	21,591
12:00pm	3,908	1,166	2,068	2,148	2,214	1,589	1,468	686	1,383	758	1,567	535	2,887	22,377
1:00pm	3,764	1,317	2,154	2,143	2,263	1,531	1,619	696	1,359	884	1,631	493	3,111	22,965
2:00pm	4,184	1,450	2,274	2,254	2,458	1,755	1,668	810	1,208	854	1,726	592	3,732	24,965
3:00pm	4,550	1,411	2,246	2,013	2,231	1,779	1,730	1,044	1,271	912	1,851	666	4,277	25,981
4:00pm	4,648	1,129	2,625	2,169	1,977	1,942	1,658	1,152	1,261	879	2,005	726	3,866	26,037
5:00pm	4,679	1,286	2,824	2,227	2,498	2,107	1,870	1,279	1,340	946	2,264	861	4,082	28,263
6:00pm	4,446	1,389	2,784	2,143	2,764	2,043	2,508	996	1,562	1,168	2,335	1,443	3,907	29,488
7:00pm	4,166	1,112	2,387	1,956	2,865	1,755	2,823	-	1,678	1,166	2,114	680	3,991	26,693
8:00pm	4,029	1,064	2,104	1,759	2,587	1,541	2,111	-	1,397	999	1,686	480	3,576	23,333
9:00pm	3,791	972	2,029	1,677	2,670	1,485	2,021	-	1,445	960	1,671	445	3,749	22,915
10:00pm	3,443	854	2,020	1,775	2,418	1,309	1,949	-	1,434	956	1,647	413	3,509	21,727
11:00pm	2,824	642	1,840	1,366	2,159	883	1,409	-	1,214	807	1,333	268	2,676	17,421
TOTAL	80,706	23,135	46,453	42,088	47,965	30,781	33,610	9,774	25,310	17,946	33,139	12,501	62,631	466,039

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
2009-INBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	1,591	1,092	1,787	130	4,600	586	2,300	2,886	711	811	1,522	9,008
1:00am	870	755	1,236	65	2,926	236	1,555	1,791	460	559	1,019	5,736
2:00am	632	594	966	33	2,225	169	1,291	1,460	315	511	826	4,511
3:00am	660	603	1,008	41	2,312	219	1,565	1,784	337	636	973	5,069
4:00am	1,303	694	1,499	201	3,697	316	2,791	3,107	619	1,115	1,734	8,538
5:00am	2,868	1,536	2,910	951	8,265	1,080	5,124	6,204	2,341	3,439	5,780	20,249
6:00am	4,331	2,480	3,987	2,224	13,022	2,995	7,527	10,522	3,561	5,557	9,118	32,662
7:00am	4,216	3,211	4,046	3,266	14,739	4,462	7,657	12,119	3,397	4,021	7,418	34,276
8:00am	4,198	3,260	3,618	3,082	14,158	5,501	7,073	12,574	3,444	3,599	7,043	33,775
9:00am	3,851	2,814	3,743	2,903	13,311	5,324	5,757	11,081	3,392	4,060	7,452	31,844
10:00am	3,182	2,205	3,376	1,790	10,553	3,744	4,890	8,634	2,914	3,731	6,645	25,832
11:00am	2,912	1,963	3,225	1,704	9,804	3,609	4,448	8,057	2,424	3,527	5,951	23,812
12:00pm	3,118	1,899	3,016	1,636	9,669	3,150	4,714	7,864	2,327	3,147	5,474	23,007
1:00pm	3,216	1,991	3,226	1,616	10,049	3,401	4,980	8,381	2,167	3,035	5,202	23,632
2:00pm	3,736	2,216	3,321	1,779	11,052	3,390	5,427	8,817	2,453	2,726	5,179	25,048
3:00pm	3,622	1,886	3,278	1,689	10,475	4,160	5,157	9,317	2,741	2,562	5,303	25,095
4:00pm	3,910	1,862	3,289	1,458	10,519	4,022	4,909	8,931	3,014	1,889	4,903	24,353
5:00pm	4,346	1,915	3,520	1,639	11,420	4,422	5,340	9,762	3,468	1,780	5,248	26,430
6:00pm	3,632	1,974	3,452	1,279	10,337	3,760	5,164	8,924	3,618	1,988	5,606	24,867
7:00pm	3,469	1,808	3,187	1,108	9,572	2,569	4,860	7,429	2,804	2,905	5,709	22,710
8:00pm	3,438	1,616	3,081	755	8,890	2,130	4,113	6,243	1,942	1,982	3,924	19,057
9:00pm	3,540	1,653	2,977	604	8,774	1,813	3,751	5,564	1,843	1,911	3,754	18,092
10:00pm	3,415	1,773	2,957	510	8,655	1,584	3,916	5,500	1,929	1,733	3,662	17,817
11:00pm	2,650	1,653	2,734	512	7,549	995	3,344	4,339	1,408	1,451	2,859	14,747
TOTAL	72,706	43,453	69,439	30,975	216,573	63,637	107,653	171,290	53,629	58,675	112,304	500,167

