NYMTC
NEW YORK METROPOLITAN TRANSPORTATION COUNCIL

Regional Transportation Statistical Report 2023

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL

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New York Metropolitan Transportation Council

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Introduction

The New York Metropolitan Transportation Council (NYMTC) is a council of government agencies and transportation providers which serves as the federally designated Metropolitan Planning Organization (MPO) for New York City (NYC), Long Island, and the Lower Hudson Valley. 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. In fulfilling its role as an MPO, NYMTC provides a collaborative planning forum to address transportation related issues and develop regional plans. The decisions on the use of federal transportation funds are made by NYTMC to support the specified planning process under federal regulations for its planning area.

NYMTC's planning area covers 2,440 square miles and includes a population of 12.9 million, accounting for approximately 65% of New York State's population, based on 2023 Census data. To facilitate the metropolitan transportation planning process in its area, the Council has effectively generated annual monitoring of transportation and demographic trends in the region over the past four decades. The Regional Transportation Statistical Report (RTSR) is produced to support the planning process by generating data for 24 counties in the tri-state area, including:

NYMTC provides a collaborative planning forum to address transportation issues.

New York

Dutchess
Nassau
Orange
Putnam
Rockland
Suffolk
Westchester

New York City

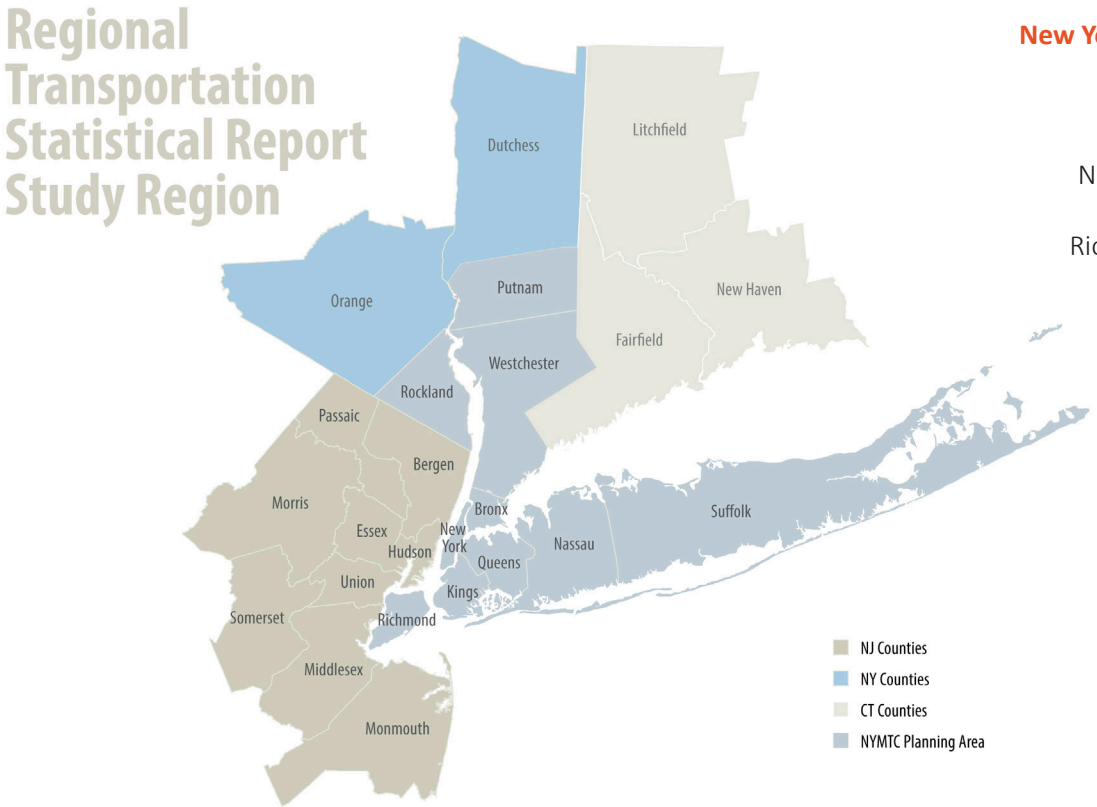
Bronx
Kings
New York
Queens
Richmond

New Jersey

Bergen
Essex
Hudson
Middlesex
Monmouth
Morris
Passaic
Summerset
Union

Connecticut

Fairfield
Litchfield
New Haven



Executive Summary

The 2023 Regional Transportation Statistical Report (RTSR) presents a comprehensive assessment of travel patterns, system performance, and socioeconomic trends across the NYMTC region. Using data from federal, state, and local sources, the report supports regional planning, policy evaluation, and investment decisions by providing a consistent and data-driven view of the transportation system.

Key Findings

- Travel to the Manhattan Central Business District (CBD) continues to recover, though patterns have shifted compared to pre-pandemic conditions. Findings from NYMTC's Hub-Bound analysis indicate that transit remains the dominant mode for CBD-bound trips, despite changes in peak-period demand and commuting frequency.

- Transit ridership is gradually increasing but remains below pre-pandemic levels, with variation across modes and subregions.

- Commuter rail systems have experienced slower recovery compared to subway and bus services, reflecting ongoing hybrid work trends.

- Highway travel has largely rebounded, contributing to renewed congestion in key corridors. Vehicle miles traveled (VMT) and travel time reliability indicate increasing pressure on the roadway network.

- Socioeconomic trends continue to shape travel demand, with uneven population and employment changes across the region. These shifts influence commuting patterns, transit usage, and overall system performance.

- Traffic safety remains a critical concern, with data showing fluctuations in crashes, injuries, and fatalities. Behavioral factors such as speeding and impaired driving continue to play a significant role.

- Freight movement remains essential to the regional economy, with growing demand placing additional strain on infrastructure, particularly in urban and last-mile delivery contexts.

Regional Goals

NYMTC's Regional Transportation Plan, Moving Forward 2055, recognizes that mobility is crucial to the lives of residents and visitors alike, as well as the region's economic vitality. NYMTC's members came together to outline shared goals, envisioning a future where transportation infrastructure and technology enhance community health, minimize pollution, and where strategic investment in transportation supports continued economic growth.

The information presented in this report is used in part to measure the region's performance toward achieving the shared regional goals of establishing and maintaining a transportation system for which:

- **Safety and security** are maximized for people and goods across all uses and modes.
- **Infrastructure** is maintained and improved in a sustainable manner.
- **Congestion** is mitigated through investments and technology in support of healthier communities, more seamless travel, improved quality of life, and regional economic competitiveness.
- **Resiliency** is supported through mitigating, adapting to, and responding to chronic and acute stresses and disruptions.
- **Fairness** in transportation is advanced and **access** to opportunities is improved for all communities.
- **Land use** decisions are encouraged in support of strategic transportation enhancements and improving modal choices.
- **Environmental impacts**—including harmful air pollutants—are significantly reduced.

Mobility—the ability of people and goods to move easily and safely to, from, and between locations—is crucial to the lives of residents and visitors alike, as well as the region's economic vitality.

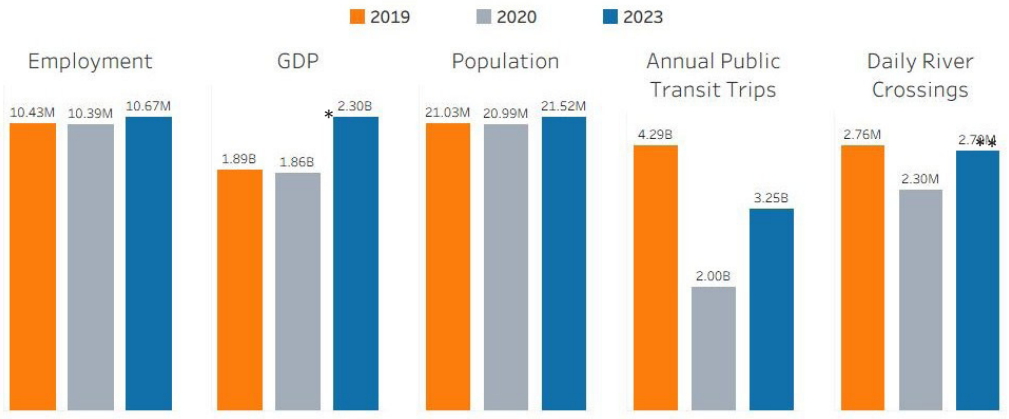
Challenges

Gross domestic product grew by 5.8% and annual public transit trips increased by 16%.

COVID-19 Pandemic

The COVID-19 pandemic created a significant disruption in regional travel patterns. Starting from March 2020, all transportation modes saw steep reductions in passenger travel. Since then, key indicators that assess economy and system performance have trended upwards, though the intensity of these increases have varied by mode. Other consequences, such as the rise in telecommuting, may also have longer lasting impacts on how and where travel occurs in the region.

FIGURE 1. CHANGES IN KEY INDICATORS IN STUDY REGION



* Gross Domestic Product
** Vehicles crossing the major bridges and tunnels

Changes in Data Collection

Across the years, data collection methods, standards, and sources have changed in various ways as new technologies emerge and agency staff shift. Sometimes it becomes necessary to use multiple data sources for tables that previously only required one. Care should be taken when comparing data from different years. Sources for the data used in this report can be found under the tables in the appendix.

With the last Regional Transportation Statisics Report being published in 2016, it is important to note the gap in publications. This was due to the COVID-19 pandemic which delayed and distruped data as well as impacted staffing in various angencies and NYMTC.

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Public Transportation

Public Transportation

Movement of people and goods is vital to our region's economic health.

- Moving Forward 2055

Unlinked Passenger Trips

The New York-New Jersey-Connecticut region is heavily transit-dependent, with a variety of public transportation systems operating in its different sectors. During 2023, transit services in the NY-NJ-CT region included 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: Metropolitan Transportation Authority (MTA) NYC Transit, MTA Bus Company.

NY 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, Clarkstown 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): MTA Metro-North Railroad, MTA Long Island Rail Road.

NY Ferries: New York City Department of Transportation, New York City Economic Development Corporation, Private Ferries.

NJ Transit Bus: New Jersey Transit

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

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

NJ Suburban Rail: New Jersey Transit.

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

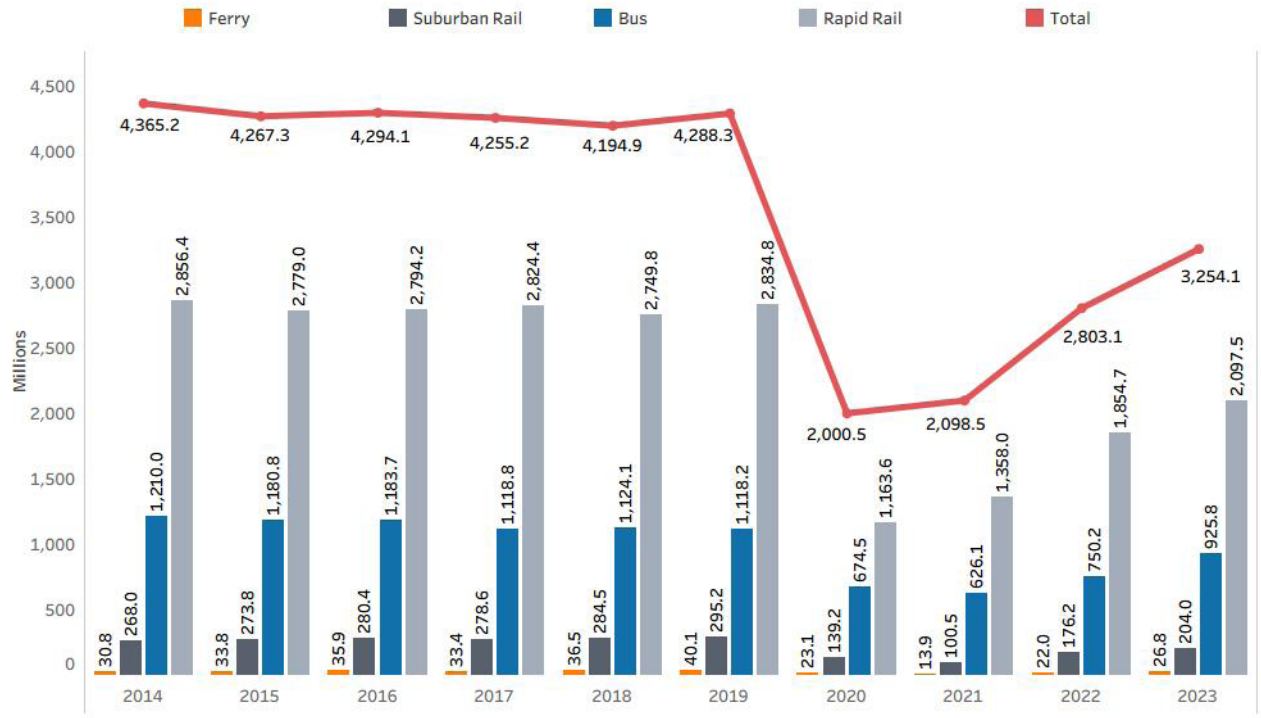
CT Private Bus: Norwalk Transit District, Greater Bridgeport Transit Authority, Housatonic Area Regional Transit, Milford Transit District.

Regional Public Transportation Type and Unlinked Passenger Trips

Unlinked Passenger Trips: The number of passengers who board public transportation vehicles. Each count reflects the boarding of a passenger onto a single vehicle and does not link trips from other vehicles or modes that may have been used to travel from their origin to their destination.

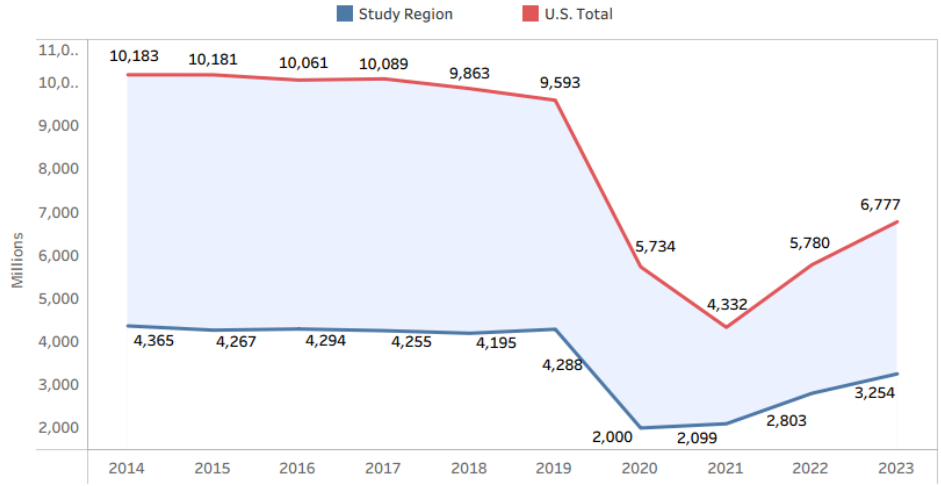
To examine the public transit ridership historic trends for the past decade, the data "unlinked passenger trips" is collected from the National Transit Database (NTD) of the Federal Transit Administration (FTA). All the transit agencies report unlinked passenger trips data to the FTA annually.

