

REGIONAL TRANSPORTATION STATISTICAL REPORT

2015

New York Metropolitan Transportation Council



June, 2017

ACKNOWLEDGEMENTS

The New York Metropolitan Transportation Council (NYMTC) wishes to thank the following agencies for making this report possible:

- Federal Transit Administration
- New York State Department of Motor Vehicles
- New York City Department of Transportation
- New York State Department of Transportation
- Metropolitan Transportation Authority Bridges and Tunnels
- Port Authority of New York and New Jersey
- New York State Thruway Authority
- US Census Bureau
- Institute for Traffic Safety Management and Research
- Westchester County
- Town of Islip- Department of Aviation & Transportation
- U.S. Bureau of Labor Statistics
- Bureau of Economic Analysis, US Department of Commerce
- R.L Polk

Data Monitoring and Analysis Unit

Analyst: Yun Hai Zhang

Supervisors: Leokadia Glogowski
Munnesh Patel

Data year: 2005-2015

Date of publication: 08/2017

Regional Transportation Statistical Report 2015
New York Metropolitan Transportation Council
(NYMTC), August 2017

Disclaimer:

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

About NYMTC:

The New York Metropolitan Transportation Council (NYMTC) is a regional council of governments that is the metropolitan planning organization for New York City, Long Island and the lower Hudson Valley. NYMTC provides a collaborative planning forum to address transportation-related issues, develop regional plans and make decisions on the use of federal transportation funds.

The New York Metropolitan Transportation Council (NYMTC) hereby gives public notice that it is the policy of the Council to assure full compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 on Environmental Justice, and related statutes and regulations in all programs and activities. Title VI requires, and it is our policy, that no person in the United States of America shall, on the grounds of race, color, national origin, sex, age, or disability be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which NYMTC receives federal financial assistance.

Any person who believes they have been aggrieved by an unlawful discriminatory practice under Title VI has a right to file a formal complaint. Any such complaint must be filed in writing or in person with NYMTC's Title VI Officer within one hundred eighty (180) days from the date of the alleged discriminatory act or upon notice of the discriminatory act. Title VI discrimination complaint forms may be obtained from the NYMTC website: www.nymtc.org or by calling **212-383-7200**.

If information is needed in another language, contact **212-383-7200**.

This page is intentionally left blank

TABLE OF CONTENTS

INTRODUCTION	1
SUMMARY	2
A. PUBLIC TRANSIT	3
A1. UNLINKED PASSENGER TRIPS	4
A1.1 PUBLIC TRANSIT TYPE AND UNLINKED PASSENGER TRIPS	4
A1.2 REGIONAL PUBLIC TRANSIT CATEGORIES AND UNLINKED PASSENGER TRIPS	5
A1.3 REGIONAL TOTAL UNLINKED PASSENGER TRIPS AND NATIONAL TOTAL	7
A2. PUBLIC TRANSIT FINANCE	8
A2.1 VEHICLES AVAILABLE FOR MAXIMUM SERVICE	8
A2.2 PUBLIC TRANSPORTATION OPERATING EXPENSE, FARE REVENUE AND DEFICIT	9
A2.3 FARE BOX RECOVERY RATIO	9
B. MOTOR VEHICLES AND RIVER CROSSING	10
B1. REGISTERED MOTOR VEHICLES	10
B1.1 MOTOR VEHICLE REGISTRATION TYPE	11
B1.2 PASSENGER VEHICLES PER 100 POPULATION	11
B2. RIVER CROSSING	12
B2.2 MAJOR RIVER CROSSING ANNUAL AVERAGE DAILY TRAFFIC	13
B2.3 2015 TRUCK RIVER CROSSING	14
C. COMMUTING	15
C1. 2015 MEANS OF TRANSPORTATION TO WORK IN NYMTC 10 COUNTIES	15
C2. NUMBER OF VEHICLES AVAILABLE IN FAMILY	17
C2.1 NUMBER OF VEHICLE AVAILABLE IN FAMILY IN NEW YORK CITY	17
C2.2 NUMBER OF VEHICLE AVAILABLE IN FAMILY IN NEW YORK SUBURBAN AREA	17
D. SAFETY	18
D1. MOTOR VEHICLE CRASH	18
D1.1 MOTOR VEHICLE CRASH SEVERITY	18
D1.2 MOTOR VEHICLE CRASH AND CONTRIBUTING FACTORS	20
D1.3 MOTOR VEHICLE CRASH AND GENDER	21
D2. PEDESTRIAN CRASH	22
D2.1 FATAL PEDESTRIAN CRASH	22
D3. BICYCLE CRASH	22
D3.1 BICYCLE/MOTOR VEHICLE CRASH	22

E. AIRPORTS **23**

E1. NUMBER OF FLIGHTS	23
E2. NUMBER OF PASSENGERS	23
E3. CARGO TONNAGE	24

F. SOCIOECONOMIC AND DEMOGRAPHIC DATA **23**

F1. EMPLOYMENT	25
F1.1 TOTAL CIVILIAN LABOR FORCE	25
F1.2 UNEMPLOYED CIVILIAN LABOR FORCE	26
F1.3 UNEMPLOYMENT RATE	27
F2. POPULATION	27
F3. PUBLIC SCHOOL ENROLLMENT	29
F4. INFLATION	30
F4.1 INFLATION RATE- ALL URBAN CONSUMERS	30
F4.2 INFLATION RATE- PRIVATE TRANSPORTATION	30
F5. GROSS DOMESTIC PRODUCT	31
F5.1 GROSS DOMESTIC PRODUCT FOR NEW YORK-NEWARK-JERSEY CITY AREA	31
F5.2 GDP GROWTH RATE FOR NEW YORK- NEWARK- JERSEY CITY AREA	31

APPENDIX A PUBLIC TRANSIT **33**

TABLE A-1 ANNUAL PUBLIC TRANSIT UNLINKED TRIPS IN STUDY REGION	34
TABLE A-2 ANNUAL PUBLIC TRANSIT AVERAGE WEEKDAY UNLINKED TRIPS	35
TABLE A-3 ANNUAL PUBLIC TRANSIT VEHICLE-MILES TRAVELED	36
TABLE A-4 ANNUAL PUBLIC TRANSIT PASSENGER- MILES TRAVELED	37
TABLE A-5 ANNUAL PUBLIC TRANSIT OPERATING REVENUE	38
TABLE A-6 ANNUAL PUBLIC TRANSIT PASSENGER REVENUE	39
TABLE A-7 ANNUAL PUBLIC TRANSIT OPERATING EXPENSE	40
TABLE A-8 ANNUAL PUBLIC TRANSIT DEFICIT OR SURPLUS	41
TABLE A-9 PUBLIC TRANSIT FLEET CHARACTERISTICS	42
TABLE A-10 2015 REGIONAL BUS AND RAIL EQUIPMENT CHARACTERISTICS	43
TABLE A-11 ANNUAL PUBLIC TRANSIT FARE BOX RECOVERY RATIO	44

APPENDIX B MOTOR VEHICLE AND RIVER CROSSING **45**

TABLE B-1 REGISTERED VEHICLES BY COUNTY	46
TABLE B-2 REGISTERED PASSENGER VEHICLES BY COUNTY	47
TABLE B-3 PASSENGER VEHICLES REGISTRATION PER 100 POPULATION	48
TABLE B-4 2015 ANNUAL MOTOR VEHICLE REGISTRATION IN NEW YORK COUNTIES	49
TABLE B-5 NUMBER OF VEHICLES IN FAMILY 2015	50
TABLE B-6 MAJOR VEHICULAR RIVER CROSSINGS DAILY TRAFFIC	51
TABLE B-7 2015 MAJOR RIVER CROSSINGS DAILY TRUCK TRAFFIC	52
TABLE B-8 ANNUAL AVERAGE DAILY TRAFFICS FOR NYCDOT MONITORED BRIDGES	53

APPENDIX C COMMUTING

55

TABLE C-1 SHARE OF TOTAL CBD ENTRIES BY MODE FOR MORNING PEAK HOUR	56
TABLE C-2 TOTAL PEOPLE ENTERING THE CBD DURING PEAK HOURS AND CBD EMPLOYMENT	57
TABLE C-3 COMMUTING TO WORK BY MODE	58

APPENDIX D SAFETY

59

TABLE D-1 MOTOR VEHICLE CRASHES RESULTING IN FATALITIES IN NEW YORK COUNTIES	60
TABLE D-2 TOTAL MOTOR VEHICLE CRASHES IN NEW YORK COUNTIES	61
TABLE D-3 MOTOR VEHICLE CRASH INJURIES IN NEW YORK COUNTIES	62
TABLE D-4 MOTOR VEHICLE CRASH PROPERTY DAMAGE IN NEW YORK COUNTIES	63
TABLE D-5 MOTOR VEHICLE CRASH BY CONTRIBUTING HUMAN FACTORS	64
TABLE D-6 MOTOR VEHICLE CRASH BY CONTRIBUTING VEHICULAR FACTORS	65
TABLE D-7 MOTOR VEHICLE CRASH BY CONTRIBUTING ENVIRONMENTAL FACTORS	66
TABLE D-8 VEHICLE CRASHES WITH ALCOHOL INVOLVEMENT	67
TABLE D-9 TOTAL PEDESTRIAN FATALITIES IN VEHICLE/ PEDESTRIAN CRASHES	68
TABLE D-10 NUMBER OF FEMALE DRIVERS INVOLVED IN CRASH	69
TABLE D-11 NUMBER OF MALE DRIVERS INVOLVED IN CRASH	70
TABLE D-12 TOTAL BICYCLISTS KILLED OR INJURED	71

APPENDIX E AIRPORTS

73

TABLE E ANNUAL MAJOR AIRPORTS ACTIVITIES	74
--	----

APPENDIX F SOCIOECONOMIC AND DEMOGRAPHIC DATA

75

TABLE F-1 TOTAL EMPLOYED CIVILIAN LABOR FORCE	76
TABLE F-2 TOTAL CIVILIAN LABOR FORCE	77
TABLE F-3 TOTAL UNEMPLOYED CIVILIAN LABOR FORCE	78
TABLE F-4 UNEMPLOYMENT RATE	79
TABLE F-5 POPULATION	80
TABLE F-6 PUBLIC SCHOOL ENROLLMENT	81
TABLE F-7 INFLATION RATE ALL URBAN CONSUMER	82
TABLE F-8 GROSS DOMESTIC PRODUCT FOR NEW YORK- NEWARK- JERSEY CITY AREA	83

This page is intentionally left blank

Introduction

New York Metropolitan Transportation Council (NYMTC) is the Metropolitan Planning Organization (MPO) for New York City, Long Island and the lower Hudson Valley. NYMTC provides a collaborative planning forum to address transportation-related issues, develop regional plans and make decisions on the use of federal transportation funds for its planning area. To be eligible for these funds, NYMTC undertakes a transportation planning process specified in federal regulations. NYMTC is comprised of nine voting members and seven advisory members who develop plans, goals and a shared vision for the region's transportation network.

The NYMTC planning area covers 2,440 square miles and includes a population of 12.4 million, which was approximately 64% of New York State's population, based on the 2010 Census.

This report contains data for 24 counties in the Tri-State area, including 10 NYMTC counties and 2 more counties in New York, 9 counties from Northeastern New Jersey, and 3 counties from Western Connecticut.

New York

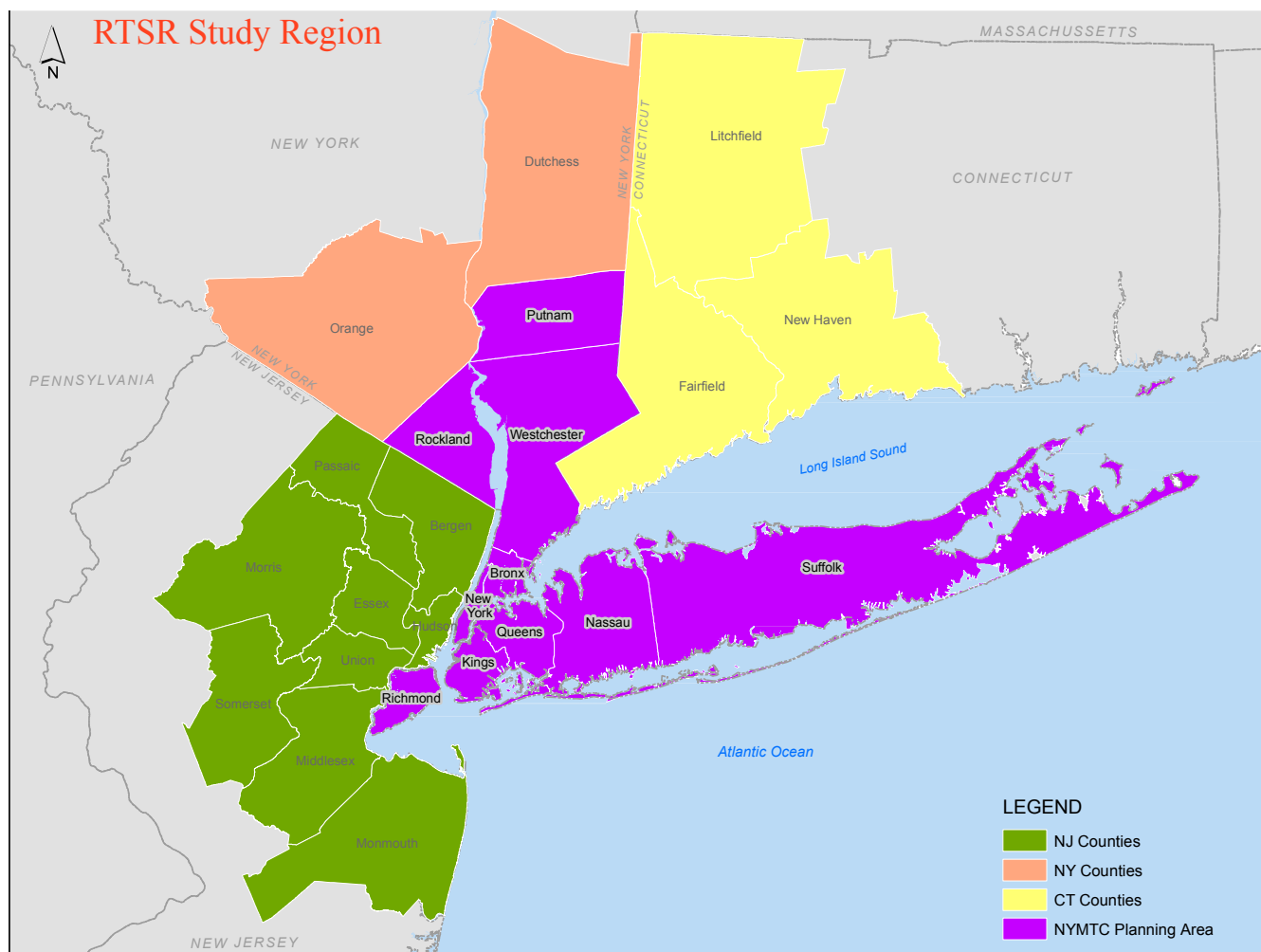
Dutchess
Nassau
Orange
Putnam
Rockland
Suffolk
Westchester
New York City

New Jersey

Bergen
Essex
Hudson
Middlesex
Monmouth
Morris
Passaic
Somerset
Union

Connecticut

Fairfield
Litchfield
New Haven

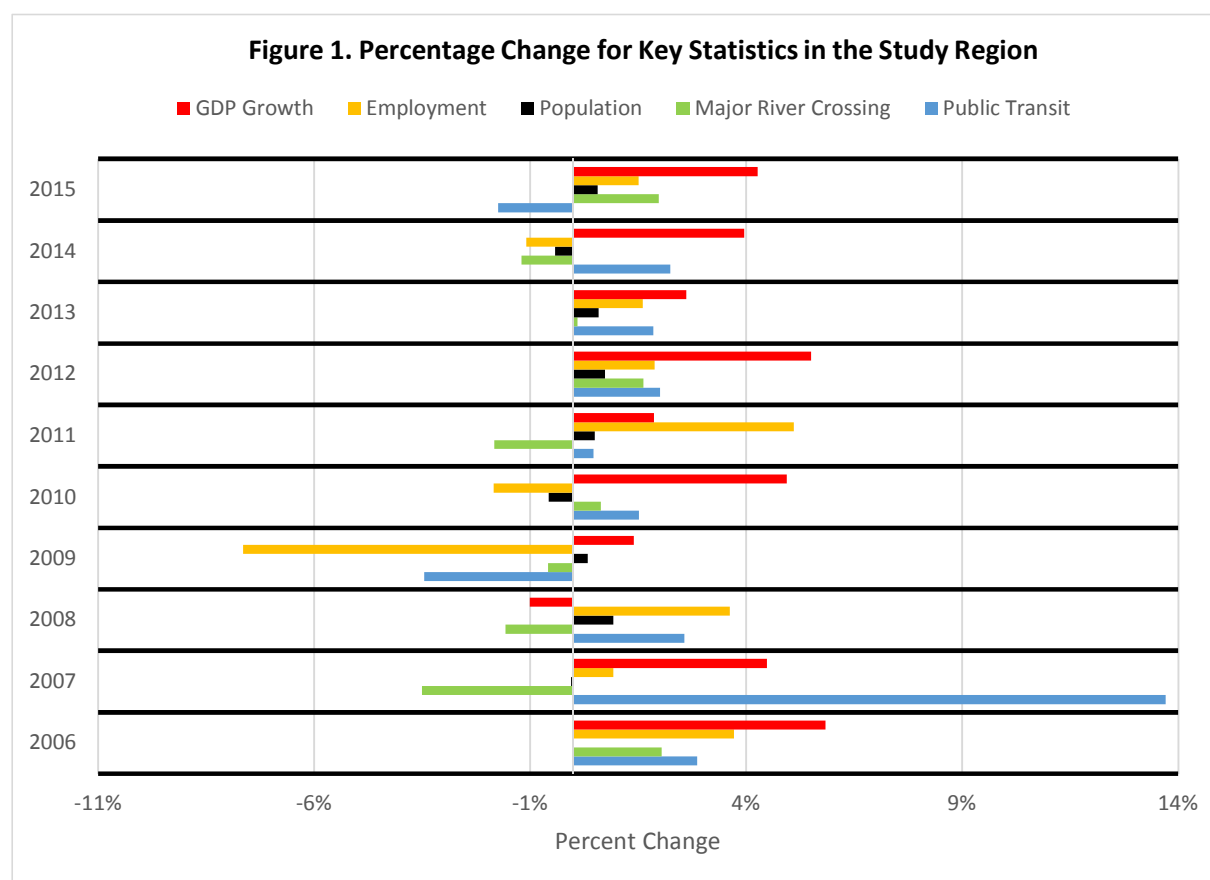


Summary

Socioeconomic and demographic factors affect many aspects of transportation demand. Transportation demand and mode choice is influenced by accessibility, employment, population growth and economic growth. For instance, while there were increases in employment (1.51%), gross domestic product (4.27%) and population (0.56%) in NYMTC's study region, public transit trips decreased by 1.47% and traffic volume for bridge crossings increased by nearly 2% in 2015 when compared to the prior year (Figure 1).

This report presents many key statistics for the study region, which measure the region's performance toward achieving the mobility and safety goals of the Regional Transportation Plan (RTP). The report contains data for the study region in six different major categories:

- A. Public Transit
- B. Motor Vehicle and River Crossing
- C. Commuting
- D. Safety
- E. Airports
- F. Socioeconomic and Demographic data



Source: National Transit Database- Federal Transit Administration
 New York City Department of Transportation,
 Port Authority of New York and New Jersey, Metropolitan Transportation
 Authority Bridges and Tunnels, New York State Department of Transportation
 Bureau of Economic Analysis, US Department of Commerce
 American Community Survey- US Census Bureau

Regional Goal: Mobility

The Regional Transportation Plan Goal: Provide Convenient, Flexible Transportation Access within the Region

NYMTC's members provide mobility and transportation options to maximize individuals' opportunities to participate in society, regardless of income level, residence, access to transit, age, or ability. NYMTC's members also must provide for the efficient movement of freight to, from and through the region.

NYMTC hopes to achieve the following outcomes by working towards this goal.

These efforts include:

- A sufficient array of transportation choices;
- Expanded connections, particularly across modes and between communities;
- Increased reliability for passenger and freight trips; and
- Increased transit ridership.

A. Public Transportation

The New York-New Jersey-Connecticut region is heavily transit-dependent, with a variety of public transportation systems operating in its different sectors. During 2015, transit services in the NY-NJ-CT region covered rail rapid transit (subway), suburban rail, bus, and ferry. In this report, all the public transit agencies are categorized by mode and locations within the study region. These categories are:

NYC Bus: MTA NYC Transit, MTA Bus Company.

NYC Suburban Bus: Nassau Inter County Express, City of Long Beach, Huntington Area Regional Transit, Suffolk County Department of Public Works, Westchester County Bee-line System, Transport of Rockland, Dutchess County Division of Transportation, Clarkston Mini-Trans, Putnam County Transit, Village of Spring Valley, Rockland Coach, City of Poughkeepsie.

NYC Rapid Rail: MTA NYC Transit, Staten Island Rapid Transit Operating Authority.

NY Suburban Rail (Commuter Rail): Metro North Commuter Railroad Company, MTA Long Island Rail Road.

NY-NJ Ferries: New York City Department of Transportation (Staten Island Ferry), Private Ferries.

NJ Transit Bus: New Jersey Transit.

NJ Independent Bus: Community Transit, Lakeland Bus Line, Academy Lines, NJ Transit Corporation- 45, Hudson Transit Lines, Decamp Bus Line, Suburban Transit Corporation, Olympia Trails Bus Company, Orange- Newark- Elizabeth, Trans- Bridge Lines.

NJ Rapid Rail: Port Authority Trans-Hudson Corporation, New Jersey Transit Corporation (Light Rail and Hybrid Rail).

NJ Suburban Rail: New Jersey Transit Corporation.

CT Transit Bus: Connecticut Department of Transportation Stamford Division, Connecticut Department of Transportation New Haven Division.

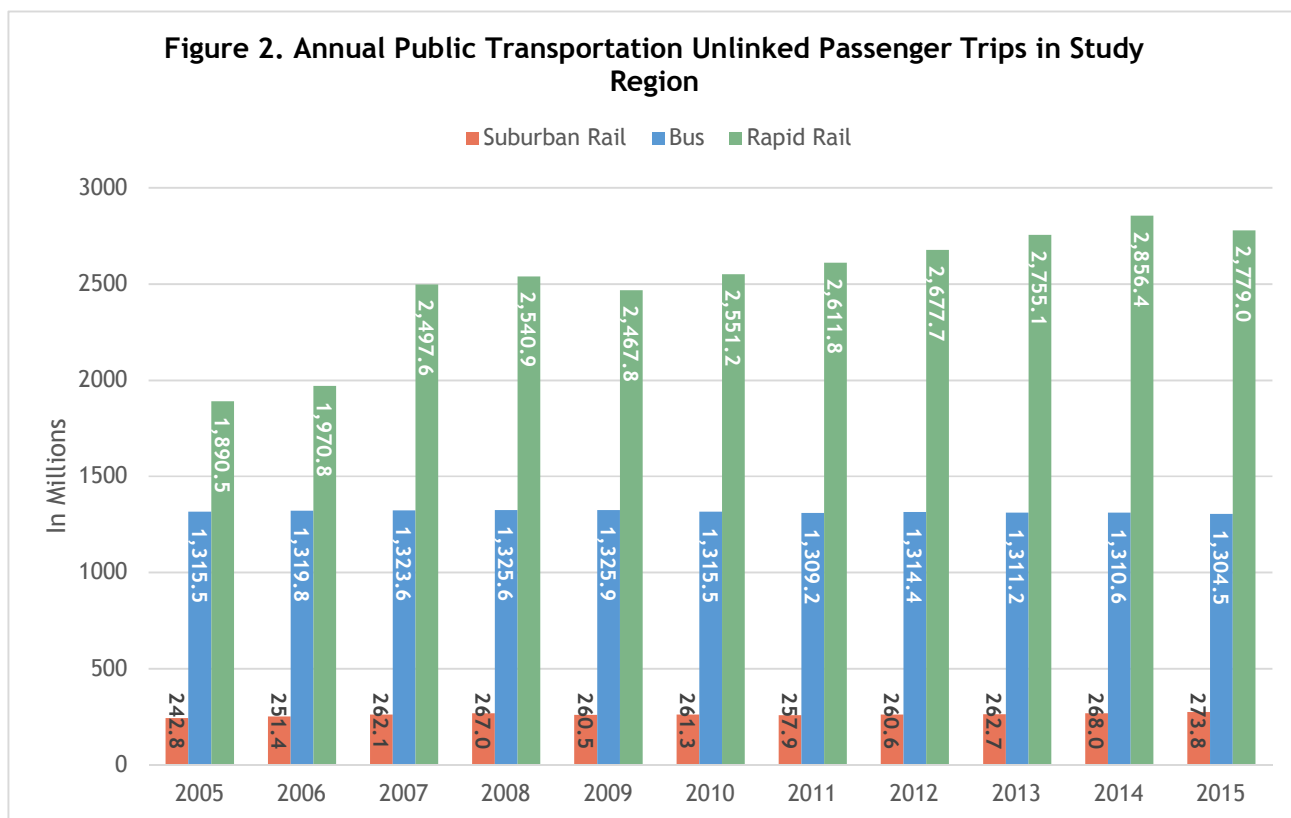
CT Private Bus: Norwalk Transit District, Greater Bridgeport Transit Authority, Housatonic Area Regional Transit, Milford Transit District.

A1. Unlinked Passenger Trips

To examine the public transit ridership historic trends for the past decade, the data “unlinked passenger trips” is collected from National Transit Database (NTD) of the Federal Transit Administration (FTA). All the transit agencies need to report unlinked passenger trips data to the FTA annually.

Unlinked Passenger Trips: The number of passengers who board public transportation vehicles. Passengers are counted each time they board vehicles no matter how many vehicles they use to travel from their origin to their destination.