SECTION D
AUTO, TAXI, COMMUTER VAN AND TRUCK OCCUPANTS BY FACILITY
2009-OUTBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	3,432	2,020	2,855	441	8,748	1,316	4,762	6,078	874	1,644	2,518	17,344
1:00am	1,861	1,344	1,763	232	5,200	632	2,949	3,581	640	1,274	1,914	10,695
2:00am	1,212	931	1,291	109	3,543	386	2,058	2,444	458	865	1,323	7,310
3:00am	884	778	961	73	2,696	290	1,659	1,949	535	686	1,221	5,866
4:00am	1,045	962	1,058	73	3,138	566	2,105	2,671	847	728	1,575	7,384
5:00am	1,692	1,015	1,486	122	4,315	1,114	2,934	4,048	1,657	879	2,536	10,899
6:00am	3,177	1,774	2,603	376	7,930	1,955	4,560	6,515	2,704	979	3,683	18,128
7:00am	3,848	2,104	2,916	622	9,490	2,161	4,676	6,837	3,393	1,276	4,669	20,996
8:00am	3,924	2,326	2,926	792	9,968	2,064	3,878	5,942	2,833	1,390	4,223	20,133
9:00am	3,843	2,121	2,576	828	9,368	2,045	3,417	5,462	2,524	1,633	4,157	18,987
10:00am	3,432	2,125	2,691	875	9,123	2,326	4,043	6,369	2,312	2,064	4,376	19,868
11:00am	3,383	2,153	2,660	1,022	9,218	2,439	4,430	6,869	2,270	2,270	4,540	20,627
12:00pm	3,528	2,171	2,785	1,131	9,615	3,114	4,623	7,737	2,431	2,615	5,046	22,398
1:00pm	3,669	2,281	2,821	1,204	9,975	3,441	4,727	8,168	2,762	3,283	6,045	24,188
2:00pm	4,208	2,371	2,811	1,503	10,893	3,956	5,657	9,613	3,518	3,588	7,106	27,612
3:00pm	4,595	3,002	3,457	2,032	13,086	4,201	6,774	10,975	3,422	3,584	7,006	31,067
4:00pm	4,865	3,661	4,041	2,453	15,020	4,404	6,885	11,289	3,507	3,614	7,121	33,430
5:00pm	4,787	3,643	4,150	2,726	15,306	4,405	6,564	10,969	3,466	4,803	8,269	34,544
6:00pm	4,991	3,498	3,906	2,542	14,937	4,236	5,852	10,088	3,929	4,470	8,399	33,424
7:00pm	4,546	3,220	3,808	2,000	13,574	3,346	5,827	9,173	3,191	4,283	7,474	30,221
8:00pm	4,688	2,944	3,796	1,740	13,168	3,229	5,728	8,957	2,585	3,499	6,084	28,209
9:00pm	4,794	2,778	3,422	1,498	12,492	3,343	5,281	8,624	2,352	3,432	5,784	26,900
10:00pm	4,452	2,818	3,353	1,436	12,059	3,120	5,269	8,389	2,356	3,381	5,737	26,185
11:00pm	4,237	2,581	3,336	1,074	11,228	2,068	5,441	7,509	1,639	2,992	4,631	23,368
TOTAL	85,093	54,621	67,472	26,904	234,090	60,157	110,099	170,256	56,205	59,232	115,437	519,783

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY SECTOR, SUMMARY- 2009

INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,048	3,832	2,367	1,175	15,422
1:00am	4,770	2,426	1,482	785	9,463
2:00am	3,399	1,841	1,210	631	7,081
3:00am	2,967	1,914	1,477	740	7,098
4:00am	3,935	3,088	2,579	1,321	10,923
5:00am	7,781	6,936	5,270	4,429	24,416
6:00am	14,990	10,959	9,000	7,366	42,315
7:00am	18,881	12,618	10,090	5,949	47,538
8:00am	21,416	11,928	10,202	5,473	49,019
9:00am	20,675	11,194	8,852	5,998	46,719
10:00am	17,909	8,739	7,002	5,441	39,091
11:00am	16,944	8,193	6,400	4,847	36,384
12:00pm	16,359	7,994	6,227	4,243	34,823
1:00pm	16,524	8,306	6,545	4,041	35,416
2:00pm	17,003	9,021	6,887	3,937	36,848
3:00pm	17,661	8,918	7,035	4,119	37,733
4:00pm	17,319	8,905	6,831	3,716	36,771
5:00pm	18,366	9,532	7,521	3,902	39,321
6:00pm	19,126	8,999	7,018	4,324	39,467
7:00pm	19,439	8,355	5,887	4,043	37,724
8:00pm	16,788	7,466	5,034	3,039	32,327
9:00pm	15,241	7,369	4,495	2,906	30,011
10:00pm	14,877	7,258	4,464	2,846	29,445
11:00pm	12,920	6,312	3,547	2,213	24,992
TOTAL	343,338	182,103	137,422	87,484	750,347

OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	NEW JERSEY SECTOR	TOTAL
12:00am	8,402	6,410	4,659	1,899	21,370
1:00am	4,845	3,803	2,767	1,439	12,854
2:00am	3,349	2,588	1,895	997	8,829
3:00am	2,988	1,964	1,514	936	7,402
4:00am	4,248	2,279	2,049	1,231	9,807
5:00am	7,665	3,151	3,066	2,023	15,905
6:00am	13,852	5,620	4,431	3,045	26,948
7:00am	18,875	6,797	4,549	3,737	33,958
8:00am	18,990	7,141	4,088	3,314	33,533
9:00am	18,011	6,704	3,875	3,203	31,793
10:00am	16,772	6,628	4,813	3,363	31,576
11:00am	16,387	6,758	5,287	3,550	31,982
12:00pm	16,784	7,079	5,914	3,894	33,671
1:00pm	17,278	7,547	6,339	4,693	35,857
2:00pm	18,729	8,228	7,374	5,364	39,695
3:00pm	19,453	10,331	8,380	5,376	43,540
4:00pm	18,784	11,343	8,705	5,649	44,481
5:00pm	20,189	11,469	8,312	6,495	46,465
6:00pm	21,027	11,078	7,534	6,486	46,125
7:00pm	19,338	10,150	6,894	5,853	42,235
8:00pm	17,630	9,782	6,665	4,655	38,732
9:00pm	17,312	9,249	6,382	4,410	37,353
10:00pm	16,429	8,924	6,228	4,378	35,959
11:00pm	13,175	8,284	5,687	3,496	30,642
TOTAL	350,512	173,307	127,407	89,486	740,712

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2009-INBOUND

HOURS	FDR DRIVE	YORK AVENUE	SECOND AVENUE	LEXINGTON AVENUE	PARK AVE	FIFTH AVENUE	SEVENTH AVE (C.P. EXIT)	BROADWAY	COLUMBUS AVENUE	WEST END AVENUE	WEST SIDE HWY	TOTAL
12:00am	1,588	490	1,697	779	395	605	-	631	838	269	756	8,048
1:00am	753	226	1,116	457	182	363	-	583	494	160	436	4,770
2:00am	508	163	846	344	119	241	-	419	335	105	319	3,399
3:00am	435	134	834	307	85	220	-	272	284	82	314	2,967
4:00am	698	217	1,090	353	108	353	-	211	297	95	513	3,935
5:00am	1,894	495	1,576	587	171	705	-	156	461	166	1,570	7,781
6:00am	3,901	823	1,987	1,064	443	1,338	-	164	829	412	4,029	14,990
7:00am	4,933	817	2,077	1,379	1,181	1,542	-	309	1,082	757	4,804	18,881
8:00am	5,273	828	2,066	1,506	1,502	1,454	886	659	1,275	1,028	4,939	21,416
9:00am	5,038	815	2,195	1,340	1,404	1,419	881	970	1,177	906	4,530	20,675
10:00am	4,372	881	2,141	1,270	1,198	1,261	42	927	1,234	869	3,714	17,909
11:00am	3,975	986	2,349	1,160	1,112	1,187	-	872	1,325	858	3,120	16,944
12:00pm	3,960	1,021	2,273	1,196	1,100	1,176	-	827	1,115	847	2,844	16,359
1:00pm	4,024	1,072	2,273	1,199	1,118	1,082	-	797	1,305	850	2,804	16,524
2:00pm	4,242	1,147	2,272	1,288	1,193	1,074	-	736	1,327	879	2,845	17,003
3:00pm	4,440	1,217	2,250	1,302	1,078	1,212	-	731	1,329	868	3,234	17,661
4:00pm	4,260	1,193	2,188	1,168	1,066	1,161	-	738	1,259	875	3,411	17,319
5:00pm	4,680	1,262	2,218	1,296	1,148	1,208	-	670	1,252	858	3,774	18,366
6:00pm	4,774	1,181	2,384	1,386	1,264	1,414	-	643	1,519	956	3,605	19,126
7:00pm	4,623	1,143	2,643	1,499	1,377	1,565	-	681	1,478	1,111	3,319	19,439
8:00pm	3,827	1,031	2,494	1,506	1,224	1,428	-	696	1,386	992	2,204	16,788
9:00pm	3,190	882	2,375	1,400	1,022	1,465	-	747	1,302	771	2,087	15,241
10:00pm	2,973	834	2,360	1,421	980	1,467	-	747	1,489	733	1,873	14,877
11:00pm	2,678	770	2,262	1,229	711	1,255	-	683	1,284	609	1,439	12,920
TOTAL	81,039	19,628	47,966	26,436	21,181	26,195	1,809	14,869	25,676	16,056	62,483	343,338

Note: 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 13, 2009). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS BY FACILITY
60TH STREET SECTOR, 2009-OUTBOUND