FIGURE 2. ANNUAL PUBLIC TRANSPORTATION UNLINKED TRIPS IN NEW YORK METROPOLITAN AREA



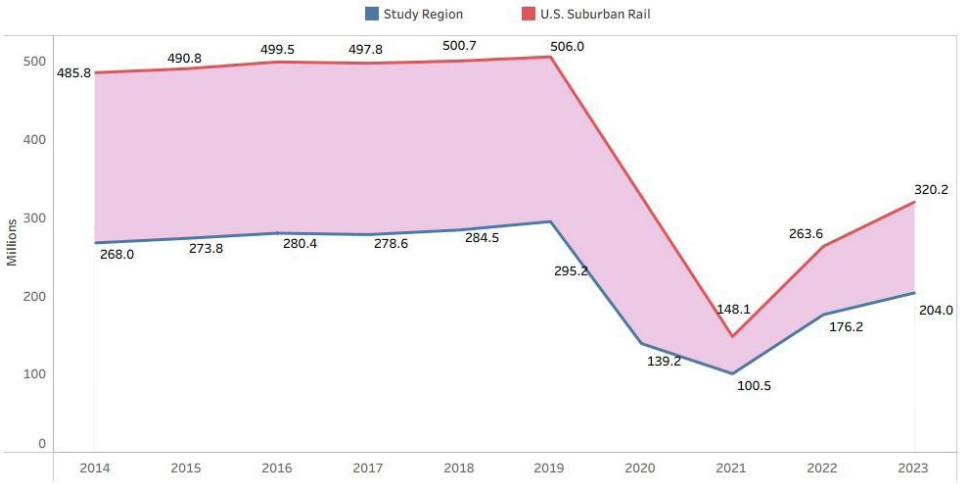
Source: National Transit Database - Federal Transit Administration

FIGURE 3. COMPARISON OF ANNUAL UNLINKED TRIPS IN NY-NJ-CT REGION/US



Source: National Transit Database - Federal Transit Administration

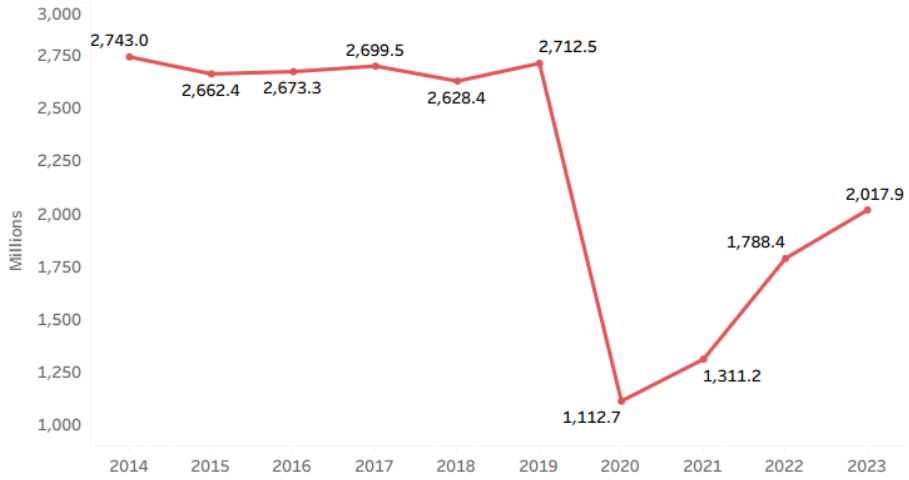
FIGURE 4. COMPARISON OF ANNUAL SUBURBAN RAIL UNLINKED TRIPS IN NY-NJ-CT REGION/US



Source: National Transit Database - Federal Transit Administration

RAPID TRANSIT

FIGURE 5. ANNUAL NEW YORK CITY SUBWAY UNLINKED PASSENGER TRIP



Source: National Transit Database - Federal Transit Administration

Up until 2019, the overarching public transportation system in the NY-NJ-CT region had sustained over 4 billion unlinked trips annually. There was a significant drop in ridership in 2020 due to the COVID-19 pandemic, where there was 2 billion unlinked annual trips, compared to 2019's 4.29 billion. National ridership also dropped 40% between 2019 and 2020 to 5.3 billion trips, with a low of 4.33 billion trips in 2021. From 2021, we have seen a steady recovery in national ridership with a 17.3% increase in trips between 2022 (5.78 billion) and 2023 (6.78 billion) (Figure 3 & Table A-1). The NY-NJ-CT share of transit in the U.S. has also grown. Between 2019 and 2023, the NY-NJ-CT share of transit grew over 3% from 44.7% in 2019 to 48.02% in 2023.

In 2023:
NYC subway
Over
2 billion trips

PATH
55.1 million
trips.

Comparing the NY-NJ-CT tri-state region's transit ridership with that of the United States, the heavy concentration of transit use in the region is evident. After a high of 872 million trips in 2018, New York City bus ridership had a significant drop after 2019, reaching a low of 496 million trips in 2021 (Figure 8 & Table A-1). Since then, NYC bus travel has been recovering, showing a 25% increase in trips from 2022 to 2023. NY suburban rail followed a similar pattern, with a significant decrease in ridership during 2020 with 72 million trips followed by some recovery, with a 10% increase in trips between 2022 and 2023. During that same period, MTA Metro North ridership increased 21.7%. NY rapid rail transit, which includes the NYC subway, is the highest mode of travel in the region, with over 2 billion trips in 2023. New York buses account for over 700 million trips and suburban rail reports 150 million trips.

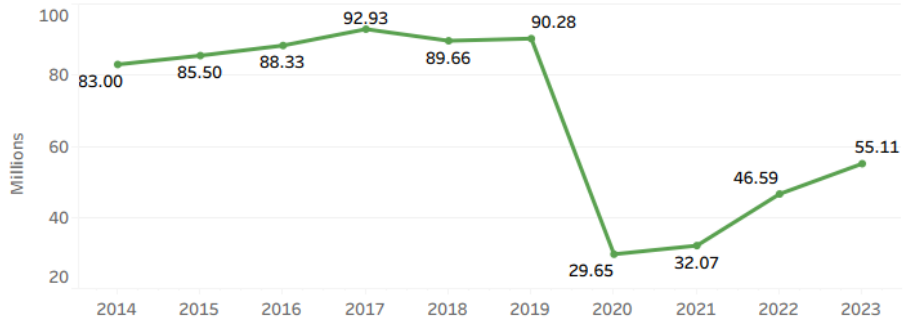
The NYC subway ridership rose to 2.7 billion in 2019. Volume significantly decreased in 2020 but has been steadily recovering. PATH trains experienced the same trend with a low of 29.7 million trips in 2020 but rose to 55.1 million in 2023.

Unlinked trips for operators of suburban rail in the region, including MTA Metro-North, MTA Long Island Rail Road and New Jersey Transit, all saw a significant decrease in unlinked trips in 2020. Operators reported 29.4, 43.5, and 66.3 million total unlinked trips in 2020, respectively. In the following years, operators have experienced some recovery, reporting increases of 105.6%, 70.3%, and 181.7%, respectively, between 2021 and 2023.

New Jersey and Connecticut bus operators followed a different pattern, with their unlinked trips continuing to decline through 2021. NJ Transit Bus and CT Transit Bus reported 77.5 and 7 million trips in 2021, respectively, compared to 119.1 and 9.2 million in 2020, showing a 48% and 32% decrease. After 2021, there was some recovery with NJ Transit Bus and CT Transit Bus reporting 123.8 million trips and 11.2 million trips, respectively, for 2023.

Ferry operators in New York City also saw decreases in unlinked trips as a result of COVID-19. After a 10-year high in ridership with 25.2 million passenger trips in 2019, Staten Island Ferry saw a new low of 7.6 million trips in 2021. NYC Ferry saw a similar trend, with a 33% decrease from 5.7 million trips in 2019 to 3.8 million in 2021.

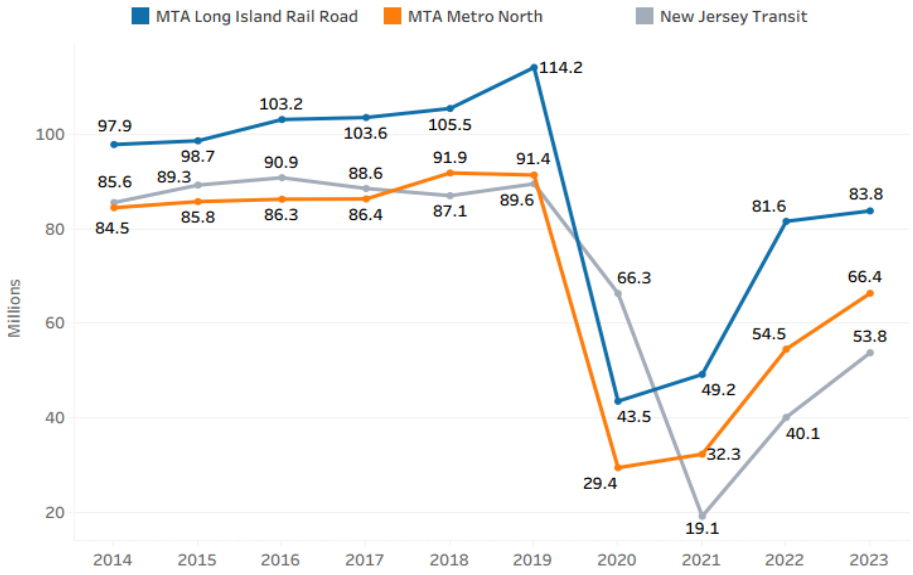
FIGURE 6. ANNUAL PATH UNLINKED PASSENGER TRIPS



Source: National Transit Database - Federal Transit Administration

SUBURBAN RAIL

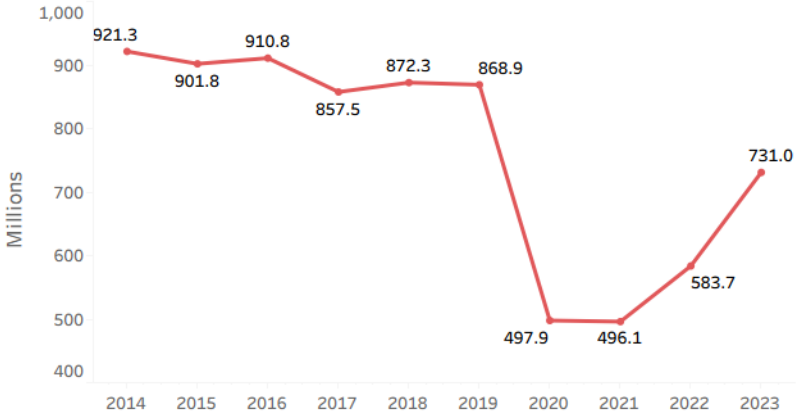
FIGURE 7. ANNUAL SUBURBAN RAIL ROAD UNLINKED TRIPS



Source: National Transit Database - Federal Transit Administration

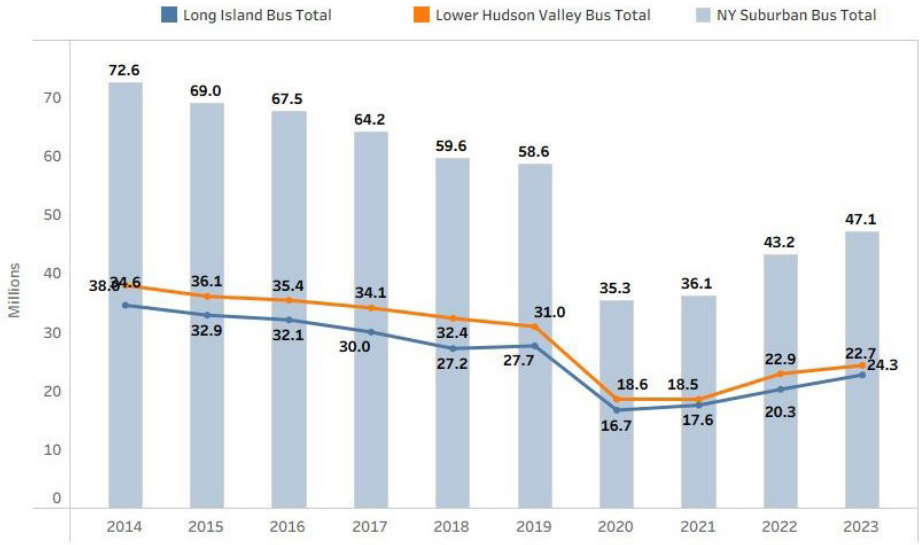
BUS

FIGURE 8. ANNUAL NEW YORK CITY BUS UNLINKED PASSENGER TRIPS



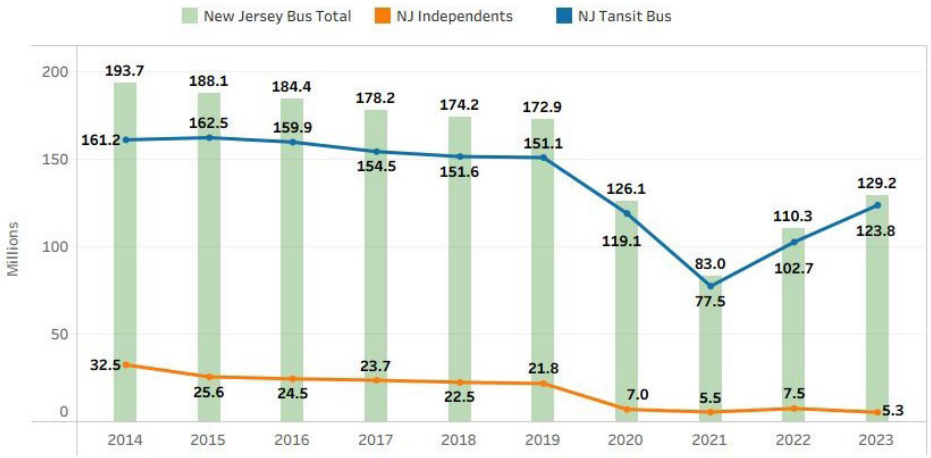
Source: National Transit Database - Federal Transit Administration

FIGURE 9. ANNUAL NEW YORK SUBURBAN BUS UNLINKED PASSENGER TRIPS



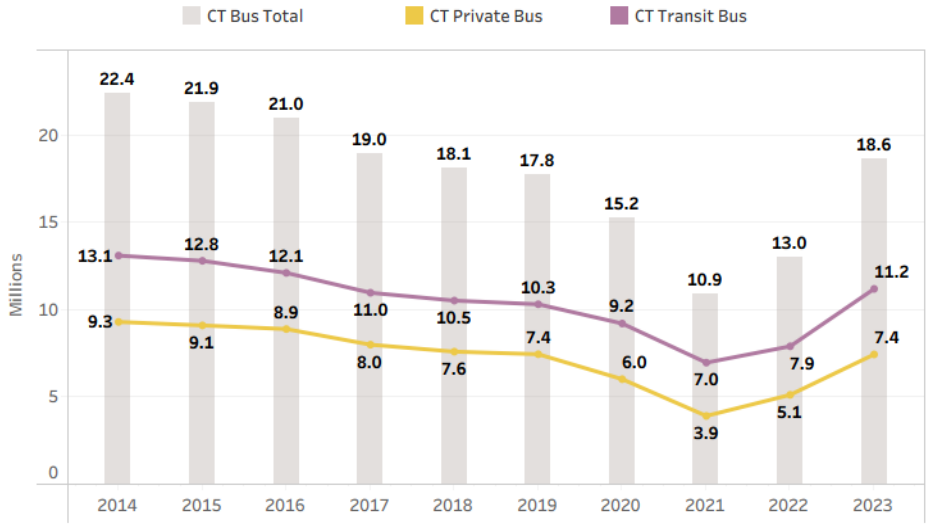
Source: National Transit Database - Federal Transit Administration

FIGURE 10. ANNUAL NEW JERSEY BUS UNLINKED PASSENGER TRIPS



Source: National Transit Database - Federal Transit Administration

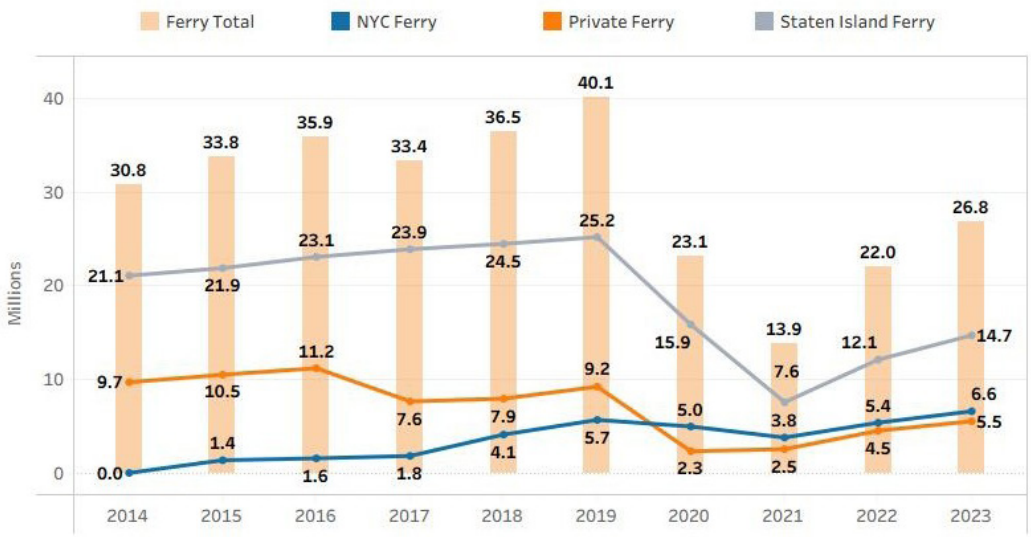
FIGURE 11. ANNUAL CONNECTICUT BUS UNLINKED PASSENGER TRIPS