A1.1 Public Transportation Type and Unlinked Passenger Trips



Source: National Transit Database- Federal Transit Administration

A1.2 Regional Public Transportation Categories and Unlinked Passenger Trips

Figure 3. Annual NYC Subway Unlinked Passenger Trips

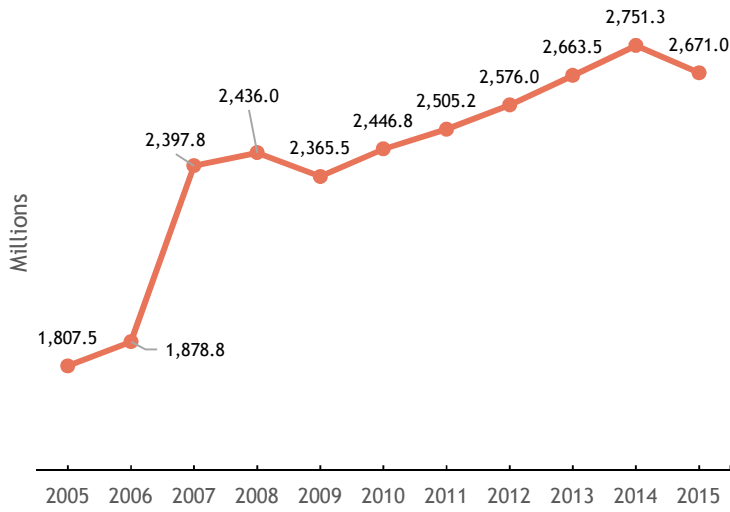


Figure 4. Annual PATH Unlinked Passenger Trips

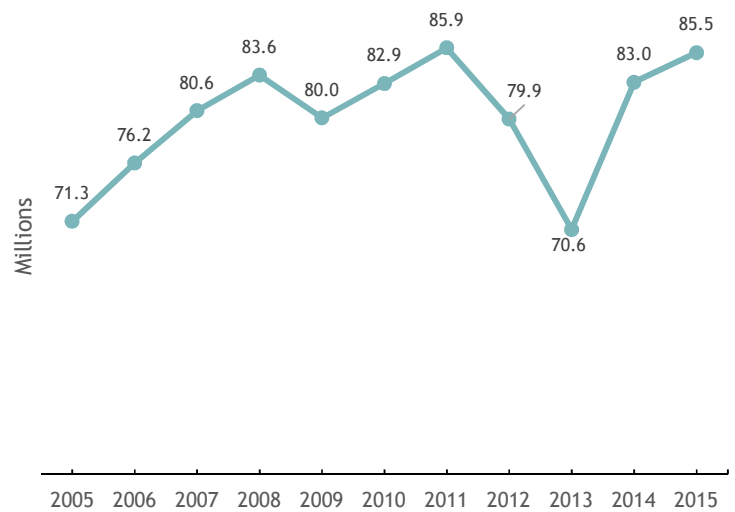


Figure 5. Annual Long Island Rail Road Unlinked Trips

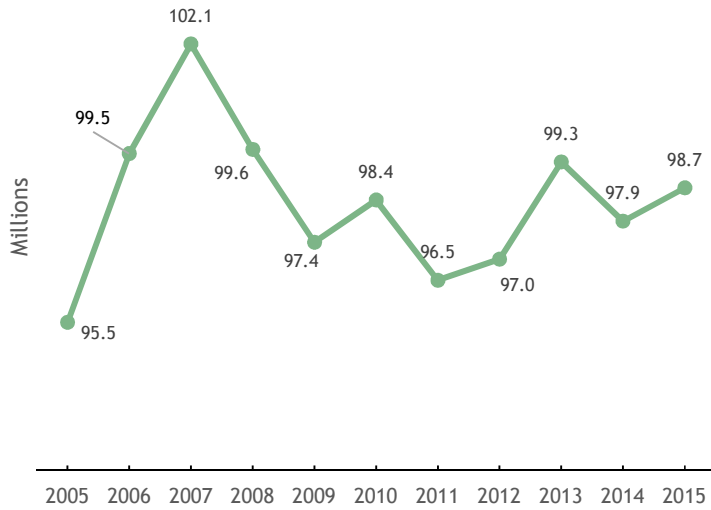


Figure 6. Annual Metro North Rail Road Unlinked Passenger Trips

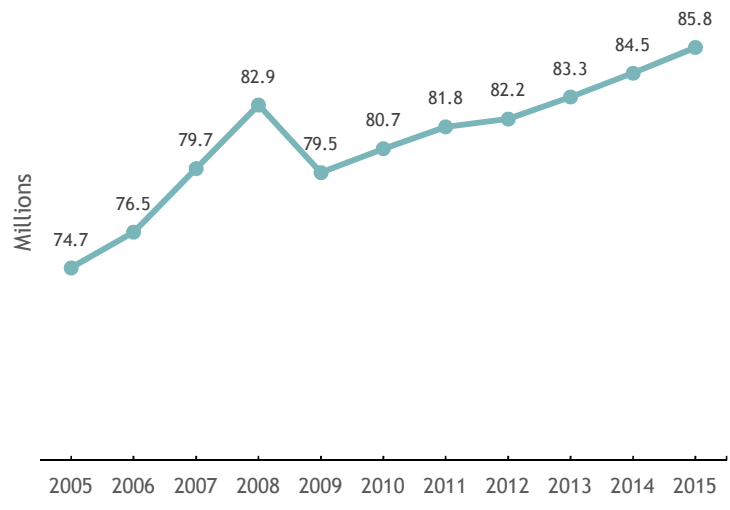


Figure 7. Annual New Jersey Transit Suburban Rail Unlinked Passenger Trips

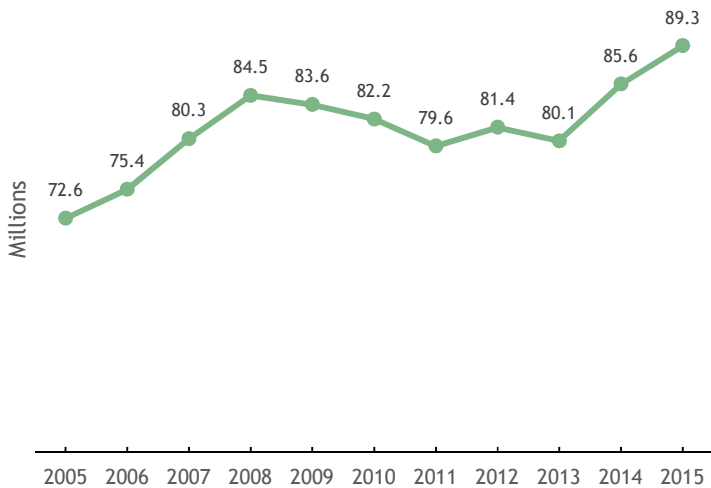


Figure 8. Annual NYC Bus Unlinked Trips

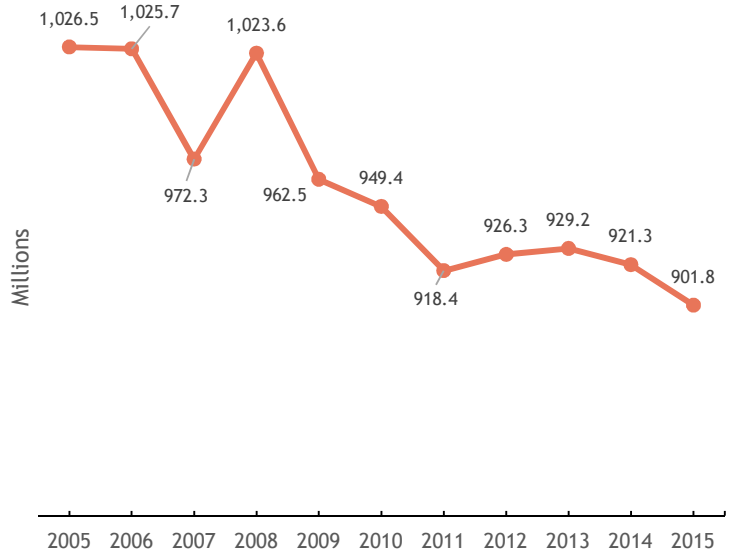


Figure 9. Annual Long Island Bus Unlinked Passenger Trips

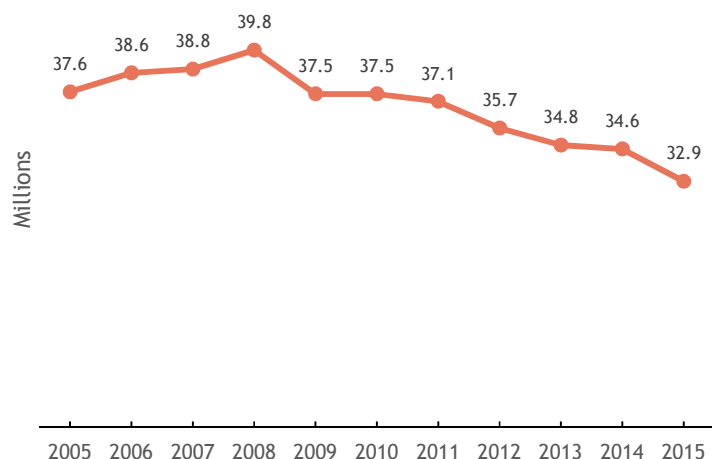


Figure 10. Annual Westchester County Bus Unlinked Passenger Trips

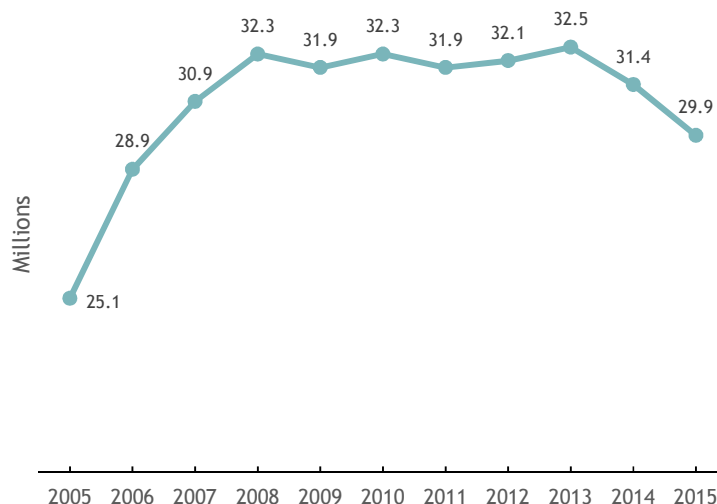


Figure 11. Annual New York Suburban Bus Unlinked Passenger Trips

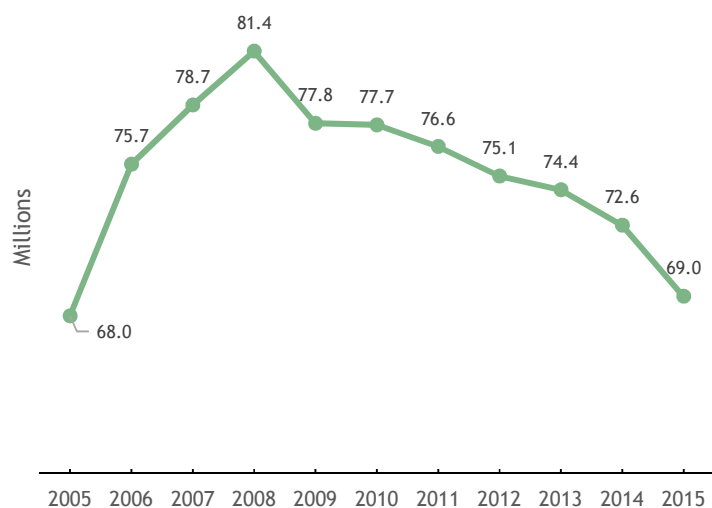


Figure 12. Annual New Jersey Transit Bus Unlinked Passenger Trips

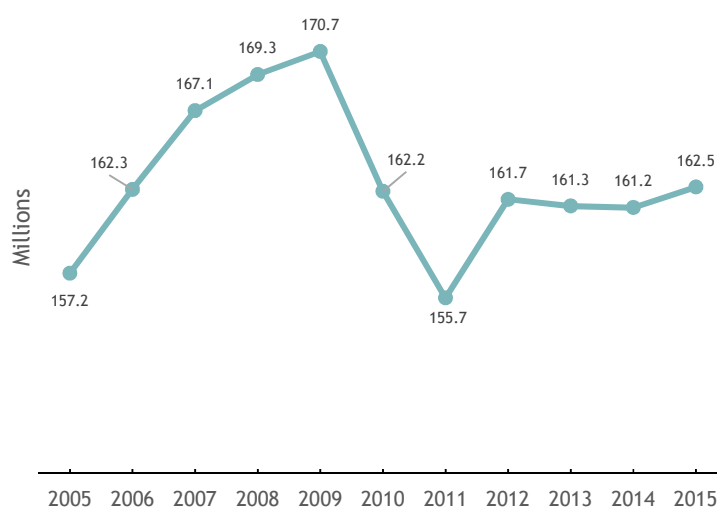


Figure 13. Annual New Jersey Bus Independent Operators Unlinked Passenger Trips

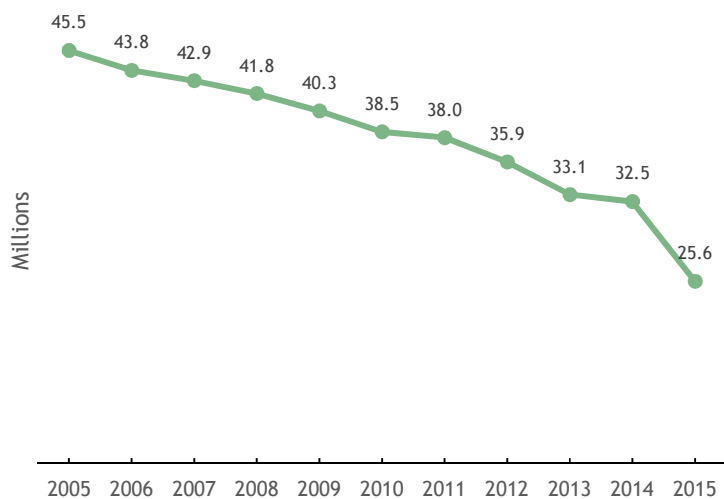


Figure 14. Annual Staten Island Ferry Unlinked Passenger Trips

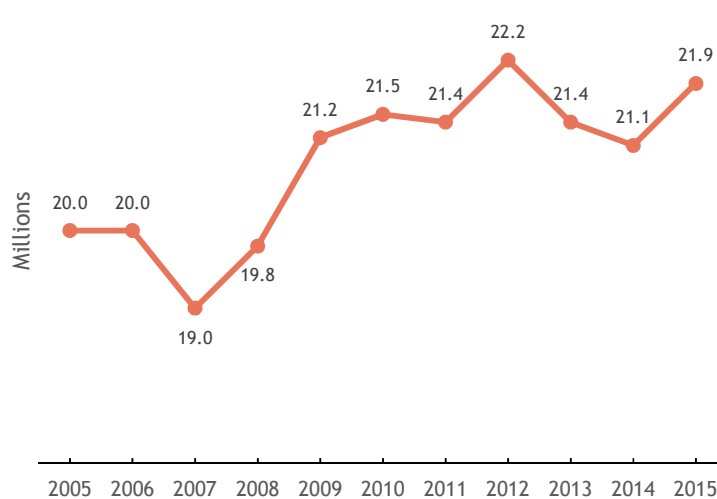


Figure 15. Annual Private Ferry Unlinked Passenger Trips

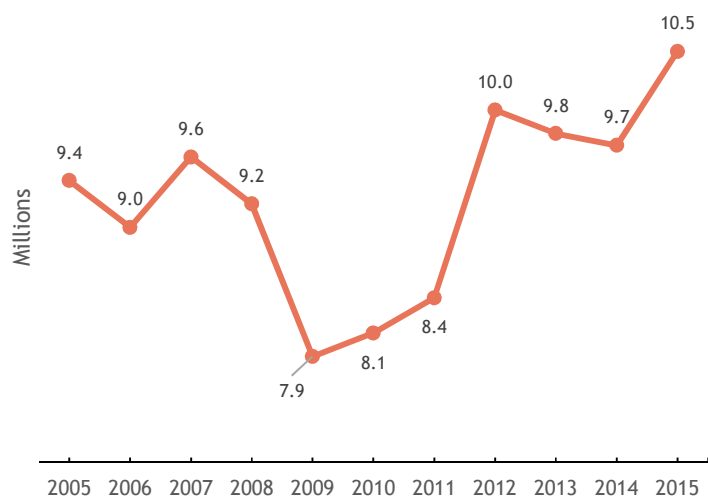
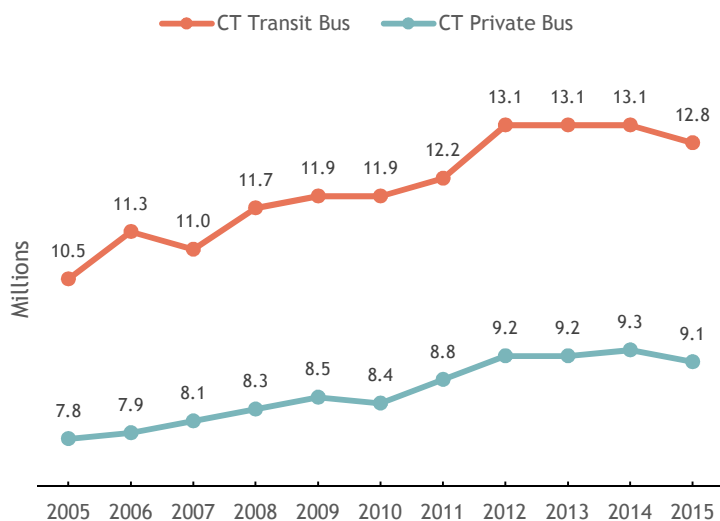


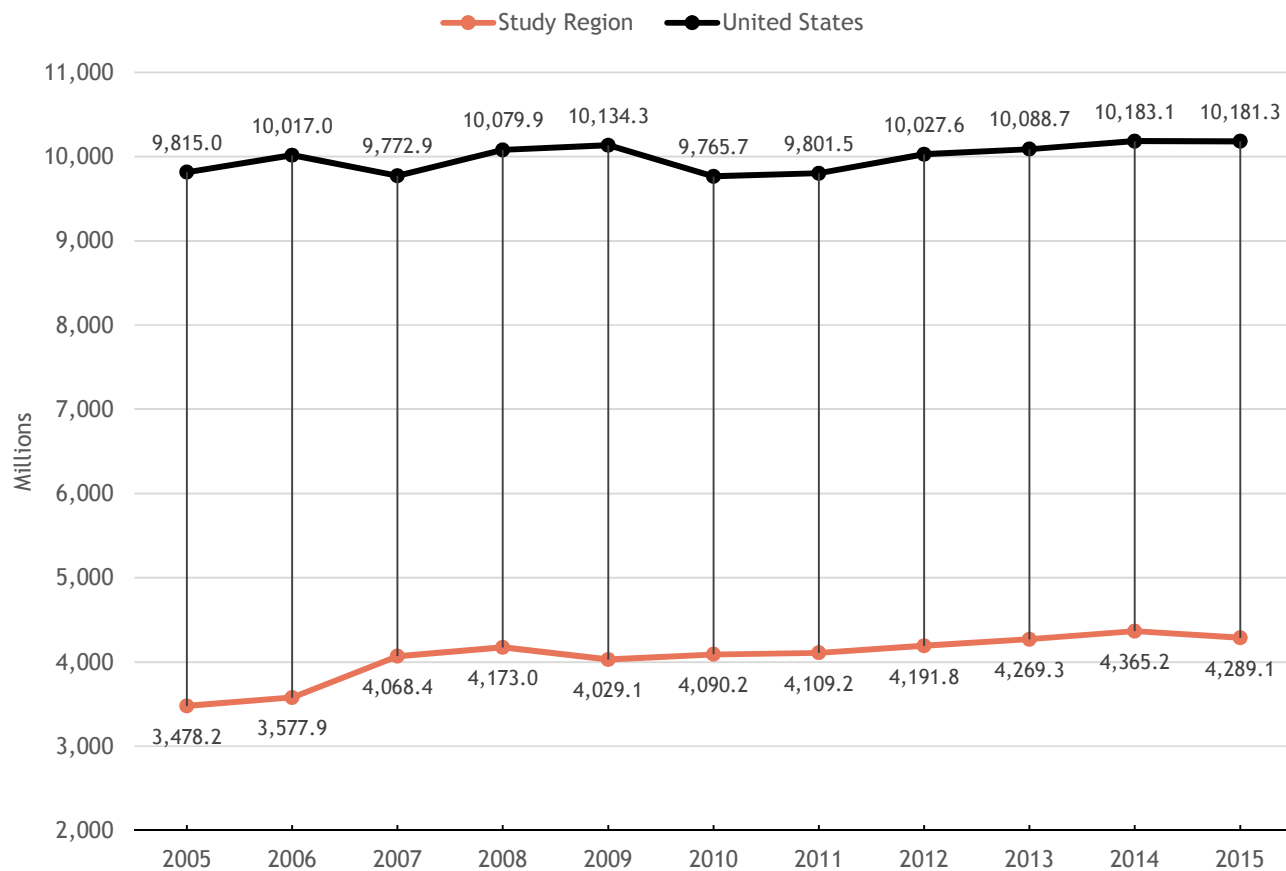
Figure 16. Annual Connecticut Transit Bus Unlinked Passenger Trips



Source: National Transit Database- Federal Transit Administration

A1.3 Regional Total Unlinked Passenger Trips and National Total Unlinked Passenger Trips

Figure 17. Comparison of Annual Unlinked Trips in The NY-NJ-CT Region and US



Source: National Transit Database- Federal Transit Administration

A2. Public Transportation Finance

A2.1 Vehicles Available for Maximum Service

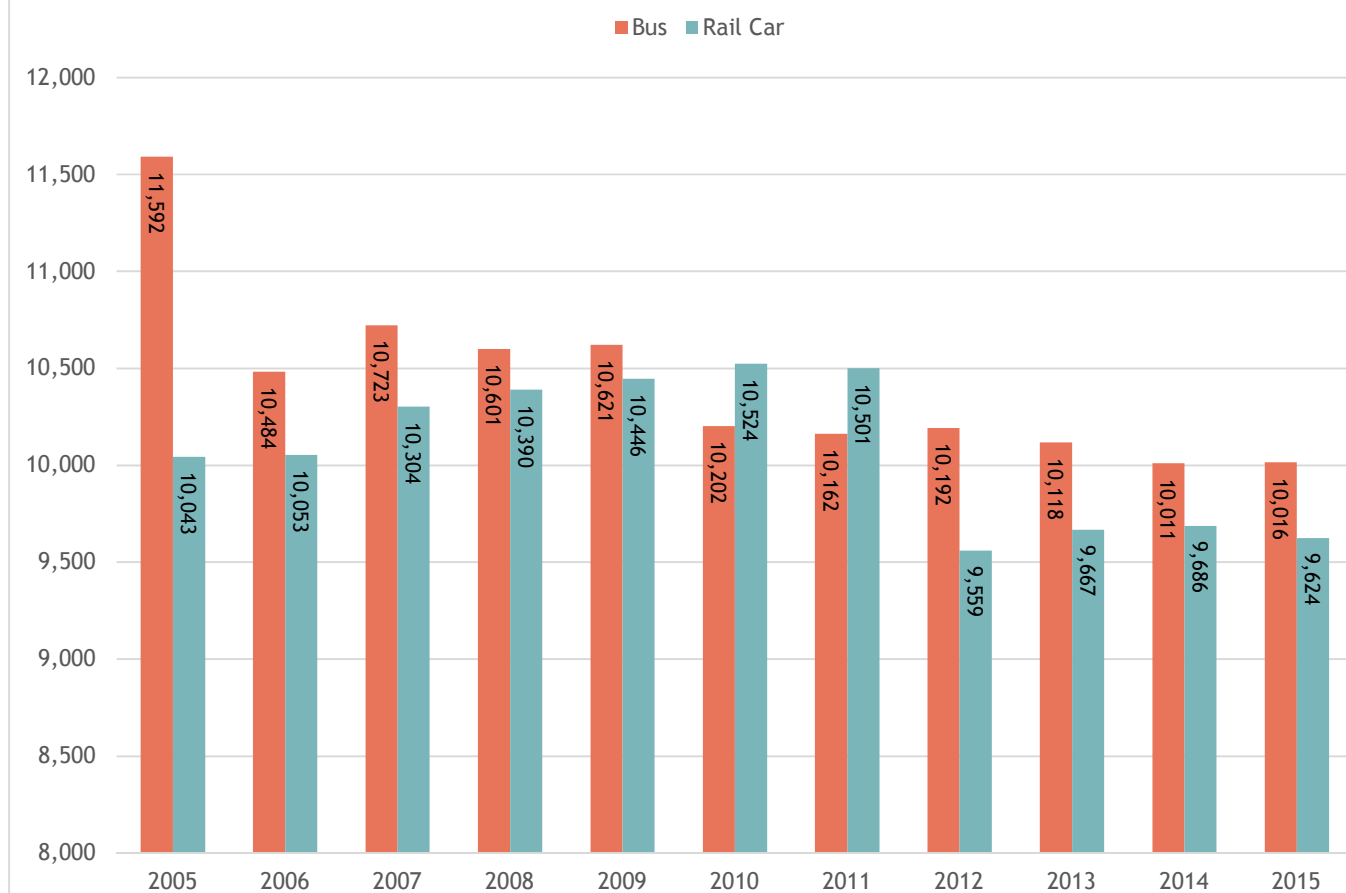
Vehicles Available for Maximum Service: The number of revenue vehicles available to meet the annual maximum service requirement. Vehicles available for maximum service include:

- Operational vehicles;
- Spares;
- Out of service vehicles; and
- Vehicles in or awaiting maintenance.

Vehicles available for maximum service exclude:

- Vehicles awaiting sale; and
- Emergency contingency vehicles

Figure 18. Annual Vehicles Available for Maximum Service



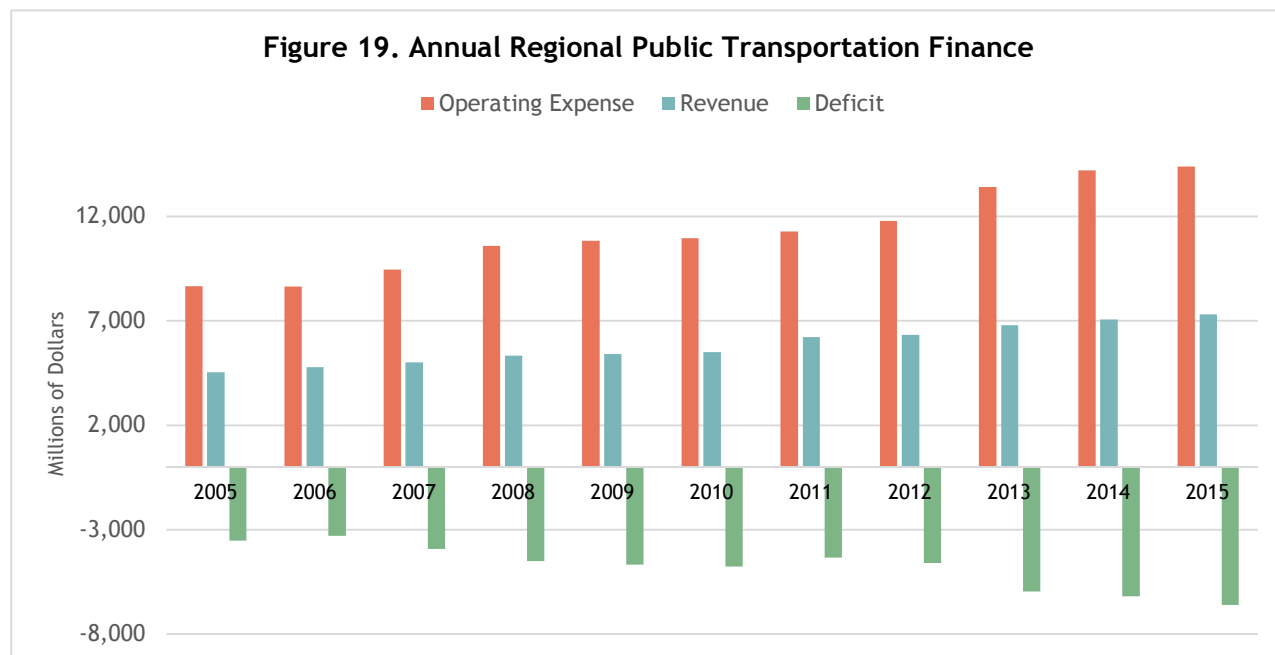
Source: National Transit Database- Federal Transit Administration

A2.2 Public Transportation Operating Expense, Fare Revenue and Deficit

Operating Expense: The expenses associated with the operation of the transit agency, and classified by function or activity, and the goods and services purchased.

Fare Revenue: All income received directly from passengers, paid either in cash or through pre-paid tickets, passes, etc.

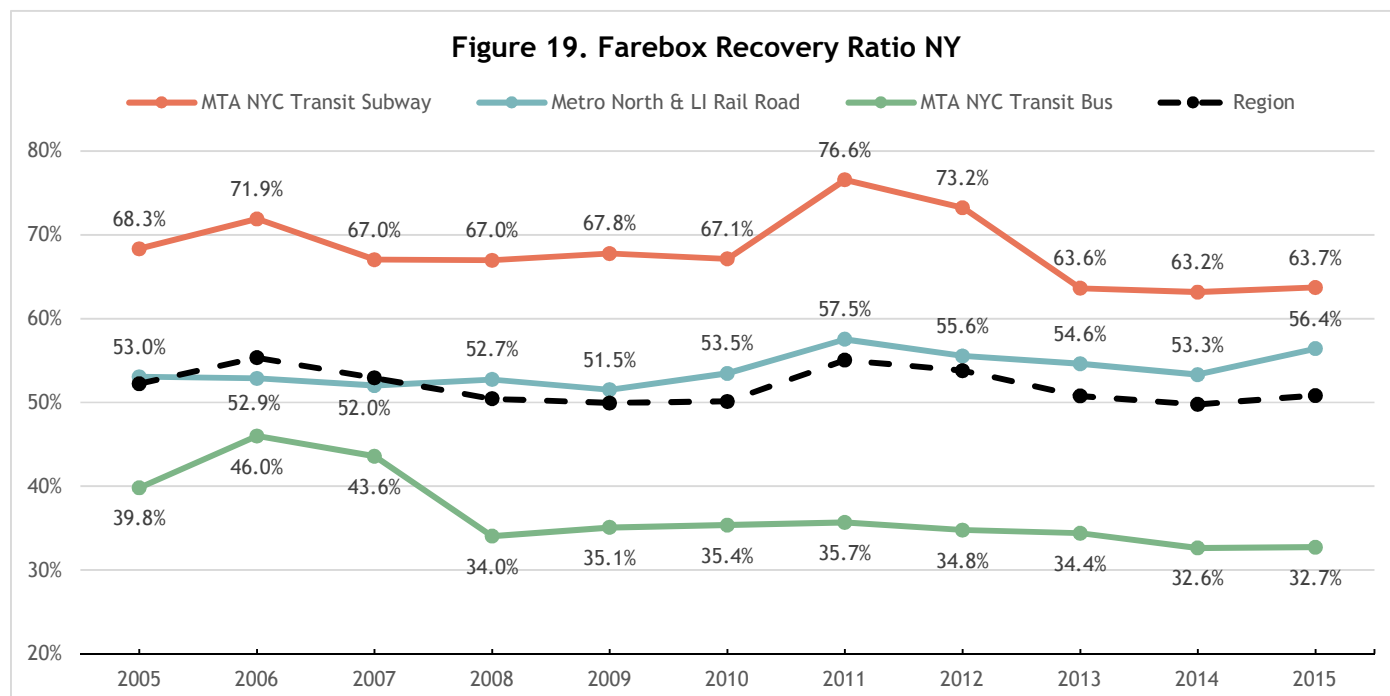
Deficit: Fare Revenue – Operating Expense



Source: NYMTC

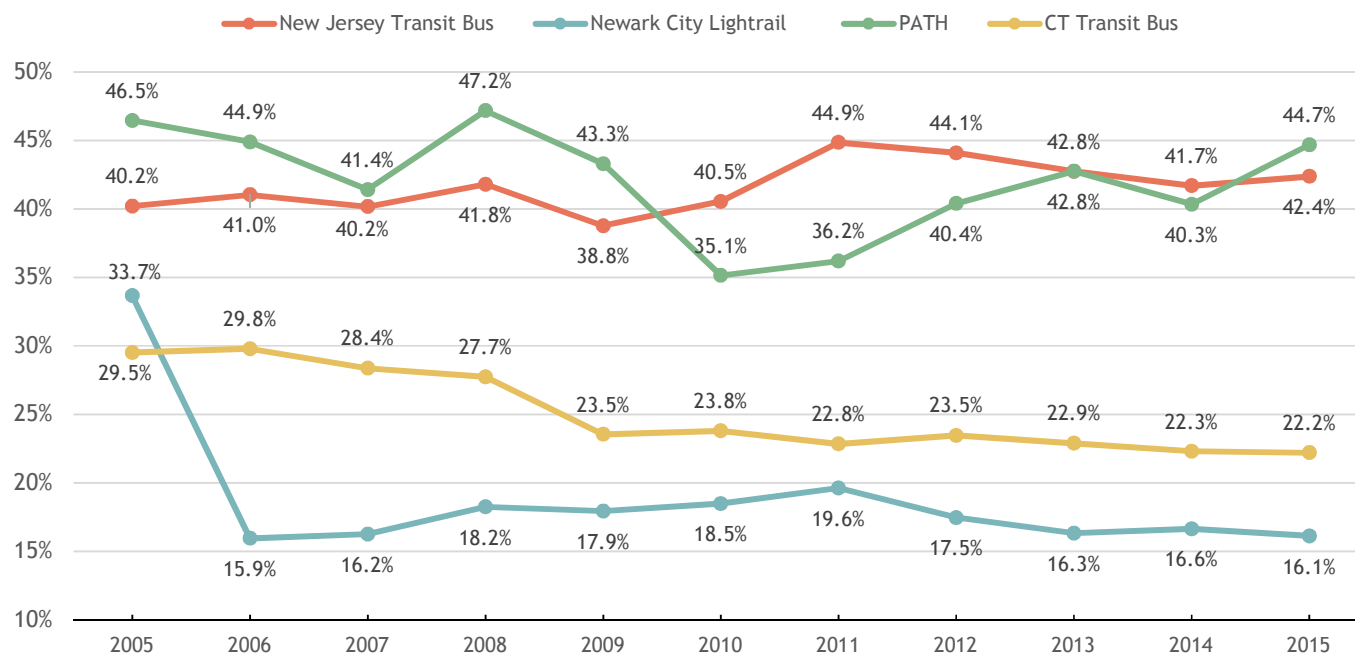
A2.3 Farebox Recovery Ratio

Farebox Recovery Ratio: the fraction of operating expenses which are met by the fares paid by passengers. $(\text{Fare Revenue} \div \text{Operating Expense}) \times 100\%$



Source: NYMTC

Figure 20. Farebox Recovery Ratio NJ/CT



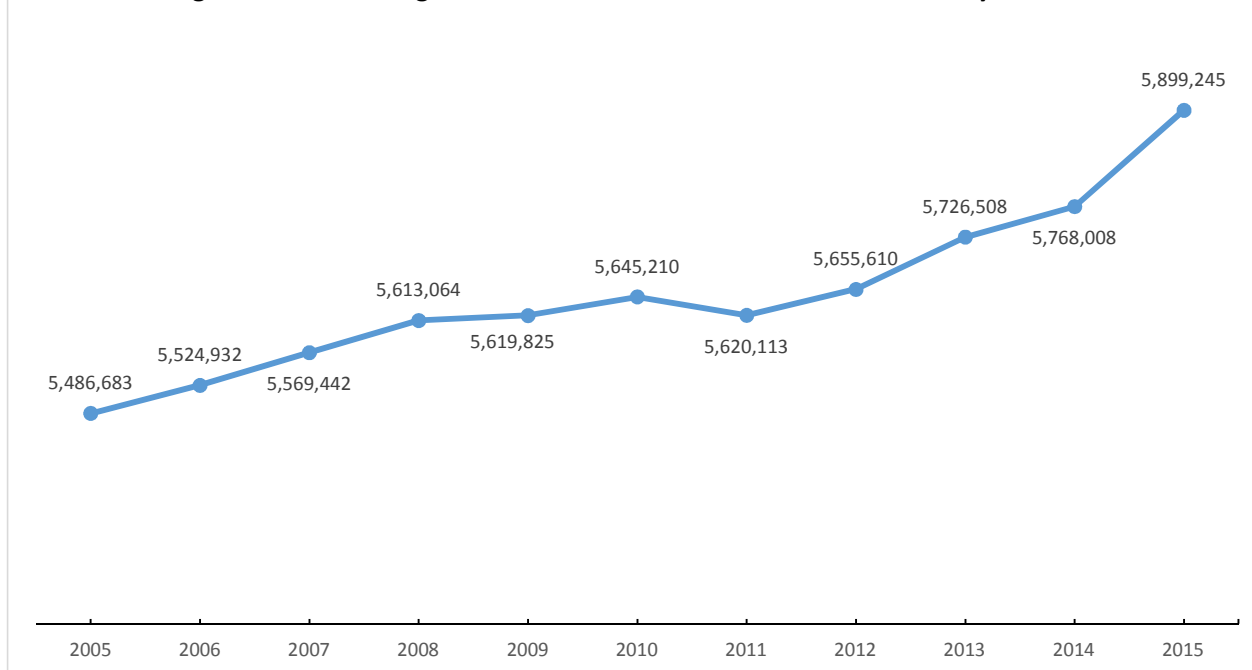
Source: NYMTC

B. Motor Vehicles

B1. Registered Motor Vehicles

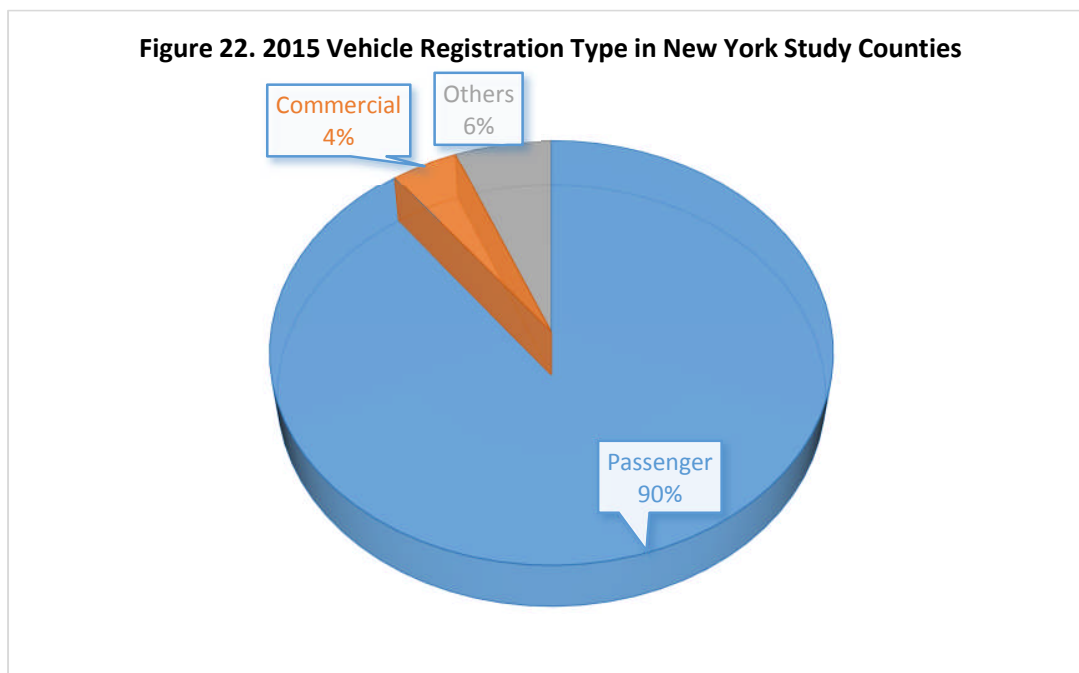
Registered Motor Vehicles data is collected from the Department of Motor Vehicles. This report contains registered vehicle data for only counties from the study region within New York State. The New York State study counties are: Bronx, Kings, New York, Queens, Richmond, Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk, Westchester.

Figure 21. Annual Registered Motor Vehicles in New York State Study Counties



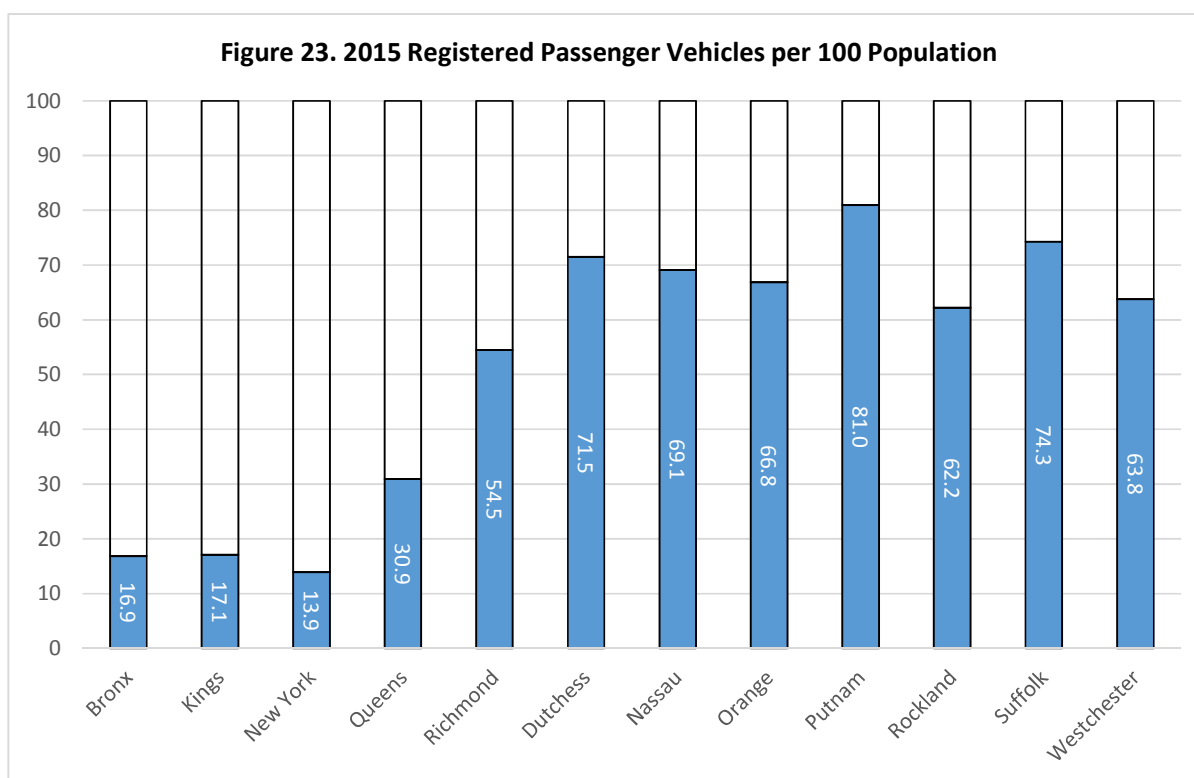
Source: New York State Department of Motor Vehicles

B1.1 Motor Vehicle Registration Type



Source: New York State Department of Motor Vehicles

B1.2 Passenger Vehicles per 100 Population



Source: New York State Department of Motor Vehicles
 American Community Survey- US Census Bureau
 NYMTC

B2. River Crossing

B2.1 Major River Crossing Bridges and Tunnels Map



B2.2 Major River Crossing Annual Average Daily Traffic

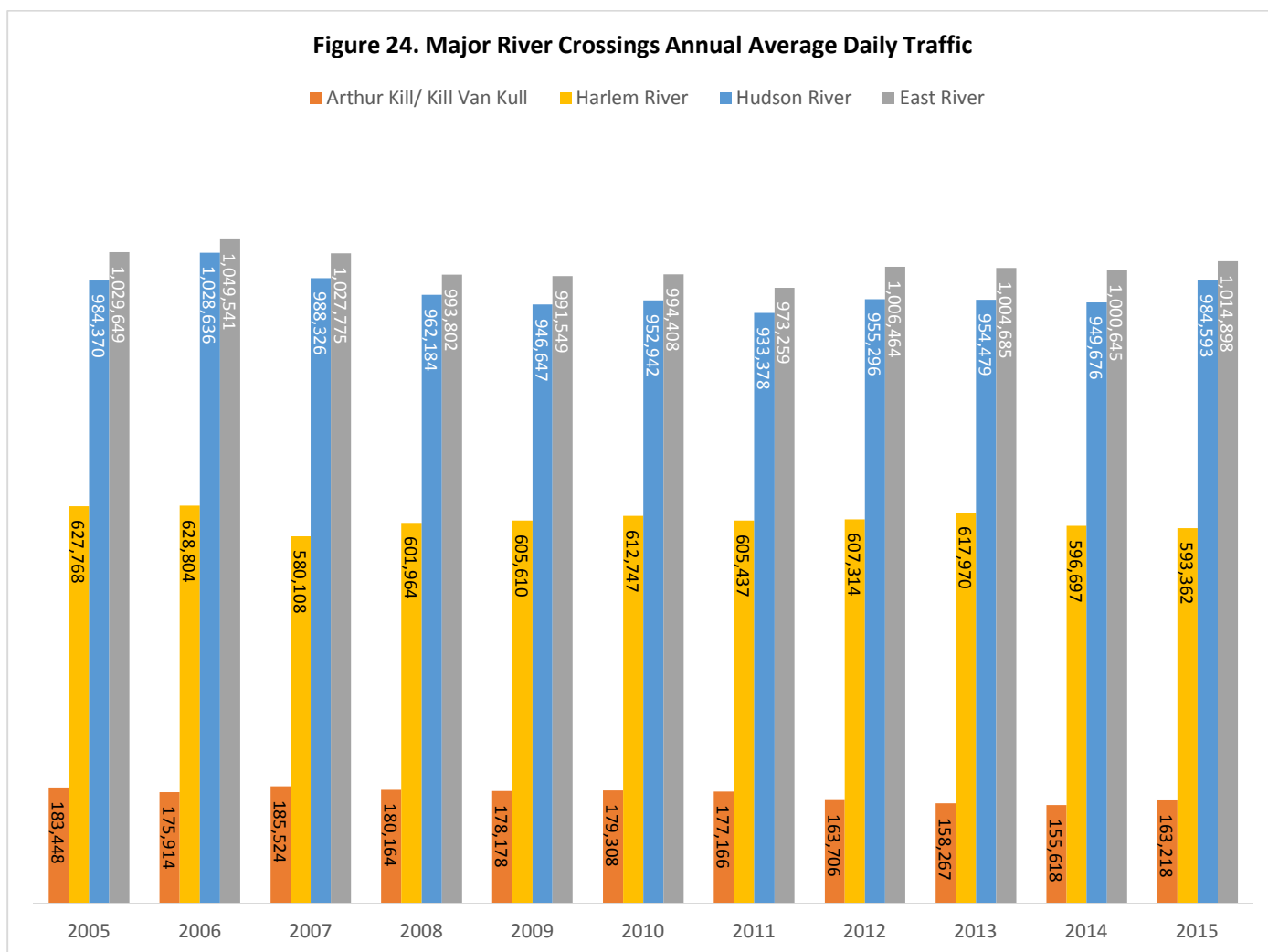
Annual Average Daily Traffic (AADT): Annual average number of vehicles two-way passing a specific point in a day.