HOURS	FDR DRIVE	YORK AVE	FIRST AVE	QUEENS-BORO RAMP	THIRD AVE	PARK AVE	MADISON AVE	SIXTH AVE (C.P. Entrance)	CENTRAL PARK WEST	BROADWAY	AMSTERDAM AVE	WEST END AVE	WEST SIDE HWY	TOTAL
12:00am	1,574	266	1,020	720	965	257	600	-	427	437	554	122	1,460	8,402
1:00am	823	123	704	414	630	121	335	-	241	258	336	65	795	4,845
2:00am	520	90	500	324	462	76	222	-	147	186	250	43	529	3,349
3:00am	480	97	436	440	394	60	175	-	106	146	207	38	409	2,988
4:00am	758	162	548	917	484	80	221	-	161	131	265	61	460	4,248
5:00am	1,737	280	815	1,947	674	185	367	-	203	196	489	134	638	7,665
6:00am	3,287	656	1,497	2,318	1,220	521	859	-	374	390	987	383	1,360	13,852
7:00am	3,966	1,035	2,122	2,013	1,854	1,187	1,220	293	664	620	1,213	376	2,312	18,875
8:00am	3,689	1,100	2,217	1,713	1,807	1,287	1,238	386	725	645	1,227	483	2,473	18,990
9:00am	3,357	990	2,015	1,839	1,765	1,187	1,185	436	729	679	1,236	534	2,059	18,011
10:00am	3,008	830	1,849	1,679	1,693	1,124	954	368	741	653	1,206	589	2,078	16,772
11:00am	2,992	780	1,709	1,664	1,523	1,106	917	376	716	605	1,223	505	2,271	16,387
12:00pm	3,126	777	1,723	1,739	1,548	1,127	979	377	760	583	1,224	415	2,406	16,784
1:00pm	3,217	896	1,780	1,733	1,561	1,086	1,072	372	727	685	1,199	379	2,571	17,278
2:00pm	3,576	980	1,879	1,750	1,617	1,170	1,083	468	698	647	1,251	420	3,190	18,729
3:00pm	3,792	960	1,856	1,570	1,497	1,163	1,131	580	706	707	1,332	472	3,687	19,453
4:00pm	3,521	795	2,004	1,685	1,284	1,229	1,056	633	693	692	1,432	484	3,276	18,784
5:00pm	3,599	857	2,156	1,800	1,505	1,317	1,147	695	728	745	1,583	598	3,459	20,189
6:00pm	3,674	896	2,227	1,685	1,675	1,318	1,484	508	797	865	1,578	1,009	3,311	21,027
7:00pm	3,472	855	1,925	1,551	1,726	1,162	1,586	-	839	904	1,438	469	3,411	19,338
8:00pm	3,276	729	1,697	1,454	1,760	1,014	1,456	-	794	757	1,277	333	3,083	17,630
9:00pm	3,082	666	1,636	1,386	1,816	977	1,394	-	821	727	1,266	309	3,232	17,312
10:00pm	2,799	585	1,629	1,467	1,645	861	1,344	-	815	724	1,248	287	3,025	16,429
11:00pm	2,296	440	1,484	1,129	1,469	581	972	-	690	611	1,010	186	2,307	13,175
TOTAL	65,621	15,845	37,428	34,937	32,574	20,196	22,997	5,492	14,302	13,593	25,031	8,694	53,802	350,512

Note: 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 13, 2009). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION E
AUTOS, TAXIS, COMMUTER VANS AND TRUCKS
BY FACILITY, 2009-INBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	1,396	881	1,441	114	3,832	434	1,933	2,367	583	592	1,175	7,374
1:00am	763	609	997	57	2,426	175	1,307	1,482	377	408	785	4,693
2:00am	554	479	779	29	1,841	125	1,085	1,210	258	373	631	3,682
3:00am	579	486	813	36	1,914	162	1,315	1,477	276	464	740	4,131
4:00am	1,143	560	1,209	176	3,088	234	2,345	2,579	507	814	1,321	6,988
5:00am	2,516	1,239	2,347	834	6,936	964	4,306	5,270	1,919	2,510	4,429	16,635
6:00am	3,734	1,953	3,268	2,004	10,959	2,455	6,545	9,000	3,124	4,242	7,366	27,325
7:00am	3,764	2,569	3,316	2,969	12,618	3,432	6,658	10,090	2,903	3,046	5,949	28,657
8:00am	3,558	2,650	2,918	2,802	11,928	4,105	6,097	10,202	2,846	2,627	5,473	27,603
9:00am	3,320	2,288	2,971	2,615	11,194	3,973	4,879	8,852	2,899	3,099	5,998	26,044
10:00am	2,697	1,793	2,679	1,570	8,739	2,858	4,144	7,002	2,408	3,033	5,441	21,182
11:00am	2,647	1,583	2,481	1,482	8,193	2,693	3,707	6,400	2,003	2,844	4,847	19,440
12:00pm	2,665	1,544	2,375	1,410	7,994	2,299	3,928	6,227	1,877	2,366	4,243	18,464
1:00pm	2,772	1,593	2,560	1,381	8,306	2,429	4,116	6,545	1,776	2,265	4,041	18,892
2:00pm	3,193	1,666	2,615	1,547	9,021	2,439	4,448	6,887	1,887	2,050	3,937	19,845
3:00pm	3,150	1,559	2,687	1,522	8,918	2,773	4,262	7,035	2,193	1,926	4,119	20,072
4:00pm	3,342	1,565	2,696	1,302	8,905	2,774	4,057	6,831	2,431	1,285	3,716	19,452
5:00pm	3,652	1,570	2,885	1,425	9,532	3,071	4,450	7,521	2,731	1,171	3,902	20,955
6:00pm	3,426	1,579	2,901	1,093	8,999	2,785	4,233	7,018	2,894	1,430	4,324	20,341
7:00pm	3,242	1,458	2,724	931	8,355	1,903	3,984	5,887	2,261	1,782	4,043	18,285
8:00pm	3,016	1,303	2,485	662	7,466	1,578	3,456	5,034	1,592	1,447	3,039	15,539
9:00pm	3,105	1,333	2,401	530	7,369	1,343	3,152	4,495	1,511	1,395	2,906	14,770
10:00pm	2,996	1,430	2,385	447	7,258	1,173	3,291	4,464	1,581	1,265	2,846	14,568
11:00pm	2,325	1,333	2,205	449	6,312	737	2,810	3,547	1,154	1,059	2,213	12,072
TOTAL	63,555	35,023	56,138	27,387	182,103	46,914	90,508	137,422	43,991	43,493	87,484	407,009