Source: National Transit Database - Federal Transit Administration

FERRY

FIGURE 12. ANNUAL NEW YORK CITY FERRY UNLINKED PASSENGER TRIPS



Source: National Transit Database - Federal Transit Administration

Public Transportation Finance

Vehicles Available for Maximum Service

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

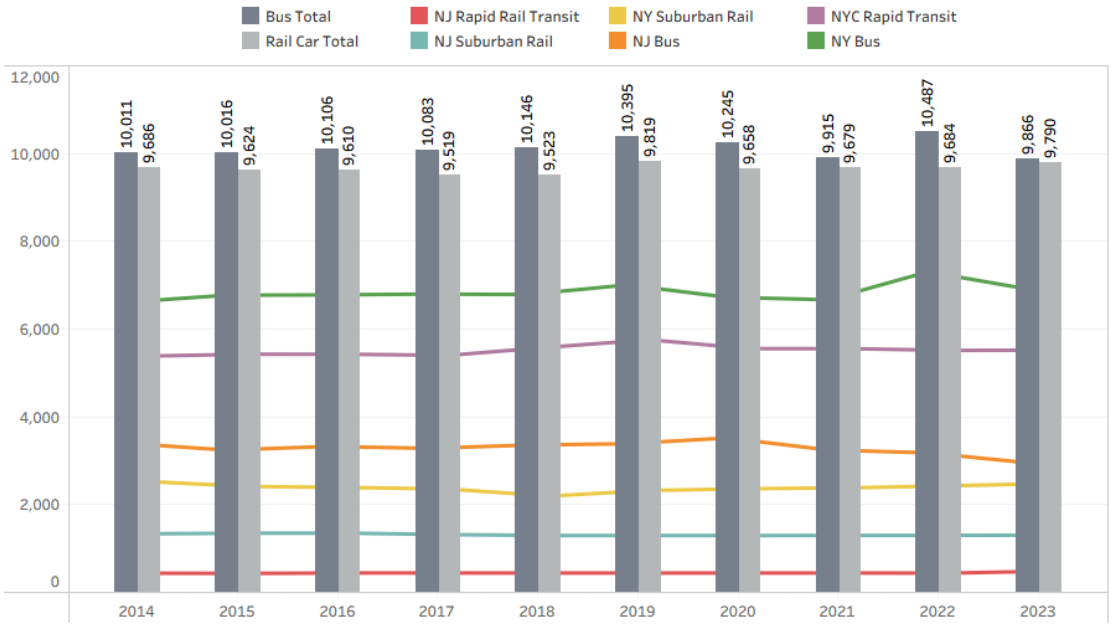
Vehicles available for maximum service include:
- Operational vehicles
- Spares
- Out of service vehicles
- Vehicles in or awaiting maintenance

Vehicles available for maximum service exclude:
- Vehicles awaiting sale
- Emergency contingency vehicles

For rail modes, vehicles available for maximum service is measured using passenger cars and locomotives

Figure 12 shows the annual available vehicles for different transportation modes throughout the NY-NJ-CT region. The largest number of available vehicles are from NY bus and NYC rapid transit, with 6,913 and 5,520 vehicles in 2023, respectively. The number of registered vehicles has generally remained stable throughout 2014-2023, with the largest variance being the NY bus sector with a high of 7,306 in 2022 and a low of 6,789 in 2018.

FIGURE 13. ANNUAL PUBLIC TRANSIT VEHICLES AVAILABLE FOR MAXIMUM SERVICE



Source: National Transit Database - Federal Transit Administration

Public Transportation Operating Expense, Revenue and Deficit

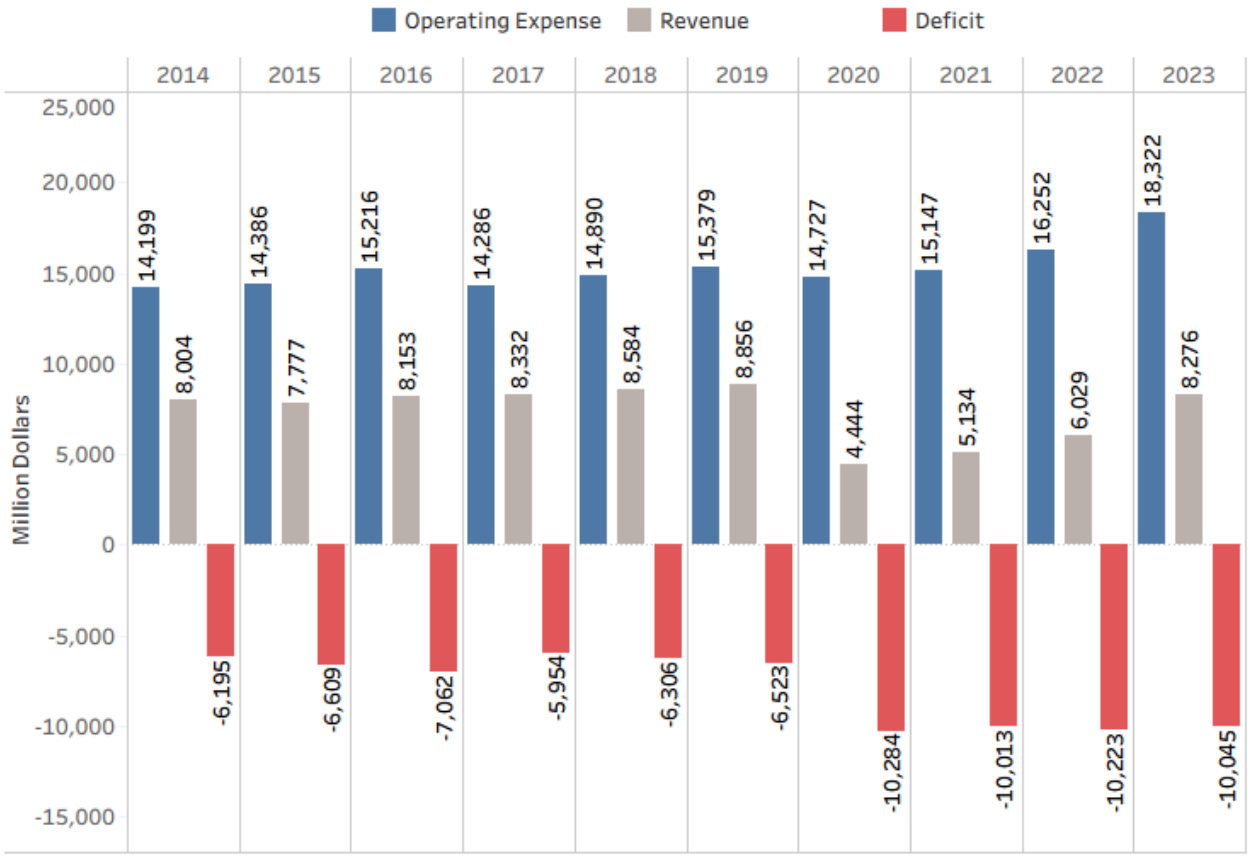
Operating Expense: The expenses associated with the operation of the transit agency, and classified by function or activity, and the goods and services purchased.
Passenger Revenue (Fare Revenue): All income received directly from passengers, paid either in cash or through pre-paid tickets, passes, etc.
Deficit: Operating Expense- Revenue = Defict

Deficit reached **$10 billion in 2023.**

In the past 10 years, the region's operating expense has increased annually with slight dips between 2016-2017 and 2019-2020. In 2023, the region had a 10-year high with $18.3 billion in operating expenses. At the same time, the deficit also increased, with a noticeable jump from $6.52 billion in 2019 to $10.28 billion in 2020.

The NY-NJ-CT region reported more than $5.6 billion in fare revenue in 2023, a 16.9% increase compared to 2022. The largest increase in fare revenue across all modes was with the NY suburban rail sector, which saw a nearly 25% increase. These increases in revenue helped offset similar increases in operating expenses, resulting in a 1.7% decrease in deficit to $10.0 billion in 2023.

FIGURE 14. ANNUAL PUBLIC TRANSPORTATION FINANCES NY-NJ-CT REGION



Source: National Transit Database - Federal Transit Administration

Public Transportation Farebox Recovery Ratio

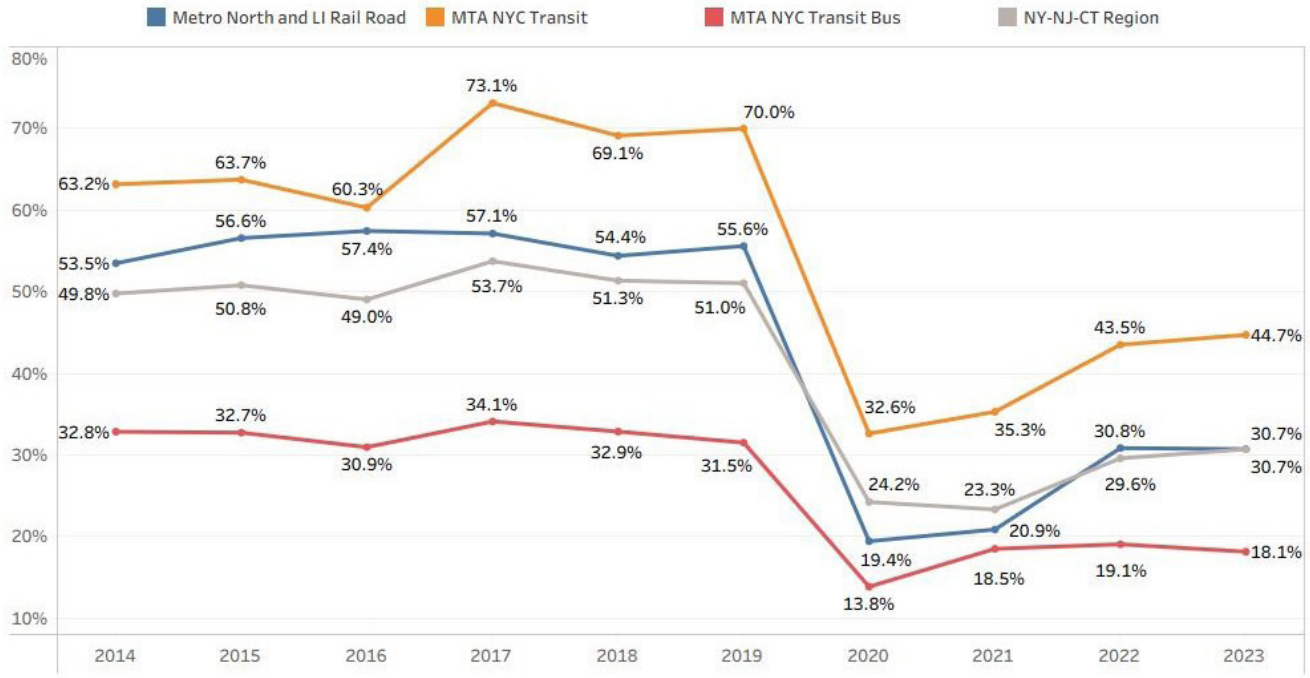
Another indicator used to measure the financial performance of transportation agencies in the NYMTC study region is the farebox recovery ratio, which measures the amount of operating expense covered by passenger revenue.

Farebox Recovery Ratio represents the percentage of a public transit system's operating costs that are paid for by passenger fares and is calculated by dividing total passenger fare renue by total operating expenses.
(Fare Revenue ÷ Operating Expense) x 100.

As shown in Figures 14 and 15, the NY-NJ-CT regional farebox recovery ratio has decreased over the past 10 years, most notably between 2019 and 2022 where it dropped nearly 25% as a result of the COVID-19 pandemic. Between operators, the MTA NYC Transit subway and the MTA Metro North Rail Road have consistently exceeded regional averages, most recently reaching ratios of 44.7% and 34.8%, respectively, for 2023. In contrast, the farebox recovery ratio for the CT Transit bus system has been on a downward trend since 2014. Their most recent low of 2.8% in 2023 may be due to CT Transit offering fare-free bus service between April 2022 and April 2023.

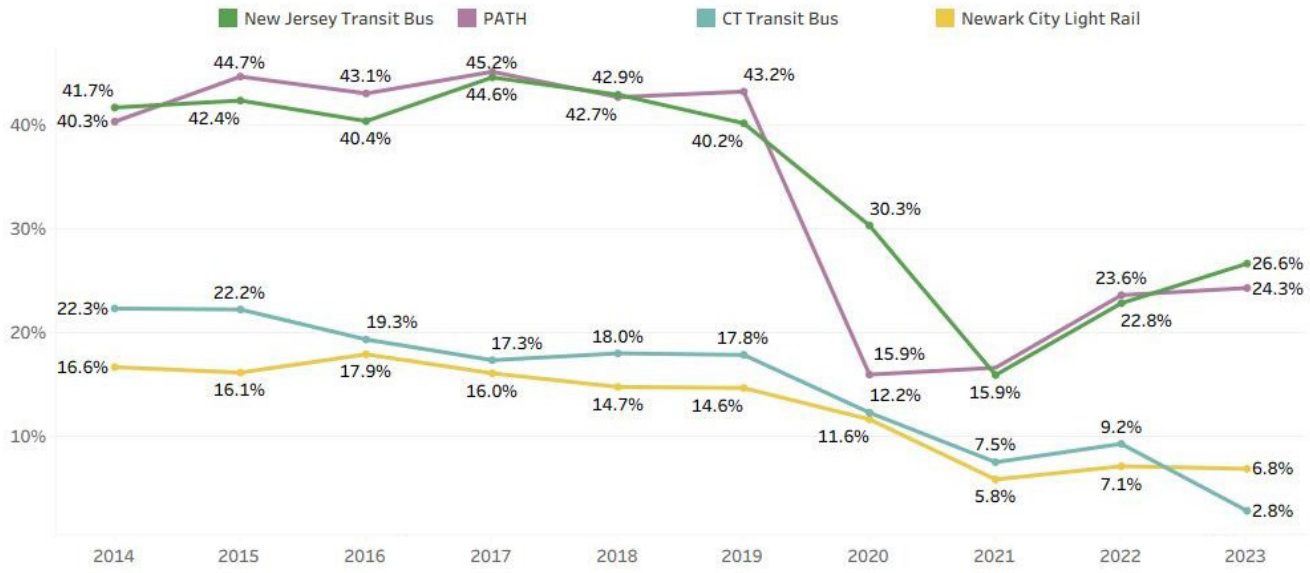
MTA NYC Subway: More than **44.7%** of expenses are covered by **fares.**

FIGURE 15. FAREBOX RECOVERY RATIO OF NEW YORK TRANSIT



Source: Farebox recovery ratios calculated using NTD Data

FIGURE 16. FAREBOX RECOVERY RATIO OF NEW JERSEY AND CONNECTICUT TRANSIT



Source: Farebox recovery ratios calculated using NTD Data

Motor Vehicles and River Crossings

Motor Vehicles

Registered Motor Vehicles and Type of Registration

This report contains registered vehicle data for only counties from the study region within New York State. The New York State study counties are:

New York City: Bronx, Kings, New York, Queens, Richmond

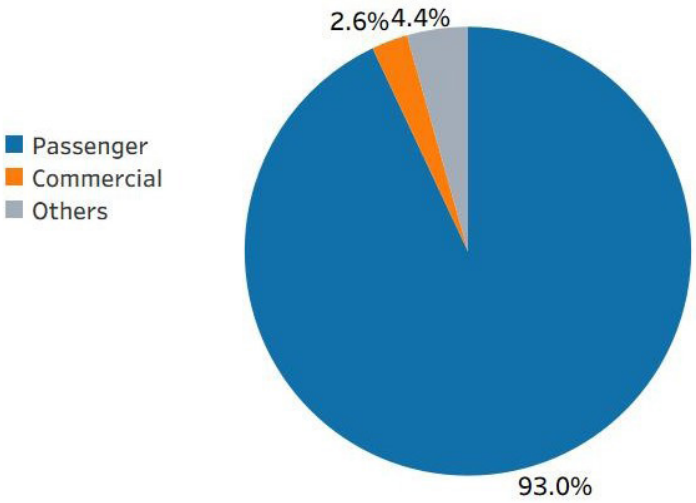
New York Suburban: Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk, Westchester.