The river crossing AADT data is collected from New York City Department of Transportation, New York State Department of Transportation, Port Authority of New York and New Jersey and Metropolitan Transportation Authority Bridges and Tunnels.

This report includes the AADT data for all bridges and tunnels that cross Arthur Kill/ Kill Van Kull, Harlem River, Hudson River and East River within the study region.

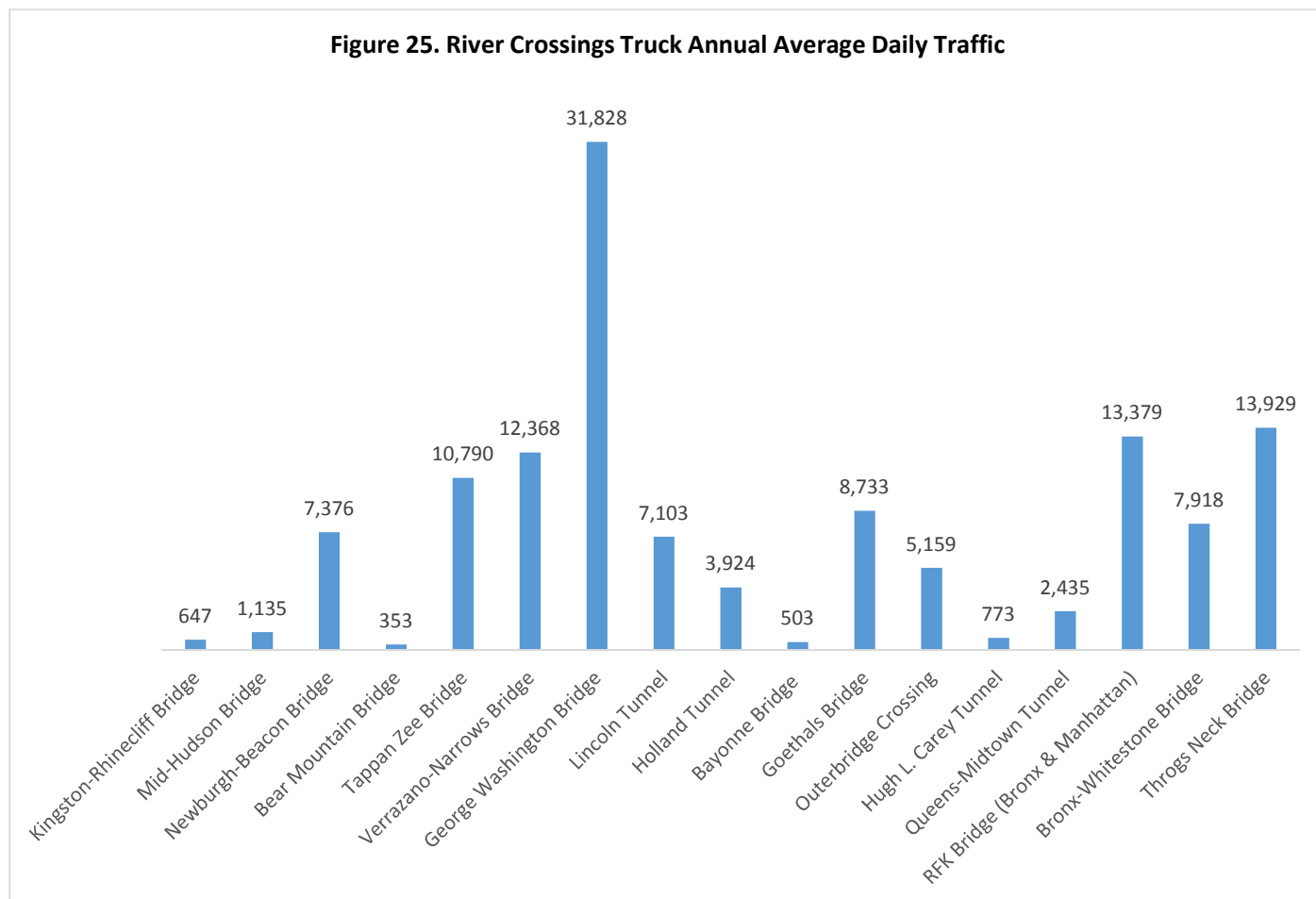
Figure 24. Major River Crossings Annual Average Daily Traffic

■ Arthur Kill/ Kill Van Kull ■ Harlem River ■ Hudson River ■ East River



Source: New York City Department of Transportation, Port Authority of New York and New Jersey, Metropolitan Transportation Authority Bridges and Tunnels, New York State Department of Transportation

B2.3 Truck River Crossing



Source: New York City Department of Transportation, Port Authority of New York and New Jersey, Metropolitan Transportation Authority Bridges and Tunnels, New York State Department of Transportation

C. Commuting

C1. 2015 Means of Transportation to Work in NYMTC 10 Counties

Means of Transportation to Work (MoTW): The principal mode of travel or type of conveyance, by distance rather than time, which the worker usually used to get from home to work.

Figure 26. Bronx MoTW

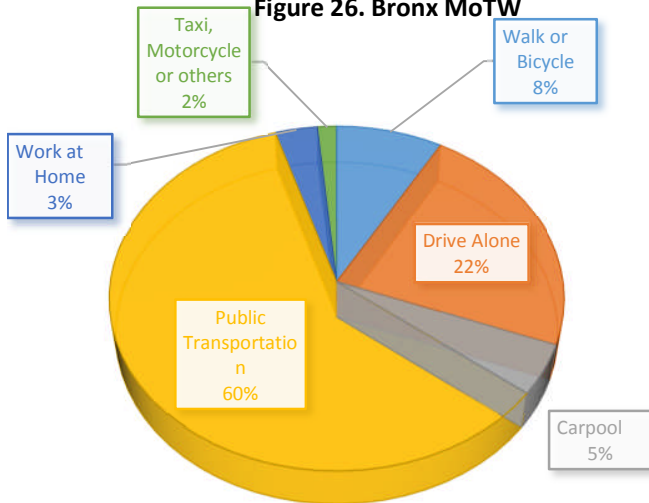


Figure 27. Kings MoTW

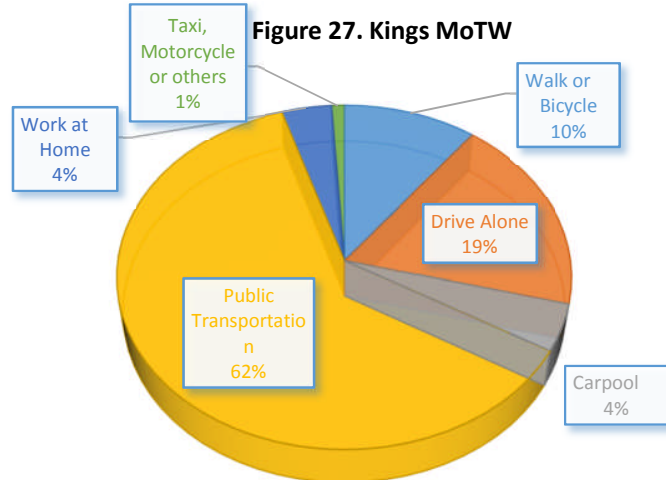


Figure 28. Queens MoTW

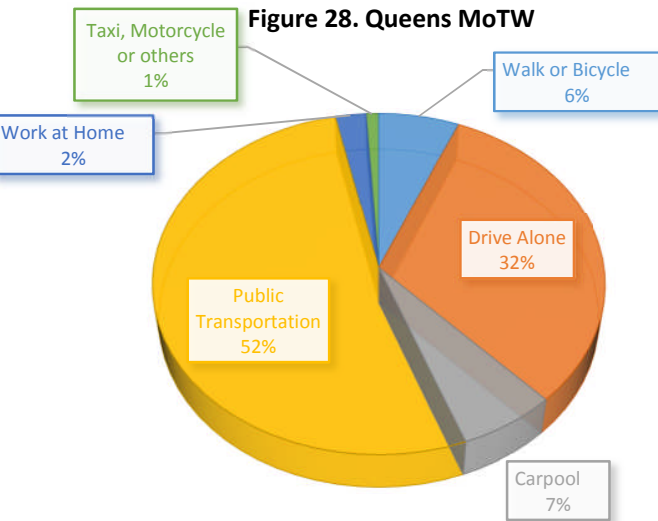


Figure 29. New York MoTW

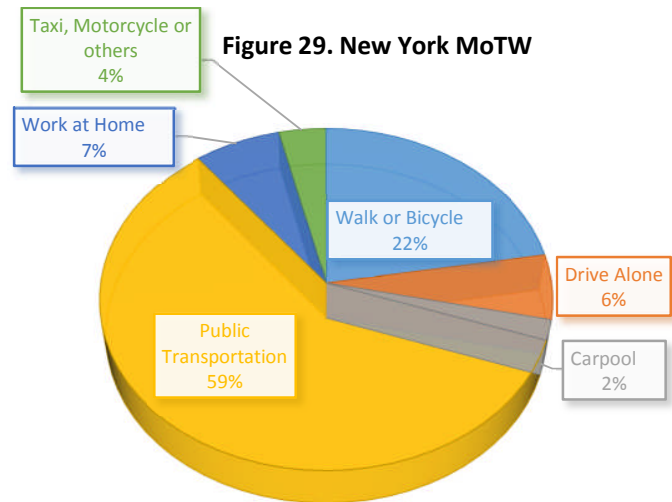


Figure 30. Richmond MoTW

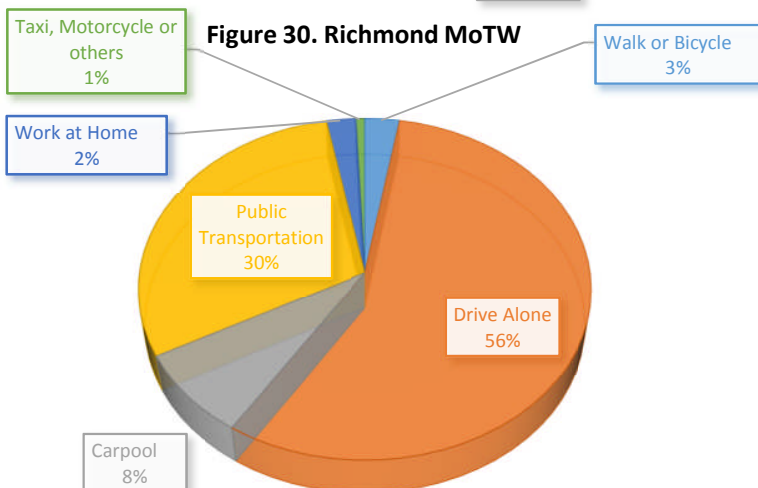
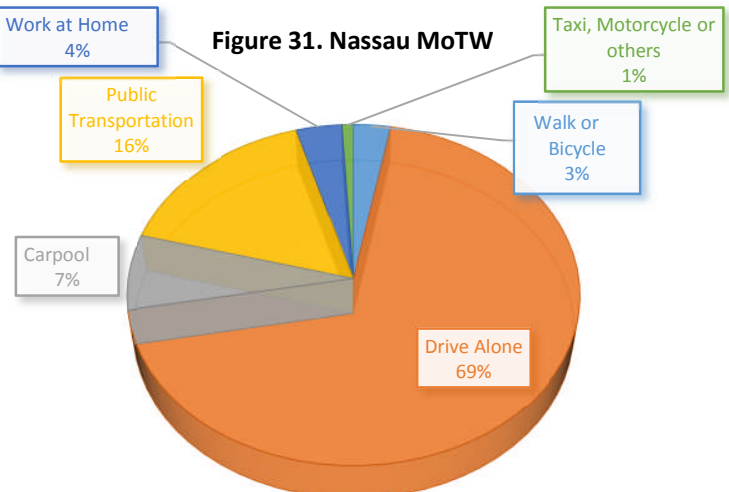
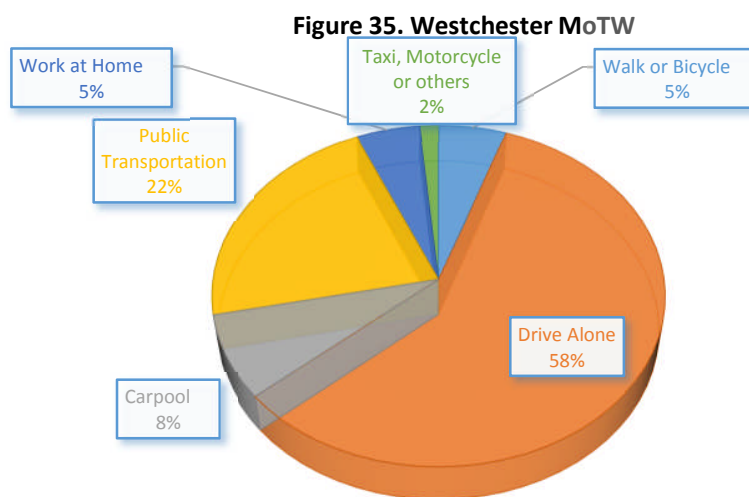
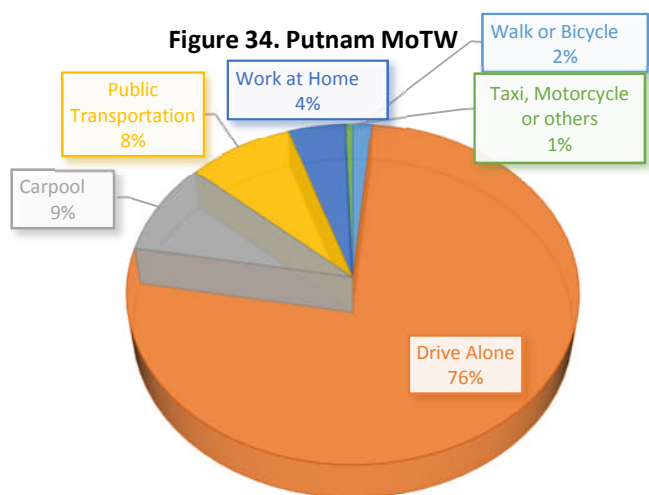
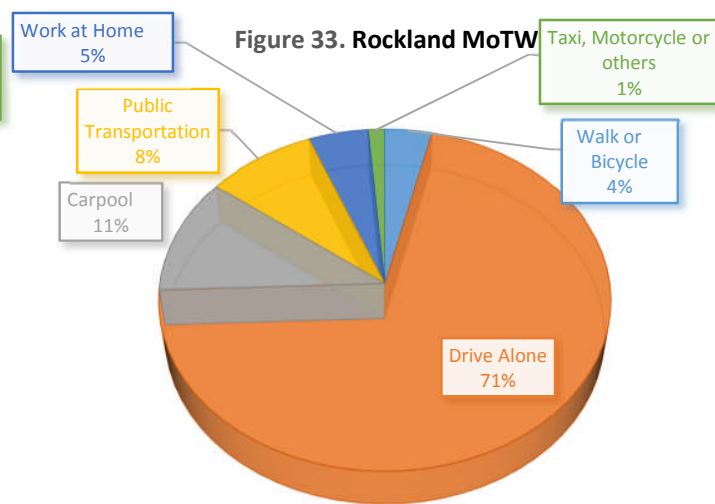
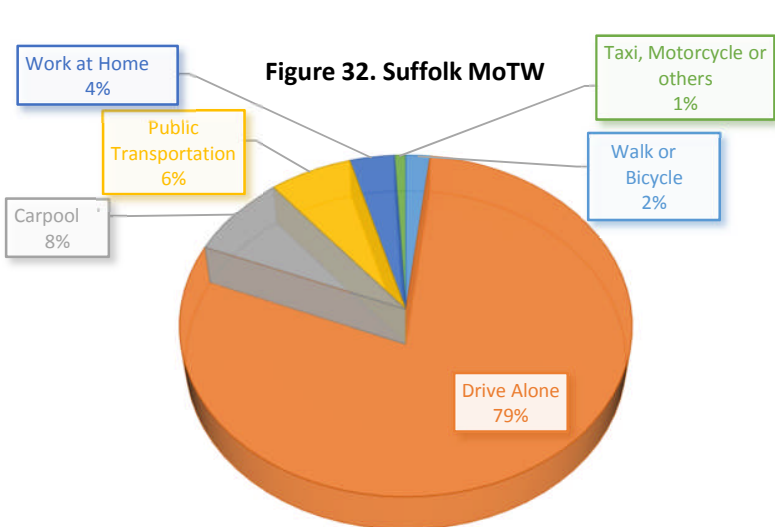


Figure 31. Nassau MoTW





Source: American Community Survey- US Census Bureau

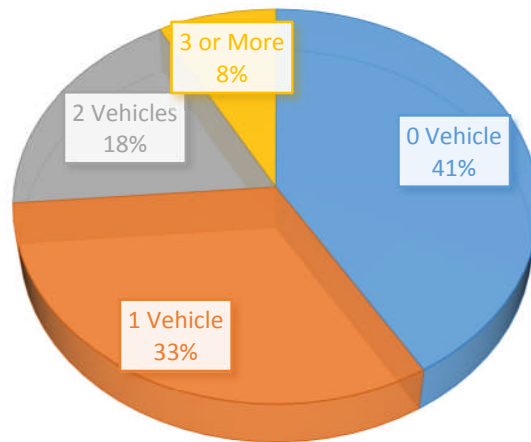
C2. Number of Vehicles Available in Family

Vehicles Available in Family: the number of passenger cars, vans, and pickup or panel trucks of one-ton capacity or less kept at home and available for the use of household members.

C2.1 Number of Vehicles Available in Family in New York City

Figure 36 covers the New York City area, including Bronx, Kings, New York, Queens and Richmond.

Figure 36. Number Of Vehicles In Family New York City 2015

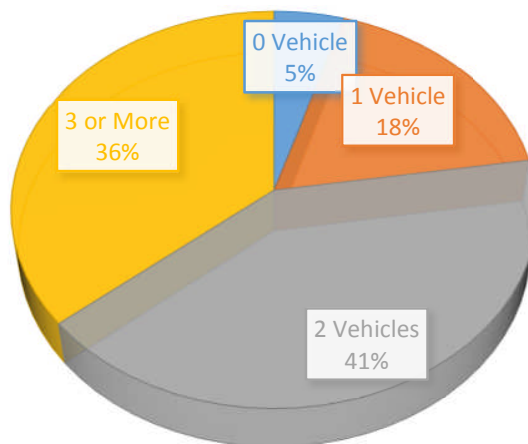


Source: American Community Survey- US Census Bureau

C2.2 Number of Vehicles Available in Family in New York Suburban Area

Figure 37 covers the New York Suburban Area within the study region, including Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester.

Figure 37. Number Of Vehicles In Family New York Suburbs 2015



Source: American Community Survey- US Census Bureau

Regional Goal: Safety

Enhance the Safety of the Transportation System

NYMTC's members will work to reduce the rate and severity of transportation-related crashes in the region and make the transportation system safer for all users.

The following outcomes will be the goal of all of the NYMTC members:

- Reduced rate of annual injuries and fatalities on the region's transportation systems;
- Promulgation of advanced safety and security measures throughout the region;
- Enhanced coordination, data, and information sharing among members and other stakeholders; and
- Promotion of safety improvements in all aspects of transportation planning and implementation.

D. Safety

D1. Motor Vehicle Crashes

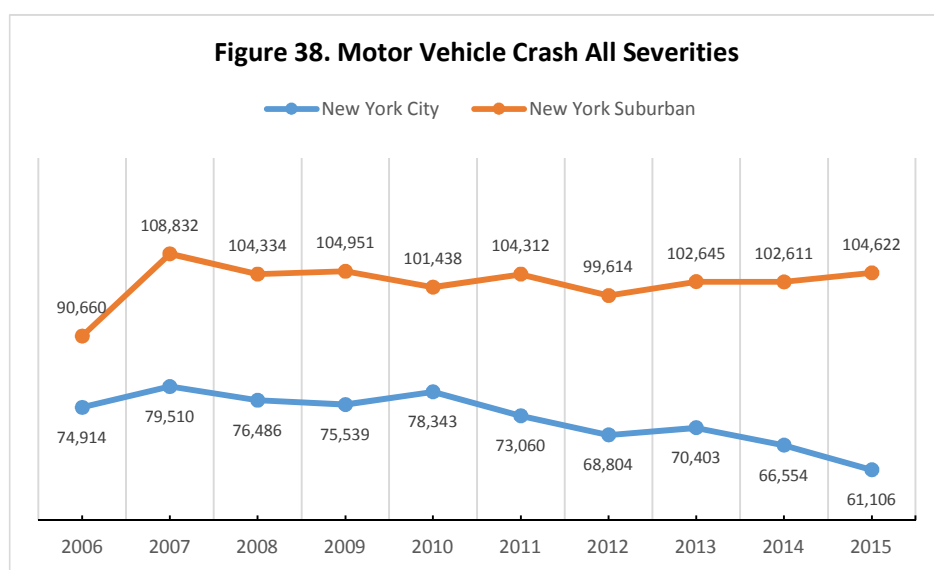
Motor vehicle crash data is collected from Institute for Traffic Safety Management and Research (ITSMR). The data is presented into two geographic groups in the study region. The "New York City" group includes data from Bronx, Kings, New York, Queens and Richmond. And the "New York Suburban" group includes Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester. Due to the change of data collection method, 2005 data is omitted for this section.

D1.1 Motor Vehicle Crash Severity

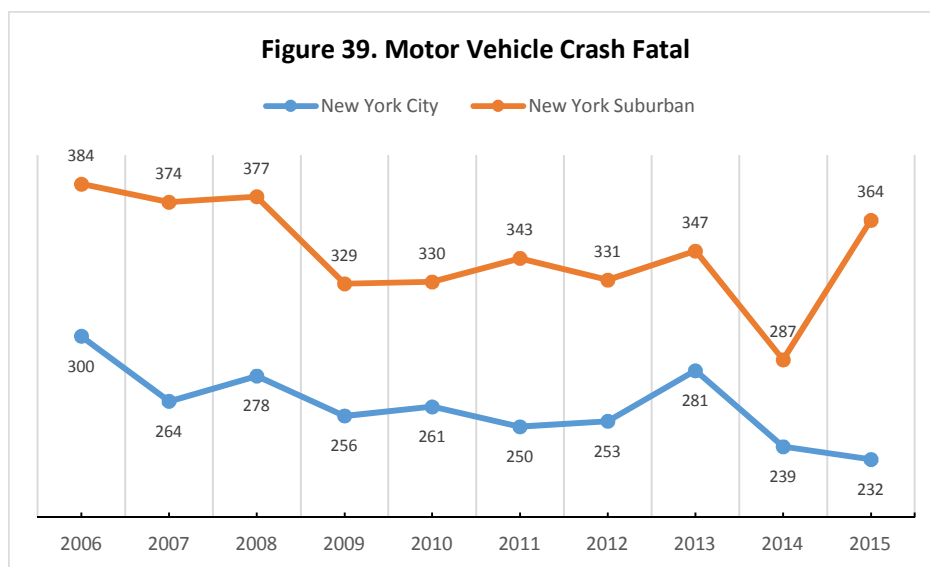
Fatal: Motor vehicle crash resulted in at least one person killed.

Injury: Motor vehicle crash resulted in at least one person injured.

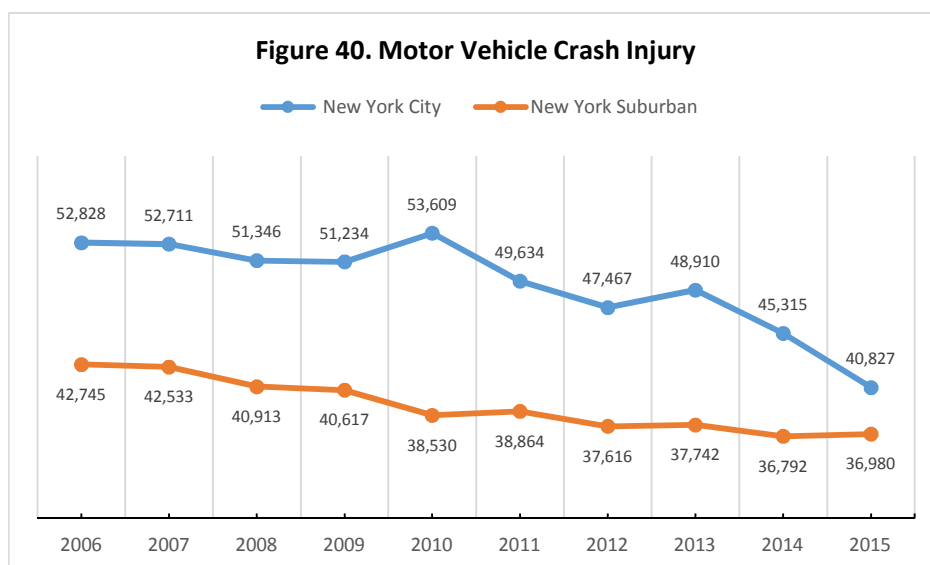
Property Damage: Motor vehicle crash resulted in property damage of 1,000 dollars or more



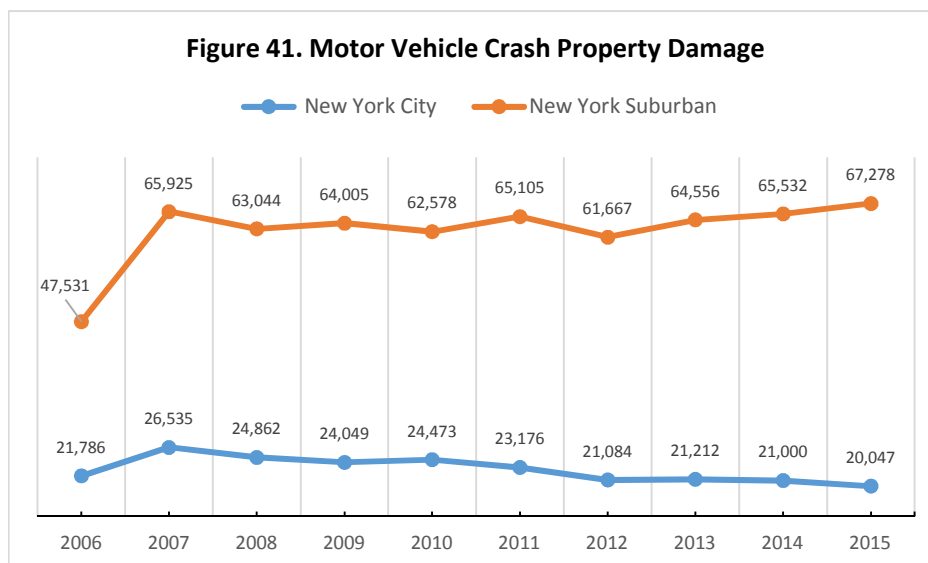
Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research



Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research



Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research



Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

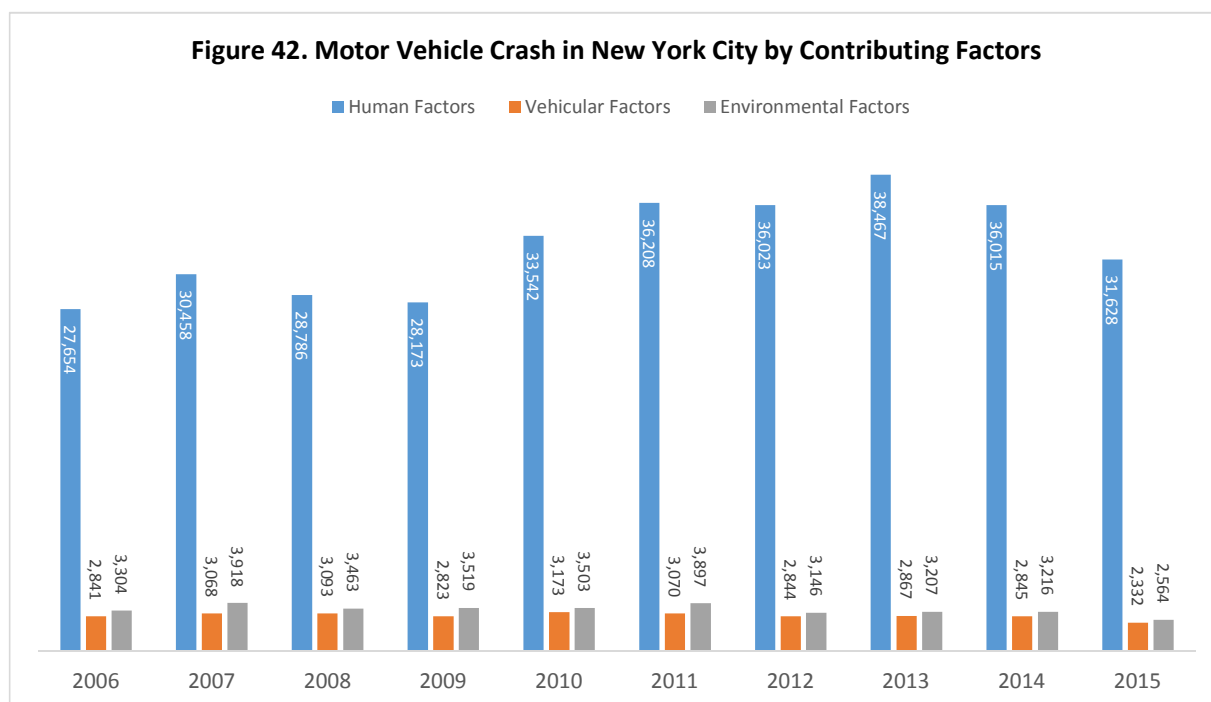
D1.2 Motor Vehicle Crashes and Contributing Factors

Contributing Factors: Apparent causes of the crash coded to the accident report.

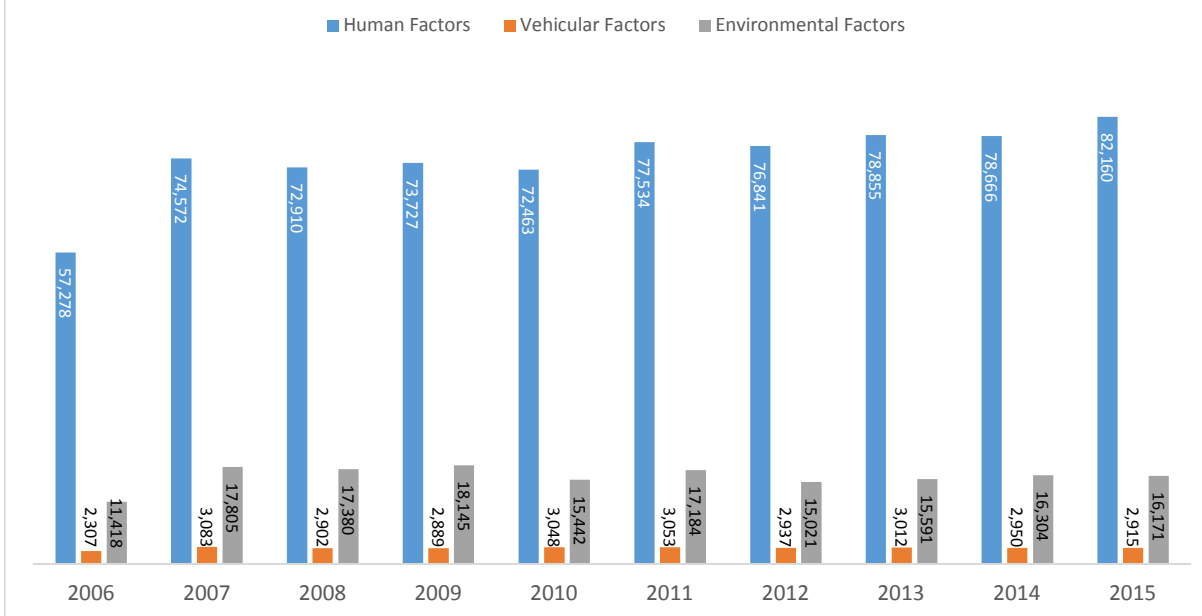
Human Factors: Crash was caused by human error.

Vehicular Factors: Crash was caused by vehicle malfunction.

Environmental Factors: Crash was caused by environmental factors.



Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Figure 43. Motor Vehicle Crash in New York Suburb by Contributing Factors

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

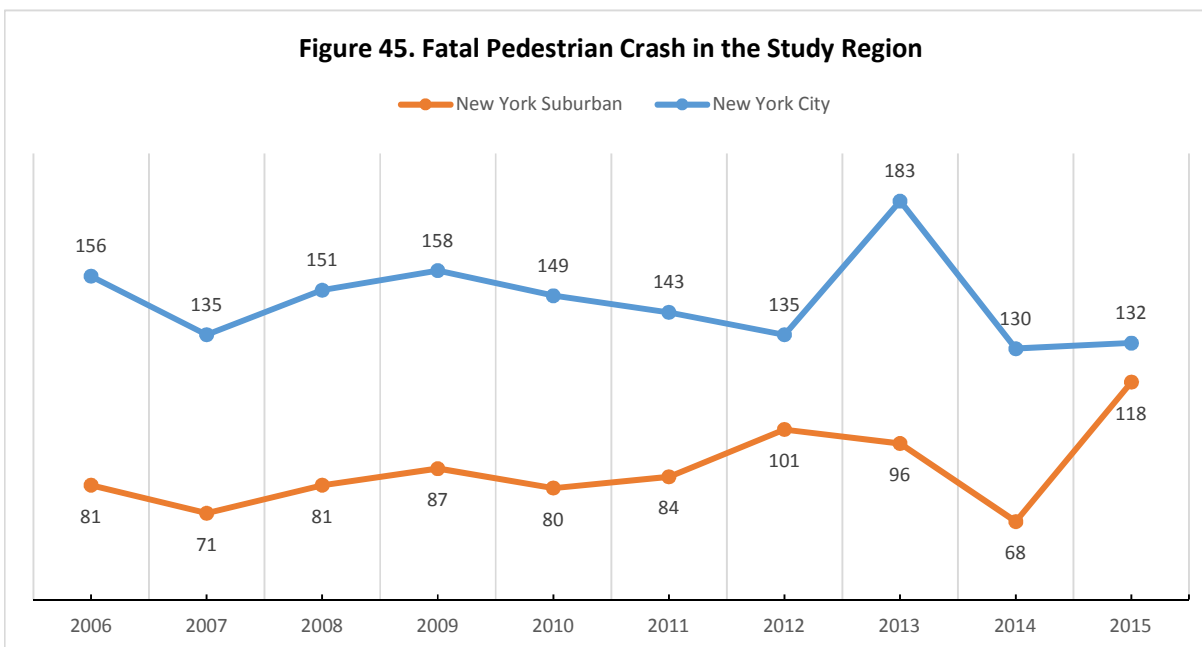
D1.3 Motor Vehicle Crash and Gender

Figure 44. Number of Male or Female Drivers involved in Crash in the Study Region

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

D2 Pedestrian Crash

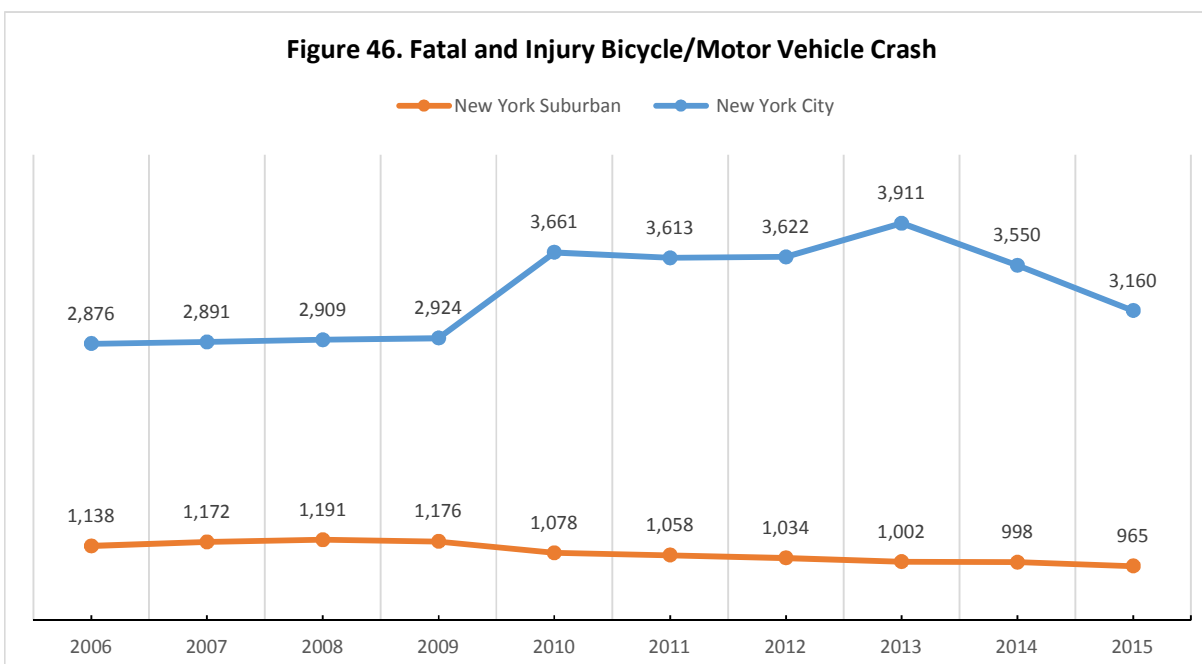
D2.1 Fatal Pedestrian Crash



Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

D3 Bicycle Crash

D3.1 Bicycle/ Motor Vehicle Crash



Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

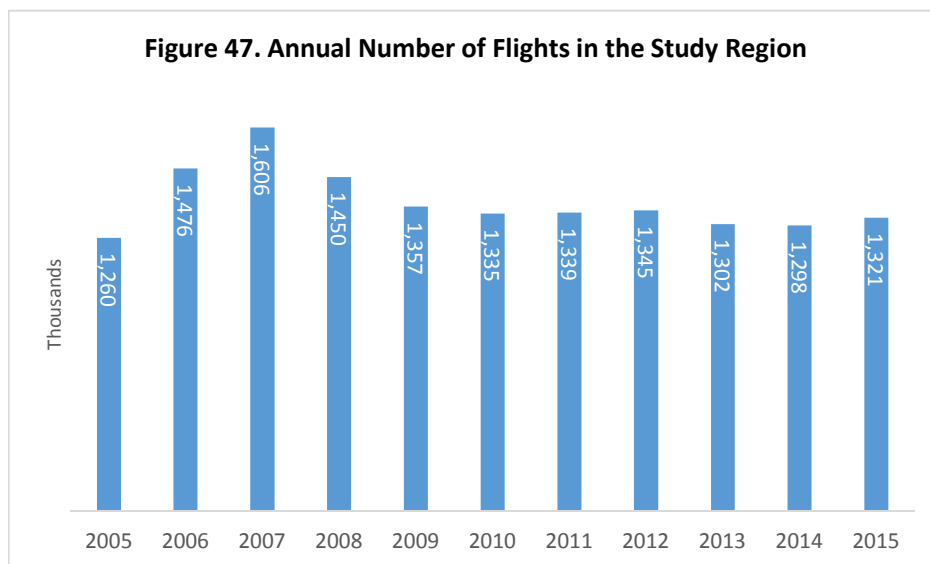
E. Airport Access

There are six major airports within the New York-New Jersey- Connecticut study region. Each airport's annual passenger, flight and freight data is included in this report. These airports are:

John F. Kennedy International Airport, LaGuardia Airport, Newark Liberty Airport, Long Island MacArthur Airport, Stewart Airport and Westchester County Airport.

E1. Number of Flights

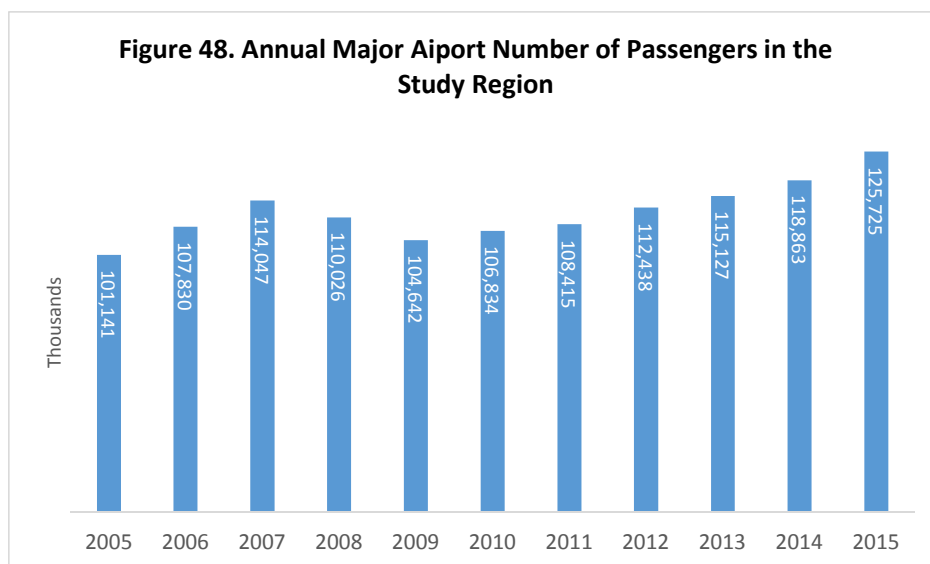
Annual number of flights: the number of flights includes both commercial and cargo flights that took off and landed at six major airports in the study region.



Source: Port Authority of NY & NJ, Westchester County Airport, Town of Islip

E2. Number of Passengers

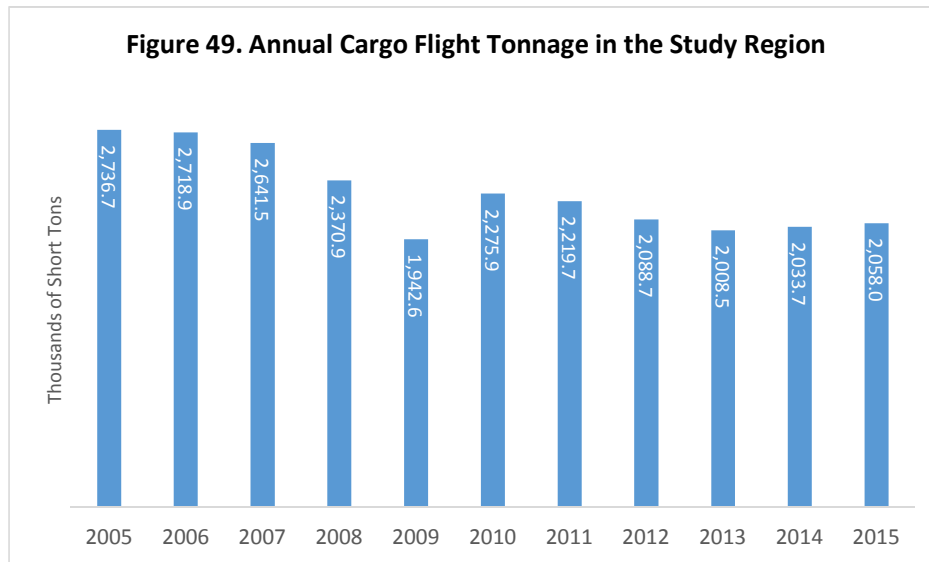
Annual Major Airport Number of Passengers: The number of passengers departed from and arrived to the six major airports in the study region.



Source: Port Authority of NY & NJ, Westchester County Airport, Town of Islip

E3. Cargo Tonnage

Annual Cargo Flight Tonnage: The weight of cargos in short tons from all cargo flights that took off and landed at the six major airports in the study region



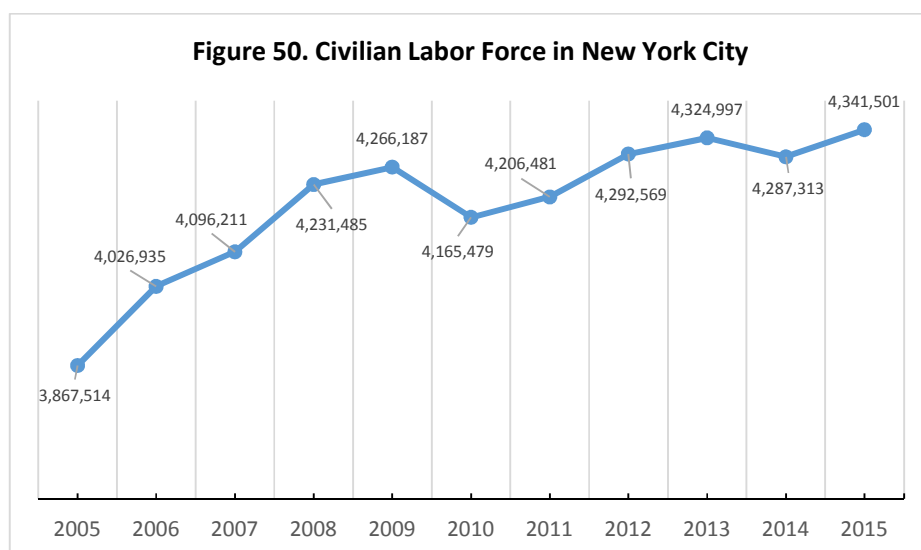
Source: Port Authority of NY & NJ, Westchester County Airport, Town of Islip

F. Socioeconomic and Demographic Data

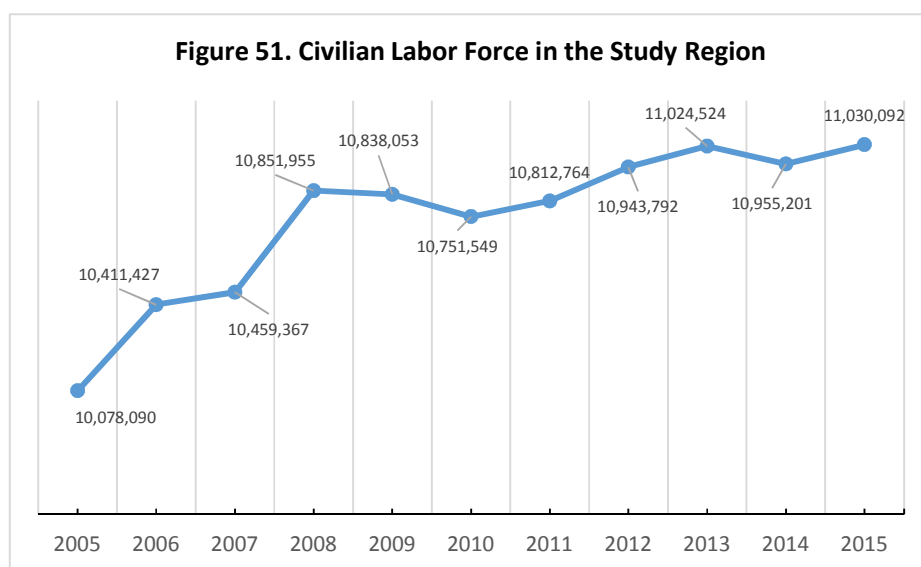
F1. Employment

F1.1 Total Civilian Labor Force

Civilian Labor Force: Number of people who have jobs or are seeking a job, are at least 16 years old, are not serving in the military and are not institutionalized.



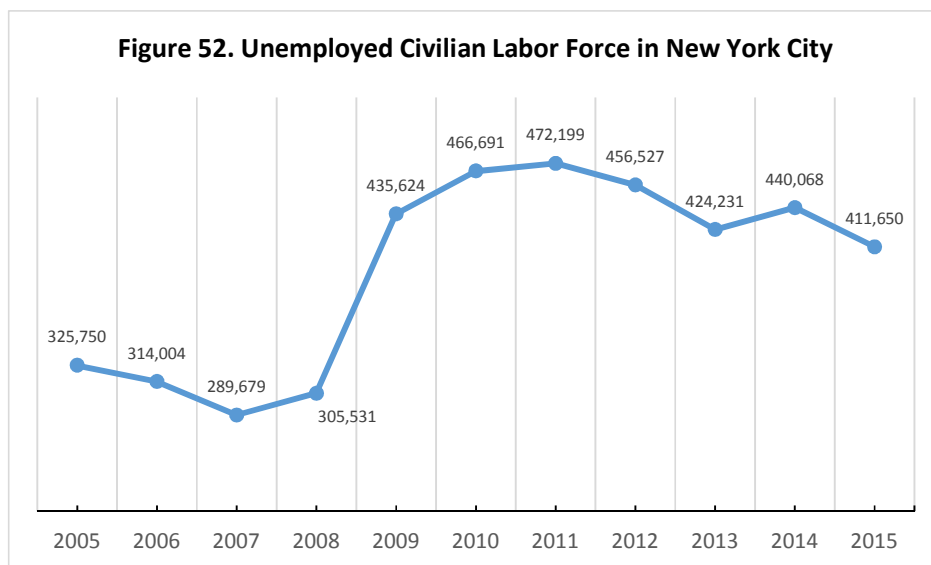
Source: American Community Survey- US Census Bureau



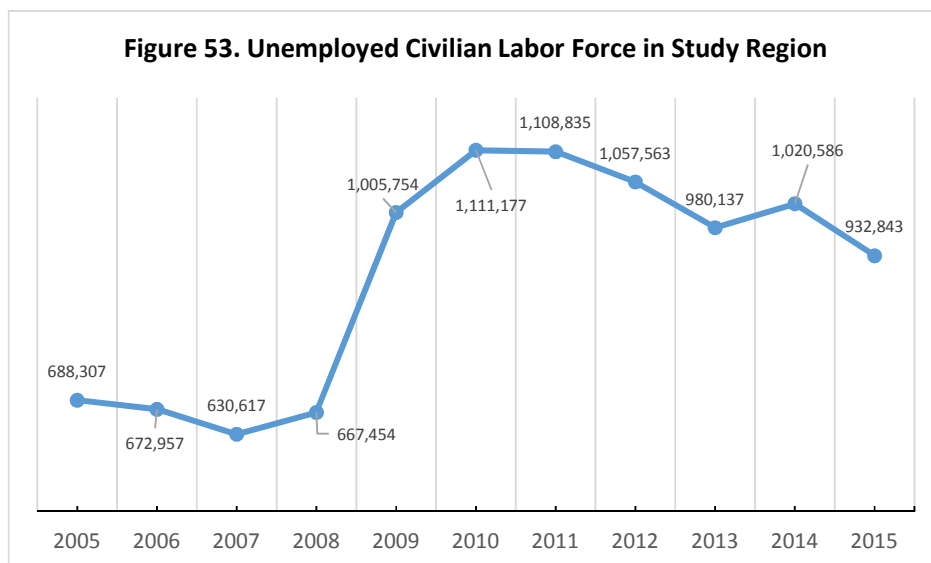
Source: American Community Survey- US Census Bureau

F1.2 Unemployed Civilian Labor Force

Unemployed Civilian Labor Force: Number of people who have no job and are seeking a job, are at least 16 years old, are not serving in the military and are not institutionalized.



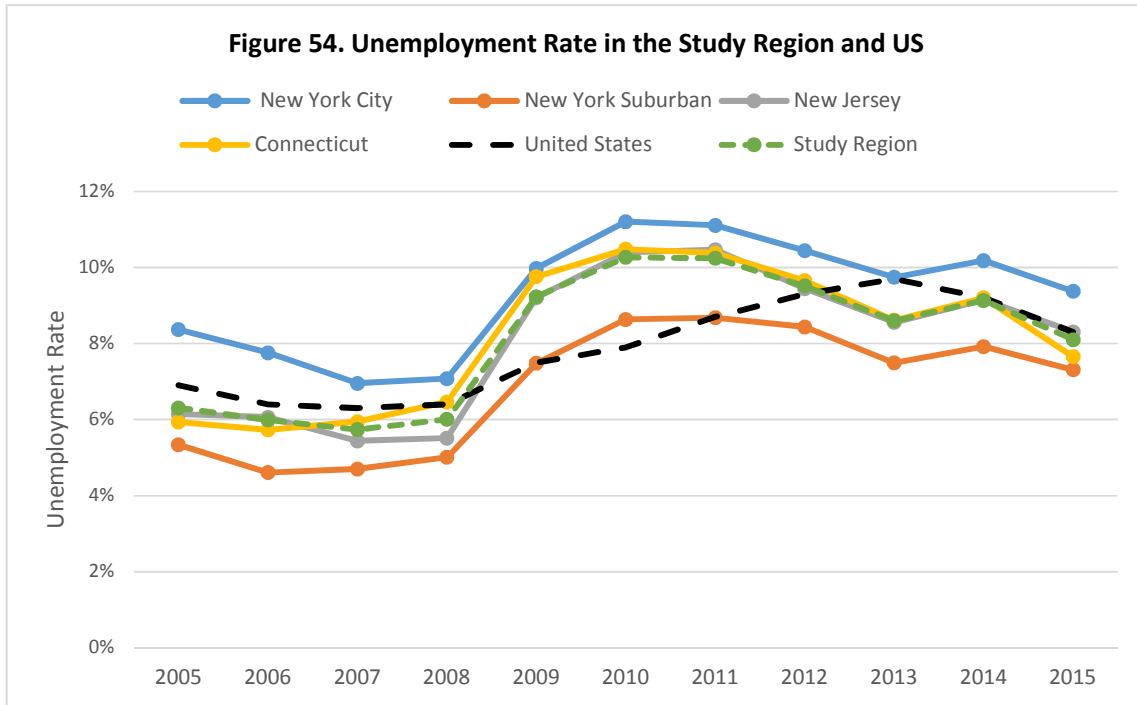
Source: American Community Survey- US Census Bureau



Source: American Community Survey- US Census Bureau

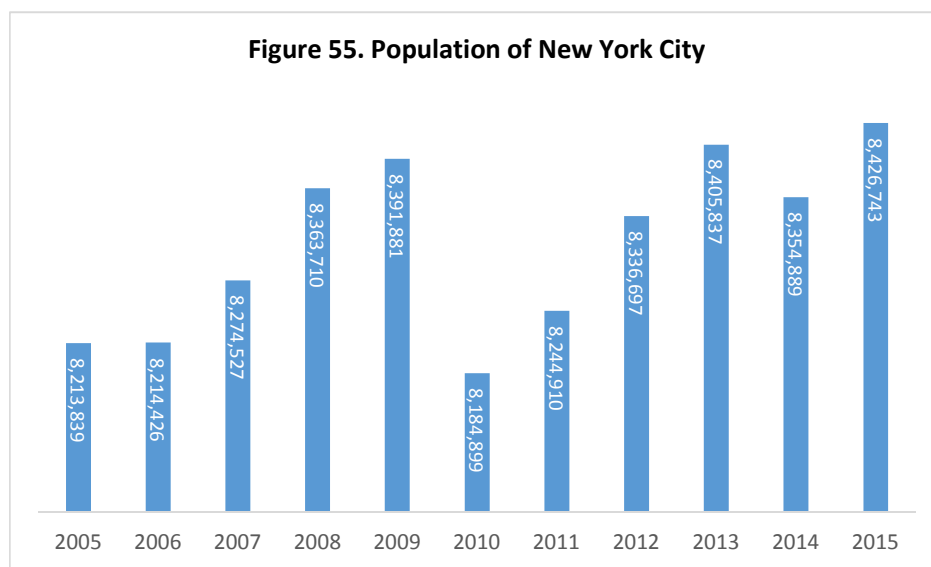
F1.3 Unemployment Rate

Unemployment Rate: Unemployed Civilian Labor Force/ Total Civilian Labor Force
The unemployment rate data is collected from the American Community Survey of the US Census Bureau. It is estimated based on the responses from the survey. Therefore, it may be different from other sources, like the Bureau of Labor Statistics.

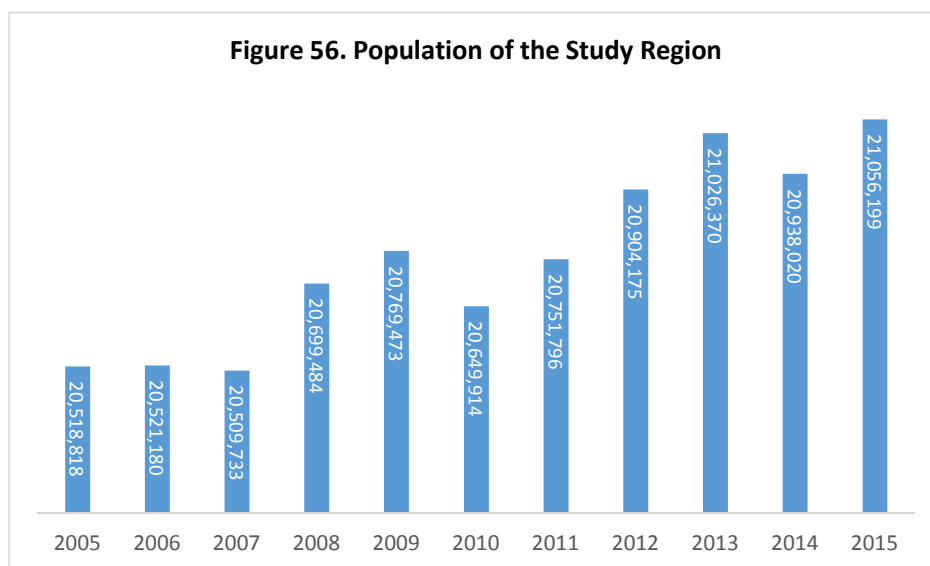


Source: American Community Survey- US Census Bureau

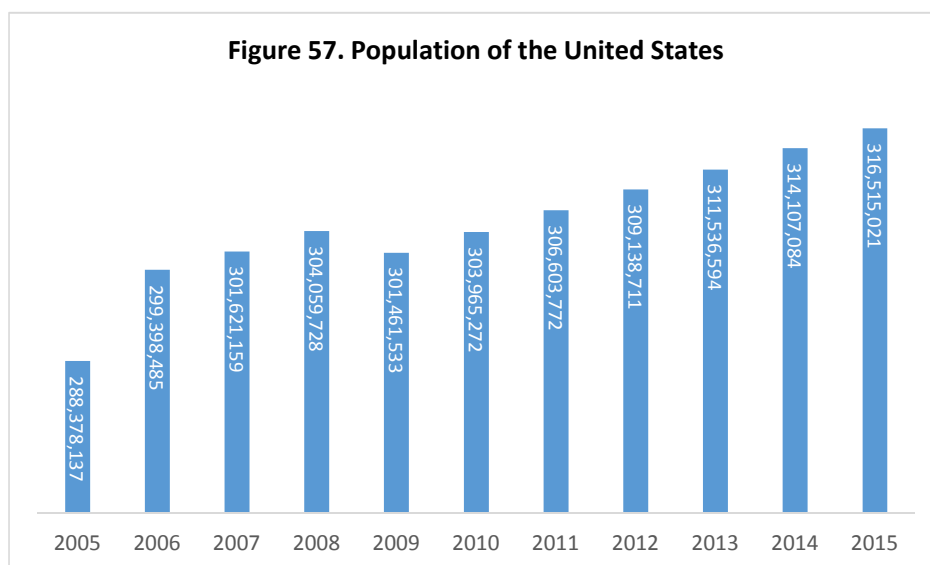
F2. Population



Source: American Community Survey- US Census Bureau



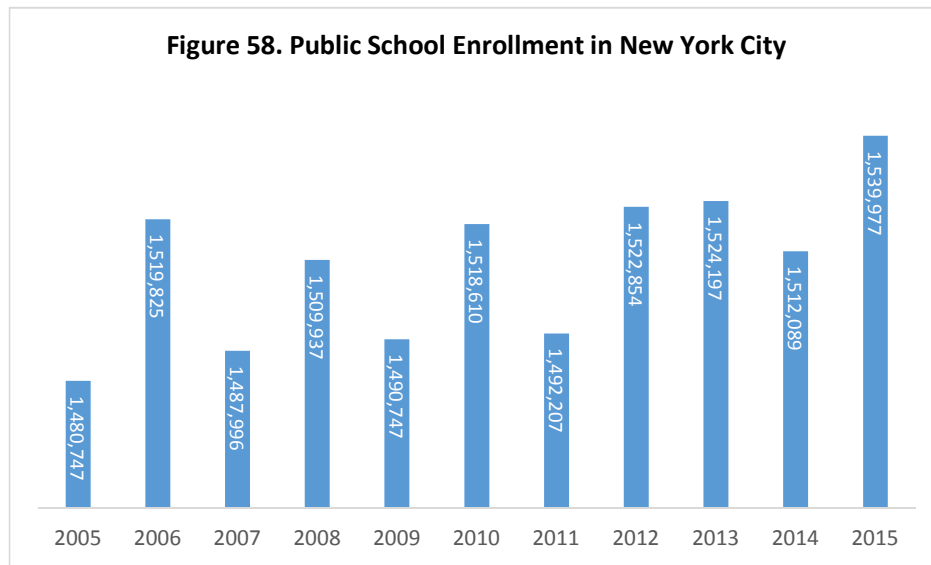
Source: American Community Survey- US Census Bureau



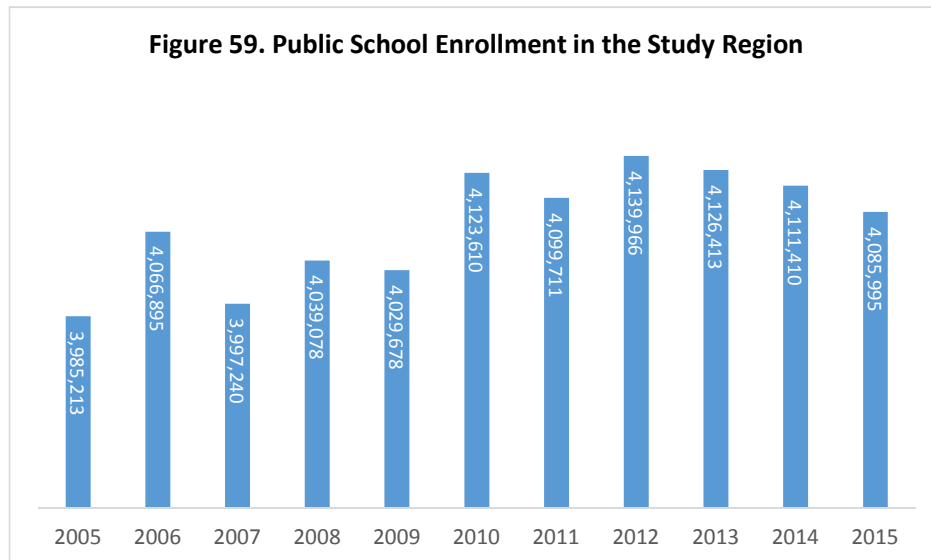
Source: American Community Survey- US Census Bureau

F3. Public School Enrollment

Public School Enrollment: The number of people of all ages who enrolled in public schools, which includes nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.



Source: American Community Survey- US Census Bureau

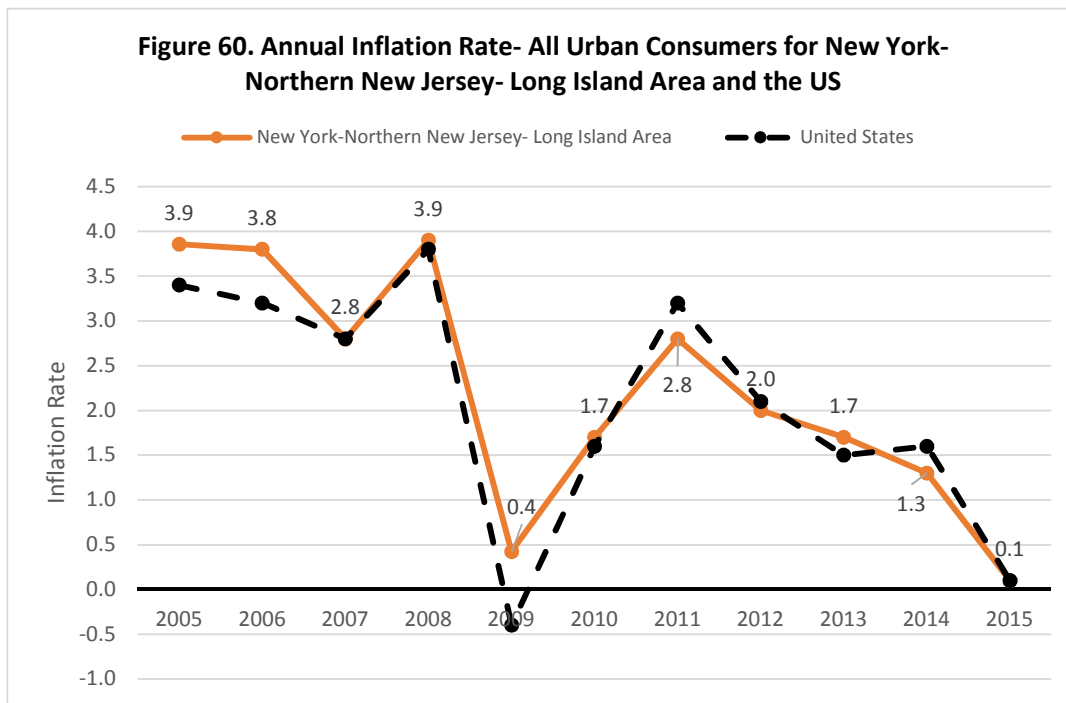


Source: American Community Survey- US Census Bureau

F4. Inflation

F4.1 Inflation Rate- All Urban Consumers

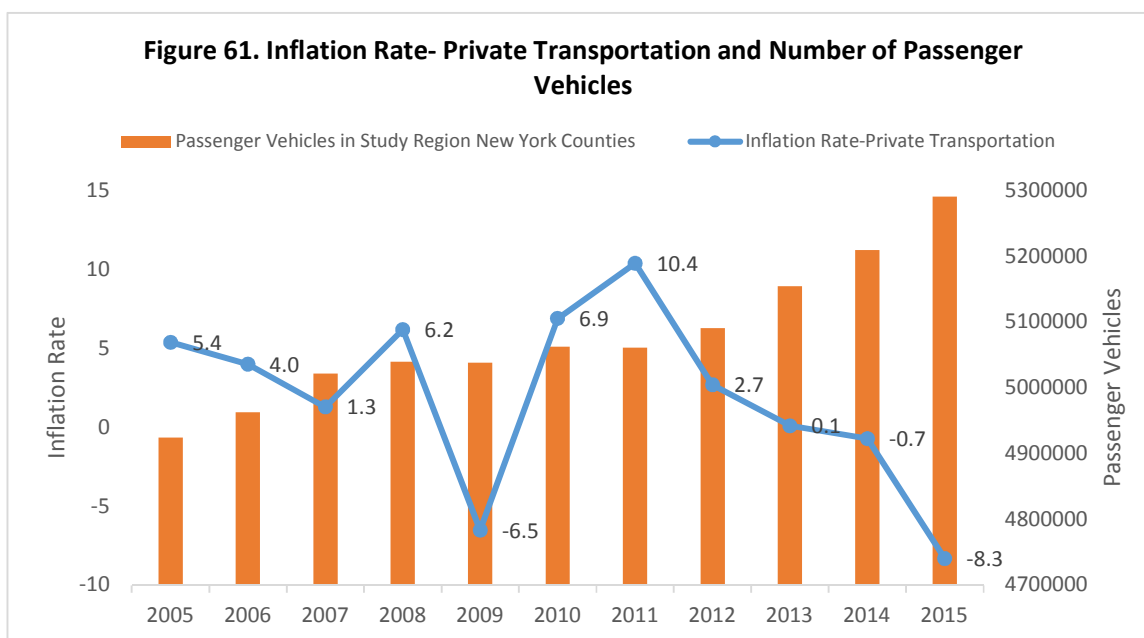
Inflation Rate- All Urban Consumers: The rate at which the level of prices of good and services for urban consumers are rising. It is calculated based on the annual consumer price index- all urban consumers (CPI-U).



Source: CPI Detailed Report- U.S. Bureau of Labor Statistics

F4.2 Inflation Rate- Private Transportation

Inflation Rate- Private Transportation: The rate at which the price level of private transportation is rising.

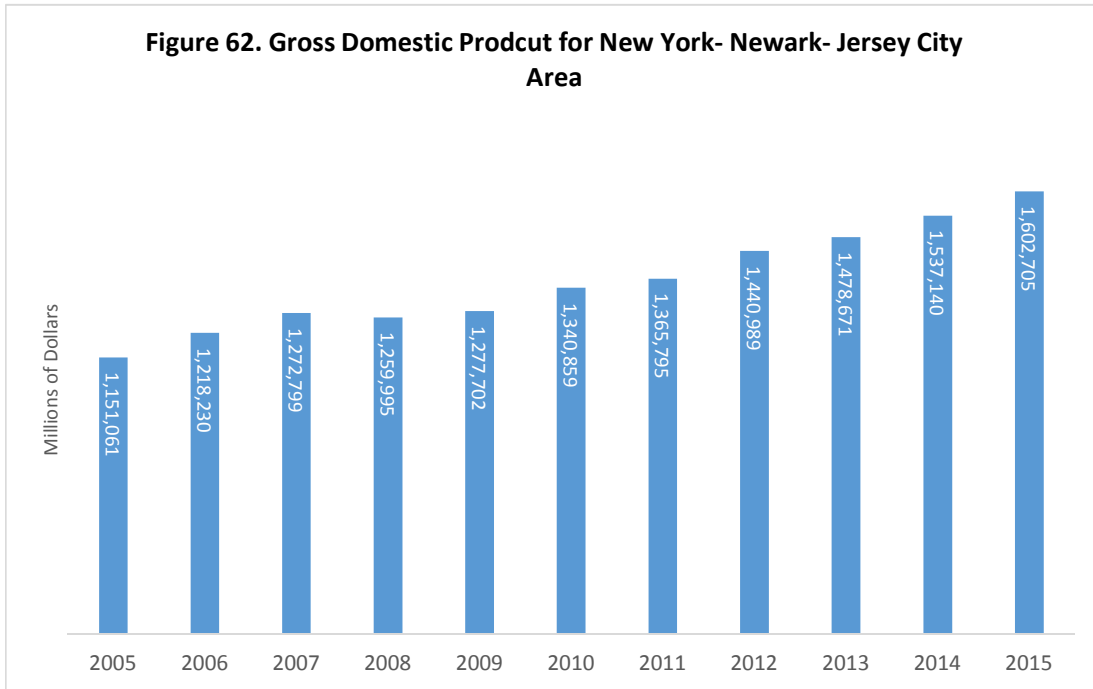


Source: CPI Detailed Report- U.S. Bureau of Labor Statistics
Department of Motor Vehicles

F5. Gross Domestic Product

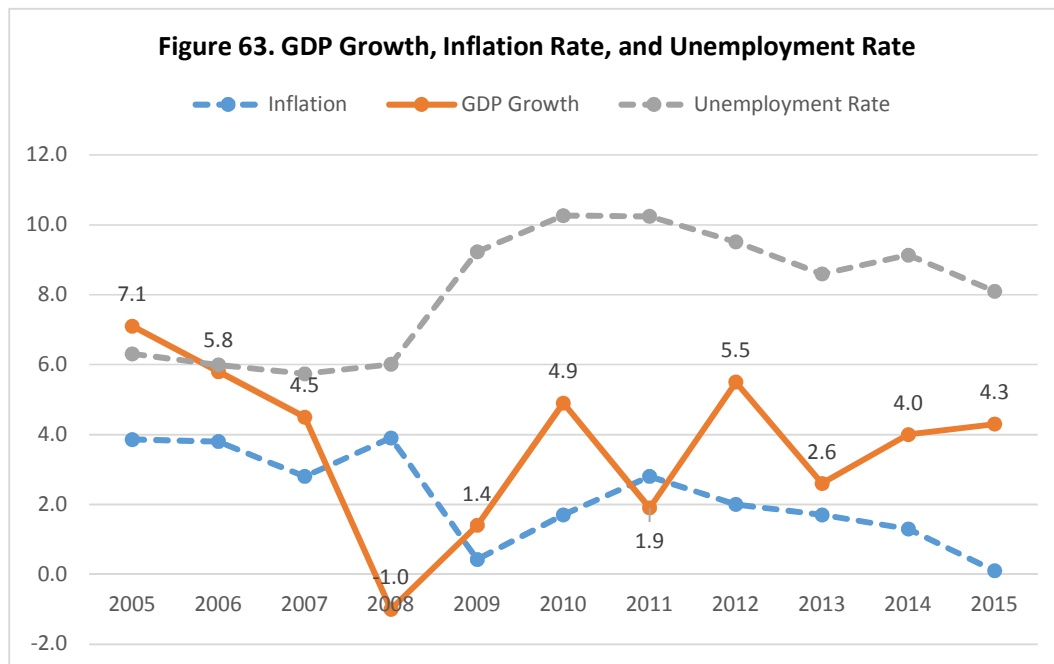
Annual Gross Domestic Product: Measure of the market value of all final goods and services produced in a year.