Note: 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 13, 2009). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION E

AUTOS, TAXIS, COMMUTER VANS AND TRUCKS

BY FACILITY, 2009-OUTBOUND

HOURS	BROOKLYN SECTOR					QUEENS SECTOR			NEW JERSEY SECTOR*			TOTAL
	BROOKLYN BRIDGE	MANHATTAN BRIDGE	WILLIAMSBURG BRIDGE	BATTERY TUNNEL	TOTAL	MIDTOWN TUNNEL	QUEENSBORO BRIDGE	TOTAL	HOLLAND TUNNEL	LINCOLN TUNNEL	TOTAL	
12:00am	2,469	1,365	2,196	380	6,410	849	3,810	4,659	741	1,158	1,899	12,968
1:00am	1,339	908	1,356	200	3,803	408	2,359	2,767	542	897	1,439	8,009
2:00am	872	629	993	94	2,588	249	1,646	1,895	388	609	997	5,480
3:00am	636	526	739	63	1,964	187	1,327	1,514	453	483	936	4,414
4:00am	752	650	814	63	2,279	365	1,684	2,049	718	513	1,231	5,559
5:00am	1,217	686	1,143	105	3,151	719	2,347	3,066	1,404	619	2,023	8,240
6:00am	2,222	1,207	1,846	345	5,620	1,286	3,145	4,431	2,351	694	3,045	13,096
7:00am	2,672	1,471	2,083	571	6,797	1,368	3,181	4,549	2,851	886	3,737	15,083
8:00am	2,725	1,604	2,105	707	7,141	1,298	2,790	4,088	2,381	933	3,314	14,543
9:00am	2,614	1,433	1,937	720	6,704	1,286	2,589	3,875	2,069	1,134	3,203	13,782
10:00am	2,400	1,407	2,086	735	6,628	1,472	3,341	4,813	1,959	1,404	3,363	14,804
11:00am	2,399	1,445	2,062	852	6,758	1,626	3,661	5,287	1,940	1,610	3,550	15,595
12:00pm	2,502	1,457	2,193	927	7,079	1,996	3,918	5,914	2,078	1,816	3,894	16,887
1:00pm	2,738	1,531	2,275	1,003	7,547	2,264	4,075	6,339	2,381	2,312	4,693	18,579
2:00pm	3,117	1,570	2,267	1,274	8,228	2,620	4,754	7,374	2,956	2,408	5,364	20,966
3:00pm	3,455	2,144	2,980	1,752	10,331	2,782	5,598	8,380	2,852	2,524	5,376	24,087
4:00pm	3,577	2,457	3,157	2,152	11,343	2,770	5,935	8,705	2,972	2,677	5,649	25,697
5:00pm	3,520	2,495	3,144	2,310	11,469	2,842	5,470	8,312	2,937	3,558	6,495	26,276
6:00pm	3,697	2,286	2,959	2,136	11,078	2,698	4,836	7,534	3,247	3,239	6,486	25,098
7:00pm	3,470	2,064	2,907	1,709	10,150	2,118	4,776	6,894	2,727	3,126	5,853	22,897
8:00pm	3,373	1,989	2,920	1,500	9,782	2,083	4,582	6,665	2,191	2,464	4,655	21,102
9:00pm	3,449	1,877	2,632	1,291	9,249	2,157	4,225	6,382	1,993	2,417	4,410	20,041
10:00pm	3,203	1,904	2,579	1,238	8,924	2,013	4,215	6,228	1,997	2,381	4,378	19,530
11:00pm	3,048	1,744	2,566	926	8,284	1,334	4,353	5,687	1,389	2,107	3,496	17,467
TOTAL	61,466	36,849	51,939	23,053	173,307	38,790	88,617	127,407	47,517	41,969	89,486	390,200

Note: 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 13, 2009). Thus, there may be some variation in this report and the reports produced by NYC DOT.