Registered Motor Vehicles data is collected from the Department of Motor Vehicle. Motor vehicle registrations are reported by major vehicle classes, including passenger car, rental car, commercial, bus, taxi and motor cycle, etc.

Registered Motor Vehicles and Registration Type

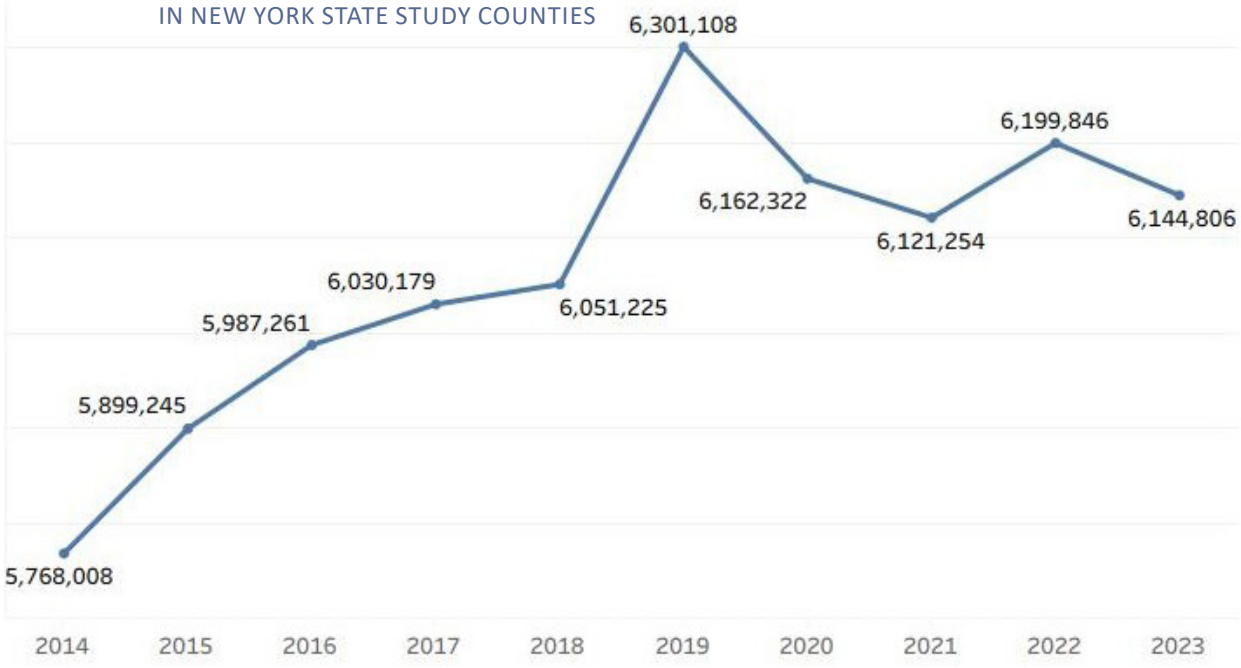
In 2023, the number of registered motor vehicles in New York State within the study area was 6,144,806, a slight decrease from 2022's 6,162,322. Over the last 10-year period, there has been an increase in registrations with over 200,000 vehicles added. During this 10-year period, the number of registered motor vehicles in the nation increased by nearly 28 million. New York downstate counties have stayed consistent in contributing 2.2% to the national number of registered vehicles.

FIGURE 17. 2023 VEHICLE REGISTRATION TYPE IN NEW YORK STUDY COUNTIES



Among the registered vehicles in the study counties, 93% of vehicles are passenger vehicles, 2.6% are commercial, and 4.4% are classified as other vehicles (Figure 17).

FIGURE 18. ANNUAL REGISTERED MOTOR VEHICLES IN NEW YORK STATE STUDY COUNTIES

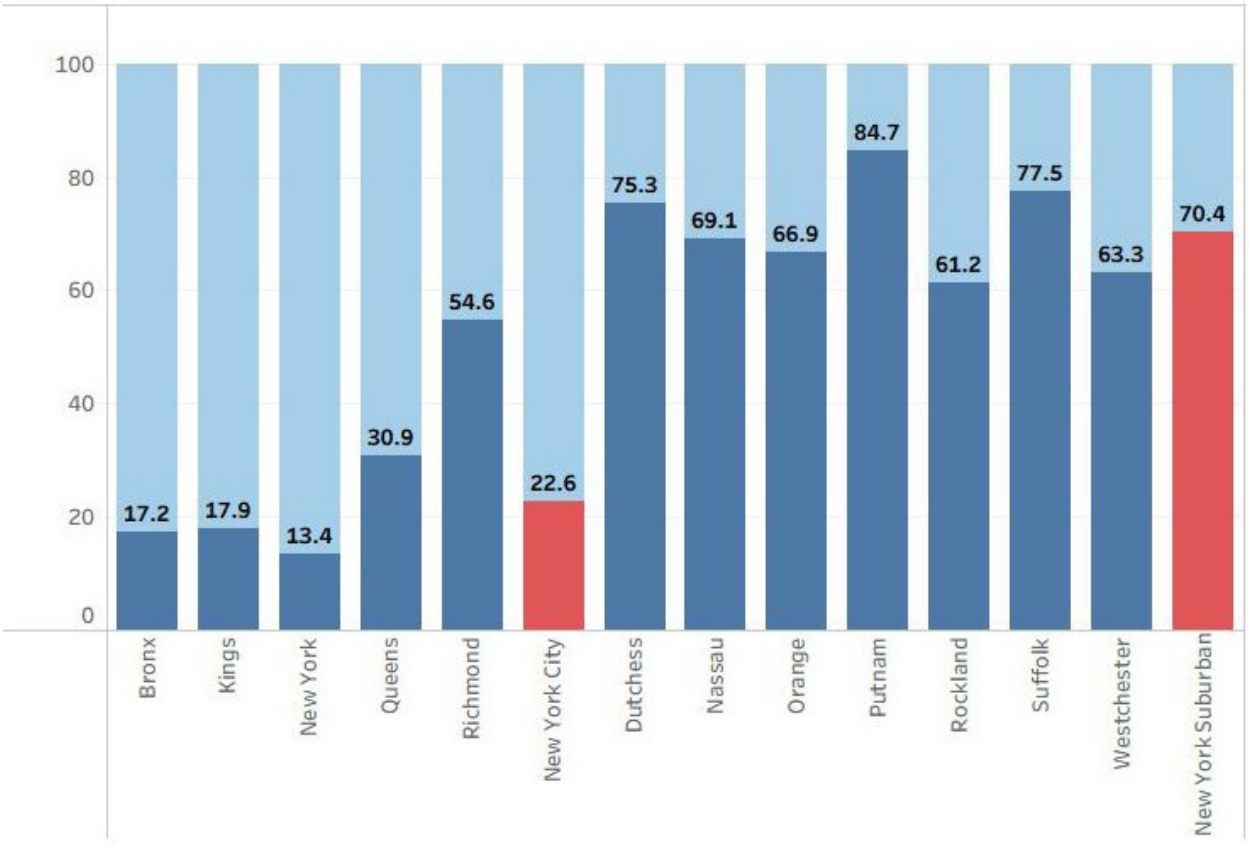


Source: New York State Department of Motor Vehicles

Figure 19 shows the passenger car registration per 100 population in the study region. This metric can be used to gauge local transportation needs. Figure 19 shows a clear difference in vehicle ownership between New York City and the outer suburban areas. In 2023, New York City had an average of 22.6 cars per 100 population, while outer suburban areas had an average of 70.4 cars per 100 population, indicating that more people in the outer suburban counties own cars then those within NYC. Within New York City, Richmond County has the highest vehicle per 100 population (54.6), while New York County has the least with 13.4. Outside of New York City, Putnam County has the highest car registration per 100 (84.7) while Rockland County has the lowest (61.2).

Passenger Vehicles per 100 Population

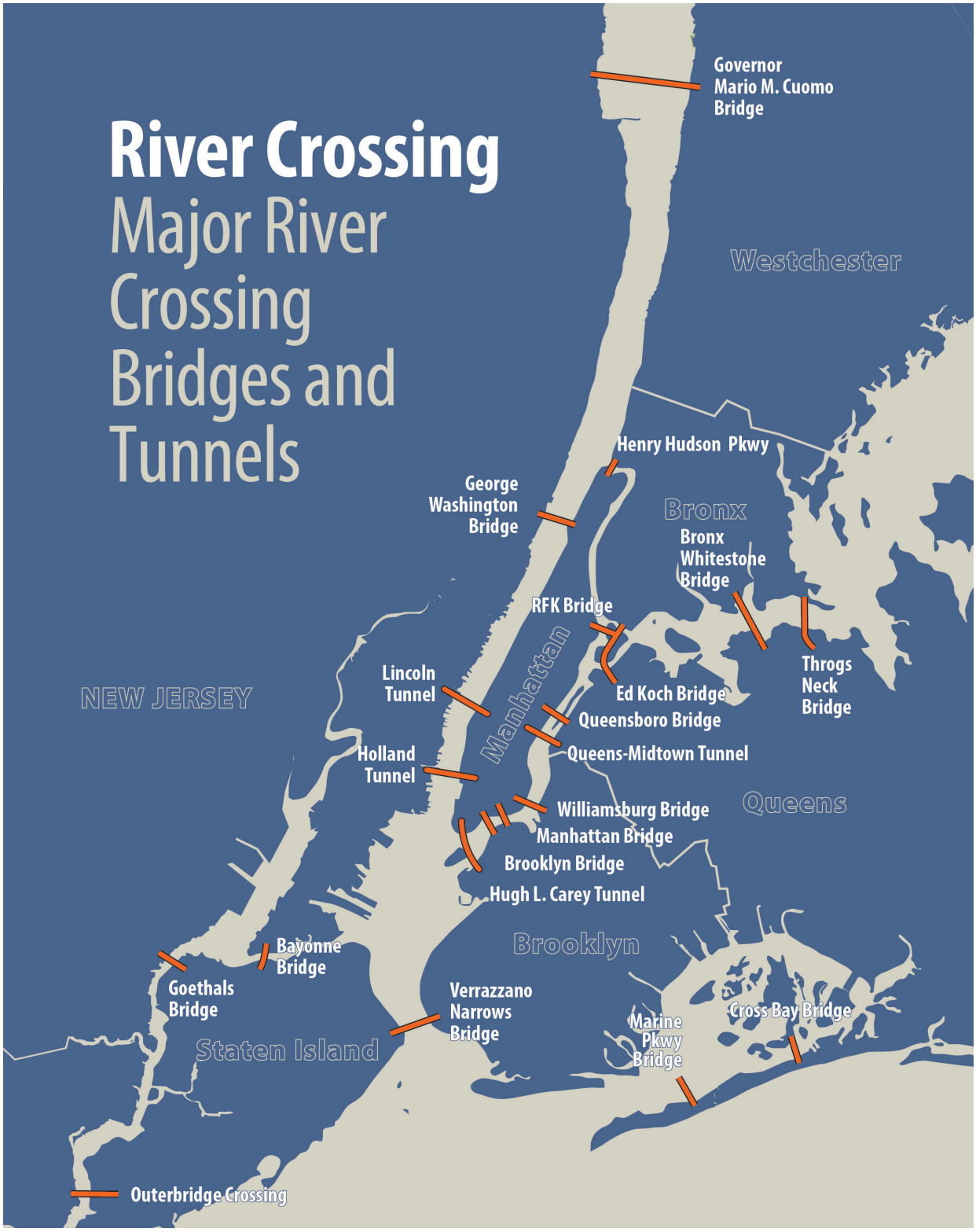
FIGURE 19. 2023 REGISTERED PASSENGER VEHICLES PER 100 POPULATION



Source: New York State Department of Motor Vehicles

River Crossings

Major River Crossing Bridges and Tunnels Map



Major River Crossing Annual Average Daily Traffic and Truck Volume

Bridges and tunnels function as important links to channel motorists and goods to the region's highway system and improve mobility and economy of the NYMTC region (Map page 21).

Annual Average Daily Traffic (AADT): annual average number of vehicles passing a specific point in a day in both directions.

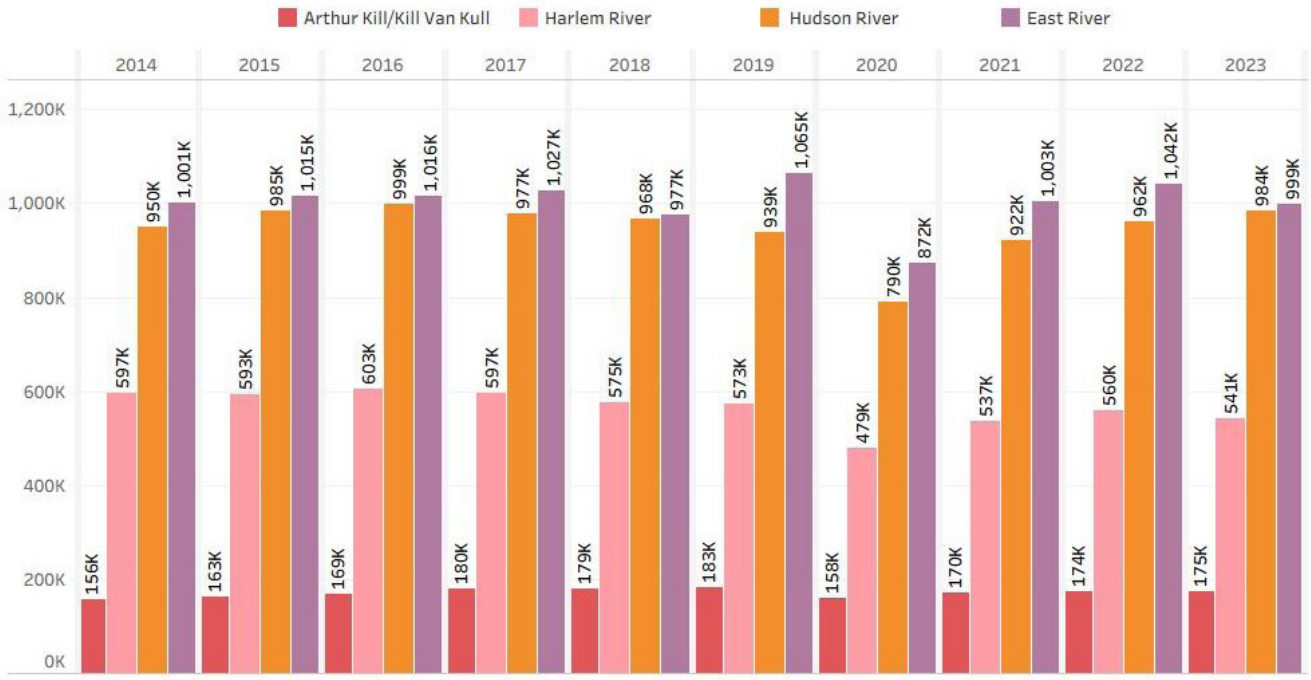
The river crossing AADT data is generated from New York City Department of Transportation, New York State Department of Transportation, Port Authority of New York and New Jersey and Metropolitan Transportation Authority Bridges and Tunnels.