F5.1 Gross Domestic Product for New York-Newark- Jersey City Area



Source: Bureau of Economic Analysis, US Department of Commerce

F5.2 Gross Domestic Product Growth Rate for New York- Newark- Jersey City Area



Source: Bureau of Economic Analysis, US Department of Commerce

This page is intentionally left blank

APPENDIX A

PUBLIC TRANSIT

Table A-1 Annual Public Transit Unlinked Trips in NY-NJ-CT Region

In Millions

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	954.2	926.4	862.6	902.6	842.6	829.2	800.1	805.4	804.2	795.7	776.4
MTA Bus Company	72.3	99.3	109.7	121.0	119.9	120.2	118.3	120.9	125.0	125.6	125.4
New York City Bus Total	1,026.5	1,025.7	972.3	1,023.6	962.5	949.4	918.4	926.3	929.2	921.3	901.8
NICE Bus	31.4	32.2	32.1	32.7	30.8	30.9	30.3	29.2	28.5	28.4	27.1
Long Island Remainder	6.2	6.4	6.7	7.1	6.7	6.6	6.8	6.5	6.3	6.2	5.8
Westchester	25.1	28.9	30.9	32.3	31.9	32.3	31.9	32.1	32.5	31.4	29.9
Mid-Hudson New York	5.3	8.2	9.0	9.3	8.4	7.9	7.6	7.3	7.1	6.6	6.2
New York Suburban Bus Total	68.0	75.7	78.7	81.4	77.8	77.7	76.6	75.1	74.4	72.6	69.0
Total Downstate NY Bus	1,094.5	1,101.4	1,051.0	1,105.0	1,040.3	1,027.1	995.0	1,001.4	1,003.6	993.9	993.9
Percentage to the National Data	18.4%	18.4%	19.6%	19.9%	19.4%	20.0%	19.2%	18.9%	19.1%	20.0%	18.8%
U.S. Bus Transit	5,962.0	5,994.0	5,375.1	5,548.3	5,359.3	5,139.1	5,190.5	5,295.5	5,267.9	4,971.8	5,272.8
NY Rail Rapid Transit											
MTA NYC Transit	1,804.0	1,875.0	2,390.4	2,428.3	2,358.3	2,439.2	2,497.6	2,569.5	2,656.5	2,743.0	2,662.4
MTA Staten Island Railway	3.5	3.8	7.4	7.7	7.2	7.6	7.6	6.5	7.0	8.3	8.6
NYC Rapid Rail Transit Total	1,807.5	1,878.8	2,397.8	2,436.0	2,365.5	2,446.8	2,505.2	2,576.0	2,663.5	2,751.3	2,671.0
Percentage to the National Data	56.7%	56.4%	61.8%	60.9%	59.8%	61.1%	61.3%	61.4%	62.2%	62.3%	61.5%
U.S. Rail Rapid Transit	3,189.0	3,334.0	3,878.5	3,998.7	3,953.9	4,006.2	4,087.4	4,197.5	4,281.1	4,418.4	4,346.3
NY Suburban Rail											
MTA Metro North	74.7	76.5	79.7	82.9	79.5	80.7	81.8	82.2	83.3	84.5	85.8
MTA Long Island Rail Road	95.5	99.5	102.1	99.6	97.4	98.4	96.5	97.0	99.3	97.9	98.7
NY Suburban Rail Total	170.2	176.0	181.8	182.5	176.9	179.1	178.3	179.2	182.6	182.4	184.5
Percentage to the National Data	40.2%	39.9%	39.7%	38.7%	38.1%	38.9%	38.7%	38.2%	38.4%	37.5%	37.6%
U.S. Suburban Rail	423.0	441.0	458.0	471.3	464.0	460.0	461.3	469.1	475.5	485.8	490.8
NY-NJ Ferries											
Staten Island Ferry	20.0	20.0	19.0	19.8	21.2	21.5	21.4	22.2	21.4	21.1	21.9
Private Ferry	9.4	9.0	9.6	9.2	7.9	8.1	8.4	10.0	9.8	9.7	10.5
Ferry Total	29.4	29.0	28.6	29.0	29.1	29.6	29.8	32.2	31.2	30.8	32.4
New York Total	3,101.6	3,185.2	3,659.2	3,752.5	3,611.8	3,682.6	3,708.3	3,788.8	3,880.9	3,958.4	3,881.8
NJ Bus											
New Jersey Transit Bus	157.2	162.3	167.1	169.3	170.7	162.2	155.7	161.7	161.3	161.2	162.5
NJ Independents	45.5	43.8	42.9	41.8	40.3	38.5	38.0	35.9	33.1	32.5	25.6
New Jersey Bus Total	202.7	206.1	210.0	211.1	211.0	200.7	193.7	197.6	194.4	193.7	188.1
NJ Rail Rapid Transit											
PATH	71.3	76.2	80.6	83.6	80.0	82.9	85.9	79.9	70.6	83.0	85.5
Light Rail/ Newark City Subway	11.7	15.8	19.2	21.3	22.3	21.5	20.7	21.8	21.0	22.1	22.5
NJ Rail Rapid Transit Total	83.0	92.0	99.8	104.9	102.3	104.4	106.6	101.7	91.6	105.1	108.0
NJ Suburban Rail											
New Jersey Transit	72.6	75.4	80.3	84.5	83.6	82.2	79.6	81.4	80.1	85.6	89.3
NJ Suburban Rail Total	72.6	75.4	80.3	84.5	83.6	82.2	79.6	81.4	80.1	85.6	89.3
New Jersey Total	358.3	373.5	390.1	400.5	396.9	387.3	379.9	380.7	366.1	384.4	385.4
CT Bus											
CT Transit Bus	10.5	11.3	11.0	11.7	11.9	11.9	12.2	13.1	13.1	13.1	12.8
CT Private Bus	7.8	7.9	8.1	8.3	8.5	8.4	8.8	9.2	9.2	9.3	9.1
Connecticut Total	18.3	19.2	19.1	20.0	20.4	20.3	21.0	22.3	22.3	22.4	21.9
NY-NJ-CT Region Total	3,478.2	3,577.9	4,068.4	4,173.0	4,029.1	4,090.2	4,109.2	4,191.8	4,269.3	4,365.2	4,289.1
Percentage to U.S. Total	35.44%	35.72%	41.63%	41.40%	39.76%	41.88%	41.92%	41.80%	42.32%	42.87%	42.13%
U.S. Total	9,815.0	10,017.0	9,772.9	10,079.9	10,134.3	9,765.7	9,801.5	10,027.6	10,088.7	10,183.1	10,181.3

Source: National Transit Database- Federal Transit Administration

Table A-2 Annual Public Transit Average Weekday Unlinked Trips

In Thousands

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	3,407.9	3,308.6	3,080.7	3,223.6	3,009.3	2,961.4	2,857.5	2,876.4	2,872.1	2,841.8	2,772.9
MTA Bus Company	258.2	354.6	391.8	432.1	428.2	429.3	422.5	431.8	446.4	448.6	447.9
New York City Bus Total	3,666.1	3,663.2	3,472.5	3,655.7	3,437.5	3,390.7	3,280.0	3,308.2	3,318.6	3,290.4	3,220.7
NICE Bus	112.1	115.0	114.6	116.8	110.0	110.4	108.2	104.3	101.8	101.4	96.8
Long Island Remainder	22.1	22.9	23.9	25.4	23.9	23.6	24.3	23.2	22.5	22.1	20.7
Westchester	89.6	103.2	110.4	115.4	113.9	115.4	113.9	114.6	116.1	112.1	106.8
Mid-Hudson New York	18.9	29.3	32.1	33.3	29.9	28.2	27.1	26.1	25.4	23.6	22.1
New York Suburban Bus Total	242.9	270.4	281.1	290.8	277.8	277.5	273.6	268.2	265.7	259.3	246.4
Total Downstate NY Bus	3,908.9	3,933.6	3,753.6	3,946.6	3,715.3	3,668.2	3,553.6	3,576.4	3,584.3	3,549.6	3,467.1
NY Rail Rapid Transit											
MTA NYC Transit	6,442.9	6,696.4	8,537.1	8,672.5	8,422.5	8,711.4	8,920.0	9,176.8	9,487.5	9,796.4	9,508.6
MTA Staten Island Railway	12.5	13.6	26.4	27.5	25.7	27.1	27.1	23.2	25.0	29.6	30.7
NYC Rapid Rail Transit Total	6,455.4	6,710.0	8,563.6	8,700.0	8,448.2	8,738.6	8,947.1	9,200.0	9,512.5	9,826.1	9,539.3
NY Suburban Rail											
MTA Metro North	266.8	273.2	284.6	296.1	283.9	288.2	292.1	293.6	297.5	301.8	306.4
MTA Long Island Rail Road	341.1	355.4	364.6	355.7	347.9	351.4	344.6	346.4	354.6	349.6	352.5
NY Suburban Rail Total	607.9	628.6	649.3	651.8	631.8	639.6	636.8	640.0	652.1	651.4	658.9
NY-NJ Ferries											
Staten Island Ferry	71.4	71.4	67.9	70.7	75.7	76.8	76.4	79.3	76.4	75.4	78.2
Private Ferry	33.6	32.1	34.3	32.9	28.2	28.9	30.0	35.7	35.0	34.6	37.5
Ferry Total	105.0	103.6	102.1	103.6	103.9	105.7	106.4	115.0	111.4	110.0	115.7
New York Total	11,077.1	11,375.7	13,068.6	13,401.9	12,899.2	13,152.1	13,243.9	13,531.4	13,860.4	14,137.1	13,781.0
NJ Bus											
New Jersey Transit Bus	561.4	579.6	596.8	604.6	609.6	579.3	556.1	577.5	576.1	575.7	580.2
NJ Independents	162.5	156.4	153.2	149.3	143.9	137.5	135.7	128.2	118.2	116.1	91.6
New Jersey Bus Total	723.9	736.1	750.0	753.9	753.6	716.8	691.8	705.7	694.3	691.8	671.8
NJ Rail Rapid Transit											
PATH	254.6	272.1	287.9	298.6	285.7	296.1	306.8	285.4	252.1	296.4	305.4
Light Rail/ Newark City Subway	41.8	56.4	68.6	76.1	79.6	76.8	73.9	77.9	75.0	78.9	80.4
NJ Rail Rapid Transit Total	296.4	328.6	356.4	374.6	365.4	372.9	380.7	363.2	327.1	375.4	385.7
NJ Suburban Rail											
New Jersey Transit	259.3	269.3	286.8	301.8	298.6	293.6	284.3	290.7	286.1	305.7	318.9
NJ Suburban Rail Total	259.3	269.3	286.8	301.8	298.6	293.6	284.3	290.7	286.1	305.7	318.9
New Jersey Total	1,279.6	1,333.9	1,393.2	1,430.4	1,417.5	1,383.2	1,356.8	1,359.6	1,307.5	1,372.9	1,376.4
CT Bus											
CT Transit Bus	37.5	40.4	39.3	41.8	42.5	42.5	43.6	46.8	46.8	46.8	45.7
CT Private Bus	27.9	28.2	28.9	29.6	30.4	30.0	31.4	32.9	32.9	33.2	32.5
Connecticut Total	65.4	68.6	68.2	71.4	72.9	72.5	75.0	79.6	79.6	80.0	78.2
NY-NJ-CT Region Total	12,422.1	12,778.2	14,530.0	14,903.7	14,389.6	14,607.9	14,675.7	14,970.7	15,247.5	15,590.0	15,235.6

Source: NYMTC

Table A-3 Annual Public Transit Vehicle-Miles Traveled

In Millions

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	121.2	101.5	101.3	102.9	102.7	97.3	95.1	95.1	98.5	97.8	98.7
MTA Bus Company	15.4	29.3	26.0	27.2	27.3	26.4	25.9	26.5	26.6	26.8	27.0
New York City Bus Total	136.6	130.8	127.3	130.1	130.0	123.7	121.0	121.6	125.1	124.6	125.7
NICE Bus	13.0	10.1	10.2	10.6	10.8	10.8	10.4	9.5	9.5	9.7	9.6
Long Island Remainder	10.8	7.7	7.7	7.8	7.7	7.7	7.7	7.8	7.9	8.3	8.4
Westchester	9.1	8.2	8.4	8.5	8.5	8.0	7.7	7.6	7.8	7.8	7.8
Mid-Hudson New York	7.8	8.6	8.9	9.0	7.8	7.7	7.4	7.4	7.6	7.6	7.6
New York Suburban Bus Total	40.7	34.6	35.2	35.9	34.8	34.2	33.2	32.3	32.8	33.4	33.4
Total Downstate NY Bus	177.3	165.4	162.5	166.0	164.8	157.9	154.2	153.9	157.9	158.0	159.1
Percentage to the National Data	7.1%	6.6%	8.4%	8.4%	8.4%	8.2%	8.3%	8.3%	8.5%	8.5%	7.6%
U.S. Bus Transit	2,497.7	2,507.1	1,942.9	1,967.5	1,969.3	1,917.1	1,862.2	1,849.9	1,853.5	1,866.5	2,087.3
NY Rail Rapid Transit											
MTA NYC Transit	335.7	339.4	338.4	347.4	352.5	350.2	342.6	341.6	345.0	345.1	345.4
MTA Staten Island Railway	2.1	2.2	2.2	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.6
NYC Rapid Rail Transit Total	337.8	341.6	340.6	349.8	354.8	352.5	345.0	344.0	347.4	347.5	348.0
Percentage to the National Data	47.2%	47.0%	47.2%	47.2%	46.9%	47.7%	47.5%	47.0%	46.0%	45.6%	44.3%
U.S. Rail Rapid Transit	715.4	726.4	720.9	741.7	755.7	739.0	725.7	731.2	755.5	762.8	784.6
NY Suburban Rail											
MTA Metro North	52.0	54.5	56.7	59.1	58.8	57.8	58.1	61.2	65.2	68.1	69.7
MTA Long Island Rail Road	58.7	60.8	62.7	64.4	65.1	63.8	61.9	62.8	64.8	66.6	67.5
NY Suburban Rail Total	110.7	115.3	119.4	123.5	123.9	121.6	120.0	124.0	130.0	134.7	137.2
Percentage to the National Data	36.5%	36.6%	40.2%	40.0%	39.7%	38.6%	38.6%	39.0%	39.7%	39.8%	40.1%
U.S. Suburban Rail	303.4	314.8	296.8	309.0	312.2	314.7	311.2	317.7	327.1	338.5	342.1
NY Ferries											
Staten Island Ferry	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
New York Total	626.0	622.5	622.7	639.4	643.7	632.2	619.4	622.1	635.5	640.4	644.4
NJ Bus											
New Jersey Transit Bus	84.9	77.0	79.0	80.1	80.9	79.2	77.9	78.1	77.5	79.3	79.6
NJ Independents	44.1	42.3	42.1	41.4	42.5	39.3	39.6	38.7	38.4	37.8	33.4
New Jersey Bus Total	129.0	119.3	121.1	121.5	123.4	118.5	117.5	116.8	115.9	117.1	112.9
NJ Rail Rapid Transit											
PATH	12.9	12.2	12.2	12.2	12.2	12.2	12.2	10.0	9.9	13.3	13.0
Light Rail/ Newark City Subway	1.3	3.4	4.2	4.1	3.9	3.9	3.6	3.6	3.7	3.8	3.7
NJ Rail Rapid Transit Total	14.2	15.6	16.4	16.3	16.1	16.1	15.8	13.6	13.6	17.1	16.7
NJ Suburban Rail											
New Jersey Transit	57.3	59.0	59.1	61.5	59.8	64.3	63.0	62.3	60.8	62.9	63.0
NJ Suburban Rail Total	57.3	59.0	59.1	61.5	59.8	64.3	63.0	62.3	60.8	62.9	63.0
New Jersey Total	200.5	193.9	196.6	199.3	199.3	198.9	196.3	192.7	190.3	197.1	192.6
CT Bus											
CT Transit Bus	4.3	4.3	4.6	4.9	5.0	5.1	5.1	5.2	5.1	5.2	5.2
CT Private Bus	5.7	4.3	4.2	4.4	4.5	4.7	4.6	4.6	4.5	4.5	4.3
Connecticut Total	10.0	8.6	8.8	9.3	9.5	9.8	9.7	9.8	9.6	9.7	9.5
NY-NJ-CT Region Total	836.5	825.0	828.1	848.0	852.5	840.9	825.4	824.6	835.4	847.2	846.5
Percentage to U.S. Total	18.18%	17.61%	21.97%	28.06%	35.72%	28.16%	28.44%	28.41%	28.42%	28.41%	26.31%
U.S. Total	4,601.4	4,684.2	3,769.0	3,021.7	2,386.3	2,985.8	2,902.3	2,902.0	2,939.4	2,982.0	3,217.7

Source: National Transit Database- Federal Transit Administration

Table A-4 Annual Public Transit Passenger-Miles Traveled

In Millions

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	1,973.0	1,871.1	1,812.1	1,861.3	1,838.4	1,834.6	1,785.7	1,808.2	1,814.7	1,767.8	1,751.3
MTA Bus Company	245.5	n/a	298.0	297.2	327.8	360.8	343.5	371.2	370.5	349.7	371.0
New York City Bus Total	2,218.5	1,871.1	2,110.1	2,158.5	2,166.2	2,195.4	2,129.2	2,179.4	2,185.2	2,117.5	2,122.3
NICE Bus	155.8	158.4	164.5	158.4	151.0	158.5	150.5	143.7	139.5	134.9	151.3
Long Island Remainder	51.6	52.8	54.7	44.6	42.5	42.8	50.3	48.0	46.1	41.7	38.0
Westchester	125.0	142.5	152.1	148.3	146.9	148.3	136.3	138.6	140.1	153.7	146.2
Mid-Hudson New York	35.1	85.4	104.1	111.3	95.1	90.6	86.2	88.6	91.6	90.8	78.0
New York Suburban Bus Total	367.5	439.1	475.4	462.6	435.5	440.2	423.3	418.9	417.3	421.1	413.5
Total Downstate NY Bus	2,586.0	2,310.2	2,585.5	2,621.1	2,601.7	2,635.6	2,552.5	2,598.3	2,602.5	2,538.6	2,535.8
Percentage to the National Data	11.8%	10.1%	12.6%	12.3%	12.3%	12.8%	12.3%	12.2%	12.2%	11.8%	12.5%
U.S. Bus Transit	21,998.0	22,985.0	20,543.6	21,358.8	21,100.0	20,569.7	20,718.9	21,304.1	21,413.6	21,586.7	20,239.3
NY Rail Rapid Transit											
MTA NYC Transit	8,402.1	8,338.0	9,646.8	9,998.1	9,972.8	9,709.8	10,316.7	10,327.2	10,866.0	11,152.7	10,870.5
MTA Staten Island Railway	21.3	23.3	45.4	45.2	42.6	45.1	44.2	37.7	41.4	52.0	53.6
NYC Rapid Rail Transit Total	8,423.4	8,361.3	9,692.2	10,043.3	10,015.4	9,754.9	10,360.9	10,364.9	10,907.4	11,204.7	10,924.1
Percentage to the National Data	52.3%	50.4%	53.6%	53.1%	52.7%	52.5%	52.9%	52.1%	53.3%	53.6%	52.5%
U.S. Rail Rapid Transit	16,118.0	16,587.0	18,068.3	18,931.0	19,001.2	18,579.6	19,584.0	19,906.4	20,463.8	20,920.3	20,805.1
NY Suburban Rail											
MTA Metro North	1,551.9	1,784.8	2,127.2	2,181.7	2,199.5	1,978.0	2,613.2	2,437.3	2,501.2	2,588.1	2,339.3
MTA Long Island Rail Road	1,925.7	2,207.0	2,257.9	1,872.3	1,954.7	2,217.6	2,087.9	2,083.4	2,161.0	1,917.2	2,220.7
NY Suburban Rail Total	3,477.6	3,991.8	4,385.1	4,054.0	4,154.2	4,195.6	4,701.1	4,520.7	4,662.2	4,505.3	4,560.0
Percentage to the National Data	36.7%	38.5%	39.4%	36.7%	37.3%	38.9%	41.6%	40.7%	39.7%	38.8%	39.0%
U.S. Suburban Rail	9,473.0	10,361.0	11,136.8	11,032.0	11,129.4	10,773.7	11,314.2	11,120.6	11,735.6	11,599.8	11,687.4
NY Ferries											
Staten Island Ferry	104.2	104.0	98.8	102.8	107.7	112.4	111.3	115.3	1113.0	108.7	113.9
New York Total	14,591.2	14,767.3	16,761.6	16,821.2	16,879.0	16,698.5	17,725.8	17,599.2	19,285.1	18,357.3	18,133.7
NJ Bus											
New Jersey Transit Bus	996.2	966.0	982.8	1,051.7	1,055.7	1,081.9	1,083.5	1,040.4	1,086.0	1,121.9	1,071.3
NJ Independents	942.5	921.5	917.4	924.4	886.6	836.9	866.6	855.1	913.9	904.5	n/a
New Jersey Bus Total	1,938.7	1,887.5	1,900.2	1,976.1	1,942.3	1,918.8	1,950.1	1,895.5	1,999.9	2,026.4	1,071.3
NJ Rail Rapid Transit											
PATH	301.3	332.9	351.2	358.3	341.2	351.6	366.6	339.7	296.6	349.9	360.9
Light Rail/ Newark City Subway	27.2	72.9	73.9	97.0	105.0	100.9	97.7	97.8	96.8	102.6	105.3
NJ Rail Rapid Transit Total	328.5	405.8	425.1	455.3	446.2	452.5	464.3	437.5	393.4	452.5	466.2
NJ Suburban Rail											
New Jersey Transit	2,000.0	2,128.6	2,280.9	2,343.4	2,342.3	2,031.6	1,995.5	1,905.0	2,225.0	2,172.5	2,186.6
NJ Suburban Rail Total	2,000.0	2,128.6	2,280.9	2,343.4	2,342.3	2,031.6	1,995.5	1,905.0	2,225.0	2,172.5	2,186.6
New Jersey Total	4,267.2	4,421.9	4,608.2	4,774.8	4,730.8	4,402.9	4,409.9	4,238.0	4,618.3	4,651.4	3,724.1
NY-NJ Region Total	18,858.4	19,189.2	21,367.8	21,596.0	21,609.8	21,101.4	22,135.7	21,837.2	23,903.4	23,008.7	21,857.8
Percentage to U.S. Total	37.96%	36.79%	42.63%	41.76%	41.75%	41.81%	42.56%	41.41%	44.25%	42.20%	41.10%
U.S. Total	49,678.0	52,154.0	50,129.5	51,712.0	51,763.4	50,471.1	52,006.5	52,732.6	54,015.3	54,521.0	53,182.3

Source: National Transit Database- Federal Transit Administration
n/a: Not Available

Table A-5 Annual Public Transit Operating Revenue Excluding Operating Subsidies

In Millions of Dollars

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	946.5	828.8	835.1	865.0	889.9	907.0	932.0	946.8	991.8	1,061.3	1,023.5
MTA Bus Company	236.9	n/a	n/a	167.2	171.4	181.1	186.2	187.8	204.4	209.2	213.4
New York City Bus Total	1,183.4	828.8	835.1	1,032.2	1,061.4	1,088.1	1,118.2	1,134.6	1,196.2	1,270.5	1,236.9
NICE Bus	42.6	41.8	42.1	47.3	43.5	45.7	46.9	42.5	44.7	45.1	45.3
Long Island Remainder	9.1	7.4	7.6	8.9	7.6	7.5	7.9	9.0	9.2	9.0	8.4
Westchester	119.6	42.2	39.1	41.6	42.2	43.2	47.4	47.4	51.0	50.9	50.2
Mid-Hudson New York	13.7	23.4	25.7	22.1	26.0	24.8	24.9	26.1	26.9	23.8	22.7
New York Suburban Bus Total	185.0	114.8	114.5	119.9	119.4	121.2	127.1	125.0	131.8	128.9	126.7
Total Downstate NY Bus	1,368.4	943.6	949.6	1,152.0	1,180.7	1,209.3	1,245.3	1,259.6	1,328.0	1,399.4	1,363.7
NY Rail Rapid Transit											
MTA NYC Transit	1,864.5	2,081.3	2,195.0	2,346.0	2,433.8	2,427.9	2,897.2	2,982.6	3,194.5	3,543.7	3,515.3
MTA Staten Island Railway	5.0	5.1	5.4	6.3	6.4	7.1	7.8	7.9	8.0	14.1	8.3
NYC Rapid Rail Transit Total	1,869.5	2,086.4	2,200.4	2,352.3	2,440.2	2,435.0	2,905.0	2,990.5	3,202.5	3,557.8	3,523.6
NY Suburban Rail											
MTA Metro North	470.5	490.4	511.1	538.5	542.1	573.4	615.2	638.8	681.0	712.2	702.4
MTA Long Island Rail Road	469.1	499.1	512.8	544.6	545.9	557.6	605.9	665.1	692.7	710.1	726.5
NY Suburban Rail Total	939.6	989.5	1023.9	1083.1	1088.0	1131.0	1221.1	1303.9	1373.7	1422.3	1429.0
NY Ferries											
Staten Island Ferry	1.3	104.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
New York Total	4,178.8	4,123.5	4,173.9	4,587.4	4,709.0	4,775.6	5,371.4	5,554.0	5,904.2	6,379.4	6,316.3
NJ Bus											
New Jersey Transit Bus	326.9	333.2	352.8	382.2	401.8	352.1	381.1	397.0	415.7	419.3	385.7
NJ Independents	189.4	181.8	208.2	212.6	204.3	202.0	225.6	230.9	225.4	236.2	207.2
New Jersey Bus Total	516.3	515.0	561.0	594.8	606.1	554.1	606.7	627.9	641.1	655.5	592.9
NJ Rail Rapid Transit											
PATH	91.4	258.8	282.5	337.9	267.9	345.8	389.1	389.5	279.8	321.5	255.4
Light Rail/ Newark City Subway	11.1	16.7	21.6	25.5	27.2	23.6	24.4	25.5	25.1	25.0	22.8
NJ Rail Rapid Transit Total	102.5	275.5	304.1	363.4	295.2	369.4	413.5	415.0	304.9	346.5	278.2
NJ Suburban Rail											
NJ Suburban Rail Total	319.0	423.2	473.2	517.7	533.7	477.0	539.8	560.5	564.3	599.8	567.4
New Jersey Total	937.8	1213.7	1338.3	1476.0	1435.0	1400.5	1560.0	1603.4	1510.4	1601.8	1438.5
CT Bus											
CT Transit Bus	9.5	10.1	10.1	10.6	11.2	11.2	11.9	12.9	13.4	13.2	12.6
CT Private Bus	7.9	7.9	8.1	8.1	8.8	8.5	9.1	9.3	8.9	9.9	9.4
Connecticut Total	17.4	18.0	18.2	18.7	19.9	19.7	21.0	22.2	22.3	23.1	22.0
NY-NJ-CT Region Total	5,134.0	5,355.2	5,530.4	6,082.1	6,164.0	6,195.8	6,952.4	7,179.6	7,436.9	8,004.4	7,776.7

Source: National Transit Database- Federal Transit Administration

n/a: Not Available

Table A-6 Annual Public Transit Passenger Revenue

In Millions of Dollars

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	765.9	775.2	772.3	802.3	821.1	838.9	868.2	870.5	941.0	949.9	964.8
MTA Bus Company	82.9	105.3	139.3	155.3	160.0	167.9	179.0	181.9	199.2	203.6	210.3
New York City Bus Total	848.8	880.5	911.6	957.6	981.1	1,006.8	1,047.2	1,052.4	1,140.2	1,153.5	1,175.1
NICE Bus	41.1	40.2	40.6	42.4	41.7	44.7	46.1	41.9	44.1	44.6	45.1
Long Island Remainder	8.1	7.1	7.2	7.5	7.2	7.1	7.5	8.6	9.0	8.8	8.4
Westchester	31.3	42.2	39.1	41.6	42.2	43.2	45.8	45.7	48.6	48.6	49.4
Mid-Hudson New York	10.9	23.3	25.5	22.0	21.3	20.7	21.2	22.4	22.5	22.1	22.4
New York Suburban Bus Total	91.4	112.8	112.4	113.5	112.4	115.7	120.6	118.6	124.2	124.1	125.3
Total Downstate NY Bus	940.2	993.3	1,024.0	1,071.1	1,093.5	1,122.5	1,167.8	1,171.0	1,264.4	1,277.6	1,300.4
Percentage to the National Data	19.5%	18.7%	22.6%	22.3%	22.3%	22.8%	22.0%	21.3%	22.1%	22.1%	22.1%
U.S. Bus Transit	4,821.3	5,299.1	4,532.6	4,793.3	4,893.5	4,922.5	5,304.1	5,496.1	5,709.1	5,784.6	5,876.6
NY Rail Rapid Transit											
MTA NYC Transit	1,857.0	1,946.8	2,030.0	2,176.1	2,245.6	2,245.6	2,698.8	2,742.1	3,031.0	3,171.8	3,313.6
MTA Staten Island Railway	4.6	5.1	5.4	5.8	5.8	6.5	7.2	7.0	7.3	7.6	8.2
NYC Rapid Rail Transit Total	1,861.6	1,951.9	2,035.4	2,181.9	2,251.4	2,252.1	2,706.0	2,749.1	3,038.3	3,179.4	3,321.8
Percentage to the National Data	57.2%	55.6%	55.7%	54.4%	53.7%	53.7%	56.1%	55.5%	55.8%	56.4%	56.1%
U.S. Rail Rapid Transit	3,255.6	3,511.0	3,654.9	4,007.9	4,193.5	4,193.5	4,826.1	4,956.9	5,448.2	5,632.4	5,920.6
NY Suburban Rail											
MTA Metro North	438.1	454.4	476.6	502.6	501.9	526.7	567.5	587.5	619.0	649.8	667.6
MTA Long Island Rail Road	442.3	457.4	479.4	506.9	509.3	523.2	571.7	581.4	632.2	660.6	700.7
NY Suburban Rail Total	880.4	911.8	956.0	1009.5	1011.2	1049.9	1139.2	1168.9	1251.2	1310.4	1368.3
Percentage to the National Data	51.0%	49.0%	48.2%	46.7%	46.5%	47.0%	46.8%	45.8%	46.6%	46.2%	45.8%
U.S. Suburban Rail	1,727.9	1,860.9	1,981.4	2,160.5	2,176.4	2,232.6	2,434.2	2,550.7	2,685.4	2,837.3	2,984.3
NY Ferries											
Staten Island Ferry	0.3	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0
New York Total	3,682.5	3,857.0	4,015.4	4,262.5	4,356.4	4,424.7	5,013.0	5,089.0	5,553.9	5,767.4	5,990.5
NJ Bus											
New Jersey Transit Bus	251.3	276.8	285.6	313.4	314.3	315.5	350.2	358.2	362.1	364.2	367.9
NJ Independents	173.7	181.8	188.8	193.9	180.2	180.5	189.5	212.7	207.9	212.4	189.8
New Jersey Bus Total	425.0	458.6	474.4	507.3	494.5	496.0	539.7	570.9	570.0	576.6	557.7
NJ Rail Rapid Transit											
PATH	91.4	87.5	92.6	105.5	100.9	104.7	114.7	126.0	141.3	158.0	174.0
Light Rail/ Newark City Subway	10.2	13.9	17.5	20.9	21.3	21.1	22.4	23.0	21.9	21.7	21.7
NJ Rail Rapid Transit Total	101.6	101.4	110.1	126.4	122.2	125.8	137.1	149.0	163.2	179.7	195.7
NJ Suburban Rail											
NJ Suburban Rail Total	297.7	351.6	385.4	424.5	417.5	427.4	496.0	505.7	491.5	520.9	541.2
New Jersey Total	824.3	911.6	969.9	1058.2	1034.2	1049.2	1172.8	1225.6	1224.7	1277.2	1294.6
CT Bus											
CT Transit Bus	9.0	9.8	9.9	10.4	10.9	10.8	11.6	12.6	13.0	12.8	12.5
CT Private Bus	7.4	7.4	7.6	7.6	8.1	8.1	8.8	9.0	8.6	9.6	9.3
Connecticut Total	16.4	17.2	17.5	18.0	19.0	18.9	20.4	21.6	21.6	22.4	21.8
NY-NJ-CT Region Total	4,523.2	4,785.8	5,002.8	5,338.7	5,409.6	5,492.8	6,206.2	6,336.2	6,800.2	7,067.0	7,306.8
Percentage to U.S. Total	44.05%	42.75%	48.64%	48.18%	47.26%	46.78%	48.91%	48.24%	48.66%	49.09%	48.79%
U.S. Total	10,269.1	11,194.9	10,285.5	11,081.0	11,446.5	11,740.7	12,688.4	13,136.0	13,976.2	14,396.8	14,976.4