SECTION F FERRY AND TRAMWAY PASSENGERS BY FACILITY 2009-INBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	UPSTATE NY (HUDSON R.) FERRY	STATEN ISLAND FERRY	ROOSEVELT ISLAND TRAMWAY	TOTAL
12:00am	-	-	8	-	103	16	127
1:00am	-	-	-	-	57	4	61
2:00am	-	-	-	-	29	1	30
3:00am	-	-	-	-	41	-	41
4:00am	-	-	-	-	95	-	95
5:00am	-	-	106	-	325	-	431
6:00am	22	-	1,238	-	1,458	62	2,780
7:00am	-	-	3,344	10	3,302	307	6,963
8:00am	82	19	4,794	33	6,307	553	11,788
9:00am	7	10	2,019	-	6,479	475	8,990
10:00am	-	-	747	-	1,880	129	2,756
11:00am	-	-	670	-	1,762	131	2,563
12:00pm	-	-	489	-	1,772	135	2,396
1:00pm	-	-	341	-	1,979	125	2,445
2:00pm	8	-	294	-	2,116	278	2,696
3:00pm	3	-	299	-	1,774	179	2,255
4:00pm	25	1	360	-	1,300	175	1,861
5:00pm	11	1	659	1	1,563	144	2,379
6:00pm	32	1	495	-	1,269	135	1,932
7:00pm	37	-	236	-	792	71	1,136
8:00pm	-	-	119	-	577	49	745
9:00pm	-	-	35	-	450	52	537
10:00pm	-	-	33	-	340	49	422
11:00pm	-	-	14	-	257	39	310
TOTAL	227	32	16,300	44	36,027	3,109	55,739

2009-OUTBOUND

HOURS	BROOKLYN FERRY	QUEENS FERRY	NEW JERSEY FERRY	UPSTATE NY (HUDSON R.) FERRY	STATEN ISLAND FERRY	ROOSEVELT ISLAND TRAMWAY	TOTAL
12:00am	-	-	12	-	541	34	587
1:00am	-	-	-	-	492	24	516
2:00am	-	-	-	-	251	2	253
3:00am	-	-	-	-	127	-	127
4:00am	-	-	-	-	73	-	73
5:00am	-	-	-	-	78	-	78
6:00am	-	-	66	-	246	19	331
7:00am	-	-	317	-	542	83	942
8:00am	-	3	561	-	701	64	1,329
9:00am	-	2	316	-	747	55	1,120
10:00am	-	-	207	-	1,041	47	1,295
11:00am	-	-	173	-	1,506	118	1,797
12:00pm	-	-	278	-	1,762	87	2,127
1:00pm	-	-	290	-	2,103	124	2,517
2:00pm	58	-	442	-	1,857	100	2,457
3:00pm	17	-	723	-	2,110	276	3,126
4:00pm	37	-	1,600	-	2,879	244	4,760
5:00pm	97	6	3,539	28	4,280	319	8,269
6:00pm	27	12	2,858	13	5,825	490	9,225
7:00pm	4	-	1,568	-	3,523	362	5,457
8:00pm	-	-	651	-	2,575	270	3,496
9:00pm	-	-	549	-	1,612	183	2,344
10:00pm	-	-	477	-	1,228	105	1,810
11:00pm	-	-	172	-	1,020	85	1,277
TOTAL	240	23	14,799	41	37,119	3,091	55,313

SECTION G
BICYCLE VOLUMES BY SECTOR
SUMMARY, 2009-INBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	S. I. SECTOR ABOARD FERRY	TOTAL
12:00am	-	-	-	-	-
1:00am	-	-	-	-	-
2:00am	-	-	-	-	-
3:00am	-	-	-	-	-
4:00am	-	-	-	-	-
5:00am	-	-	-	-	-
6:00am	343	139	73	12	567
7:00am	614	366	154	17	1,151
8:00am	658	864	223	18	1,763
9:00am	590	1,044	170	13	1,817
10:00am	544	612	154	13	1,323
11:00am	862	401	106	8	1,377
12:00pm	943	298	67	13	1,321
1:00pm	921	314	65	15	1,315
2:00pm	815	333	103	11	1,262
3:00pm	772	346	97	11	1,226
4:00pm	840	337	141	14	1,332
5:00pm	984	343	140	13	1,480
6:00pm	1,037	308	100	21	1,466
7:00pm	1,151	262	65	14	1,492
8:00pm	943	184	60	10	1,197
9:00pm	637	126	43	11	817
10:00pm	443	111	32	7	593
11:00pm	197	74	17	5	293
TOTAL	13,294	6,462	1,810	226	21,792