The busiest river crossing is the George Washington Bridge with more than **23,000** trucks each day.

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.

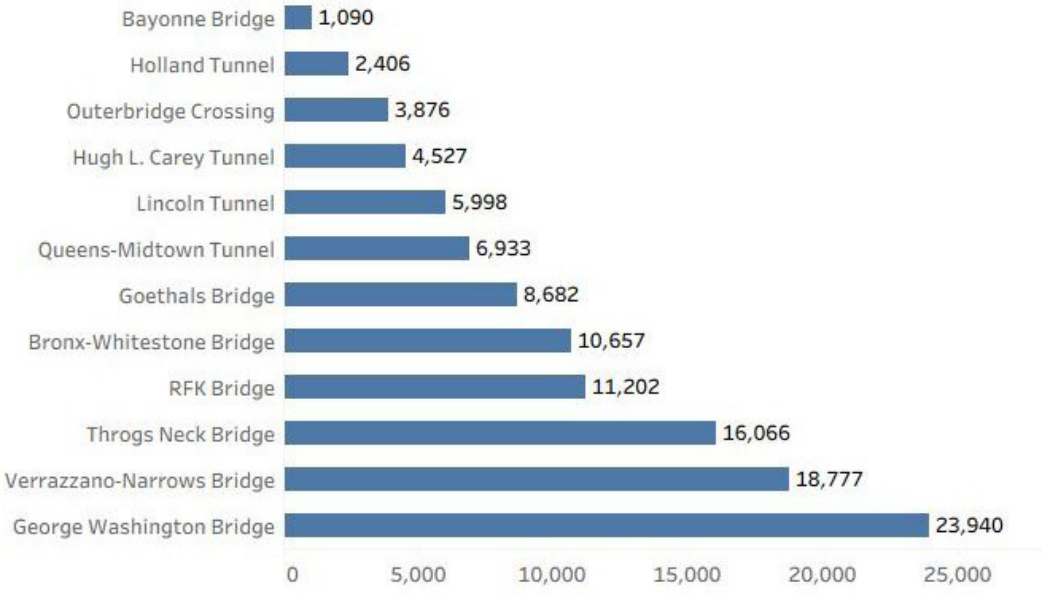
In 2023, the AADT of the region's major river crossings decreased by 1.4% compared to 2022. The biggest overall increase was the Gov Mario M. Cuomo Bridge with a 6.15% increase. The Brooklyn Bridge had a 37% decrease from 2022. Figure 20 correlates to Table B-6, showing truck volume at river crossings. In 2023, the George Washington Bridge had the highest truck volume with a daily average of 23,940 trucks.

FIGURE 20. MAJOR RIVER CROSSINGS ANNUAL AVERAGE DAILY TRAFFIC



Source: New York State Department of Transportation

FIGURE 21. RIVER CROSSING TRUCK ANNUAL AVERAGE DAILY TRAFFIC IN 2023



Source: New York State Department of Transportation
Port Authority of New York and New Jersey

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Commuting

Commuting

> While the communities that comprise our vast region may move differently, we all collectively share our need to get around easily and safely.
>
> - Moving Forward 2055

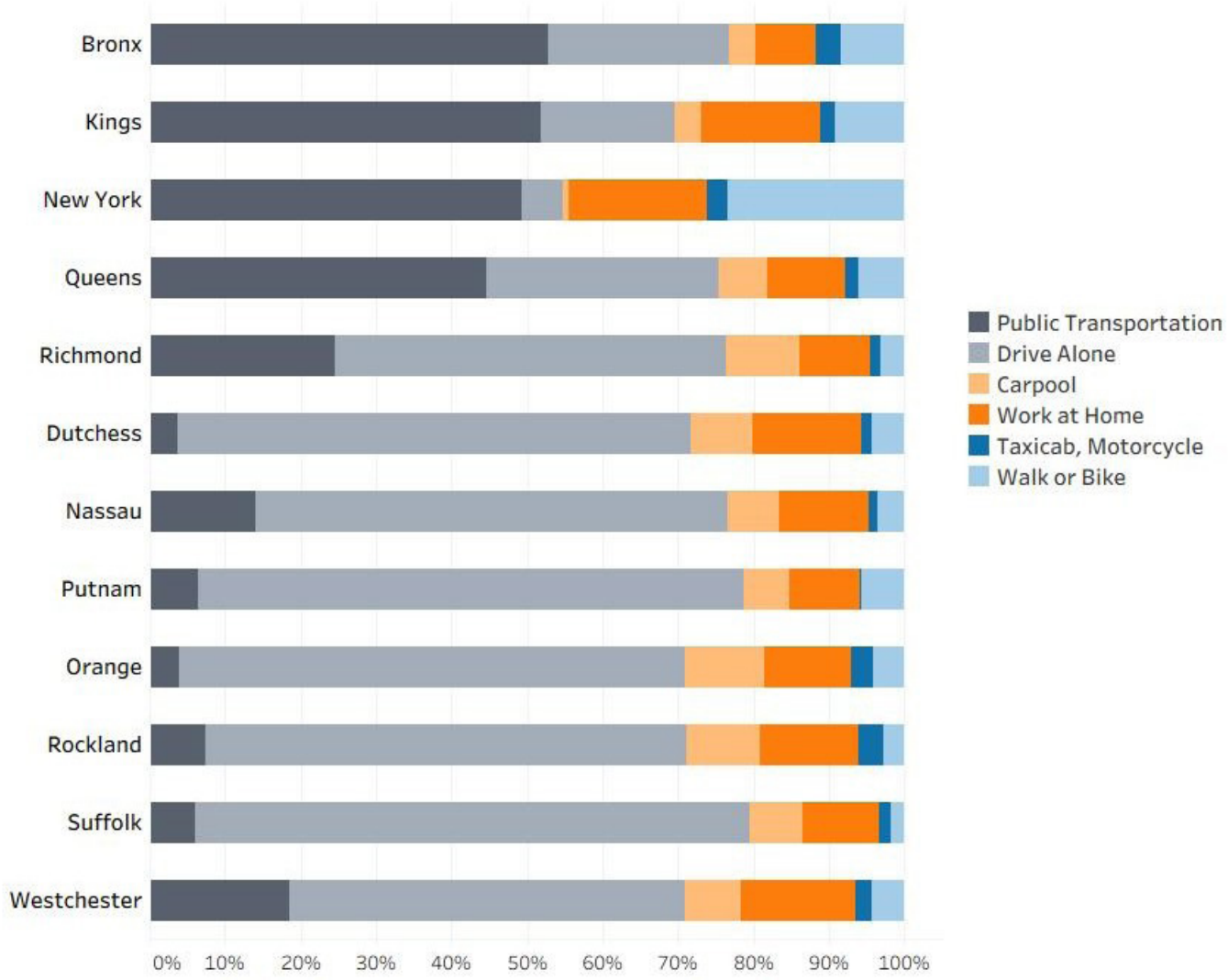
Means of Transportation to Work (MoTW)

Means of Transportation to Work: the principal mode of travel or type of conveyance, by distance rather than by time, that a worker travels from home to work.

As shown in Figure 22, the New York City counties, particularly Kings, Bronx and New York counties, had the highest use of public transportation, whereas Suffolk County, a more suburban county, had the lowest, followed by Rockland, Putnam and Dutchess counties. Conversely, New York County had the smallest portion of commuters choosing to drive alone, while Suffolk County had the largest. New York County had a notable portion of commuters walking or bicycling to work. Figure 22 depicts the modes of transportation that commuters chose to get to work. The New York City counties, more specifically Bronx and Kings County, had over 50% of commuters using public transportation in 2023. Dutchess County had the smallest portion of commuters using public transportation with 3.7% of commuters in 2023. New York County had the least number of commuters choosing to drive alone (5.5%) while Suffolk County had the most commuters driving alone (73.3%).

Means of Transportation to Work in Study Region

FIGURE 22. 2023 MEANS OF TRANSPORTATION TO WORK



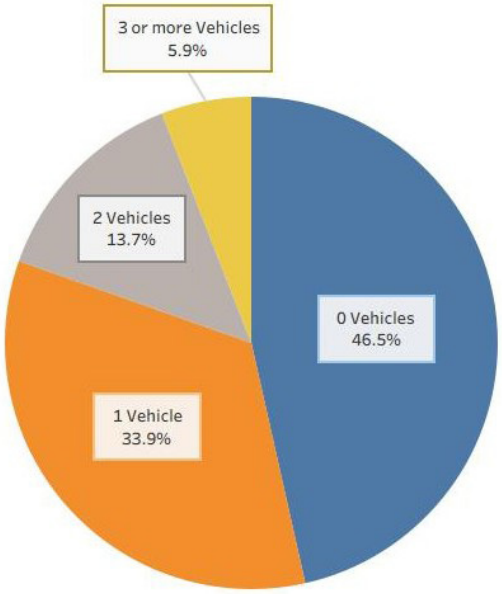
Source: American Community Survery- US Census Bureau

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.

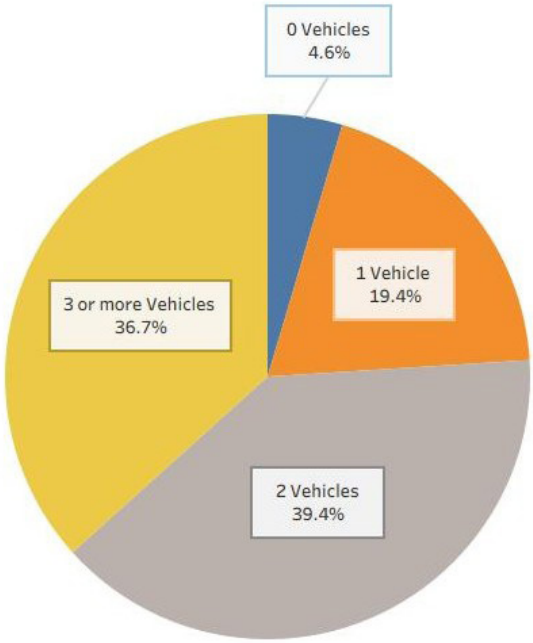
Figures 23 and 24 show the number of vehicles in a family in the downstate New York region. In New York City, 46.5% of residents do not have a vehicle, 33.9% have one vehicle, 13.7% have two vehicles, and 5.9% have three or more vehicles. In the New York suburban areas, only 4.6% of families do not have a vehicle, 19.4% have one vehicle, 39.3% have two vehicles, and 36.7% have three or more.

FIGURE 23. NUMBER OF VEHICLES AVAILABLE IN FAMILY NEW YORK CITY, 2023



Source: American Community Survery- US Census Bureau

FIGURE 24. NUMBER OF VEHICLES AVAILABLE IN FAMILY NEW YORK SUBURBS, 2023



Source: American Community Survery- US Census Bureau

Safety

Motor Vehicle Crash

> Understanding safety and security issues, conditions and trends is critical to the future quality and effectiveness of the transportation system.
>
> - Moving Forward 2055

Motor Vehicle Crash Categories

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 counties. The "New York Suburban" group includes data from Dutchess, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester counties.

The crash severity data was collected in 3 categories:

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 or more. Due to changes made in how property damage crashes are reported, there is a noticeable increase in property damage crashes for 2018 and beyond, compared to prior years.

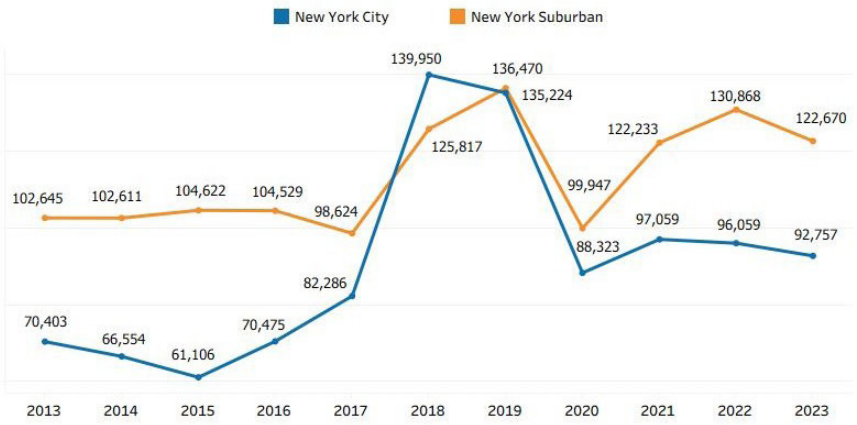
In 2023, the New York Suburban area experienced a 6.26% decrease in overall crashes (122,670) while New York City saw a 3.4% decrease (92,757). In total, the twelve counties that encompass "Downstate NY" reported 215,427 crashes in 2023, a 5.07% decrease from 2022, whereas the entirety of New York State reporteda smaller 2.49% decrease in crashes (381,306)

In 2023, New York City and the suburban areas saw a decrease in crashes resulting in fatalities. New York City saw a decrease of 3% from 226 to 219 between 2022 and 2023, while the suburban New York counties saw a 11% decrease from 354 to 314 within the same period. It should be noted that New York, Queens, and Dutchess Counties saw an increase in fatalities with 7%, 14%, and 8% increases, respectively.

In New York City there was an increase in crashes that resulted in injuries with a 5.31% increase from 2022 (49,995) to 2023 (51,808). The New York Suburban area reported 33,064 injury crashes in 2023, a 3.17% increase from 2022's report of 32,047 injuries.

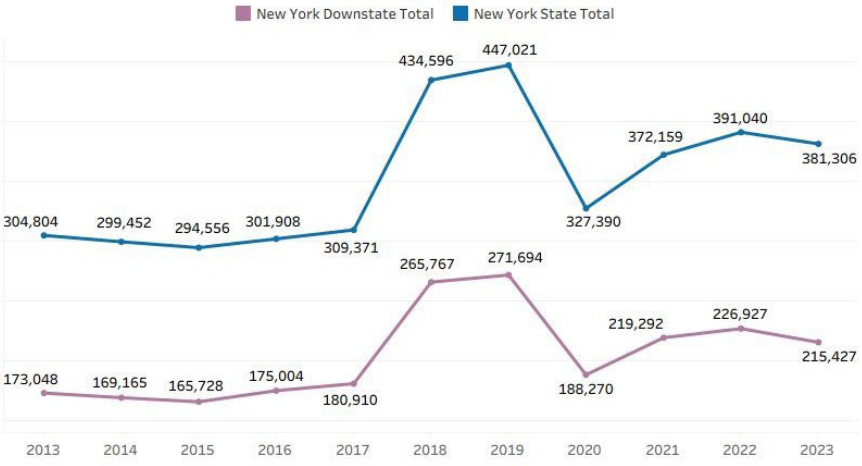
Crashes of fatalities, injuries and property damage

FIGURE 25. TOTAL MOTOR VEHICLE CRASHES IN NY CITY AND SUBURBAN



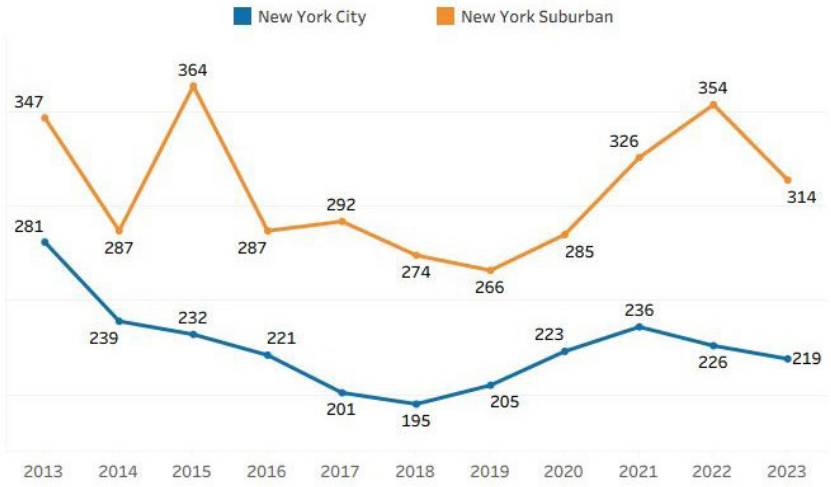
Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research (ITSMR)