Source: National Transit Database- Federal Transit Administration

Table A-7 Annual Public Transit Operating Expense

In Millions of Dollars

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	1,898.1	1,914.2	2,092.1	2,290.1	2,289.5	2,290.5	2,406.5	2,501.9	2,753.7	2,892.6	2,948.0
MTA Bus Company	234.7	n/a	n/a	522.7	506.9	557.1	528.9	525.6	561.9	641.5	642.2
New York City Bus Total	2,132.8	1,914.2	2,092.1	2,812.8	2,796.4	2,847.6	2,935.4	3,027.5	3,315.6	3,534.1	3,590.2
NICE Bus	113.5	110.2	116.4	126.5	115.6	125.9	130.8	99.9	99.6	104.9	111.4
Long Island Remainder	44.3	35.8	37.7	40.9	40.8	41.8	45.3	43.5	45.3	47.8	48.7
Westchester	96.3	104.9	108.0	114.5	120.9	115.2	119.0	121.5	125.1	127.9	132.2
Mid-Hudson New York	42.8	41.5	44.1	47.3	43.6	43.8	45.1	44.8	46.1	46.9	50.5
New York Suburban Bus Total	296.9	292.4	306.2	329.2	320.9	326.7	340.2	309.7	316.1	327.5	342.7
Total Downstate NY Bus	2,429.7	2,206.6	2,398.3	3,142.0	3,117.3	3,174.3	3,275.6	3,337.2	3,631.7	3,861.6	3,932.9
Percentage to the National Data	14.3%	12.2%	14.3%	17.3%	17.0%	17.3%	17.4%	17.3%	18.5%	18.6%	17.9%
U.S. Bus Transit	16,982.5	18,013.3	16,811.9	18,177.4	18,312.8	18,399.2	18,806.2	19,293.2	19,605.2	20,707.7	21,911.4
NY Rail Rapid Transit											
MTA NYC Transit	2,717.5	2,707.7	3,028.5	3,250.0	3,313.1	3,345.9	3,525.4	3,744.1	4,764.0	5,022.1	5,200.2
MTA Staten Island Railway	27.3	27.7	32.9	29.4	40.5	35.6	33.1	40.3	43.0	48.3	50.0
NYC Rapid Rail Transit Total	2,744.8	2,735.4	3,061.4	3,279.4	3,353.6	3,381.5	3,558.5	3,784.4	4,807.0	5,070.4	5,250.2
Percentage to the National Data	44.8%	43.0%	43.4%	44.4%	43.5%	43.0%	43.8%	44.4%	48.9%	48.4%	48.3%
U.S. Rail Rapid Transit	6,122.9	6,357.6	7,051.1	7,387.0	7,703.8	7,868.5	8,119.7	8,530.7	9,838.4	10,478.5	10,870.0
NY Suburban Rail											
MTA Metro North	715.1	749.2	803.4	857.4	858.5	888.8	910.5	940.7	1,071.6	1,154.9	1,134.7
MTA Long Island Rail Road	944.5	975.3	1,034.9	1,057.1	1,104.5	1,074.7	1,069.8	1,163.5	1,219.0	1,303.0	1,290.6
NY Suburban Rail Total	1,659.6	1,724.5	1,838.3	1,914.5	1,963.0	1,963.5	1,980.3	2,104.2	2,290.6	2,457.9	2,425.2
Percentage to the National Data	45.3%	45.7%	45.9%	44.6%	43.3%	42.7%	42.4%	42.7%	43.3%	43.4%	42.3%
U.S. Suburban Rail	3,663.2	3,771.4	4,000.9	4,293.8	4,537.7	4,595.2	4,668.8	4,928.7	5,287.6	5,659.7	5,734.4
NY Ferries											
Staten Island Ferry	68.5	88.1	100.1	118.8	126.4	135.5	132.1	139.9	141.0	138.2	138.4
New York Total	6,902.6	6,754.6	7,398.1	8,454.7	8,560.3	8,654.8	8,946.5	9,365.7	10,870.3	11,528.1	11,746.7
NJ Bus											
New Jersey Transit Bus	625.1	674.5	710.9	749.8	810.6	778.1	780.6	812.3	847.0	873.4	868.2
NJ Independents	183.1	196.4	203.4	214.2	193.4	198.0	192.8	199.4	204.5	220.7	203.9
New Jersey Bus Total	808.2	870.9	914.3	964.0	1,004.0	976.1	973.4	1,011.7	1,051.5	1,094.1	1,072.1
NJ Rail Rapid Transit											
PATH	196.7	194.9	223.6	223.6	233.0	297.9	316.9	311.9	330.5	391.7	389.3
Light Rail	30.3	87.2	107.7	114.6	118.8	114.2	114.2	131.8	134.2	130.4	134.7
NJ Rail Rapid Transit Total	227.0	282.1	331.3	338.2	351.8	412.1	431.1	443.7	464.7	522.1	524.0
NJ Suburban Rail											
NJ Suburban Rail Total	660.8	685.2	748.7	765.1	841.8	838.5	838.9	869.9	917.1	961.8	943.5
New Jersey Total	1,696.0	1,838.2	1,994.3	2,067.3	2,197.6	2,226.7	2,243.4	2,325.3	2,433.3	2,578.0	2,539.6
CT Bus											
CT Transit Bus	30.5	32.9	34.9	37.5	46.3	45.4	50.8	53.7	56.8	57.4	56.3
CT Private Bus	29.1	23.6	25.2	27.2	30.4	31.5	32.9	33.7	33.9	35.7	34.8
Connecticut Total	59.6	56.5	60.1	64.7	76.7	76.9	83.7	87.4	90.7	93.1	91.1
NY-NJ-CT Region Total	8,658.2	8,649.3	9,452.5	10,586.7	10,834.6	10,958.4	11,273.6	11,778.4	13,394.3	14,199.2	14,377.4
Percentage to U.S. Total	28.58%	27.00%	33.18%	34.86%	34.63%	34.69%	35.11%	35.37%	37.71%	37.95%	36.72%

Source: National Transit Database- Federal Transit Administration

n/a: Not Available

Table A-8 Annual Public Transit Deficits or Surplus

In Millions of Dollars

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	-951.6	-1,085.4	-1,257.0	-1,425.1	-1,399.6	-1,383.5	-1,474.5	-1,555.1	-1,761.9	-1,831.3	-1,924.4
MTA Bus Company	2.2	n/a	n/a	-355.5	-335.5	-376.0	-342.7	-337.8	-357.5	-432.3	-428.8
New York City Bus Total	-949.4	-1,085.4	-1,257.0	-1,780.6	-1,735.0	-1,759.5	-1,817.2	-1,892.9	-2,119.4	-2,263.6	-2,353.2
NICE Bus	-70.9	-68.4	-74.3	-79.2	-72.1	-80.2	-83.9	-57.4	-54.9	-59.8	-66.1
Long Island Remainder	-35.2	-28.4	-30.1	-32.0	-33.2	-34.3	-37.4	-34.5	-36.1	-38.8	-40.2
Westchester	23.3	-62.7	-68.9	-72.9	-78.7	-72.0	-71.6	-74.1	-74.1	-77.0	-82.0
Mid-Hudson New York	-29.1	-18.1	-18.4	-25.2	-17.6	-19.0	-20.2	-18.7	-19.2	-23.1	-27.8
New York Suburban Bus Total	-111.9	-177.6	-191.7	-209.3	-201.5	-205.5	-213.1	-184.7	-184.3	-198.6	-216.0
Total Downstate NY Bus	-1,061.3	-1,263.0	-1,448.7	-1,990.0	-1,936.6	-1,965.0	-2,030.3	-2,077.6	-2,303.7	-2,462.2	-2,569.2
NY Rail Rapid Transit											
MTA NYC Transit	-853.0	-626.4	-833.5	-904.0	-879.3	-918.0	-628.2	-761.5	-1,569.5	-1,478.4	-1,684.9
MTA Staten Island Railway	-22.3	-22.6	-27.5	-23.1	-34.1	-28.5	-25.3	-32.4	-35.0	-34.2	-41.7
NYC Rapid Rail Transit Total	-875.3	-649.0	-861.0	-927.1	-913.4	-946.5	-653.5	-793.9	-1,604.5	-1,512.6	-1,726.6
NY Suburban Rail											
MTA Metro North	-244.6	-258.8	-292.3	-318.9	-316.4	-315.4	-295.3	-301.9	-390.6	-442.7	-432.2
MTA Long Island Rail Road	-475.4	-476.2	-522.1	-512.5	-558.6	-517.1	-463.9	-498.4	-526.3	-592.9	-564.0
NY Suburban Rail Total	-720.0	-735.0	-814.4	-831.4	-875.0	-832.5	-759.2	-800.3	-916.9	-1035.6	-996.3
NY Ferries											
Staten Island Ferry	-67.2	15.9	-100.1	-118.8	-126.4	-135.2	-132.1	-139.9	-141.0	-138.2	-138.4
New York Total	-2,723.8	-2,631.1	-3,224.2	-3,867.3	-3,851.3	-3,879.2	-3,575.1	-3,811.7	-4,966.1	-5,148.7	-5,430.4
NJ Bus											
New Jersey Transit Bus	-298.2	-341.3	-358.1	-367.6	-408.8	-426.0	-399.5	-415.3	-431.3	-454.1	-482.5
NJ Independents	6.3	-14.6	4.8	-1.6	10.9	4.0	32.8	31.5	20.9	15.5	3.3
New Jersey Bus Total	-291.9	-355.9	-353.3	-369.2	-397.9	-422.0	-366.7	-383.8	-410.4	-438.6	-479.2
NJ Rail Rapid Transit											
PATH	-105.3	63.9	58.9	114.3	34.9	47.9	72.2	77.6	-50.7	-70.2	-133.9
Light Rail/ Newark City Subway	-19.2	-70.5	-86.1	-89.1	-91.6	-90.6	-89.8	-106.3	-109.1	-105.4	-111.9
NJ Rail Rapid Transit Total	-124.5	-6.6	-27.2	25.2	-56.6	-42.7	-17.6	-28.7	-159.8	-175.6	-245.8
NJ Suburban Rail											
NJ Suburban Rail Total	-341.8	-262.0	-275.5	-247.4	-308.1	-361.5	-299.1	-309.4	-352.8	-362.0	-376.1
New Jersey Total	-758.2	-624.5	-656.0	-591.3	-762.6	-826.2	-683.4	-721.9	-922.9	-976.2	-1101.1
CT Bus											
CT Transit Bus	-21.0	-22.8	-24.8	-26.9	-35.1	-34.2	-38.9	-40.8	-43.4	-44.2	-43.7
CT Private Bus	-21.2	-15.7	-17.1	-19.1	-21.6	-23.0	-23.8	-24.4	-25.0	-25.8	-25.5
Connecticut Total	-42.2	-38.5	-41.9	-46.0	-56.8	-57.2	-62.7	-65.2	-68.4	-70.0	-69.2
NY-NJ-CT Region Total	-3,524.2	-3,294.1	-3,922.1	-4,504.6	-4,670.6	-4,762.6	-4,321.2	-4,598.8	-5,957.4	-6,194.8	-6,600.7

Source: NYMTC
n/a: Not Available

Table A-9 Public Transit Fleet Characteristics

Number of Vehicles Available for Maximum Service

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	5,213	4,535	4,576	4,560	4,538	4,406	4,344	4,431	4,439	4,365	4,466
MTA Bus Company	1,172	1,267	1,354	1,325	1,347	1,245	1,270	1,264	1,273	1,271	1,272
New York City Bus Total	6,385	5,802	5,930	5,885	5,885	5,651	5,614	5,695	5,712	5,636	5,738
New York Suburban Bus Total	1,373	1,121	1,174	1,133	1,096	1,054	1,040	1,036	1,043	978	1,035
Total Downstate NY Bus	7,758	6,923	7,104	7,018	6,981	6,705	6,654	6,731	6,755	6,614	6,773
NY Rail Rapid Transit											
NYC Rapid Rail Transit Total	6,266	6,266	6,452	6,474	6,380	6,438	6,345	5,406	5,363	5,386	5,428
NY Suburban Rail											
MTA Metro North	1,078	1,104	1,105	1,114	1,103	1,101	1,167	1,217	1,297	1,341	1,228
MTA Long Island Rail Road	1,158	1,168	1,185	1,185	1,185	1,185	1,186	1,185	1,184	1,185	1,185
NY Suburban Rail Total	2,236	2,272	2,290	2,299	2,288	2,286	2,353	2,402	2,481	2,526	2,413
New York Total	16,260	15,461	15,846	15,791	15,649	15,429	15,352	14,539	14,599	14,526	14,614
NJ Bus											
New Jersey Bus Total	3,834	3,561	3,619	3,583	3,640	3,497	3,508	3,461	3,363	3,397	3,243
NJ Rail Rapid Transit											
NJ Rail Rapid Transit Total	400	420	419	419	476	468	433	443	443	438	433
NJ Suburban Rail											
NJ Suburban Rail Total	1,141	1,095	1,143	1,198	1,302	1,332	1,370	1,308	1,380	1,336	1,350
New Jersey Total	5,375	5,076	5,181	5,200	5,418	5,297	5,311	5,212	5,186	5,171	5,026
Region Total	21,635	20,537	21,027	20,991	21,067	20,726	20,663	19,751	19,785	19,697	19,640
Total Bus	11,592	10,484	10,723	10,601	10,621	10,202	10,162	10,192	10,118	10,011	10,016
Total Rail Cars	10,043	10,053	10,304	10,390	10,446	10,524	10,501	9,559	9,667	9,686	9,624

Source: National Transit Database- Federal Transit Administration

Table A-10 2015 Regional Bus and Rail Equipment Characteristics

Average Fleet Age in Years

NY Bus		
	Vehicles	Average Age
MTA NYC Transit	4,466	6.9
MTA Bus Company	1,272	8.0
New York City Bus	5,738	7.1
NICE Bus	314	5.8
Long Island Remainder	176	7.4
Westchester	329	9.0
Mid-Hudson New York	216	9.4
New York Suburban Bus	1,035	7.8
Downstate NY Bus	6,773	7.3
NY Rail Rapid Transit		
MTA NYC Transit	5,365	21.6
MTA Staten Island Railway	63	44.0
NYC Rapid Rail Transit	5,428	21.9
NY Suburban Rail		
MTA Metro North	1,228	14.2
MTA Long Island Rail Road	1,185	13.7
NY Suburban Rail	2,413	14.0
NY Ferries		
Staten Island Ferry	5	26.5
NJ Bus		
New Jersey Transit Bus	2,436	7.6
NJ Independents	807	12.3
New Jersey Bus	3,243	8.8
NJ Rail Rapid Transit		
PATH	350	4.8
Light Rail/ Newark City Subway	93	13.1
NJ Rail Rapid Transit	443	6.5
NJ Suburban Rail		
New Jersey Transit	1,350	16.8
CT Bus		
CT Transit Bus	203	7.6
CT Private Bus	183	9.4
CT Bus	386	8.5

Source: National Transit Database- Federal Transit Administration

Table A-11 Annual Public Transit Farebox Recovery Ratio

Mode \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
NY Bus											
MTA NYC Transit	40.4%	40.5%	36.9%	35.0%	35.9%	36.6%	36.1%	34.8%	34.2%	32.8%	32.7%
MTA Bus Company	35.3%	n/a	n/a	29.7%	31.6%	30.1%	33.8%	34.6%	35.5%	31.7%	32.7%
New York City Bus Total	39.8%	46.0%	43.6%	34.0%	35.1%	35.4%	35.7%	34.8%	34.4%	32.6%	32.7%
NICE Bus	36.2%	36.5%	34.9%	33.5%	36.1%	35.5%	35.2%	41.9%	44.3%	42.5%	40.5%
Long Island Remainder	18.3%	19.8%	19.1%	18.3%	17.6%	17.0%	16.6%	19.8%	19.9%	18.4%	17.3%
Westchester	32.5%	40.2%	36.2%	36.3%	34.9%	37.5%	38.5%	37.6%	38.8%	38.0%	37.4%
Mid-Hudson New York	25.5%	56.1%	57.8%	46.5%	48.8%	47.3%	47.0%	50.0%	48.8%	47.1%	44.4%
New York Suburban Bus Total	30.8%	38.6%	36.7%	34.5%	35.0%	35.4%	35.4%	38.3%	39.3%	37.9%	36.6%
Total Downstate NY Bus	38.7%	45.0%	42.7%	34.1%	35.1%	35.4%	35.7%	35.1%	34.8%	33.1%	33.1%
NY Rail Rapid Transit											
MTA NYC Transit	68.3%	71.9%	67.0%	67.0%	67.8%	67.1%	76.6%	73.2%	63.6%	63.2%	63.7%
MTA Staten Island Railway	16.8%	18.4%	16.4%	19.7%	14.3%	18.3%	21.8%	17.4%	17.0%	15.7%	16.3%
NYC Rapid Rail Transit Total	67.8%	71.4%	66.5%	66.5%	67.1%	66.6%	76.0%	72.6%	63.2%	62.7%	63.3%
NY Suburban Rail											
MTA Metro North	61.3%	60.7%	59.3%	58.6%	58.5%	59.3%	62.3%	62.5%	57.8%	56.3%	58.8%
MTA Long Island Rail Road	46.8%	46.9%	46.3%	48.0%	46.1%	48.7%	53.4%	50.0%	51.9%	50.7%	54.3%
NY Suburban Rail Total	53.0%	52.9%	52.0%	52.7%	51.5%	53.5%	57.5%	55.6%	54.6%	53.3%	56.4%
NY Ferries											
Staten Island Ferry	0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
New York Total	53.3%	57.1%	54.3%	50.4%	50.9%	51.1%	56.0%	54.3%	51.1%	50.0%	51.0%
NJ Bus											
New Jersey Transit Bus	40.2%	41.0%	40.2%	41.8%	38.8%	40.5%	44.9%	44.1%	42.8%	41.7%	42.4%
NJ Independents	94.9%	92.6%	92.8%	90.5%	93.2%	91.2%	98.3%	106.7%	101.7%	96.2%	93.1%
New Jersey Bus Total	52.6%	52.7%	51.9%	52.6%	49.3%	50.8%	55.4%	56.4%	54.2%	52.7%	52.0%
NJ Rail Rapid Transit											
PATH	46.5%	44.9%	41.4%	47.2%	43.3%	35.1%	36.2%	40.4%	42.8%	40.3%	44.7%
Light Rail/ Newark City Subway	33.7%	15.9%	16.2%	18.2%	17.9%	18.5%	19.6%	17.5%	16.3%	16.6%	16.1%
NJ Rail Rapid Transit Total	44.8%	35.9%	33.2%	37.4%	34.7%	30.5%	31.8%	33.6%	35.1%	34.4%	37.3%
NJ Suburban Rail											
NJ Suburban Rail Total	45.1%	51.3%	51.5%	55.5%	49.6%	51.0%	59.1%	58.1%	53.6%	54.2%	57.4%
New Jersey Total	48.6%	49.6%	48.6%	51.2%	47.1%	47.1%	52.3%	52.7%	50.3%	49.5%	51.0%
CT Bus											
CT Transit Bus	29.5%	29.8%	28.4%	27.7%	23.5%	23.8%	22.8%	23.5%	22.9%	22.3%	22.2%
CT Private Bus	25.4%	31.4%	30.2%	27.9%	26.6%	25.7%	26.7%	26.7%	25.4%	26.9%	26.7%
Connecticut Total	27.5%	30.4%	29.1%	27.8%	24.8%	24.6%	24.4%	24.7%	23.8%	24.1%	23.9%
NY-NJ-CT Region Total	52.2%	55.3%	52.9%	50.4%	49.9%	50.1%	55.1%	53.8%	50.8%	49.8%	50.8%

Source: NYMTC
n/a: Not Available

APPENDIX B MOTOR VEHICLE AND RIVER CROSSING

Table B-1 Registered Vehicles by County

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	232,189	236,468	241,870	246,190	249,124	248,881	246,748	251,398	254,752	261,610	272,483
Kings	402,807	413,141	424,436	436,661	442,925	447,791	448,510	452,775	466,646	481,360	498,282
New York	242,200	246,956	249,363	250,915	249,810	249,952	248,410	250,510	251,751	251,822	254,159
Queens	723,534	726,623	735,098	747,403	766,984	772,027	752,933	758,587	774,517	793,422	808,122
Richmond	255,794	210,262	259,350	263,633	263,522	264,590	264,727	265,122	268,492	269,219	274,275
New York City	1,856,524	1,833,450	1,910,117	1,944,802	1,972,365	1,983,241	1,961,328	1,978,392	2,016,158	2,057,433	2,107,321
Dutchess	241,531	242,973	243,672	243,530	241,925	240,915	239,426	239,562	239,529	240,315	242,965
Nassau	963,360	963,581	966,749	968,902	965,089	972,246	972,968	974,061	987,914	966,701	1,009,891
Orange	282,917	285,440	286,495	288,324	285,294	284,763	282,809	283,967	285,031	286,763	291,506
Putnam	90,940	90,832	90,926	90,808	90,253	90,167	89,648	91,614	89,936	90,458	91,641
Rockland	209,739	258,375	210,377	211,399	210,207	210,995	211,312	213,166	214,264	216,192	218,941
Suffolk	1,196,035	1,203,308	1,210,130	1,212,578	1,205,557	1,212,636	1,213,216	1,222,162	1,235,945	1,246,754	1,265,038
Westchester	645,637	646,973	650,976	652,721	649,135	650,247	649,406	652,686	657,731	663,392	671,942
New York Suburban	3,630,159	3,691,482	3,659,325	3,668,262	3,647,460	3,661,969	3,658,785	3,677,218	3,710,350	3,710,575	3,791,924
New York Downstate Total	5,486,683	5,524,932	5,569,442	5,613,064	5,619,825	5,645,210	5,620,113	5,655,610	5,726,508	5,768,008	5,899,245
Percentage to U.S. Total	2.27%	2.48%	2.38%	2.26%	2.28%	2.21%	2.22%	2.23%	2.24%	2.22%	2.24%
Bergen	742,591	757,405	768,126	723,582	709,963	717,541	721,117	720,244	722,208	741,600	765,758
Essex	583,323	599,343	611,630	553,952	542,941	549,111	546,534	542,912	550,910	564,675	593,457
Hudson	341,131	345,435	347,248	310,716	307,448	314,382	317,007	317,376	320,376	328,689	345,759
Middlesex	669,799	683,902	698,138	650,693	642,369	651,686	648,425	638,375	648,409	655,796	681,313
Monmouth	580,732	594,713	595,167	542,689	536,599	547,516	549,097	543,746	545,668	557,099	574,036
Morris	461,289	469,464	470,647	454,993	447,911	457,680	459,598	450,160	464,792	474,692	479,925
Passaic	421,987	433,963	464,751	402,749	388,466	370,341	359,977	355,756	360,973	372,558	388,257
Somerset	281,140	290,762	296,889	279,790	276,350	280,402	282,235	279,969	281,189	287,430	297,704
Union	459,837	466,422	465,534	410,927	403,969	409,487	409,331	404,955	409,599	420,042	437,857
New Jersey Total	4,541,829	4,641,409	4,718,130	4,330,091	4,256,016	4,298,146	4,293,321	4,253,493	4,304,124	4,402,581	4,564,066
Percentage to U.S. Total	1.88%	2.09%	2.02%	1.74%	1.73%	1.69%	1.70%	1.68%	1.68%	1.69%	1.73%
U.S. Total	241,194,000	222,384,640	233,853,521	248,164,738	246,282,886	254,876,717	253,215,681	253,639,386	255,876,822	260,350,938	263,610,219

Source: New York State Department of Motor Vehicles

R.L. Polk

Further publication or reproduction of the R.L. Polk data is prohibited

Table B-2 Registered Passenger Vehicles by County

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	214,812	219,272	225,024	227,231	228,207	227,955	224,051	227,105	229,628	233,854	241,115
Kings	363,450	374,303	387,328	394,044	398,696	403,811	404,389	408,007	419,264	429,873	442,691
New York	217,094	221,470	225,047	223,700	220,822	221,048	220,511	221,916	223,089	224,995	226,785
Queens	638,948	646,161	657,196	661,228	663,487	667,643	668,190	671,816	684,826	696,009	711,553
Richmond	238,454	191,987	244,375	245,302	245,651	246,634	247,099	247,692	251,231	253,310	257,320
New York City	1,672,758	1,653,193	1,738,970	1,751,505	1,756,863	1,767,091	1,764,240	1,776,536	1,808,038	1,838,041	1,879,464
Dutchess	207,359	208,369	210,144	210,139	209,345	209,360	208,538	209,164	209,482	210,336	212,262
Nassau	896,185	895,657	899,428	899,843	898,417	904,323	905,108	905,786	918,383	925,198	936,087
Orange	237,280	240,131	242,845	244,380	244,020	243,669	242,687	244,303	245,955	247,454	250,922
Putnam	79,542	79,340	79,537	79,487	79,090	79,187	78,875	79,229	79,430	79,800	80,536
Rockland	191,833	241,059	192,570	193,033	192,411	193,069	193,473	195,026	196,175	197,576	199,390
Suffolk	1,043,837	1,049,158	1,058,498	1,061,407	1,060,842	1,067,748	1,070,893	1,080,010	1,092,186	1,101,082	1,115,124
Westchester	595,830	596,381	600,062	600,346	597,420	598,150	597,387	601,162	605,287	610,267	617,180
New York Suburban	3,251,866	3,310,095	3,283,084	3,288,635	3,281,545	3,295,506	3,296,961	3,314,680	3,346,898	3,371,713	3,411,501
New York Downstate Total	4,924,624	4,963,288	5,022,054	5,040,140	5,038,408	5,062,597	5,061,201	5,091,216	5,154,936	5,209,754	5,290,965

Source: New York State Department of Motor Vehicles

Table B-3 Passenger Vehicles Registration per 100 Population

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	15.7	16.1	16.4	16.3	16.3	16.4	16.1	16.1	16.2	16.5	16.9
Kings	14.5	14.9	15.3	15.4	15.5	16.1	16.0	15.9	16.2	16.7	17.1
New York	13.5	13.7	13.9	13.7	13.6	13.9	13.8	13.7	13.7	13.9	13.9
Queens	28.3	28.7	28.9	28.8	28.8	29.9	29.7	29.6	29.8	30.5	30.9
Richmond	50.2	40.2	50.7	50.3	50.0	52.5	52.5	52.6	53.2	53.7	54.5
New York City	24.4	22.7	25.1	24.9	24.8	25.8	25.6	25.6	25.8	26.3	26.6
Dutchess	70.4	70.6	71.8	71.7	71.3	70.4	70.0	70.3	70.6	70.7	71.5
Nassau	67.3	67.6	68.8	66.6	66.2	67.4	67.3	67.1	67.9	68.5	69.1
Orange	63.7	63.8	64.4	64.4	63.6	65.3	64.7	65.2	65.5	66.1	66.8
Putnam	79.1	78.9	79.9	80.1	79.7	79.4	78.9	79.5	79.7	80.0	81.0
Rockland	65.1	81.7	65.0	64.7	64.1	61.8	61.4	61.4	61.1	62.1	62.2
Suffolk	70.9	71.4	72.8	70.2	69.9	71.4	71.4	72.0	72.8	73.4	74.3
Westchester	62.9	62.8	63.1	62.9	62.5	62.9	62.5	62.5	62.5	63.4	63.8
New York Suburban	68.5	71.0	69.4	68.7	68.2	68.4	68.0	68.3	68.6	69.2	69.8
New York Downstate	46.5	46.8	47.2	46.8	46.5	47.1	46.8	46.9	47.2	47.7	48.2

Source: New York State Department of Motor Vehicles
American Community Survey- US Census Bureau
NYMTC

Table B-4 2015 Annual Motor Vehicle Registrations in New York Counties

County \ Vehicle Type	Passenger	Commercial	Trailer	Motorcycle	Moped	Bus	Taxi	Ambulance	Rental	Farm	County Total
Bronx	241,115	9,063	1,419	4,547	164	514	14,992	247	422	0	272,483
Kings	442,691	16,853	2,091	11,253	731	4,538	18,260	1,115	747	3	498,282
New York	226,785	10,657	1,145	8,298	411	337	6,265	161	96	4	254,159
Queens	711,553	31,488	4,270	13,821	720	2,052	30,516	251	13,410	41	808,122
Richmond	257,320	5,503	2,428	5,758	137	913	1,975	181	60	0	274,275
New York City	1,879,464	73,564	11,353	43,677	2,163	8,354	72,008	1,955	14,735	48	2,107,321
Dutchess	212,262	13,556	7,570	8,507	173	220	330	43	192	112	242,965
Nassau	936,087	32,752	12,969	18,467	654	2,124	4,346	276	2,205	11	1,009,891
Orange	250,922	17,555	10,103	10,217	145	848	734	147	412	423	291,506
Putnam	80,536	4,382	2,854	3,537	53	13	206	14	30	16	91,641
Rockland	199,390	8,098	3,938	4,761	123	895	1,098	185	449	4	218,941
Suffolk	1,115,124	71,549	36,702	32,169	1,075	3,436	2,984	248	1,320	431	1,265,038
Westchester	617,180	25,879	7,843	13,641	533	1,977	3,971	158	755	5	671,942
New York Suburban	3,411,501	173,771	81,979	91,299	2,756	9,513	13,669	1,071	5,363	1,002	3,791,924
Grand Total	5,290,965	247,335	93,332	134,976	4,919	17,867	85,677	3,026	20,098	1,050	5,899,245

Source: New York State Department of Motor Vehicles

Table B-5 Number of Vehicles in Family 2015

2015				
	0 Vehicle	1 Vehicle	2 Vehicles	3 or More
Bronx	47.2%	34.7%	14.1%	4.0%
Kings	47.3%	37.1%	12.5%	3.1%
New York	73.1%	23.3%	2.9%	0.7%
Queens	30.6%	37.9%	22.3%	9.3%
Richmond	8.6%	28.8%	39.6%	23.0%
New York City	41.4%	32.4%	18.3%	8.0%
Dutchess	4.0%	18.8%	41.3%	35.9%
Nassau	3.8%	16.4%	43.3%	36.5%
Orange	5.0%	18.8%	41.5%	34.6%
Putnam	2.8%	13.4%	42.1%	41.8%
Rockland	6.4%	17.9%	42.4%	33.4%
Suffolk	2.3%	13.5%	40.1%	44.1%
Westchester	8.7%	25.9%	39.7%	25.7%
New York Suburbs	4.7%	17.8%	41.5%	36.0%

Source: American Community Survey- US Census Bureau

Table B-6 Major Vehicular River Crossings Daily Traffic

Bridge \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Kingston-Rhinecliff Bridge	20,498	20,959	20,986	20,814	20,640	21,611	21,310	21,180	21,088	21,183	21,625
Mid-Hudson Bridge	38,380	38,592	38,478	37,636	36,862	38,456	37,814	37,909	37,868	37,852	39,021
Newburgh-Beacon Bridge	68,985	69,013	69,998	67,948	64,857	68,930	67,850	67,706	67,908	67,696	68,594
Bear Mountain Bridge	17,372	17,609	17,716	17,851	17,096	18,071	18,154	18,880	18,810	19,147	20,374
Tappan Zee Bridge	139,214	137,362	137,933	133,289	131,673	134,470	131,605	133,964	136,953	138,548	138,586
Verrazano-Narrows Bridge	193,687	207,353	192,827	188,722	187,945	186,568	180,937	193,100	192,033	187,438	198,123
New York <-> New York	478,136	490,888	477,938	466,260	459,073	468,106	457,670	472,739	474,660	471,864	486,323
George Washington Bridge	293,764	312,078	295,650	289,328	285,618	280,720	276,150	276,648	277,645	280,784	295,120
Lincoln Tunnel	119,421	127,245	119,678	114,408	110,950	110,760	108,654	113,166	112,162	109,796	113,783
Holland Tunnel	93,049	98,425	95,060	92,188	91,006	93,356	90,904	92,743	90,012	87,232	89,367
New Jersey <-> New York	506,234	537,748	510,388	495,924	487,574	484,836	475,708	482,557	479,819	477,812	498,270
Hudson River Total	984,370	1,028,636	988,326	962,184	946,647	952,942	933,378	955,296	954,479	949,676	984,593
Bayonne Bridge	21,093	24,230	21,828	20,472	19,252	19,420	19,378	18,755	18,541	15,166	10,840
Goethals Bridge	76,915	65,378	77,932	77,092	77,708	78,290	77,688	73,135	72,986	70,419	78,605
Outerbridge Crossing	85,440	86,306	85,764	82,600	81,218	81,598	80,100	71,816	66,740	70,033	73,773
Arthur Kill/ Kill Van Kull Total	183,448	175,914	185,524	180,164	178,178	179,308	177,166	163,706	158,267	155,618	163,218
Hugh L. Carey Tunnel	49,010	57,436	49,695	46,299	43,559	44,099	45,398	54,299	55,145	54,007	57,299
Brooklyn Bridge	132,210	126,805	130,186	123,781	125,021	123,640	105,820	100,288	102,542	99,986	102,219
Manhattan Bridge	80,363	74,621	73,205	70,341	71,936	74,777	85,392	89,087	87,375	84,048	87,046
Williamsburg Bridge	107,030	107,040	110,545	106,783	108,194	111,189	103,590	112,696	115,674	111,634	105,206
Queens-Midtown Tunnel	79,865	89,972	80,481	78,411	75,897	77,968	78,106	87,937	86,737	86,081	86,217
Ed Koch Queensboro Bridge	178,610	186,110	181,365	176,306	180,162	177,695	183,401	178,188	171,556	174,239	174,447
RFK Bridge (Manhattan)	92,866	98,582	90,861	85,587	84,117	85,292	82,458	90,956	91,386	91,509	91,724
RFK Bridge (Bronx Plaza)	82,459	81,840	80,402	78,088	78,758	79,386	75,142	78,437	79,006	82,084	84,220
Bronx-Whitestone Bridge	113,597	110,708	116,155	117,270	116,919	112,467	103,200	105,718	104,511	104,509	109,862
Throgs Neck Bridge	113,639	116,427	114,880	110,936	106,986	107,895	110,752	108,858	110,753	112,548	116,658
East River Total	1,029,649	1,049,541	1,027,775	993,802	991,549	994,408	973,259	1,006,464	1,004,685	1,000,645	1,014,898
Willis Ave. Br. (Northbound)	66,708	66,212	56,552	62,167	58,548	56,934	57,710	62,062	65,216	67,951	63,912
Third Ave. Br. (Southbound)	60,152	61,874	48,254	58,510	59,039	60,549	59,603	59,053	60,120	58,447	55,988
Madison Avenue Bridge	48,397	43,805	38,953	41,740	43,480	42,966	41,423	41,782	47,046	41,340	40,432
145th Street Bridge	25,802	21,733	19,114	23,148	24,364	28,749	27,677	27,918	28,167	28,357	27,097
Macombs Dam Bridge	40,112	39,878	35,318	38,897	39,508	39,627	44,311	39,020	38,930	38,417	38,556
Alexander Hamilton Bridge	181,566	190,183	192,651	189,598	191,646	192,213	182,174	185,309	188,417	178,809	178,407
Washington Avenue Bridge	58,019	57,689	52,567	52,768	52,420	52,014	52,373	57,011	54,031	52,537	54,006
University Heights Bridge	44,938	42,118	36,724	39,340	39,165	39,230	43,601	39,641	40,774	37,791	38,513
Broadway Bridge	35,698	33,551	33,900	33,266	35,566	37,292	35,770	35,411	35,462	34,239	33,897
Henry Hudson Bridge	66,376	71,761	66,075	62,530	61,874	63,173	60,795	60,107	59,807	58,809	62,554
Harlem River Total	627,768	628,804	580,108	601,964	605,610	612,747	605,437	607,314	617,970	596,697	593,362
Grand Total	2,825,235	2,882,895	2,781,733	2,738,114	2,721,984	2,739,405	2,689,240	2,732,780	2,735,401	2,702,636	2,756,071

Source: New York City Department of Transportation, Port Authority of New York and New Jersey, Metropolitan Transportation Authority Bridges and Tunnels, New York State Department of Transportation

Table B-7 2015 Major River Crossings Daily Truck Traffic

Bridge \ Year	2015
Kingston-Rhinecliff Bridge	647
Mid-Hudson Bridge	1,135
Newburgh-Beacon Bridge	7,376
Bear Mountain Bridge	353
Tappan Zee Bridge	10,790
Verrazano-Narrows Bridge	12,368
New York <-> New York	32,668
George Washington Bridge	31,828
Lincoln Tunnel	7,103
Holland Tunnel	3,924
New Jersey <-> New York	42,855
Hudson River Total	75,523
Bayonne Bridge	503
Goethals Bridge	8,733
Outerbridge Crossing	5,159
Arthur Kill/ Kill Van Kull Total	14,395
Hugh L. Carey Tunnel	773
Queens-Midtown Tunnel	2,435
RFK Bridge (Bronx & Manhattan)	13,379
Bronx-Whitestone Bridge	7,918
Throgs Neck Bridge	13,929
East River Total	38,434
Grand Total	128,352

Source: New York City Department of Transportation
Port Authority of New York and New Jersey
Metropolitan Transportation Authority
Bridges and Tunnels, New York State Department of Transportation
New York State Thruway Authority