SUMMARY, 2009-OUTBOUND

HOURS	60TH STREET SECTOR	BROOKLYN SECTOR	QUEENS SECTOR	S. I. SECTOR ABOARD FERRY	TOTAL
12:00a	-	-	-	-	-
1:00am	-	-	-	-	-
2:00am	-	-	-	-	-
3:00am	-	-	-	-	-
4:00am	-	-	-	-	-
5:00am	-	-	-	-	-
6:00am	241	33	2	11	287
7:00am	418	86	23	16	543
8:00am	534	97	24	16	671
9:00am	484	113	28	11	636
10:00a	498	129	32	10	669
11:00a	731	105	20	6	862
12:00p	904	194	42	4	1,144
1:00pm	813	239	44	6	1,102
2:00pm	813	253	98	11	1,175
3:00pm	795	311	127	11	1,244
4:00pm	940	504	214	19	1,677
5:00pm	1,121	753	184	28	2,086
6:00pm	1,247	835	200	27	2,309
7:00pm	1,243	667	138	20	2,068
8:00pm	949	458	127	12	1,546
9:00pm	572	321	81	8	982
10:00p	453	300	76	9	838
11:00p	191	163	46	7	407
TOTAL	12,947	5,561	1,506	232	20,246

SECTION G
BICYCLE VOLUMES BY FACILITY
60TH STREET SECTOR, 2009-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 GREENWAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	3	53	4	13	6	-	34	4	18	19	-	19	-	3	-	167	343
7:00am	1	53	3	10	16	-	40	3	29	30	4	39	-	7	3	376	614
8:00am	3	59	4	22	19	-	68	2	30	62	2	44	1	7	3	332	658
9:00am	3	68	8	39	26	1	73	2	38	55	2	52	4	7	12	200	590
10:00am	9	67	6	36	35	-	77	5	36	43	6	69	1	14	5	135	544
11:00am	6	104	11	76	49	8	122	3	59	86	18	101	6	20	5	188	862
12:00pm	3	116	21	108	46	16	139	17	72	87	12	109	9	34	6	148	943
1:00pm	1	74	17	95	54	2	143	17	79	83	14	114	16	34	3	175	921
2:00pm	5	56	13	77	33	4	101	20	72	79	13	127	8	22	5	180	815
3:00pm	6	74	17	62	42	15	95	15	61	47	17	119	6	26	2	168	772
4:00pm	8	78	21	66	60	8	72	15	64	81	12	135	10	23	4	183	840
5:00pm	5	94	8	74	38	3	80	14	76	97	11	130	14	29	8	303	984
6:00pm	10	114	2	103	79	2	80	7	83	75	20	133	17	20	7	285	1,037
7:00pm	23	147	14	121	89	3	85	27	89	84	23	174	29	20	6	217	1,151
8:00pm	7	121	13	89	68	2	58	37	88	62	22	198	29	20	6	123	943
9:00pm	6	83	8	59	38	2	36	9	61	46	16	158	27	13	4	71	637
10:00pm	4	58	-	24	20	2	10	30	43	40	9	120	27	4	1	51	443
11:00pm	1	24	1	13	11	1	13	7	20	18	7	54	4	3	-	20	197
TOTAL	104	1,443	171	1,087	729	69	1,326	234	1,018	1,094	208	1,895	208	306	80	3,322	13,294

SECTION G
BICYCLE VOLUMES BY LOCATION
60TH STREET SECTOR, 2009-OUTBOUND

HOURS	1ST AVE	2ND AVE	3RD AVE	LEX. AVE	PARK AVE	MADISON AVE	5TH AVE	6TH AVE	7TH AVE	B'WAY	8TH AVE	9TH AVE	10TH AVE	11TH AVE	12TH AVE	HUDSON RIVER GREENWAY	TOTAL
12:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6:00am	11	5	31	-	4	3	3	22	-	2	22	1	9	3	-	125	241
7:00am	22	4	45	1	6	13	1	37	1	5	23	4	10	8	1	237	418
8:00am	39	3	47	1	16	13	-	63	1	3	34	3	29	7	5	270	534
9:00am	39	3	65	1	20	16	1	66	-	7	44	5	24	10	-	183	484
10:00am	51	1	55	1	21	43	1	74	1	3	71	20	27	12	3	114	498
11:00am	57	7	73	1	35	124	9	87	4	12	93	24	27	26	1	151	731
12:00pm	62	7	105	6	65	142	10	120	10	5	117	26	37	24	2	166	904
1:00pm	59	8	99	6	41	117	10	105	8	6	114	22	46	26	2	144	813
2:00pm	40	8	105	8	27	92	6	117	4	2	100	24	45	22	3	210	813
3:00pm	42	12	101	1	32	80	2	134	3	3	99	25	34	16	2	209	795
4:00pm	52	6	108	2	37	110	4	128	5	7	115	18	56	21	-	271	940
5:00pm	69	9	115	1	44	92	8	153	1	2	132	19	58	35	3	380	1,121
6:00pm	85	20	121	4	57	78	2	156	4	14	153	23	67	29	2	432	1,247
7:00pm	97	22	134	9	83	76	4	178	7	26	158	33	65	18	2	331	1,243
8:00pm	70	19	113	5	79	59	2	191	7	11	105	42	61	20	2	163	949
9:00pm	43	6	62	3	38	29	3	80	11	7	76	49	64	11	2	88	572
10:00pm	21	3	91	1	13	24	3	68	6	7	58	50	28	11	-	69	453
11:00pm	14	5	14	-	5	17	1	29	1	6	38	8	19	4	-	30	191
TOTAL	873	148	1,484	51	623	1,128	70	1,808	74	128	1,552	396	706	303	30	3,573	12,947