FIGURE 26. MOTOR VEHICLE CRASHES IN NY DOWNSTATE AND NY STATE



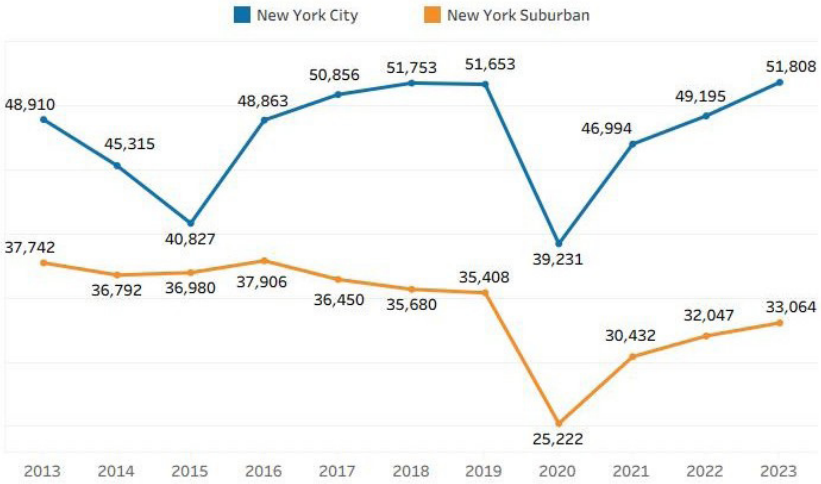
Source: Traffic Safety Statistical Repository- Institute for Traffic Safety Management and Research (ITSMR)

FIGURE 27. MOTOR VEHICLE CRASH FATALITIES



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

FIGURE 28. MOTOR VEHICLE CRASH INJURIES



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

FIGURE 29. MOTOR VEHICLE CRASH PROPERTY DAMAGE

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

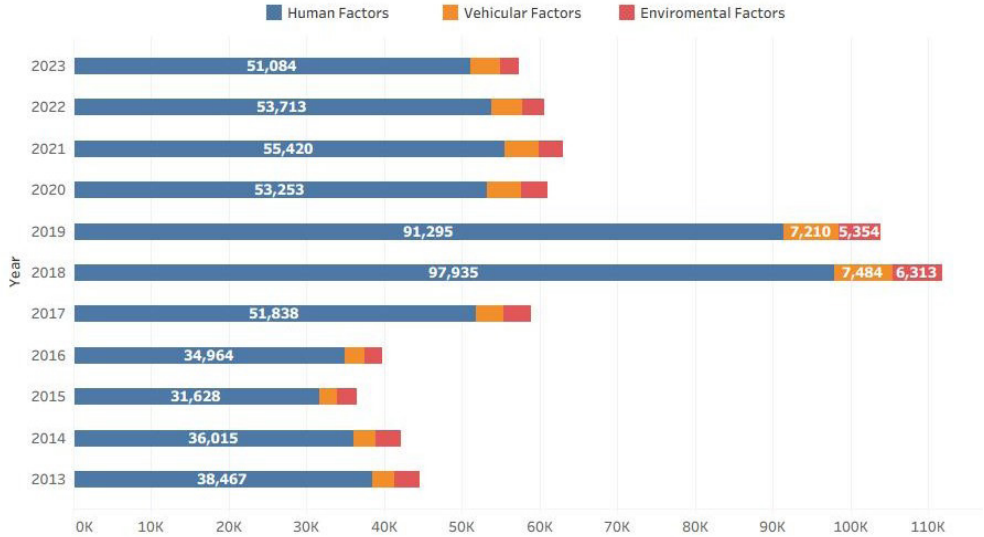
Motor Vehicle Crash by Contributing Factors

Contributing Factors: Apparent causes of the crash as coded to the accident report.
Environmental Factors: Crash was caused by environmental factors.
Vehicular Factors: Crash was caused by vehicle malfunction.
Human Factors: Crash was caused by human error.

In 2023, human factors alone accounted for 51,084 crashes in New York City, a 4.89% decrease from 2022's 53,713 crashes. Vehicular factors accounted for 3,837 crashes and environmental factors accounted for 2,422 crashes. In the New York Suburban area, human factors alone resulted in 112,777 crashes. Vehicular factors and environmental factors both accounted for 3,978 and 15,087 crashes respectively.

Note: An accident could have multiple factors, therefore total percent of each contributing factor may not add to 100 percent.

FIGURE 30. MOTOR VEHICLE CRASH CONTRIBUTING FACTOR IN NY CITY



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

FIGURE 31. MOTOR VEHICLE CRASH CONTRIBUTING FACTOR IN NY SUBURBAN AREA

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

Alcohol involvement is a contributing factor related to vehicle crashes. In 2023, New York City had 1,686 crashes with alcohol involvement, while the New York Suburban area had 2,612. There has been a slight 1.67% increase in crashes with alcohol involvement within the state of New York (Figure 32 & Table D-8).

Gender is another specific human factor in vehicle crashes. In 2023, female drivers accounted for 120,141 crashes while male drivers contributed to 218,464 crashes in Downstate New York. In 2023, New York City saw a 5.46% decrease in female drivers involved in crashes while the New York Suburban area saw a 10.56% decrease. Comparatively, male drivers saw a 2.45% and a 5.7% increase respectivly. Of all counties in the region, Dutchess County showed the most significant decrease in female drivers involved in crashes in 2023 with 26,931 drivers, a 32% decrease from 2022's 39,764 (Figure 35).

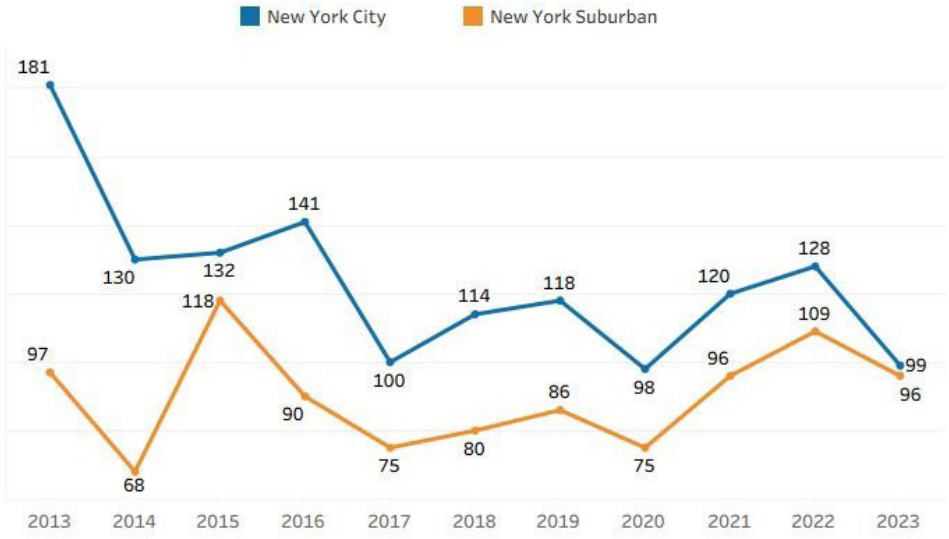
Note: Some accident reports do not record the gender of the driver.

Other than motor vehicles, biking and walking are other modes of transportation where fatalities can occur. In 2023, New York City experienced 98 pedestrian fatalities and suburban New York had 96. This is an overall 42% decrease of pedestrian fatalities in Downstate New York for 2023 (195) compared to 2022 (237). The number of biking fatalities increased by almost 3% in New York City from 5,730 in 2022 to 5,899 in 2023. Suburban New York experienced an 8.13% increase in biking fatalities from 2022 (1,045) to 2023 (1,130). In 2023, Downstate New York accounted for 7,029 bike fatalities in 2023, representing 85% of New York State bike fatalities (8,268).

FIGURE 32. MOTOR VEHICLE CRASH WITH ALCOHOL INVOLVEMENT

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

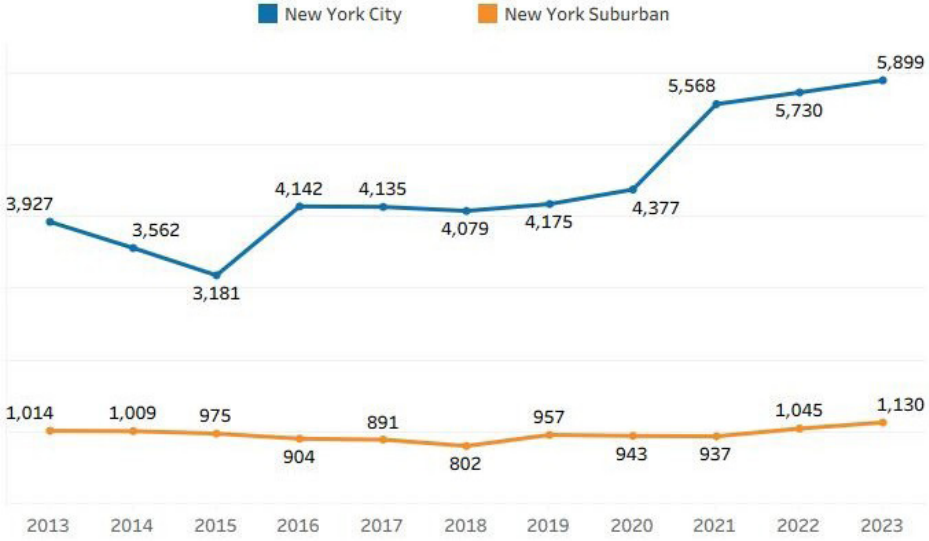
FIGURE 33. FATAL PEDESTRIAN CRASH IN NY STUDY COUNTIES



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

In 2023, **99** pedestrians were killed in traffic crashes in New York City, and **96** pedestrians were killed in traffic crashes in the New York Suburban area.

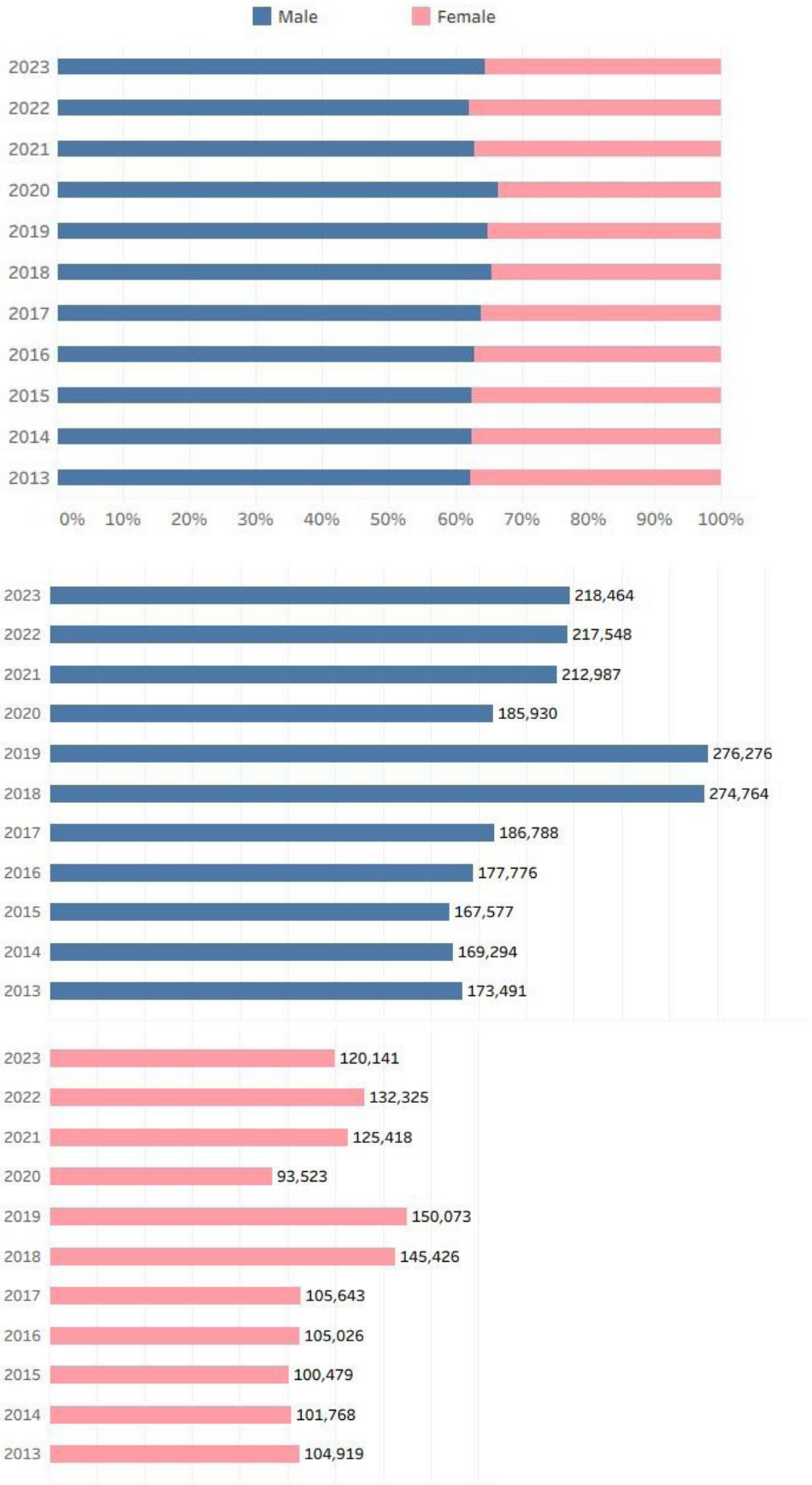
FIGURE 34. FATAL/INJURY BICYCLE CRASH IN NY STUDY COUNTIES



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

The number of fatal/injury bicycle crashes in New York City increased **2.86%** to **5,899** between 2022-2023.

FIGURE 35. MOTOR VEHICLE CRASH AND DRIVER'S GENDER



In 2023, male drivers contributed to **218,464** crashes in the study area, and female drivers contributed to **120,141** crashes.

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

Airport Access

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 are included in this report. These airports are:

- John F. Kennedy International Airport
- LaGuardia Airport
- Newark Liberty International Airport
- Long Island MacArthur Airport
- New York Stewart International Airport
- Westchester County Airport

There was a 12.5% increase in revenue passengers, reaching 147 million of passengers in all major airports, between 2022-2023.

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.

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

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

Revenue Passenger: somone who has paid a transport operator for her or his trip. That excludes non-paying passengers such as airline employees flying on free or nearly-free passes, babies and children who do not have a seat of their own.

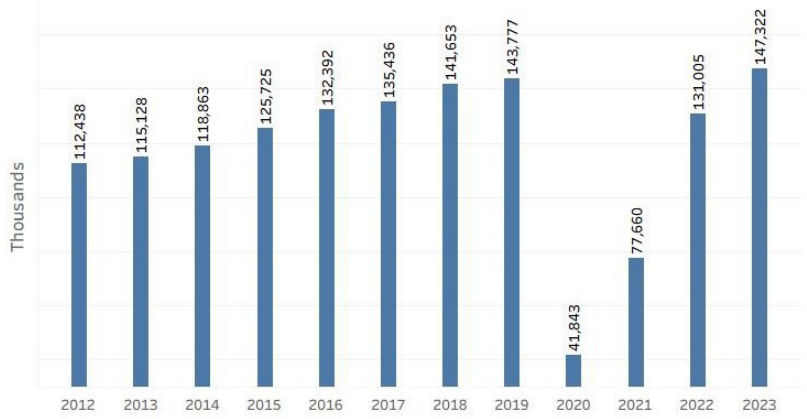
The number of revenue passengers per year in all major airports in the study region has increased from 131 million in 2022 to 147 million in 2023.

Between 2019 and 2020, the number of revenue passengers experienced a major decline to a low of 41 million in 2020. The annual number of flights followed a similar decrease with a low of 666 thousand flights. Since then, both the annual revenue passengers and the number of flights have not just recovered but risen to 10-year highs of 147.3 million passengers and 1.4 million flights, respectively.