Table B-8 Annual Average Daily Traffic for NYCDOT Monitored Bridges

Bridge \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Brooklyn	132,210	126,805	131,551	123,781	125,021	123,640	105,820	100,288	102,542	99,986	102,219
Manhattan	80,363	74,621	73,205	70,341	71,963	74,777	85,392	89,087	87,357	84,048	87,046
Ed Koch Queensboro	178,610	186,110	181,365	176,306	180,162	177,695	183,401	178,188	171,556	174,239	174,447
Williamsburg	107,030	107,040	110,545	106,783	108,194	111,189	103,590	112,696	115,674	111,634	105,206
East River Bridges Total	498,213	494,576	498,866	477,211	485,340	487,301	478,203	480,259	477,129	469,907	468,918
Alexander Hamilton	181,566	190,183	192,651	189,598	191,646	192,213	182,174	185,309	188,417	178,809	178,407
Broadway	35,698	33,551	35,523	33,266	35,566	37,292	35,770	35,411	35,462	34,239	33,897
Macombs Dam	40,112	39,878	40,749	38,897	39,508	39,627	44,311	39,020	38,930	38,417	38,556
Madison Avenue	48,397	43,805	44,663	41,740	43,480	42,966	41,423	41,782	47,046	41,340	40,432
Third Avenue	60,152	61,874	59,712	58,510	59,039	60,549	59,603	59,053	60,120	58,447	55,988
University Heights	44,938	42,118	41,422	39,340	39,165	39,230	43,601	39,641	40,774	37,791	38,513
Washington	58,019	57,689	56,945	52,768	52,420	52,014	52,373	57,011	54,031	52,537	54,006
Willis Avenue	66,708	66,212	65,113	62,167	58,548	56,934	57,710	62,062	65,216	67,951	63,912
145th Street	25,802	21,733	21,147	23,148	24,364	28,749	27,677	27,918	28,167	28,357	27,097
Harlem River Bridges Total	561,392	557,043	557,925	539,434	543,736	549,574	544,642	547,207	558,163	537,888	530,808
Grand Street	13,016	12,893	12,585	13,031	12,576	12,662	12,320	12,595	13,843	13,662	12,546
J.J. Byrne Memorial Bridge	29,449	29,840	27,027	26,926	26,637	26,716	25,709	26,379	25,701	27,836	28,361
Kosciuszko	198,813	184,341	186,493	181,783	188,322	190,753	191,624	196,217	191,225	184,025	179,137
Pulaski	38,911	38,224	37,221	37,019	36,103	36,981	37,422	36,867	39,076	40,405	40,485
Brooklyn <-> Queens Total	280,189	285,298	283,326	258,759	283,638	287,112	287,075	272,058	269,845	285,928	280,529
City Island	15,297	15,339	15,188	15,955	14,313	15,380	14,480	16,424	16,431	15,915	15,292
East 174th Street	13,632	13,662	14,436	14,158	14,130	16,499	15,940	15,534	15,273	16,144	16,556
Eastchester	22,318	20,890	21,431	20,842	20,329	25,374	21,292	21,483	21,393	24,071	22,317
Eastern Boulevard	183,743	182,579	180,128	174,597	176,800	174,168	175,020	168,451	175,436	176,945	177,999
Hutchinson River Pky	118,387	120,599	117,660	121,499	119,285	122,416	115,574	118,000	120,999	121,281	124,390
Pelham	17,972	16,749	19,041	19,131	17,521	17,159	16,966	17,668	18,330	18,117	17,241
Unionport	60,605	61,262	59,906	62,342	61,700	64,098	61,619	62,845	61,892	62,715	62,410
Westchester Avenue	27,195	24,921	25,846	25,789	25,131	25,978	26,287	27,408	26,976	25,204	26,011
Bronx Bridges Total	459,149	458,001	453,636	454,313	449,209	481,072	447,178	447,813	458,730	480,392	482,216
Carroll Street	1,101	1,068	1,116	1,103	956	994	992	1,136	1,072	1,106	1,238
Cropsey Avenue	36,132	35,398	36,395	35,881	36,379	37,411	31,643	34,998	34,062	33,373	33,433
Hamilton Avenue	59,885	55,526	54,632	52,731	55,577	55,252	54,663	55,797	52,321	54,250	55,266
Metropolitan Avenue	35,113	38,130	37,332	38,587	37,557	38,279	38,613	38,262	37,437	39,620	38,191
Mill Basin	143,158	143,917	148,802	144,010	144,536	140,800	139,835	136,875	148,084	141,150	141,303
Ninth Street	11,393	11,143	11,903	13,362	13,251	12,567	12,404	13,321	12,136	11,020	11,549
Stillwell Avenue	10,166	11,158	10,085	10,197	10,302	9,884	7,548	8,827	8,519	8,569	8,917
Third Avenue	20,046	18,403	19,410	17,901	17,587	18,088	17,895	17,432	17,630	18,227	18,179
Third Street	10,108	9,487	9,937	9,482	10,028	10,390	9,776	10,579	10,611	10,299	11,160
Union Street	4,421	4,390	4,343	4,390	4,441	4,319	4,147	5,032	5,036	4,777	4,358
Brooklyn Bridges Total	331,523	328,620	333,955	327,844	330,614	327,984	317,516	322,259	326,908	322,391	323,594
Borden Avenue	16,362	16,157	15,747	15,002	n/a	n/a	8,696	13,396	12,265	13,274	13,615
Flushing	62,692	61,143	57,437	56,179	54,941	54,690	52,173	54,518	55,690	52,437	53,778
Hook Creek	73,344	73,767	77,759	75,460	75,108	74,064	74,717	76,023	77,868	73,993	75,001
Hunters Point	7,390	7,262	7,705	7,165	16,467	15,792	8,722	8,116	8,026	7,960	7,598
Joseph P. Addabbo	24,035	23,254	24,433	22,346	24,237	23,882	21,636	23,612	26,630	24,854	25,025
Little Neck	52,475	48,345	48,208	45,405	47,695	49,731	45,345	47,735	47,945	47,825	48,337
Midtown Highway	89,559	83,379	85,997	84,769	84,048	87,692	84,148	88,184	87,827	87,878	84,989
Rikers Island	13,811	13,146	13,496	15,621	15,436	13,186	12,580	12,265	14,065	13,578	13,780
Roosevelt Avenue	19,360	19,420	18,975	18,859	17,168	17,268	16,084	17,439	17,994	16,352	17,834
Roosevelt Island	9,929	9,685	9,895	10,161	9,454	9,800	9,103	9,516	9,550	8,212	8,583
Whitestone Expressway	191,563	197,084	202,410	193,122	198,124	192,092	199,803	204,909	205,790	204,401	208,962
Queens Bridges Total	560,520	552,642	562,062	544,089	542,678	538,197	533,007	555,713	563,650	550,764	557,502
Fresh Kills	66,816	65,274	68,997	64,724	64,490	65,612	60,678	58,026	60,240	59,602	57,538
Staten Island Bridge Total	66,816	65,274	68,997	64,724	64,490	65,612	60,678	58,026	60,240	59,602	57,538
Grand Total	2,757,802	2,719,454	2,736,567	2,666,174	2,679,705	2,696,852	2,648,299	2,683,335	2,712,665	2,666,872	2,661,105

Source: New York City Department of Transportation

This page is intentionally left blank

APPENDIX C

COMMUTING

Table C-1 Share of Total CBD Entries by Mode for Morning Peak Hour

	SHARE OF TOTAL DAILY ENTRIES BY OCCUPANTS					
YEAR	Auto, Taxi, Van, Truck		Public Transportation		Total Share	
	8-9 AM	7-10 AM	8-9 AM	7-10 AM	8-9 AM	7-10 AM
1960	8.60%	23.10%	32.20%	59.40%	25.30%	48.50%
1963	8.80%	22.70%	31.20%	58.20%	25.10%	48.40%
1973	8.00%	22.20%	31.40%	60.60%	24.30%	48.60%
1974	8.10%	22.80%	31.60%	59.50%	24.80%	48.80%
1975	8.10%	22.40%	30.10%	59.00%	24.30%	48.40%
1976	8.10%	22.20%	31.90%	59.60%	24.50%	47.90%
1977	8.30%	22.90%	32.30%	60.60%	24.80%	48.80%
1978	8.00%	22.50%	30.60%	58.70%	23.50%	47.50%
1979	8.10%	22.40%	30.80%	59.00%	23.80%	47.70%
1980	8.50%	23.10%	31.70%	60.20%	24.60%	48.80%
1981	8.40%	23.40%	31.10%	60.00%	23.90%	48.80%
1982	8.50%	23.40%	30.90%	59.30%	23.70%	47.90%
1983	8.40%	23.50%	30.30%	59.00%	23.20%	47.00%
1984	8.20%	23.10%	31.10%	59.90%	23.30%	47.40%
1985	7.90%	22.20%	30.50%	59.90%	22.60%	46.70%
1986	7.80%	22.10%	27.70%	56.70%	21.00%	45.10%
1987	7.80%	22.00%	26.60%	56.30%	20.20%	44.60%
1988	7.70%	21.60%	26.40%	56.00%	20.10%	44.50%
1989	7.60%	21.60%	27.10%	56.60%	20.80%	45.20%
1990	7.00%	19.90%	25.60%	54.20%	19.40%	42.70%
1991	6.90%	19.80%	25.90%	54.10%	19.60%	42.60%
1992	6.80%	19.50%	25.20%	53.90%	18.90%	42.10%
1993	6.60%	19.20%	24.80%	52.80%	18.70%	41.50%
1994	6.70%	19.50%	24.00%	52.00%	18.30%	41.30%
1995	6.70%	19.30%	23.80%	51.30%	18.10%	40.60%
1996	7.00%	19.90%	23.80%	50.90%	18.20%	40.60%
1997	7.30%	19.90%	23.30%	50.30%	17.60%	39.30%
1998	7.10%	20.00%	22.80%	48.90%	17.20%	38.50%
2000	7.40%	20.20%	22.00%	49.40%	17.00%	39.50%
2001	6.18%	17.90%	21.52%	48.06%	17.11%	39.39%
2002	6.63%	19.33%	21.35%	47.20%	16.75%	38.50%
2003	6.99%	20.23%	21.46%	47.18%	16.72%	38.35%
2004	6.65%	19.46%	20.76%	45.64%	16.24%	37.26%
2005	6.56%	18.99%	19.91%	45.22%	16.09%	37.71%
2006	6.60%	19.09%	19.46%	43.88%	15.81%	36.85%
2007	6.44%	18.77%	20.57%	45.64%	16.77%	38.40%
2008	6.69%	19.20%	19.99%	44.35%	16.68%	38.05%
2009	6.60%	18.90%	19.50%	43.50%	16.00%	36.90%
2010	6.70%	19.70%	19.10%	43.20%	15.70%	36.70%
2011	6.61%	19.05%	19.70%	44.01%	16.30%	37.40%
2012	6.41%	18.68%	19.25%	43.55%	16.02%	37.28%
2013	6.48%	18.53%	19.57%	43.50%	16.34%	37.34%
2014	6.31%	18.30%	19.13%	43.46%	16.04%	37.40%
2015	6.30%	18.20%	18.90%	42.80%	16.00%	37.00%

Source: Hub Bound Travel Data- NYMTC

Table C-2 Total People Entering the CBD During Peak Hours 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	1,445,679	633,704	2,288,477
2009	3,598,327	1,327,128	575,127	2,275,090
2010	3,688,432	1,352,456	580,733	2,259,803
2011	3,661,557	1,367,959	593,517	1,898,000
2012	3,754,511	1,397,355	600,132	1,910,000
2013	3,816,493	1,422,360	622,269	1,928,000
2014	3,821,297	1,426,496	611,738	1,943,000
2015	3,930,753	1,451,984	625,817	1,954,000

Source: Hub Bound Travel Data- NYMTC

n/a: Not Available

Table C-3 Commuting to Work by Mode

In Percentage

Mode	Year	Bronx	Kings	New York	Queens	Richmond	Dutchess	Nassau	Putnam	Orange	Rockland	Suffolk	Westchester
Drive alone	2005	25.0	22.0	7.0	32.0	53.0	78.0	69.0	n/a	75.0	74.0	79.0	61.0
	2006	25.0	21.0	7.0	32.0	53.0	76.0	68.0	77.0	75.0	71.0	80.0	59.0
	2007	25.0	20.8	7.1	32.1	53.4	76.9	68.5	78.2	73.1	72.8	79.4	59.9
	2008	26.0	19.3	7.4	32.0	54.2	78.0	68.6	76.3	71.9	71.4	78.8	59.0
	2009	24.3	20.7	7.1	32.6	54.6	76.2	71.5	72.7	71.2	70.9	80.2	60.0
	2010	23.0	19.0	6.7	32.8	56.4	78.6	70.0	n/a	69.9	74.1	79.6	61.0
	2011	22.6	18.7	6.6	31.1	56.2	73.2	70.4	80.1	70.2	70.5	79.5	60.5
	2012	22.6	19.5	6.7	31.9	56.9	76.6	68.2	75.6	73.8	71.3	78.6	59.5
	2013	22.4	17.9	5.5	30.6	55.3	74.6	69.0	73.1	74.8	70.1	80.0	57.4
	2014	22.7	18.9	6.3	31.8	56.5	75.8	69.6	76.0	73.1	71.5	79.3	59.3
	2015	22.5	18.6	6.1	31.6	56.4	75.1	69.2	76.3	74.1	70.7	79.3	58.5
Carpooled	2005	6.0	5.0	3.0	9.0	10.0	10.0	8.0	n/a	10.0	11.0	9.0	9.0
	2006	6.0	6.0	3.0	8.0	8.0	9.0	8.0	12.0	10.0	10.0	8.0	8.0
	2007	6.2	5.4	2.6	7.9	8.5	9.0	7.8	9.7	10.3	9.8	8.6	8.2
	2008	6.2	5.4	1.6	7.1	6.9	8.0	7.9	8.0	12.0	9.5	9.1	7.9
	2009	5.6	4.9	2.2	7.0	9.3	9.5	7.3	10.2	12.3	9.9	7.9	7.7
	2010	5.4	4.5	2.0	7.2	8.2	7.8	7.2	n/a	11.6	9.8	8.1	7.1
	2011	5.0	4.4	2.4	5.8	8.7	9.0	6.9	6.5	11.1	11.0	7.5	7.7
	2012	5.4	4.3	2.0	6.2	8.4	7.3	8.4	10.4	10.4	10.8	8.4	6.6
	2013	4.9	4.7	1.7	7.0	8.3	8.7	6.8	11.1	9.9	11.6	7.8	8.4
	2014	4.9	4.5	1.9	6.6	8.3	8.2	7.1	8.8	11.1	10.5	8.0	7.7
	2015	4.7	4.4	1.9	6.4	8.1	8.2	7.1	8.8	10.1	11.0	7.9	7.9
Public Transportation	2005	56.0	59.0	59.0	50.0	33.0	4.0	17.0	n/a	5.0	7.0	6.0	19.0
	2006	57.0	60.0	57.0	50.0	33.0	6.0	17.0	6.0	4.0	9.0	6.0	21.0
	2007	57.0	59.9	57.4	50.2	32.4	4.9	16.4	6.1	4.8	8.2	6.1	19.7
	2008	55.3	60.8	57.6	51.5	30.0	4.3	15.8	8.2	5.7	10.1	6.2	22.3
	2009	57.8	59.6	57.5	51.3	31.3	4.1	15.1	8.9	4.7	9.0	6.0	19.7
	2010	59.5	61.2	59.0	50.4	29.2	3.9	15.3	n/a	5.5	7.8	5.8	20.6
	2011	58.0	61.8	59.0	53.0	29.0	4.7	15.5	7.6	4.6	7.5	6.3	19.8
	2012	59.9	60.8	58.7	51.8	29.3	4.4	15.8	7.9	5.0	9.4	6.5	21.2
	2013	59.0	62.2	59.7	52.2	30.8	5.0	17.0	9.4	4.9	8.5	6.3	22.6
	2014	59.3	61.5	59.1	51.9	29.2	4.9	15.8	8.6	5.1	8.6	6.4	21.3
	2015	59.7	61.7	59.2	52.3	29.8	5.0	16.3	8.3	5.1	8.6	6.5	21.8
Worked At Home	2005	3.0	3.0	6.0	3.0	2.0	4.0	3.0	n/a	2.0	4.0	3.0	6.0
	2006	3.0	3.0	7.0	3.0	3.0	4.0	3.0	3.0	5.0	5.0	3.0	5.0
	2007	2.9	3.5	6.5	2.7	2.4	4.3	3.2	3.7	4.9	4.2	3.4	5.2
	2008	2.9	3.6	6.7	2.6	2.8	4.5	3.7	5.1	4.5	4.4	3.7	4.9
	2009	3.2	4.1	6.1	2.3	1.9	4.8	3.2	4.3	5.0	4.6	3.4	5.3
	2010	2.9	4.7	6.6	2.5	2.2	5.3	3.6	n/a	6.3	4.3	3.5	4.6
	2011	3.6	3.8	6.4	2.3	2.3	6.2	3.8	4.2	5.3	4.7	3.7	4.5
	2012	3.1	3.9	7.5	2.4	2.0	6.0	3.5	4.1	4.5	3.7	3.9	5.0
	2013	3.2	4.1	6.8	2.8	2.5	5.2	3.4	4.8	5.1	4.5	3.6	5.1
	2014	3.3	4.1	6.7	2.5	2.3	5.5	3.6	4.6	4.8	4.4	3.6	4.8
	2015	3.3	3.9	6.8	2.4	2.3	5.5	3.6	4.5	4.9	4.7	3.5	5.0
Taxicab, Motorcycle	2007	1.9	1.1	5.0	1.0	0.8	0.8	1.0	1.3	2.2	1.7	0.8	1.9
	2008	1.4	1.1	3.8	1.0	0.7	0.5	0.9	1.3	1.2	1.2	0.7	1.3
	2009	1.4	0.9	4.3	0.8	0.9	0.7	0.6	1.0	2.3	1.0	0.9	1.6
	2010	1.3	0.9	3.6	1.1	1.0	0.8	0.8	n/a	1.5	1.0	1.3	2.1
	2011	2.1	1.1	3.8	1.1	0.6	0.8	0.8	1.0	2.1	1.9	1.1	1.6
	2012	1.1	1.1	3.9	1.2	0.5	1.0	0.9	0.8	1.8	1.2	0.9	2.1
	2013	1.4	0.9	3.9	1.0	0.8	0.6	1.0	0.5	1.7	1.5	0.7	1.3
	2014	1.5	1.0	3.7	1.0	0.7	0.8	0.9	0.7	1.7	1.3	1.0	1.6
	2015	1.5	1.0	3.7	1.0	0.7	0.8	0.9	0.6	1.7	1.3	0.9	1.5

Source: American Community Survey- US Census Bureau

n/a: Not Available

APPENDIX D

SAFETY

Table D-1 Motor Vehicle Crashes Resulting in Fatalities in New York Counties

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	42	43	28	40	43	48	48	43	49	33	35
Kings	97	86	94	91	66	75	78	75	83	75	69
New York	65	67	57	55	46	44	45	42	46	40	29
Queens	89	82	68	76	83	70	67	73	92	79	74
Richmond	21	22	17	16	18	24	12	20	11	12	25
New York City	314	300	264	278	256	261	250	253	281	239	232
Dutchess	31	18	22	17	21	12	27	12	27	21	24
Nassau	99	84	90	93	83	98	87	87	80	69	92
Orange	47	44	38	40	35	35	32	36	32	34	26
Putnam	11	13	14	10	11	3	10	10	5	5	9
Rockland	22	28	17	16	5	18	17	15	16	16	14
Suffolk	149	144	157	153	138	130	139	137	140	116	158
Westchester	43	53	36	48	36	34	31	34	47	26	41
New York Suburban	402	384	374	377	329	330	343	331	347	287	364
New York Downstate Total	716	684	638	655	585	591	593	584	628	526	596
New York State Total	1,308	1,330	1,220	1,160	1,060	1,119	1,077	1,082	1,109	966	1,045
Percentage to State Total	54.7%	51.4%	52.3%	56.5%	55.2%	52.8%	55.1%	54.0%	56.6%	54.5%	57.0%
U.S. Total	39,252	38,648	37,435	34,172	30,862	30,196	29,757	30,800	30,202	30,056	32,166
Percentage to U.S. Total	1.82%	1.77%	1.70%	1.92%	1.90%	1.96%	1.99%	1.90%	2.08%	1.75%	1.85%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Table D-2 Total Motor Vehicle Crashes in New York Counties

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	10,603	11,542	12,681	11,892	12,367	12,599	10,305	10,265	11,109	10,839	10,094
Kings	20,557	21,551	22,682	23,070	23,146	24,079	21,990	20,011	20,732	19,740	17,884
New York	13,890	15,379	15,780	14,115	12,790	13,502	14,176	13,149	13,160	11,833	11,448
Queens	21,345	21,932	23,291	22,634	22,648	23,306	21,530	20,377	20,774	19,976	18,226
Richmond	4,772	4,510	5,076	4,775	4,588	4,857	5,059	5,002	4,628	4,166	3,454
New York City	71,167	74,914	79,510	76,486	75,539	78,343	73,060	68,804	70,403	66,554	61,106
Dutchess	4,569	5,580	6,755	6,635	6,641	6,482	5,985	5,873	6,174	5,798	5,733
Nassau	22,941	28,919	34,189	32,357	32,506	33,486	33,927	33,080	33,517	33,176	33,008
Orange	5,494	7,653	10,000	9,914	10,472	9,951	9,898	9,084	9,796	9,794	9,619
Putnam	1,625	2,157	2,714	2,588	2,483	2,408	2,338	2,220	2,274	2,260	2,240
Rockland	4,354	5,224	6,523	6,182	6,275	6,410	6,437	6,211	6,107	6,476	6,755
Suffolk	20,976	26,585	31,991	31,239	30,944	27,428	30,477	29,124	30,404	30,897	32,249
Westchester	12,248	14,542	16,660	15,419	15,630	15,273	15,250	14,022	14,373	14,210	15,018
New York Suburban	72,207	90,660	108,832	104,334	104,951	101,438	104,312	99,614	102,645	102,611	104,622
New York Downstate Total	143,374	165,574	188,342	180,820	180,490	179,781	177,372	168,418	173,048	169,165	165,728
New York State Total	225,848	270,700	323,106	316,231	314,974	315,377	307,550	294,757	304,804	299,452	294,556
Percentage to State Total	63.5%	61.2%	58.3%	57.2%	57.3%	57.0%	57.7%	57.1%	56.8%	56.5%	56.3%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-3 Motor Vehicle Crash Injuries in New York Counties

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	8,213	8,360	8,760	8,259	8,789	9,108	7,248	7,522	8,058	7,800	7,161
Kings	16,846	16,254	16,047	16,345	16,501	17,436	16,095	14,780	15,406	14,405	12,703
New York	10,457	10,473	10,051	9,105	8,406	8,950	9,298	8,764	8,766	7,519	7,097
Queens	15,884	14,989	14,978	14,840	14,878	15,256	13,991	13,423	13,882	13,074	11,793
Richmond	3,250	2,752	2,875	2,797	2,660	2,859	3,002	2,978	2,798	2,517	2,073
New York City	54,650	52,828	52,711	51,346	51,234	53,609	49,634	47,467	48,910	45,315	40,827
Dutchess	2,557	2,238	2,236	2,101	2,062	2,151	1,936	2,031	1,999	1,831	1,871
Nassau	14,564	13,769	13,590	13,010	13,123	13,086	12,941	12,615	12,464	11,911	11,771
Orange	3,447	3,158	3,246	3,152	3,164	3,039	2,857	2,686	2,876	2,679	2,727
Putnam	869	846	849	769	717	712	645	649	646	631	632
Rockland	2,755	2,382	2,410	2,286	2,290	2,300	2,263	2,168	2,073	2,154	2,285
Suffolk	13,635	13,628	13,743	13,662	13,277	11,436	12,468	12,075	12,166	12,334	12,150
Westchester	7,063	6,724	6,459	5,933	5,984	5,806	5,754	5,392	5,518	5,252	5,544
New York Suburban	44,890	42,745	42,533	40,913	40,617	38,530	38,864	37,616	37,742	36,792	36,980
New York Downstate Total	99,540	95,573	95,244	92,259	91,851	92,139	88,498	85,083	86,652	82,107	77,807
New York State Total	146,643	138,311	139,117	134,894	133,888	134,151	128,036	123,296	124,505	118,465	113,396
Percentage to State Total	67.9%	69.1%	68.5%	68.4%	68.6%	68.7%	69.1%	69.0%	69.6%	69.3%	68.6%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-4 Motor Vehicle Crash Property Damage in New York Counties

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	2,348	3,139	3,893	3,593	3,535	3,443	3,009	2,700	3,002	3,006	2,898
Kings	3,614	5,211	6,541	6,634	6,579	6,568	5,817	5,156	5,243	5,260	5,112
New York	3,368	4,839	5,672	4,955	4,338	4,508	4,833	4,343	4,348	4,274	4,322
Queens	5,372	6,861	8,245	7,718	7,687	7,980	7,472	6,881	6,800	6,823	6,359
Richmond	1,501	1,736	2,184	1,962	1,910	1,974	2,045	2,004	1,819	1,637	1,356
New York City	16,203	21,786	26,535	24,862	24,049	24,473	23,176	21,084	21,212	21,000	20,047
Dutchess	1,981	3,324	4,497	4,517	4,558	4,319	4,022	3,830	4,148	3,946	3,838
Nassau	8,278	15,066	20,509	19,254	19,300	20,302	20,899	20,378	20,973	21,196	21,145
Orange	2,000	4,451	6,716	6,722	7,273	6,877	7,009	6,362	6,888	7,081	6,866
Putnam	745	1,298	1,851	1,809	1,755	1,693	1,683	1,561	1,623	1,624	1,599
Rockland	1,577	2,814	4,096	3,880	3,980	4,092	4,157	4,028	4,018	4,306	4,456
Suffolk	7,192	12,813	18,091	17,424	17,529	15,862	17,870	16,912	18,098	18,447	19,941
Westchester	5,142	7,765	10,165	9,438	9,610	9,433	9,465	8,596	8,808	8,932	9,433
New York Suburban	26,915	47,531	65,925	63,044	64,005	62,578	65,105	61,667	64,556	65,532	67,278
New York Downstate Total	43,118	69,317	92,460	87,906	88,054	87,051	88,281	82,751	85,768	86,532	87,325
New York State Total	77,897	131,059	182,769	180,177	180,026	180,107	178,437	170,379	179,190	180,021	180,115
Percentage to State Total	55.4%	52.9%	50.6%	48.8%	48.9%	48.3%	49.5%	48.6%	47.9%	48.1%	48.5%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-5 Motor Vehicle Crash by Contributing Human Factors

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	3,037	3,765	4,526	4,070	4,395	5,062	4,263	4,423	5,285	5,117	4,605
Kings	7,802	8,687	9,600	9,606	9,582	11,035	11,410	11,003	11,958	11,396	9,700
New York	5,674	6,584	6,971	6,168	5,243	6,156	7,615	7,350	7,408	6,631	6,378
Queens	6,590	7,100	7,456	7,288	7,431	9,409	10,479	10,556	11,256	10,650	9,157
Richmond	1,652	1,518	1,905	1,654	1,522	1,880	2,441	2,691	2,560	2,221	1,788
New York City	24,755	27,654	30,458	28,786	28,173	33,542	36,208	36,023	38,467	36,015	31,628
Dutchess	2,270	3,233	4,299	4,325	4,258	4,350	3,985	3,982	4,109	3,907	4,105
Nassau	11,844	19,783	25,504	24,338	24,930	27,265	28,312	28,495	28,978	28,454	28,287
Orange	3,105	4,834	6,543	6,533	6,941	6,607	6,478	6,118	6,587	6,618	6,879
Putnam	835	1,420	1,875	1,789	1,733	1,707	1,611	1,609	1,624	1,648	1,716
Rockland	2,297	3,529	4,585	4,607	4,709	4,877	4,986	4,915	4,777	5,041	5,356
Suffolk	10,203	17,105	22,414	22,309	21,951	18,489	22,500	22,388	23,144	23,409	25,380
Westchester	5,064	7,374	9,352	9,009	9,205	9,168	9,662	9,334	9,636	9,589	10,437
New York Suburban	35,618	57,278	74,572	72,910	73,727	72,463	77,534	76,841	78,855	78,666	82,160
New York Downstate Total	60,373	84,932	105,030	101,696	101,900	106,005	113,742	112,864	117,322	114,681	113,788
New York State Total	101,734	146,851	189,963	188,061	189,220	194,105	198,818	196,395	203,457	200,052	200,691
Percentage to State Total	59.3%	57.8%	55.3%	54.1%	53.9%	54.6%	57.2%	57.5%	57.7%	57.3%	56.7%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-6 Motor Vehicle Crashes by Contributing Vehicular Factors

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	413	506	554	498	495	690	521	483	530	583	520
Kings	849	911	961	1,089	996	1,078	922	846	941	875	636
New York	532	557	587	497	434	505	627	537	506	499	457
Queens	826	732	802	853	784	732	780	749	669	739	627
Richmond	139	135	164	156	114	168	220	229	221	149	92
New York City	2,759	2,841	3,068	3,093	2,823	3,173	3,070	2,844	2,867	2,845	2,332
Dutchess	96	147	231	228	229	213	207	214	207	204	194
Nassau	316	584	762	693	673	818	863	800	820	755	768
Orange	132	261	395	369	381	424	359	308	336	331	371
Putnam	44	65	92	79	77	72	89	88	69	92	68
Rockland	99	170	216	185	177	206	184	178	183	177	203
Suffolk	395	631	859	855	876	795	836	849	873	845	857
Westchester	270	449	528	493	476	520	515	500	524	546	454
New York Suburban	1,352	2,307	3,083	2,902	2,889	3,048	3,053	2,937	3,012	2,950	2,915
New York Downstate Total	4,111	5,148	6,151	5,995	5,712	6,221	6,123	5,781	5,879	5,795	5,247
New York State Total	6,051	8,610	10,616	10,585	10,270	11,108	10,748	10,334	10,101	10,006	9,505
Percentage to State Total	67.9%	59.8%	57.9%	56.6%	55.6%	56.0%	57.0%	55.9%	58.2%	57.9%	55.2%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-7 Motor Vehicle Crashes by Contributing Environmental Factors

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	410	458	623	510	564	527	515	433	482	554	518
Kings	957	954	1,149	1,050	1,062	1,120	1,090	892	936	945	713
New York	559	592	608	541	496	461	623	425	435	459	372
Queens	1,004	1,051	1,211	1,053	1,122	1,113	1,269	1,045	1,027	995	786
Richmond	285	249	327	309	275	282	400	351	327	263	175
New York City	3,215	3,304	3,918	3,463	3,519	3,503	3,897	3,146	3,207	3,216	2,564
Dutchess	709	1,269	1,844	1,985	1,957	1,725	1,636	1,558	1,699	1,602	1,486
Nassau	1,617	2,512	3,651	3,283	3,634	3,190	3,646	3,131	3,103	3,209	3,094
Orange	875	1,808	2,933	3,054	3,184	2,892	3,016	2,607	2,818	2,885	2,704
Putnam	266	486	783	788	780	691	710	545	675	661	588
Rockland	531	777	1,289	1,234	1,258	1,265	1,263	1,138	1,120	1,217	1,265
Suffolk	1,750	2,847	4,714	4,519	4,757	3,454	4,550	3,906	3,997	4,502	4,695
Westchester	1,119	1,719	2,591	2,517	2,575	2,225	2,363	2,136	2,179	2,228	2,339
New York Suburban	6,867	11,418	17,805	17,380	18,145	15,442	17,184	15,021	15,591	16,304	16,171
New York Downstate Total	10,082	14,722	21,723	20,843	21,664	18,945	21,081	18,167	18,798	19,520	18,735
New York State Total	22,248	36,764	60,246	61,528	58,164	56,147	57,869	52,102	56,884	58,131	54,663
Percentage to State Total	45.3%	40.0%	36.1%	33.9%	37.2%	33.7%	36.4%	34.9%	33.0%	33.6%	34.3%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-8 Vehicle Crashes with Alcohol Involvement

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	124	146	192	199	163	180	135	171	187	183	182
Kings	267	319	332	331	323	340	316	371	350	361	296
New York	176	193	221	192	159	177	190	214	227	189	149
Queens	236	278	323	286	302	310	314	341	382	335	328
Richmond	70	75	82	71	68	77	99	118	96	98	75
New York City	873	1,011	1,150	1,079	1,015	1,084	1,054	1,215	1,242	1,166	1,030
Dutchess	130	172	226	215	198	172	202	161	165	161	159
Nassau	398	531	656	644	591	609	571	571	513	563	573
Orange	164	279	270	257	265	223	231	250	263	248	245
Putnam	46	83	121	113	80	83	75	97	80	86	81
Rockland	92	150	165	151	140	147	148	155	147	141	146
Suffolk	478	763	954	944	909	741	823	803	795	829	866
Westchester	265	382	404	403	387	351	350	364	336	356	349
New York Suburban	1,573	2,360	2,796	2,727	2,570	2,326	2,400	2,401	2,299	2,384	2,419
New York Downstate Total	2,446	3,371	3,946	3,806	3,585	3,410	3,454	3,616	3,541	3,550	3,449
New York State Total	5,302	7,547	9,026	8,722	8,439	8,108	7,934	8,138	7,857	7,849	7,464
Percentage to State Total	46.1%	44.7%	43.7%	43.6%	42.5%	42.1%	43.5%	44.4%	45.1%	45.2%	46.2%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D- 9 Total Pedestrian Fatalities in Vehicle/ Pedestrian Crashes

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	19	23	13	22	25	27	28	17	38	16	19
Kings	47	43	53	52	44	39	46	41	45	46	47
New York	46	46	35	38	35	29	30	32	35	24	20
Queens	39	34	26	34	47	43	36	37	57	38	36
Richmond	8	10	8	5	7	11	3	8	8	6	10
New York City	159	156	135	151	158	149	143	135	183	130	132
Dutchess	3	0	2	4	4	1	0	1	3	2	6
Nassau	38	30	27	27	33	32	19	39	34	22	36
Orange	7	8	2	5	6	3	5	3	2	5	6
Putnam	2	0	1	0	4	1	3	2	0	0	1
Rockland	5	8	3	2	2	4	3	4	3	5	4
Suffolk	30	26	29	32	29	34	47	41	42	31	53
Westchester	7	9	7	11	9	5	7	11	12	3	12
New York Suburban	92	81	71	81	87	80	84	101	96	68	118
New York Downstate Total	251	237	206	232	245	229	227	236	279	198	250
New York State Total	328	315	272	302	307	311	296	312	344	269	316
Percentage to State Total	76.5%	75.2%	75.7%	76.8%	79.8%	73.6%	76.7%	75.6%	81.1%	73.6%	79.1%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-10 Number of Female Drivers Involved in Crash

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	4,963	5,472	5,811	5,386	5,831	5,877	4,849	4,680	5,058	4,894	4,506
Kings	8,820	9,537	9,768	9,959	9,791	10,208	9,199	8,519	8,516	8,095	7,356
New York	3,973	4,353	4,595	4,110	3,778	3,917	3,985	3,654	3,660	3,108	3,118
Queens	11,083	11,415	12,067	11,604	11,563	11,961	10,809	10,345	10,495	9,983	9,056
Richmond	3,202	2,934	3,205	3,172	2,975	3,131	3,293	3,162	2,963	2,722	2,159
New York City	32,041	33,711	35,446	34,231	33,938	35,094	32,135	30,360	30,692	28,802	26,195
Dutchess	3,225	3,673	4,523	4,402	4,465	4,443	4,044	3,939	4,225	3,868	3,917
Nassau	18,082	22,290	25,870	24,927	24,693	25,697	26,135	25,582	25,928	25,051	24,937
Orange	3,785	4,885	6,226	6,208	6,552	6,230	6,183	5,702	6,083	6,119	6,035
Putnam	1,050	1,290	1,575	1,475	1,465	1,462	1,389	1,365	1,382	1,358	1,347
Rockland	3,041	3,713	4,485	4,157	4,217	4,366	4,374	4,227	4,134	4,264	4,446
Suffolk	15,998	19,907	23,285	22,867	22,742	20,087	22,139	21,504	22,527	22,575	23,471
Westchester	8,565	10,060	11,214	10,476	10,654	10,507	10,462	9,837	9,948	9,731	10,131
New York Suburban	53,746	65,818	77,178	74,512	74,788	72,792	74,726	72,156	74,227	72,966	74,284
New York Downstate Total	85,787	99,529	112,624	108,743	108,726	107,886	106,861	102,516	104,919	101,768	100,479