SECTION G BICYCLE VOLUMES BY LOCATION, CONT'D 2009-INBOUND

HOURS	BROOKLYN				QUEENS	STATEN I.	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	TOTAL	QUEENSBORO BRIDGE	ABOARD FERRY	
12:00 am	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-
6:00am	64	22	53	139	73	12	224
7:00am	141	113	112	366	154	17	537
8:00am	344	281	239	864	223	18	1,105
9:00am	412	290	342	1,044	170	13	1,227
10:00am	363	111	138	612	154	13	779
11:00am	228	59	114	401	106	8	515
12:00pm	155	53	90	298	67	13	378
1:00pm	184	42	88	314	65	15	394
2:00pm	160	66	107	333	103	11	447
3:00pm	190	79	77	346	97	11	454
4:00pm	170	64	103	337	141	14	492
5:00pm	139	86	118	343	140	13	496
6:00pm	125	51	132	308	100	21	429
7:00pm	120	51	91	262	65	14	341
8:00pm	110	16	58	184	60	10	254
9:00pm	72	10	44	126	43	11	180
10:00pm	60	4	47	111	32	7	150
11:00pm	41	3	30	74	17	5	96
TOTAL	3,078	1,401	1,983	6,462	1,810	226	8,498

2009-OUTBOUND

HOURS	BROOKLYN				QUEENS	STATEN I.	TOTAL
	WILLIAMSBURG BRIDGE	BROOKLYN BRIDGE	MANHATTAN BRIDGE	TOTAL	QUEENSBORO BRIDGE	ABOARD FERRY	
12:00 am	-	-	-	-	-	-	-
1:00am	-	-	-	-	-	-	-
2:00am	-	-	-	-	-	-	-
3:00am	-	-	-	-	-	-	-
4:00am	-	-	-	-	-	-	-
5:00am	-	-	-	-	-	-	-
6:00am	16	2	15	33	2	11	46
7:00am	42	20	24	86	23	16	125
8:00am	35	34	28	97	24	16	137
9:00am	59	28	26	113	28	11	152
10:00am	73	31	25	129	32	10	171
11:00am	57	27	21	105	20	6	131
12:00pm	88	36	70	194	42	4	240
1:00pm	111	64	64	239	44	6	289
2:00pm	117	60	76	253	98	11	362
3:00pm	164	55	92	311	127	11	449
4:00pm	274	116	114	504	214	19	737
5:00pm	314	208	231	753	184	28	965
6:00pm	385	198	252	835	200	27	1,062
7:00pm	326	133	208	667	138	20	825
8:00pm	210	84	164	458	127	12	597
9:00pm	163	53	105	321	81	8	410
10:00pm	154	56	90	300	76	9	385
11:00pm	79	27	57	163	46	7	216
TOTAL	2,667	1,232	1,662	5,561	1,506	232	7,299

Appendix IV

List of Data Sources - 2009

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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 month. This report would be impossible 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) traffic checker at every one or two subway cars for each cordon location
- Port Authority Trans Hudson (PATH) turnstile entrance and exit registration.

Bus Transit

This information is generated from:

- MTA New York City Transit
- MTA Bus Company
- Port Authority of New York & New Jersey (PANYNJ) volumes
- New York City Department of Transportation (NYCDOT)

Suburban Rail Transit

This information is generated from:

- MTA Long Island Rail Road (MTA LIRR) - data from on-board passenger counts
- New Jersey Transit Corporation (NJ Transit) conductor on/off enumeration of passengers at Penn Station, New York
- MTA Metro-North Railroad Planning Department exit/entrance counts at Grand Central Terminal
- National Railroad Passenger Corporation (AMTRAK) train counts at Penn Station and Grand Central Terminal.

Ferry Transit

This information is generated from:

- For the Staten Island Ferry - NYC DOT Bureau of Ferry and General Aviation turnstile registration and motor vehicle
- For private ferry ridership – NYCDOT Office of Ferry Planning.

Aerial Tramway

Roosevelt Island Operating Corporation of the State of New York is the owner of this tramway. Roosevelt Island Tramway provides turnstile and gate volumes.

Bicycle

NYCDOT bicycle counts on a typical fall weekday at bridge crossings and 50th Street ScreenLines.

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.