Total cargo tonnage decreased slightly from 2.32 million tons in 2022 to 2.31 million tons in 2023.

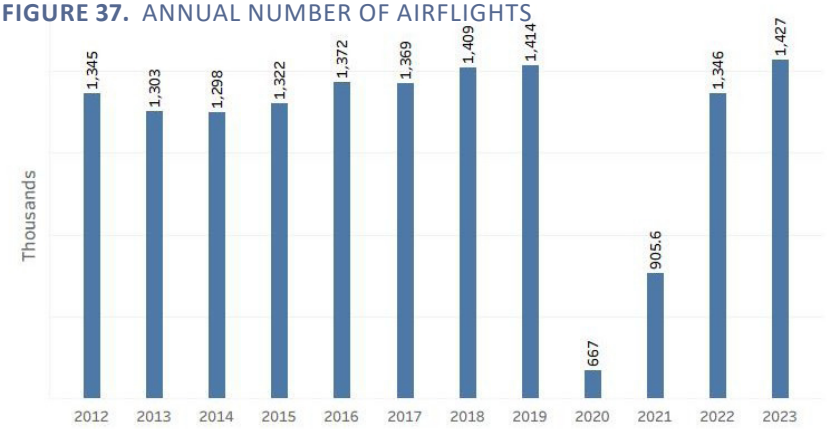
Total Major Airports' Activity

FIGURE 36. ANNUAL REVENUE PASSENGER



Sources: Port Authority of New York and New Jersey
Westchester County Airport
Town of Islip

FIGURE 37. ANNUAL NUMBER OF AIRFLIGHTS



Sources: Port Authority of New York and New Jersey
Westchester County Airport
Town of Islip

FIGURE 38. ANNUAL CARGO FLIGHT TONNAGE

Sources: Port Authority of New York and New Jersey
Westchester County Airport
Town of Islip

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Socioeconomic and Demographic Data

Socioeconomic and Demographic Data

This report focuses mainly on transportation statistics in the New York metropolitan region, while also considering the region's overall social, economic and environmental issues, all of which impact transportation decisions. This section provides key demographic information including employment, population, public school enrollment, housing, and Consumer Price Index. Most socioeconomic figures in this report display both the city and the regional level of data with reference to national data.

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.

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.

Unemployment Rate: unemployed Civilian Labor Force/Total Civilian Labor Force. The unemployement data is collected from the American Community Survey of the United State Census Bureau. It is estimated based on the responses from the survey; therefore, it may be different from other sources, such as the Bureau of Labor Statistics.

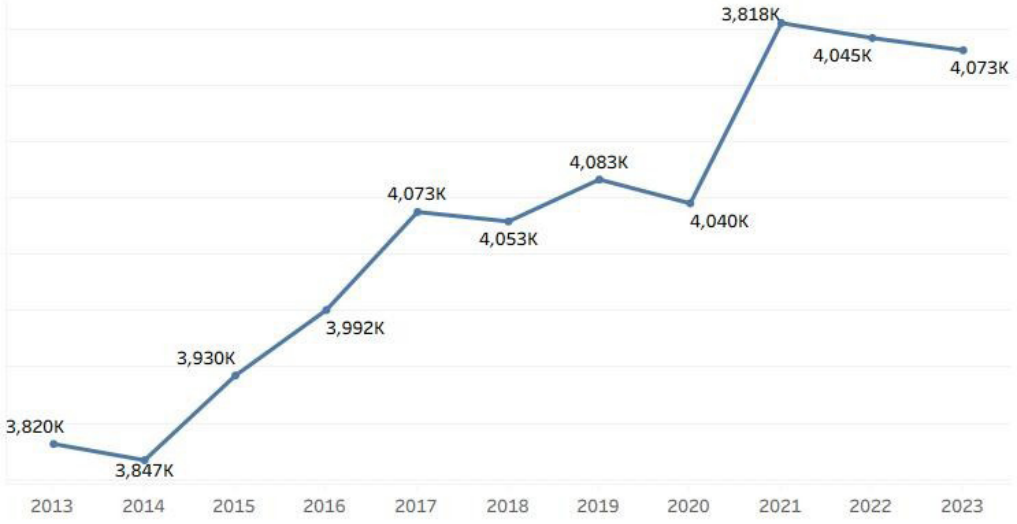
Public School Enrollment: the number of people of all ages who enrolled in public schools, which includes nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.

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

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

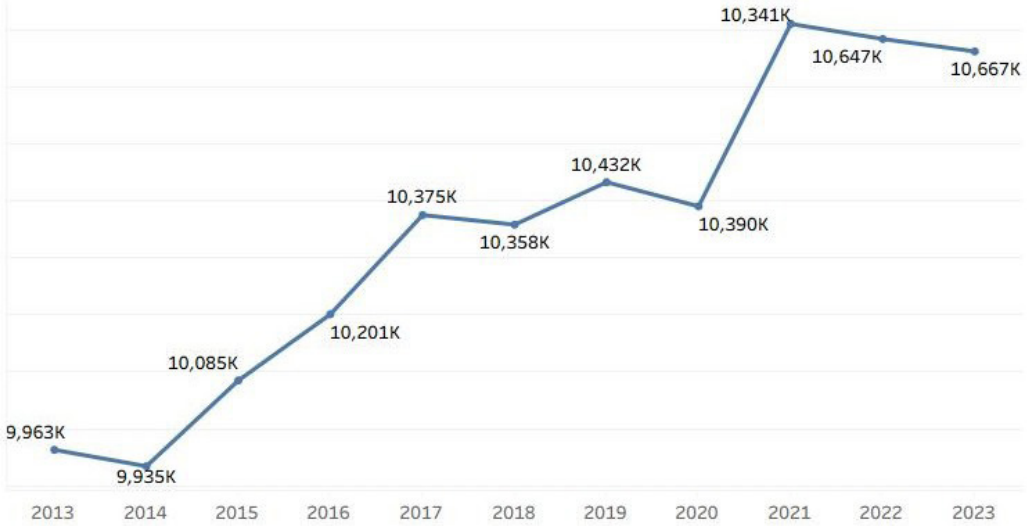
Employment

FIGURE 39. EMPLOYMENT IN NEW YORK CITY



Source: American Community Survery- US Census Bureau

FIGURE 40. EMPLOYMENT IN NY-NJ-CT STUDY REGION

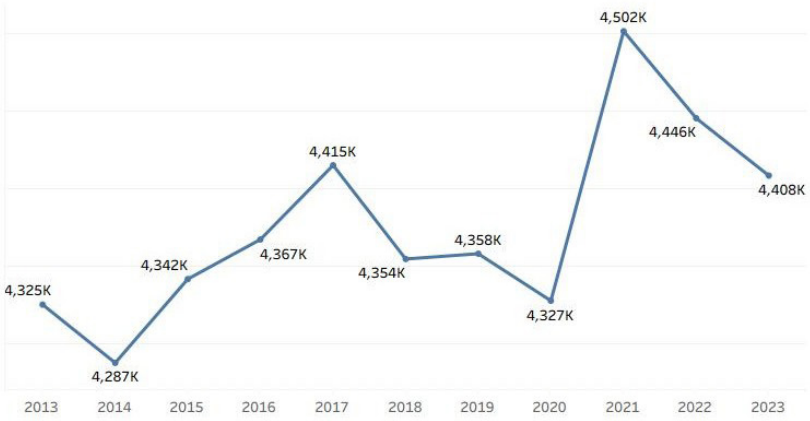


Source: American Community Survery- US Census Bureau

The employment in the NY-NJ-CT study area decreased by more than 20,000 from 10,683,340 in 2022 to 10,661,500 in 2023, a 0.20% decrease. In the same period, the civilian labor force decreased over 25,000 from 11,427,125 in 2022 to 11,401,927 in 2023, a 0.2% decrease. A majority of this decrease was from Queens County and Bronx County where labor force dropped 1.46% and 1.53% between 2022 and 2023, respectively.

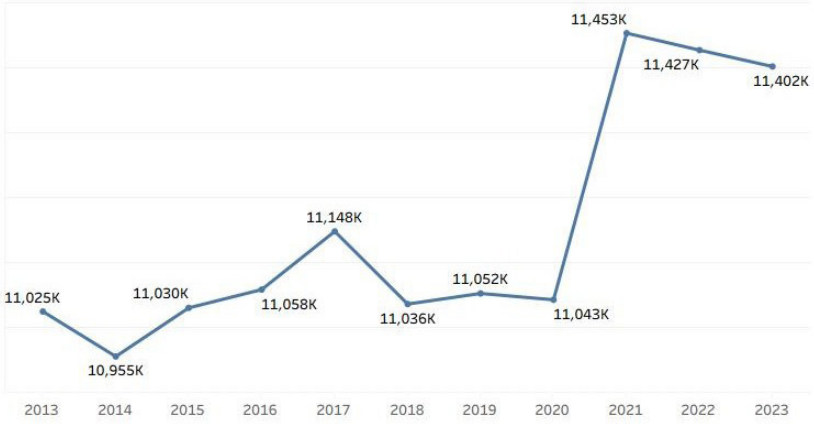
The Civil Labor Force decreased by more than **37,000** in NYC between 2022-2023.

FIGURE 41. CIVIL LABOR FORCE IN NEW YORK CITY



Source: American Community Survery- US Census Bureau

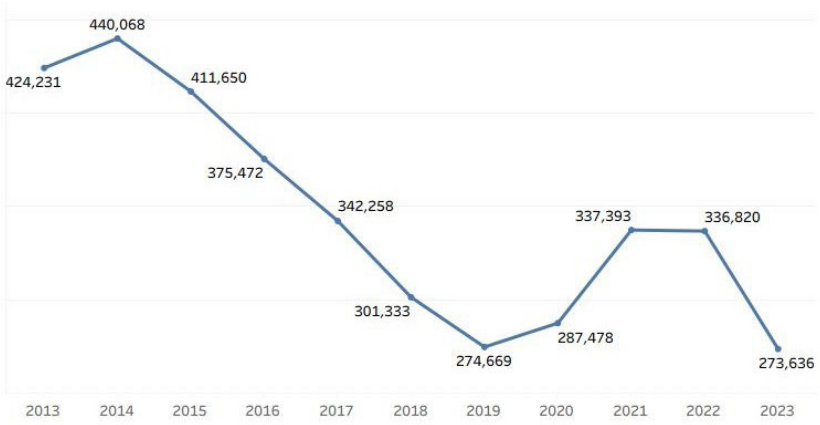
FIGURE 42. CIVIL LABOR FORCE IN NY-NJ-CT STUDY REGION



Source: American Community Survery- US Census Bureau

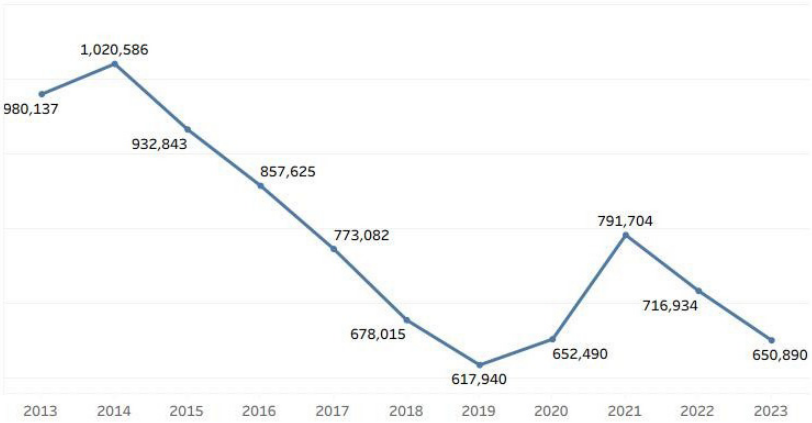
The NY-NJ-CT study area unemployment rate has had small shifts in recent years. The New York City unemployment rate sat higher than other parts of the study region and the nation with 7.6% in 2023 while the U.S. unemployment rate was 5.2%. Specifically, Bronx County had the highest unemployment rate of all boroughs since 2013 and reported a 11.1% unemployment rate in 2023. New York Suburban reported 5.1%, New Jersey reported 6.2%, and Connecticut reported 5.9%, respectively.

FIGURE 43. UNEMPLOYED CIVIL LABOR FORCE IN NEW YORK CITY



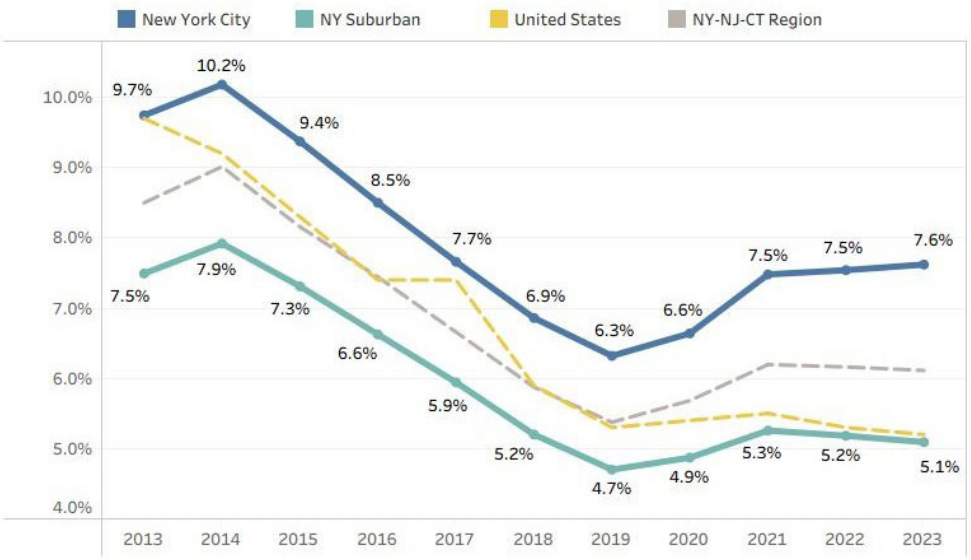
Source: American Community Survery- US Census Bureau

FIGURE 44. UNEMPLOYED CIVIL LABOR FORCE IN NY-NJ-CT REGION



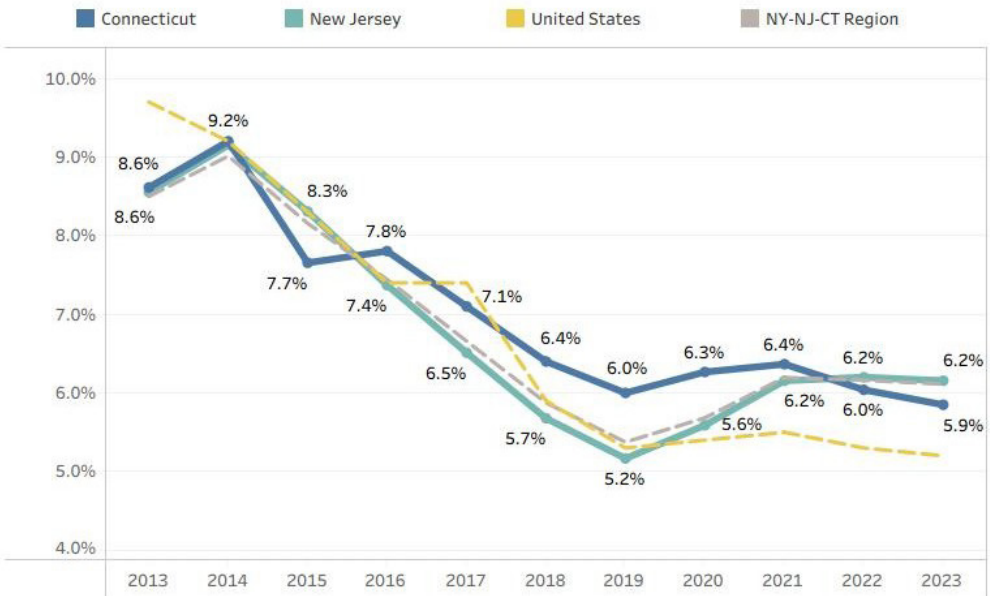
Source: American Community Survery- US Census Bureau

FIGURE 45. UNEMPLOYMENT RATE IN NEW YORK



Source: American Community Survery- US Census Bureau

FIGURE 46. UNEMPLOYMENT RATE IN NEW JERSEY AND CONNECTICUT



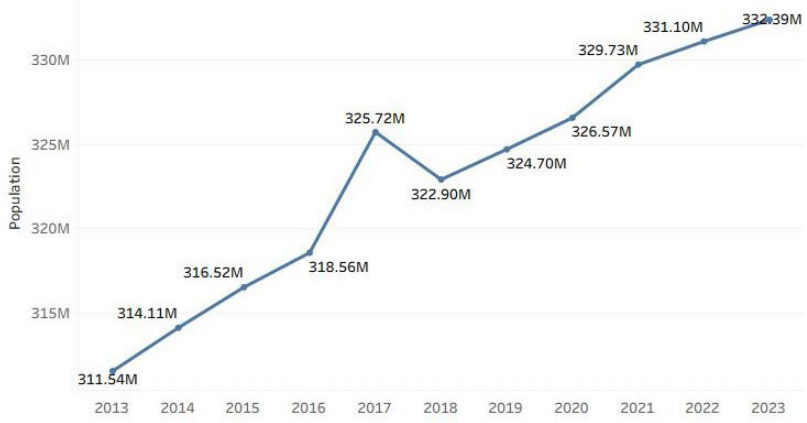
Source: American Community Survery- US Census Bureau

Population

In 2023, over 332 million people lived in the United States, 6.5% of which lived in the NY-NJ-CT study region. 8.5 million people lived in New York City in 2023, a 0.47% decrease from 2022 when 8.6 million residents where reported by The American Community Survery (ACS). The NY-NJ-CT region lost 0.18% of its population from 2022 to 2023. Most notably in Bronx County with a 0.5% decrease, Queens County with a 0.7% decrease, and Kings County with a 0.5% decrease.