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-11 Number of Male Drivers Involved in Crash

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	12,052	12,872	14,072	13,067	13,851	13,924	11,373	11,288	12,244	11,796	17,447
Kings	23,337	24,399	25,608	25,602	25,629	26,378	24,012	21,469	22,309	21,106	19,357
New York	16,186	17,945	18,537	16,447	14,901	15,519	16,253	14,983	15,060	13,507	13,192
Queens	24,399	24,706	26,167	25,182	25,020	25,759	23,585	22,359	22,561	21,840	20,005
Richmond	4,816	4,548	5,103	4,691	4,427	4,804	4,823	4,871	4,482	3,955	3,400
New York City	80,790	84,470	89,487	84,989	83,828	86,384	80,046	74,970	76,656	72,204	73,401
Dutchess	3,954	4,894	5,732	5,567	5,540	5,302	5,065	4,990	5,053	4,794	4,894
Nassau	23,522	29,304	34,194	31,800	32,085	32,715	32,936	32,463	32,710	32,227	32,262
Orange	4,976	6,993	8,936	8,631	9,201	8,710	8,508	7,837	8,439	8,510	8,488
Putnam	1,500	1,962	2,449	2,358	2,212	2,137	2,053	1,989	2,011	2,042	2,110
Rockland	4,507	5,284	6,516	6,237	6,158	6,307	6,391	6,137	5,959	6,507	6,993
Suffolk	20,768	26,436	31,237	30,223	29,679	26,161	29,408	28,288	29,183	29,730	31,158
Westchester	11,413	13,624	15,732	14,246	14,302	14,022	14,016	13,008	13,480	13,280	14,562
New York Suburban	70,640	88,497	104,796	99,062	99,177	95,354	98,377	94,712	96,835	97,090	100,467
New York Downstate Total	151,430	172,967	194,283	184,051	183,005	181,738	178,423	169,682	173,491	169,294	173,868

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

Table D-12 Total Bicyclists Killed or Injured

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	255	290	309	317	291	349	253	315	366	388	397
Kings	1,101	1,003	1,065	1,086	1,110	1,477	1,459	1,447	1,545	1,372	1,134
New York	976	1,059	1,010	970	889	1,085	1,181	1,162	1,209	1,077	1,017
Queens	552	482	468	488	589	696	654	642	739	653	568
Richmond	61	42	39	48	45	54	66	56	52	60	44
New York City	2,945	2,876	2,891	2,909	2,924	3,661	3,613	3,622	3,911	3,550	3,160
Dutchess	30	26	28	37	34	45	38	39	50	29	37
Nassau	464	455	448	469	453	408	405	394	363	360	348
Orange	65	58	54	45	48	57	47	49	54	41	49
Putnam	11	3	1	6	8	7	7	5	4	4	9
Rockland	54	44	56	63	55	64	39	49	53	60	45
Suffolk	476	409	447	463	457	381	416	393	379	406	364
Westchester	143	143	138	108	121	116	106	105	99	98	113
New York Suburban	1,243	1,138	1,172	1,191	1,176	1,078	1,058	1,034	1,002	998	965
New York Downstate Total	4,188	4,014	4,063	4,100	4,100	4,739	4,671	4,656	4,913	4,548	4,125
New York State Total	5,727	5,471	5,423	5,464	5,434	6,096	5,940	5,974	6,180	5,769	5,313
Percentage to State Total	73.1%	73.4%	74.9%	75.0%	75.5%	77.7%	78.6%	77.9%	79.5%	78.8%	77.6%

Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research

Due to change of data collection method in 2006, the 2005 data is not comparable to the other years

This page is intentionally left blank

APPENDIX E

AIRPORTS

Table E Annual Major Airports Activities

in Thousands

Airport \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
John F. Kennedy											
Revenue Passengers	40,881	42,629	47,718	47,803	45,878	46,521	47,644	49,274	50,450	53,218	56,827
Aircraft Flights	349	378	434	430	408	389	401	392	397	412	427
Cargo Tonnage (Short Tons)	1,744	1,706	1,657	1,475	1,162	1,394	1,383	1,319	1,321	1,344	1,330
LaGuardia											
Revenue Passengers	25,879	25,811	25,026	23,073	22,153	23,983	24,123	25,708	26,681	26,972	28,438
Aircraft Flights	405	400	378	368	346	352	357	361	362	352	351
Cargo Tonnage (Short Tons)	16.0	13.9	9.6	8.9	6.7	7.5	7.4	7.0	6.7	7.1	7.7
Newark Liberty											
Revenue Passengers	33,073	35,765	36,367	35,361	33,360	33,194	33,698	33,984	35,016	35,611	37,495
Aircraft Flights	436	446	421	421	400	398	399	403	402	385	400
Cargo Tonnage (Short Tons)	957.5	979.3	953.6	869.5	761.9	860.9	812.3	742.9	663.0	667.0	704.7
Long Island MacArthur											
Revenue Passengers	n/a	2,313	2,372	2,098	1,898	1,746	1,582	1,356	1,222	1,310	1,223
Aircraft Flights	n/a	184	180	179	160	153	141	148	107	117	114
Cargo Tonnage (Short Tons)	n/a	2.0	2.5	n/a	1.3	0.8	0.7	0.5	0.5	0.4	0.5
Stewart											
Revenue Passengers	400	308	914	789	390	395	414	365	321	309	282
Aircraft Flights	12	10	16	14	8	8	8	9	8	7	7
Cargo Tonnage (Short Tons)	19.0	17.8	18.4	17.7	10.8	12.9	16.4	19.1	17.5	15.2	15.1
Westchester County											
Revenue Passengers	909	1,004	1,650	902	963	995	955	1,751	1,438	1,443	1,460
Aircraft Flights	57	58	177	38	35	36	34	32	27	25	23
Total Major Airports											
Revenue Passengers	101,141	107,830	114,047	110,026	104,642	106,834	108,415	112,438	115,127	118,863	125,725
Aircraft Flights	1,260	1,476	1,606	1,450	1,357	1,335	1,339	1,345	1,302	1,298	1,321
Cargo Tonnage	2,736.7	2,718.9	2,641.5	2,370.9	1,942.6	2,275.9	2,219.7	2,088.7	2,008.5	2,033.7	2,058.0

Source: Port Authority of NY & NJ, Westchester County Airport, Town of Islip

n/a: Not Available

APPENDIX F SOCIOECONOMIC AND DEMOGRAPHIC DATA

Table F-1 Total Employed Civilian Labor Force

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	497,887	518,322	543,532	570,743	518,964	506,861	534,369	541,891	550,661	548,477	563,903
Kings	1,014,886	1,058,141	1,083,353	1,120,268	1,056,594	1,039,166	1,092,754	1,132,538	1,163,409	1,138,762	1,167,448
New York	805,600	851,298	866,787	874,617	837,540	814,118	844,764	867,170	878,397	868,961	884,457
Queens	1,022,813	1,064,944	1,097,018	1,133,191	1,053,874	1,000,743	1,056,776	1,086,224	1,098,023	1,083,846	1,104,930
Richmond	200,588	220,226	215,842	227,135	200,512	184,471	205,619	208,219	210,276	207,199	209,113
New York City	3,541,774	3,712,931	3,806,532	3,925,954	3,667,484	3,545,359	3,734,282	3,836,042	3,900,766	3,847,245	3,929,851
Dutchess	141,170	146,587	144,031	145,217	130,177	134,633	139,573	143,221	146,654	143,344	143,829
Nassau	627,155	646,374	636,678	684,041	630,222	609,803	643,726	654,409	661,194	656,248	666,184
Orange	172,205	174,625	178,326	187,723	166,587	155,221	169,154	168,952	173,724	170,479	171,651
Putnam	50,280	52,752	47,943	54,711	44,416	43,026	50,801	50,868	53,348	50,404	51,412
Rockland	135,775	136,035	137,538	146,179	133,297	133,208	142,671	143,217	146,028	144,787	146,049
Suffolk	706,917	722,778	712,124	764,721	695,088	679,981	722,042	724,626	734,458	731,119	735,010
Westchester	442,860	444,585	463,114	469,567	437,775	439,337	446,547	454,327	470,180	461,126	465,097
New York Suburban	2,276,362	2,323,736	2,319,754	2,452,159	2,237,562	2,195,209	2,314,514	2,339,620	2,385,586	2,357,507	2,379,232
New York Total	5,818,136	6,036,667	6,126,286	6,378,113	5,905,046	5,740,568	6,048,796	6,175,662	6,286,352	6,204,752	6,309,083
Bergen	435,509	454,111	456,633	470,481	436,441	423,589	445,855	450,369	452,274	451,145	459,612
Essex	348,211	355,316	356,060	365,183	331,805	327,335	342,078	346,429	354,509	353,763	358,229
Hudson	288,785	301,943	307,497	314,650	296,561	300,075	322,682	328,898	336,685	331,881	339,606
Middlesex	378,631	396,272	394,447	406,621	368,168	376,602	395,279	397,038	400,296	400,296	402,766
Monmouth	307,216	315,648	318,988	334,356	298,220	289,013	301,694	305,207	308,589	305,912	307,183
Morris	244,877	254,742	255,652	264,191	240,718	234,032	248,217	258,655	259,541	255,325	258,862
Passaic	222,271	233,552	227,755	231,509	211,164	217,152	218,572	228,235	230,149	228,233	229,762
Somerset	161,121	167,297	167,805	171,832	156,871	161,439	163,504	166,757	171,405	167,982	170,172
Union	249,612	256,811	252,838	265,723	241,520	242,351	257,648	261,426	265,949	264,233	267,803
New Jersey Total	2,636,233	2,735,692	2,737,675	2,824,546	2,581,468	2,571,588	2,695,529	2,743,014	2,779,397	2,758,770	2,793,995
Fairfield	428,470	441,270	442,381	442,829	423,234	420,302	448,190	456,529	463,442	455,515	463,610
New Haven	405,857	421,995	421,473	435,650	402,304	405,632	414,335	410,919	415,518	416,917	419,901
Litchfield	101,097	102,846	100,935	103,363	93,820	94,763	97,079	100,105	99,698	98,661	98,294
Connecticut Total	935,424	966,111	964,789	981,842	919,358	920,697	959,604	967,553	978,658	971,093	981,805
NY-NJ-CT Region Total	9,389,793	9,738,470	9,828,750	10,184,501	9,405,872	9,232,853	9,703,929	9,886,229	10,044,407	9,934,615	10,084,883
Percentage to U.S. Total	6.88%	6.88%	6.89%	6.96%	6.69%	7.00%	6.91%	6.92%	6.92%	6.93%	6.92%
U.S. Total	136,458,810	141,501,434	142,588,118	146,266,253	140,602,470	131,846,735	140,399,548	142,921,687	145,128,676	143,435,233	145,747,779

Source: American Community Survey- US Census Bureau

This data is estimated by Census Bureau from the responses of the American Community Survey. It is the number of people who currently have job, are at least 16 years old, are not serving in the military and are not institutionalized.

Table F-2 Total Civilian Labor Force

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	559,656	587,476	604,312	627,427	624,374	623,302	638,559	641,300	644,781	645,038	655,467
Kings	1,116,652	1,142,518	1,160,755	1,207,823	1,231,116	1,219,822	1,242,054	1,274,258	1,298,411	1,274,014	1,297,115
New York	866,668	912,925	929,943	937,059	954,259	924,189	927,996	951,013	949,550	946,480	956,034
Queens	1,109,217	1,151,291	1,174,874	1,219,075	1,221,843	1,178,901	1,173,740	1,201,695	1,205,352	1,197,419	1,208,386
Richmond	215,321	232,725	226,327	240,101	234,595	219,265	224,132	224,303	226,903	224,362	224,499
New York City	3,867,514	4,026,935	4,096,211	4,231,485	4,266,187	4,165,479	4,206,481	4,292,569	4,324,997	4,287,313	4,341,501
Dutchess	149,070	155,162	152,732	154,523	151,674	157,396	157,181	158,290	159,717	157,973	157,487
Nassau	652,098	676,308	669,114	716,832	718,209	698,629	696,964	705,874	707,844	706,342	712,003
Orange	186,191	186,208	188,186	200,060	193,234	182,132	184,776	185,679	188,802	185,244	185,121
Putnam	52,970	55,437	49,904	57,095	51,778	49,459	55,325	56,057	56,235	54,681	55,162
Rockland	141,761	141,787	142,583	152,867	150,987	151,568	157,800	156,105	160,895	157,567	158,611
Suffolk	742,489	756,126	746,169	801,512	791,364	786,438	778,739	781,677	788,597	786,822	785,594
Westchester	474,275	469,558	488,047	495,213	500,512	498,898	487,481	496,189	513,492	501,796	503,509
New York Suburban	2,398,854	2,440,586	2,436,735	2,578,102	2,557,758	2,524,520	2,518,266	2,539,871	2,575,582	2,550,425	2,557,487
New York Total	6,266,368	6,467,521	6,532,946	6,809,587	6,823,945	6,689,999	6,724,747	6,832,440	6,900,579	6,837,738	6,898,988
Bergen	461,559	478,158	476,798	491,863	484,262	478,892	483,642	485,599	487,057	486,823	491,436
Essex	386,013	390,519	386,683	394,279	397,845	400,523	400,515	409,551	411,346	409,923	411,643
Hudson	311,248	327,864	330,201	336,484	346,016	359,408	363,833	365,556	371,800	369,970	374,293
Middlesex	400,406	419,378	416,273	427,930	418,388	436,344	433,269	433,329	436,217	437,097	435,528
Monmouth	324,793	336,289	337,568	353,491	343,588	334,163	336,685	334,970	336,976	334,440	333,439
Morris	258,788	265,806	265,615	275,044	268,155	265,835	272,288	276,428	276,049	274,619	276,181
Passaic	236,878	247,326	241,708	245,268	242,535	251,834	250,538	255,189	250,782	253,029	251,460
Somerset	168,724	176,349	173,260	180,963	175,478	178,975	177,191	178,537	181,829	179,728	181,012
Union	264,797	273,493	270,450	283,965	282,277	291,560	292,759	295,280	295,458	295,972	296,786
New Jersey Total	2,813,206	2,915,182	2,898,556	2,989,287	2,958,544	2,997,534	3,010,720	3,034,439	3,047,514	3,041,601	3,051,778
Fairfield	457,273	466,209	468,715	474,938	481,339	483,986	500,288	504,317	512,094	503,867	509,408
New Haven	435,052	454,635	452,492	468,669	465,765	471,908	470,617	463,640	456,776	465,182	464,091
Litchfield	106,191	107,880	106,658	109,474	108,460	108,122	106,392	108,956	107,561	106,813	105,827
Connecticut Total	998,516	1,028,724	1,027,865	1,053,081	1,055,564	1,064,016	1,077,297	1,076,913	1,076,431	1,075,862	1,079,326
NY-NJ-CT Region Total	10,078,090	10,411,427	10,459,367	10,851,955	10,838,053	10,751,549	10,812,764	10,943,792	11,024,524	10,955,201	11,030,092
Percentage to U.S. Total	6.88%	6.89%	6.87%	6.95%	6.95%	6.90%	6.91%	6.94%	6.96%	6.94%	6.94%
U.S. Total	146,576,413	151,203,992	152,211,303	156,225,077	156,044,453	155,917,013	156,460,172	157,703,368	158,498,347	157,940,014	158,897,824

Source: American Community Survey- US Census Bureau

This data is estimated by Census Bureau from the responses of the American Community Survey. it is the number of people who have jobs or are seeking a job, are at least 16 years old, are not serving in the military and are not institutionalized

Table F-3 Total Unemployed Civilian Labor Force

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	61,779	69,154	60,780	56,684	83,204	98,354	104,190	99,409	94,120	96,561	91,564
Kings	101,766	84,377	77,402	87,555	123,031	132,715	149,300	141,720	135,002	135,252	129,667
New York	61,068	61,627	63,156	62,442	92,475	84,775	83,232	83,843	71,153	77,519	71,577
Queens	86,404	86,347	77,856	85,884	120,460	130,909	116,964	115,471	107,329	113,573	103,456
Richmond	14,733	12,499	10,485	12,966	16,454	19,938	18,513	16,084	16,627	17,163	15,386
New York City	325,750	314,004	289,679	305,531	435,624	466,691	472,199	456,527	424,231	440,068	411,650
Dutchess	7,900	8,575	8,701	9,306	12,654	15,835	17,608	15,069	13,063	14,629	13,658
Nassau	24,943	29,934	32,436	32,791	52,190	58,172	53,238	51,465	46,650	50,094	45,819
Orange	13,986	11,583	9,860	12,337	13,784	15,653	15,622	16,727	15,098	14,765	13,470
Putnam	2,690	2,685	1,961	2,384	3,391	4,491	4,524	5,189	2,887	4,277	3,750
Rockland	5,986	5,752	5,045	6,688	11,006	11,227	15,129	12,888	14,867	12,780	12,562
Suffolk	35,572	33,348	34,045	36,791	57,936	65,712	56,697	57,051	54,139	55,703	50,584
Westchester	31,415	24,973	24,933	25,646	42,381	42,959	40,934	41,862	43,312	40,670	38,412
New York Suburban	122,492	116,850	116,981	125,943	193,342	214,049	203,752	200,251	190,016	192,918	178,255
New York Total	448,242	430,854	406,660	431,474	628,966	680,740	675,951	656,778	614,247	632,986	589,905
Bergen	26,050	24,047	20,165	21,382	32,881	40,590	37,787	35,230	34,783	35,678	31,824
Essex	37,802	35,203	30,623	29,096	49,612	56,377	58,437	63,122	56,837	56,160	53,414
Hudson	22,463	25,921	22,704	21,834	37,141	46,928	41,151	36,658	35,115	38,089	34,687
Middlesex	21,775	23,106	21,826	21,309	39,111	43,690	37,990	36,291	35,921	36,801	32,762
Monmouth	17,577	20,641	18,580	19,135	29,356	28,991	34,991	29,763	28,387	28,528	26,256
Morris	13,911	11,064	9,963	10,853	18,595	23,073	24,071	17,773	16,508	19,294	17,319
Passaic	14,607	13,774	13,953	13,759	23,997	27,906	31,966	26,954	20,633	24,796	21,698
Somerset	7,603	9,052	5,455	9,131	14,132	12,805	13,687	11,780	10,424	11,746	10,840
Union	15,185	16,682	17,612	18,242	28,449	36,063	35,111	33,854	29,509	31,739	28,983
New Jersey Total	176,973	179,490	160,881	164,741	273,274	316,423	315,191	291,425	268,117	282,831	257,783
Fairfield	28,803	24,939	26,334	32,109	46,335	51,947	52,098	47,788	48,652	48,352	45,798
New Haven	29,195	32,640	31,019	33,019	46,743	51,477	56,282	52,721	41,258	48,265	31,824
Litchfield	5,094	5,034	5,723	6,111	10,436	10,590	9,313	8,851	7,863	8,152	7,533
Connecticut Total	63,092	62,613	63,076	71,239	103,514	114,014	117,693	109,360	97,773	104,769	85,155
NY-NJ-CT Region Total	688,307	672,957	630,617	667,454	1,005,754	1,111,177	1,108,835	1,057,563	980,137	1,020,586	932,843
Percentage to U.S. Total	6.80%	6.94%	6.55%	6.70%	6.51%	6.58%	6.90%	7.15%	7.33%	7.04%	7.09%
U.S. Total	10,117,603	9,702,558	9,623,185	9,958,824	15,441,983	16,883,085	16,060,624	14,781,681	13,369,671	14,504,781	13,150,045

Source: American Community Survey- US Census Bureau

This data is estimated by Census Bureau from the responses of the American Community Survey. It is the number of people who currently have no job and is looking for a job, are at least 16 years old, are not serving in the military and are not institutionalized.

Table F-4 Unemployment Rate

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	11.0%	11.8%	10.1%	9.0%	13.3%	15.8%	16.3%	15.5%	14.6%	15.0%	14.0%
Kings	9.1%	7.4%	6.7%	7.2%	10.0%	10.9%	12.0%	11.1%	10.4%	10.6%	10.0%
New York	7.0%	6.8%	6.8%	6.7%	9.7%	9.2%	9.0%	8.8%	7.5%	8.2%	7.5%
Queens	7.8%	7.5%	6.6%	7.0%	9.9%	11.1%	10.0%	9.6%	8.9%	9.5%	8.6%
Richmond	6.8%	5.4%	4.6%	5.4%	7.0%	9.1%	8.3%	7.2%	7.3%	7.6%	6.9%
New York City	8.4%	7.8%	7.0%	7.1%	10.0%	11.2%	11.1%	10.4%	9.7%	10.2%	9.4%
Dutchess	5.3%	5.5%	5.7%	6.0%	8.3%	10.1%	11.2%	9.5%	8.2%	9.3%	8.7%
Nassau	3.8%	4.4%	4.8%	4.6%	7.3%	8.3%	7.6%	7.3%	6.6%	7.1%	6.4%
Orange	7.5%	6.2%	5.2%	6.2%	7.1%	8.6%	8.5%	9.0%	8.0%	8.0%	7.3%
Putnam	5.1%	4.8%	3.9%	4.2%	6.5%	9.1%	8.2%	9.3%	5.1%	7.8%	6.8%
Rockland	4.2%	4.1%	3.5%	4.4%	7.3%	7.4%	9.6%	8.3%	9.2%	8.1%	7.9%
Suffolk	4.8%	4.4%	4.6%	4.6%	7.3%	8.4%	7.3%	7.3%	6.9%	7.1%	6.4%
Westchester	6.6%	5.3%	5.1%	5.2%	8.5%	8.6%	8.4%	8.4%	8.4%	8.1%	7.6%
New York Suburban	5.3%	4.6%	4.7%	5.0%	7.5%	8.6%	8.7%	8.4%	7.5%	7.9%	7.3%
New York Average	6.9%	6.2%	5.8%	6.0%	8.7%	9.9%	9.9%	9.4%	8.6%	9.1%	8.3%
Bergen	5.6%	5.0%	4.2%	4.3%	6.8%	8.5%	7.8%	7.3%	7.1%	7.3%	6.5%
Essex	9.8%	9.0%	7.9%	7.4%	12.5%	14.1%	14.6%	15.4%	13.8%	13.7%	13.0%
Hudson	7.2%	7.9%	6.9%	6.5%	10.7%	13.1%	11.3%	10.0%	9.4%	10.3%	9.3%
Middlesex	5.4%	5.5%	5.2%	5.0%	9.3%	10.0%	8.8%	8.4%	8.2%	8.4%	7.5%
Monmouth	5.4%	6.1%	5.5%	5.4%	8.5%	8.7%	10.4%	8.9%	8.4%	8.5%	7.9%
Morris	5.4%	4.2%	3.8%	3.9%	6.9%	8.7%	8.8%	6.4%	6.0%	7.0%	6.3%
Passaic	6.2%	5.6%	5.8%	5.6%	9.9%	11.1%	12.8%	10.6%	8.2%	9.8%	8.6%
Somerset	4.5%	5.1%	3.1%	5.0%	8.1%	7.2%	7.7%	6.6%	5.7%	6.5%	6.0%
Union	5.7%	6.1%	6.5%	6.4%	10.1%	12.4%	12.0%	11.5%	10.0%	10.7%	9.8%
New Jersey Average	6.1%	6.1%	5.4%	5.5%	9.2%	10.4%	10.5%	9.4%	8.6%	9.2%	8.3%
Fairfield	6.3%	5.3%	5.6%	6.8%	9.6%	10.7%	10.4%	9.5%	9.5%	9.6%	9.0%
New Haven	6.7%	7.2%	6.9%	7.0%	10.0%	10.9%	12.0%	11.4%	9.0%	10.4%	6.9%
Litchfield	4.8%	4.7%	5.4%	5.6%	9.6%	9.8%	8.8%	8.1%	7.3%	7.6%	7.1%
Connecticut Average	5.9%	5.7%	5.9%	6.5%	9.8%	10.5%	10.4%	9.7%	8.6%	9.2%	7.7%
NY-NJ-CT Region	6.3%	6.0%	5.7%	6.0%	9.2%	10.3%	10.2%	9.5%	8.6%	9.1%	8.1%
US Unemployment Rate	6.9%	6.4%	6.3%	6.4%	7.5%	7.9%	8.7%	9.3%	9.7%	9.2%	8.3%

Source: American Community Survey- US Census Bureau

This data is estimated by Census Bureau from the responses of the American Community Survey.

Table F-5 Population

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	1,364,566	1,361,473	1,373,659	1,391,903	1,397,287	1,386,657	1,392,002	1,408,473	1,418,733	1,413,566	1,428,357
Kings	2,511,408	2,508,820	2,528,050	2,556,598	2,567,098	2,508,340	2,532,645	2,565,635	2,592,149	2,570,801	2,595,259
New York	1,606,275	1,611,581	1,620,867	1,634,795	1,629,054	1,586,698	1,601,948	1,619,090	1,626,159	1,618,398	1,629,507
Queens	2,256,576	2,255,175	2,270,338	2,293,007	2,306,712	2,233,841	2,247,848	2,272,771	2,296,175	2,280,602	2,301,139
Richmond	475,014	477,377	481,613	487,407	491,730	469,363	470,467	470,728	472,621	471,522	472,481
New York City	8,213,839	8,214,426	8,274,527	8,363,710	8,391,881	8,184,899	8,244,910	8,336,697	8,405,837	8,354,889	8,426,743
Dutchess	294,509	295,146	292,746	292,878	293,562	297,577	297,999	297,322	296,916	297,388	296,928
Nassau	1,331,620	1,325,662	1,306,533	1,351,625	1,357,429	1,341,245	1,344,436	1,349,233	1,352,146	1,350,601	1,354,612
Orange	372,750	376,392	377,169	379,647	383,532	373,355	374,872	374,512	375,592	374,518	375,384
Putnam	100,528	100,603	99,489	99,244	99,265	99,713	99,933	99,607	99,645	99,697	99,488
Rockland	294,636	294,965	296,483	298,545	300,173	312,183	315,158	317,757	320,903	318,186	320,688
Suffolk	1,472,086	1,469,715	1,453,229	1,512,224	1,518,475	1,494,434	1,498,816	1,499,273	1,499,738	1,500,373	1,501,373
Westchester	947,719	949,355	951,325	953,943	955,962	950,541	955,899	961,670	968,802	962,319	967,315
New York Suburban	4,813,848	4,811,838	4,776,974	4,888,106	4,908,398	4,869,048	4,887,113	4,899,374	4,913,742	4,903,082	4,915,788
New York Total	13,027,687	13,026,264	13,051,501	13,251,816	13,300,279	13,053,947	13,132,023	13,236,071	13,319,579	13,257,971	13,342,531
Bergen	902,308	904,037	895,744	894,840	895,250	906,541	911,004	918,888	925,328	920,456	926,330
Essex	789,166	786,147	776,087	770,675	769,644	784,228	785,137	787,744	789,565	789,616	791,609
Hudson	602,970	601,146	598,160	595,419	597,924	635,294	641,224	652,302	660,282	654,878	662,619
Middlesex	789,283	786,971	788,629	789,102	790,738	810,986	814,217	823,041	828,919	824,046	830,300
Monmouth	634,841	635,285	642,030	642,448	644,105	630,966	631,020	629,384	629,672	629,702	629,185
Morris	490,084	493,160	488,475	487,548	488,518	492,694	494,976	497,999	499,397	497,103	498,192
Passaic	496,985	497,093	492,115	490,948	491,778	501,860	502,007	502,885	505,672	505,403	507,574
Somerset	319,830	324,186	323,552	324,563	326,869	324,194	324,893	327,707	330,585	328,704	330,604
Union	530,710	531,088	524,658	523,249	526,426	537,661	539,494	543,976	548,256	545,236	548,744
New Jersey Total	5,556,177	5,559,113	5,529,450	5,518,792	5,531,252	5,624,424	5,643,972	5,683,926	5,717,676	5,695,144	5,725,157
Fairfield	901,086	900,440	895,015	895,030	901,208	918,714	925,899	933,835	939,904	934,215	939,983
New Haven	844,510	845,244	845,494	846,101	848,006	862,989	861,113	862,813	862,287	863,148	862,224
Litchfield	189,358	190,119	188,273	187,745	188,728	189,840	188,789	187,530	186,924	187,542	186,304
Connecticut Total	1,934,954	1,935,803	1,928,782	1,928,876	1,937,942	1,971,543	1,975,801	1,984,178	1,989,115	1,984,905	1,988,511
NY-NJ-CT Region Total	20,518,818	20,521,180	20,509,733	20,699,484	20,769,473	20,649,914	20,751,796	20,904,175	21,026,370	20,938,020	21,056,199
Percentage to U.S. Total	7.1%	6.9%	6.8%	6.8%	6.9%	6.8%	6.8%	6.8%	6.7%	6.7%	6.7%
US Population	288,378,137	299,398,485	301,621,159	304,059,728	301,461,533	303,965,272	306,603,772	309,138,711	311,536,594	314,107,084	316,515,021

Source: American Community Survey- US Census Bureau

Table F-6 Public School Enrollment

County \ Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Bronx	318,080	323,780	318,735	323,947	319,552	326,013	321,952	327,417	331,477	330,701	344,046
Kings	474,761	503,729	480,464	485,493	483,660	481,369	472,957	478,530	481,009	468,831	480,314
New York	183,615	188,413	186,426	188,048	177,233	191,779	181,883	183,000	188,546	186,727	185,178
Queens	414,667	419,743	413,199	417,592	418,580	425,405	424,360	439,121	430,151	435,442	440,572
Richmond	89,624	84,160	89,172	94,857	91,722	94,044	91,055	94,786	93,014	90,388	89,867
New York City	1,480,747	1,519,825	1,487,996	1,509,937	1,490,747	1,518,610	1,492,207	1,522,854	1,524,197	1,512,089	1,539,977
Dutchess	57,315	59,729	59,530	60,060	58,591	59,957	58,752	59,537	56,541	57,965	55,905
Nassau	259,840	269,637	260,389	260,423	269,956	263,657	259,836	265,816	254,995	256,426	259,118
Orange	81,264	84,084	90,949	84,535	90,017	88,109	83,311	83,962	85,227	79,644	76,884
Putnam	20,198	21,687	19,874	19,842	21,728	20,442	21,574	21,210	20,752	19,748	18,399
Rockland	53,649	53,458	49,900	54,246	53,027	55,097	53,258	55,006	55,332	53,382	54,327
Suffolk	318,176	329,572	324,119	338,252	337,457	329,099	339,170	329,458	325,125	326,756	322,707
Westchester	174,251	189,527	186,148	188,167	186,062	186,483	191,520	197,604	192,852	186,189	186,727
New York Suburban	964,693	1,007,694	990,909	1,005,525	1,016,838	1,002,844	1,007,421	1,012,593	990,824	980,110	974,067
New York Total	2,445,440	2,527,519	2,478,905	2,515,462	2,507,585	2,521,454	2,499,628	2,535,447	2,515,021	2,492,199	2,514,044
Bergen	174,161	170,007	170,131	165,874	166,829	176,950	183,561	175,231	180,354	189,894	181,839
Essex	171,323	172,940	158,466	170,461	170,551	177,731	180,690	176,427	182,828	179,639	173,234
Hudson	116,720	115,991	115,103	109,073	109,772	124,260	118,000	127,862	122,188	130,363	121,553
Middlesex	167,936	173,349	177,255	170,418	171,492	188,741	182,078	189,607	187,277	188,405	189,179
Monmouth	133,004	130,063	132,976	134,237	131,666	127,703	128,320	131,654	128,279	130,063	120,417
Morris	99,004	98,316	96,145	97,330	96,408	99,175	98,300	99,074	102,851	97,419	99,340
Passaic	104,693	106,924	100,003	109,490	108,770	117,161	121,013	115,327	119,959	113,804	113,369
Somerset	67,130	69,608	67,922	66,497	68,389	67,809	69,702	67,390	67,724	69,174	65,142
Union	113,088	110,591	109,310	117,343	113,424	119,043	116,827	119,478	121,802	124,172	115,400
New Jersey Total	1,147,059	1,147,789	1,127,311	1,140,723	1,137,301	1,198,573	1,198,491	1,202,050	1,213,262	1,222,933	1,179,473
Fairfield	183,636	183,805	179,412	176,591	180,485	191,372	191,115	193,096	193,136	192,651	193,146
New Haven	172,334	170,168	176,269	170,086	168,172	174,829	173,605	174,555	172,773	170,989	166,392
Litchfield	36,744	37,614	35,343	36,216	36,135	37,382	36,872	34,818	32,221	32,638	32,940
Connecticut Total	392,714	391,587	391,024	382,893	384,792	403,583	401,592	402,469	398,130	396,278	392,478
NY-NJ-CT Region Total	3,985,213	4,066,895	3,997,240	4,039,078	4,029,678	4,123,610	4,099,711	4,139,966	4,126,413	4,111,410	4,085,995
Percentage to U.S. Total	6.26%	6.18%	6.07%	6.12%	5.99%	5.96%	5.90%	5.95%	5.96%	5.97%	5.97%
U.S. Total	63,666,638	65,850,109	65,814,490	65,990,517	67,308,847	69,183,599	69,538,443	69,529,393	69,229,354	68,921,593	68,485,068

Source: American Community Survey- US Census Bureau

Table F-7 Inflation Rate All Urban Consumers for New York- Northern New Jersey- Long Island Area

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
FOOD & BEVERAGES	2.8	3.0	3.9	5.6	2.3	0.9	3.2	2.8	1.1	1.8	2.0
Food at home	-1.3	2.1	3.9	6.7	1.6	0.8	4.0	2.9	1.1	1.8	1.6
Food Away from Home	2.8	4.1	4.1	4.6	3.1	1.0	2.5	2.8	1.2	2.2	2.6
HOUSING	4.5	5.1	3.5	3.6	0.8	0.6	1.3	1.2	2.1	2.2	1.0
Shelter	4.0	5.3	3.7	3.0	2.0	0.6	1.5	1.8	2.5	2.7	2.5
Rent, Residential	5.3	5.2	4.5	5.1	3.9	2.1	2.2	2.4	3.1	3.0	3.1
Homeowners' Cost	2.3	5.6	3.6	3.2	2.4	0.5	1.3	1.7	2.3	2.7	2.4
Fuel & Utilities	14.8	7.6	5.4	12.6	-6.0	0.5	1.3	-3.4	2.2	2.7	-8.9
Furnishings & Operations	-0.8	1.4	-0.9	-2.2	-2.0	-2.0	-1.1	0.6	-1.5	-2.5	-2.6
APPAREL	2.0	-1.5	-1.9	0.0	2.7	3.4	3.6	1.7	1.4	-0.5	3.0
TRANSPORTATION	5.3	3.8	1.2	6.2	-6.1	6.8	9.9	2.5	1.2	-0.8	-7.1
Private	5.4	4.0	1.3	6.2	-6.5	6.9	10.4	2.7	0.1	-0.7	-8.3
Gasoline	20.6	13.6	5.7	17.5	-26.6	18.5	28.3	4.0	-3.2	-4.2	-29.4
MEDICAL CARE	3.0	4.0	5.5	2.3	0.8	2.6	3.1	5.0	3.2	2.7	2.5
OTHER GOODS & SERVICES	2.9	1.0	1.3	3.3	3.7	4.3	2.0	2.1	0.9	1.1	1.3
All Items (Inflation Rate)	3.9	3.8	2.8	3.9	0.4	1.7	2.8	2.0	1.7	1.3	0.1
US All Items	3.4	3.2	2.8	3.8	-0.4	1.6	3.2	2.1	1.5	1.6	0.1

Source: CPI Detailed Report- U.S. Bureau of Labor Statistics

The rate at which the level of prices of good and services for urban consumers are rising. It is calculated based on the annual consumer price index- all urban consumers (CPI-U).

Table F-8 Gross Domestic Product for New York-Newark-Jersey City Area

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Gross Domestic Product	1,151,061	1,218,230	1,272,799	1,259,995	1,277,702	1,340,859	1,365,795	1,440,989	1,478,671	1,537,140	1,602,705
Growth Rate	7.1	5.8	4.5	-1.0	1.4	4.9	1.9	5.5	2.6	4.0	4.3

Source: Bureau of Economic Analysis, US Department of Commerce