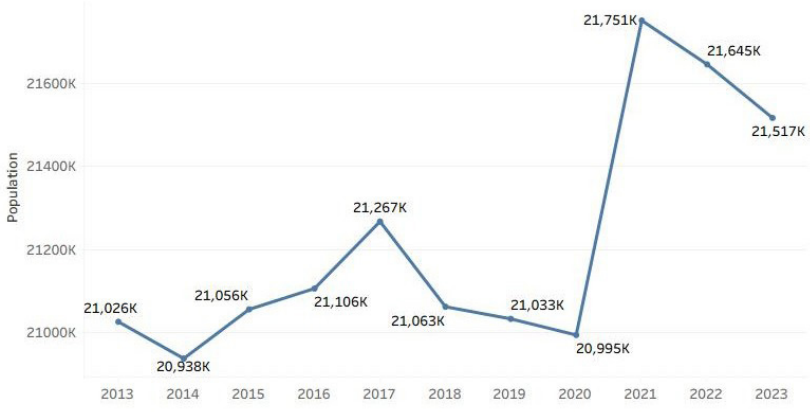
Over **21.5** million people live in the study region.

FIGURE 47 A. POPULATION IN UNITED STATES



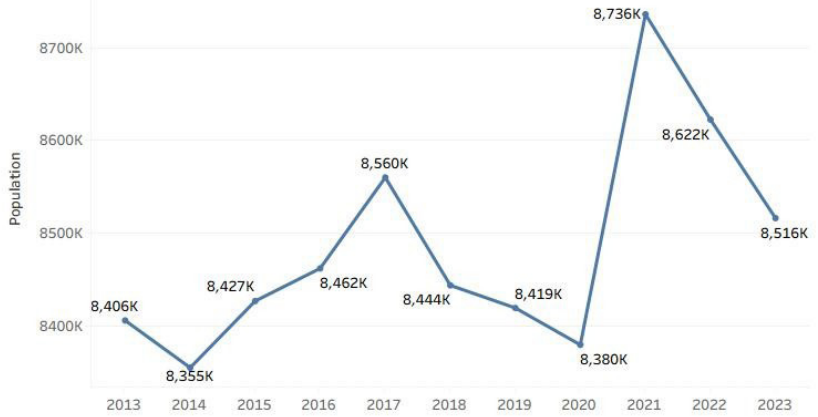
Source: American Community Survery- US Census Bureau

FIGURE 47 B. POPULATION IN NY-NJ-CT STUDY REGION



Source: American Community Survery- US Census Bureau

FIGURE 48. POPULATION IN NEW YORK CITY

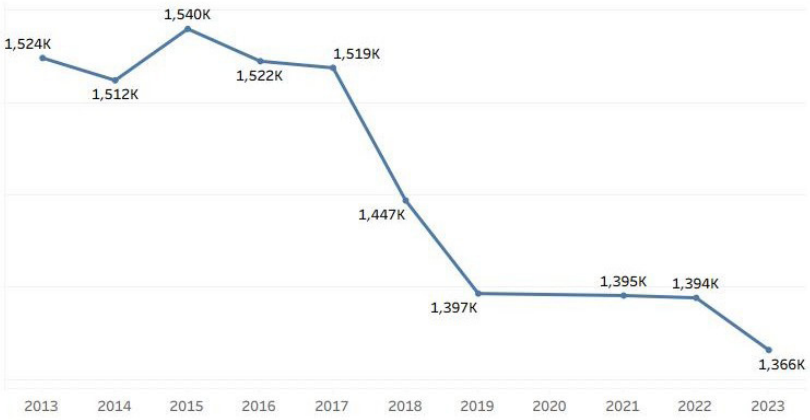


Source: American Community Survery- US Census Bureau

Public School Enrollment

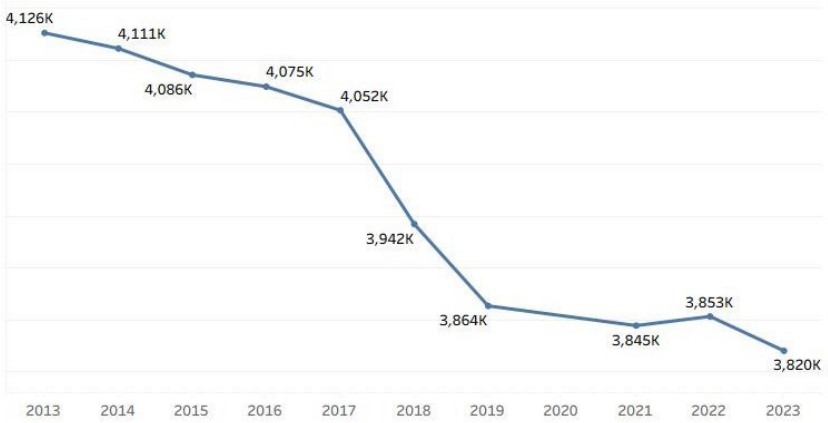
Public school enrollment has decreased in New York City, regionally, and nationally in the 2022-2023 school year (Figures 49,50,51). In New York City there was a 2% decrease in enrollment. During the 2022-2023 school year, over 3.8 million students were enrolled in the study region which was a 0.8% decrease from 2022. New York County had the most significant drop in enrollment of 7.9% from 167,350 in 2022 to 154,107 in 2023, an over 13,000 drop. U.S. public school enrollment has increased in the past three years with 2021 reporting 65.1 million enrolled and 2023 reporting 65.5 million (Figure 51 & Table F-6).

FIGURE 49. PUBLIC SCHOOL ENROLLMENT IN NEW YORK CITY



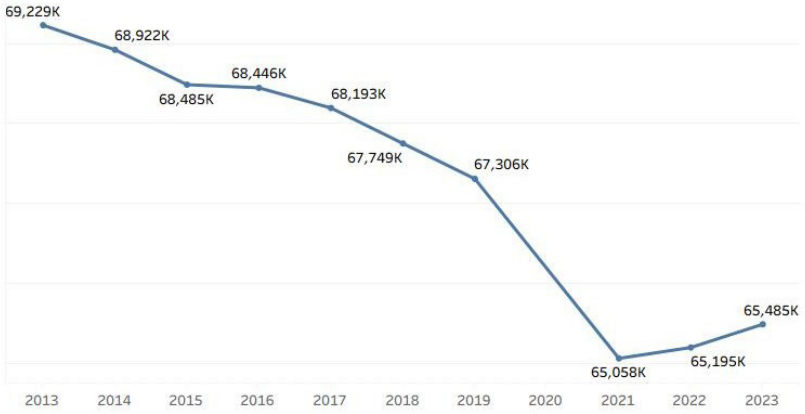
Source: American Community Survery- US Census Bureau

FIGURE 50. PUBLIC SCHOOL ENROLLMENT IN NY-NJ-CT REGION



Source: American Community Survery- US Census Bureau

FIGURE 51. PUBLIC SCHOOL ENROLLMENT IN UNITED STATES



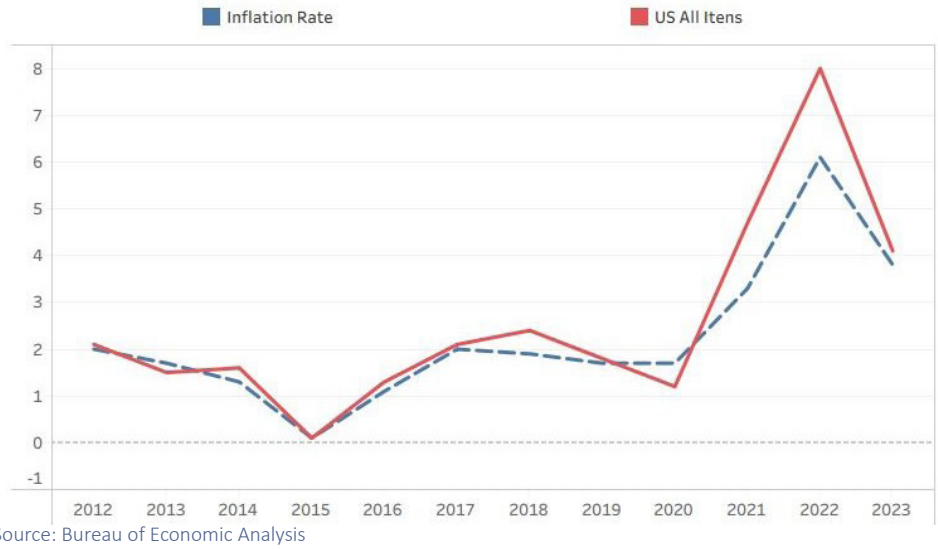
Source: American Community Survery- US Census Bureau

Economic Measures

The Consumer Price Index (CPI) measures the average change in the price of consumer goods in the United States. The index is calculated by the U.S. Bureau of Labor Statistics. The CPI is based on the prices of food, housing, energy, transportation and other goods and services and can be used as an indicator for cost of living. In the New York-Newark-Jersey City, NY-NJ-PA Metropolitan Statistical Area, as defined by the United States Office of Management and Budget, the Consumer Price Index for all items consumed by urban consumers (CPI-U) decreased from a high of 6.1% in 2022 to 3.8% in 2023. Within the same period, the U.S. CPI-U decreased from a high of 8.0% to 4.1%.

Inflation

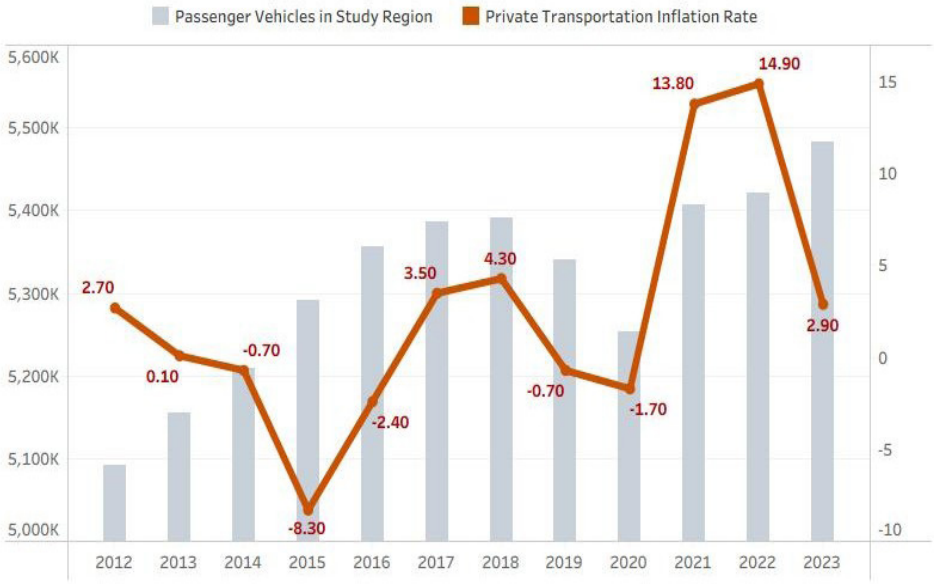
FIGURE 52. ANNUAL INFLATION RATE - ALL URBAN CONSUMERS - NEW YORK - NEWARK - JERSEY CITY



Source: Bureau of Economic Analysis

When looking at Figure 53, the Private Transportation Inflation Rate refers to the average change over time in private transportation costs including vehicle purchases and other expenses, such as fuel and motor oil. The Private Transportation Inflation Rate in 2023 was 2.9%, a 12 point decrease from 2022 which measured 14.9%. Meanwhile, the number of passenger vehicles in the New York-New Jersey -Jersey City NY-NJ-PA Metropolitan Statistical Area area grew by over 70,000 vehicles in 2023, totalling to 5.48 million compared to 5.41 in 2022.

FIGURE 53. TRANSPORTATION INFLATION RATE AND PASSENGER VEHICLES



Source: Bureau of Economic Analysis

Gross Domestic Product (GDP)

Gross Domestic Product (Figure 43 & Table F-8) represents the monetary value of all goods and services within the New York-Newark-Jersey City, NY-NJ-PA Metropolitan Statistical Area over a specified period of time.

Comparing the GDP growth to the U.S. unemployment rate and the U.S. inflation rate, Figure 54 shows that the GDP growth has remained above the inflation rate during the past 10 years, with exception to 2020, reaching an 8.8% high in 2021. When looking at the NY-NJ-CT sudy area unemployment rate, it has been higher than the GDP rate for the same period, except for 2021 and 2022.

FIGURE 54. GROSS DOMESTIC PRODUCT FOR NEW YORK-NEWARK-JERSEY CITY

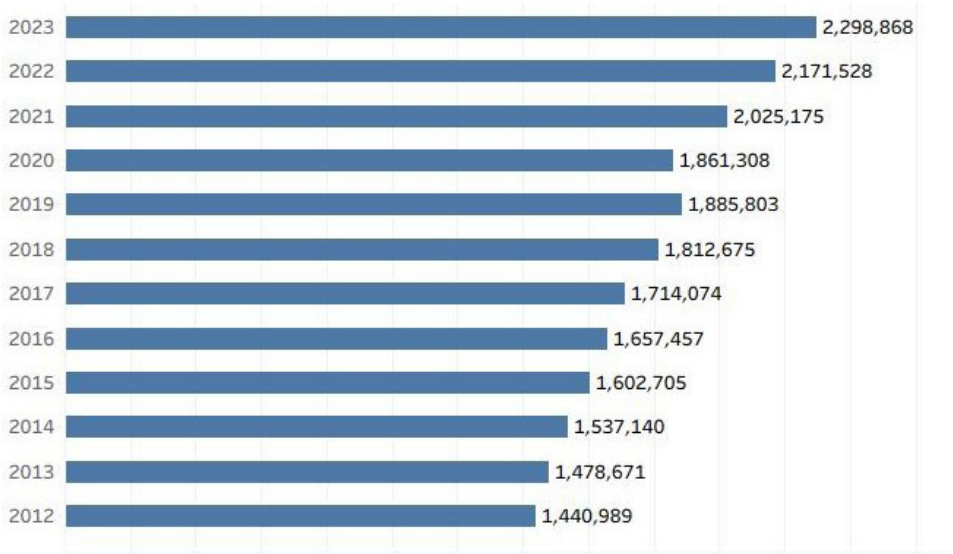
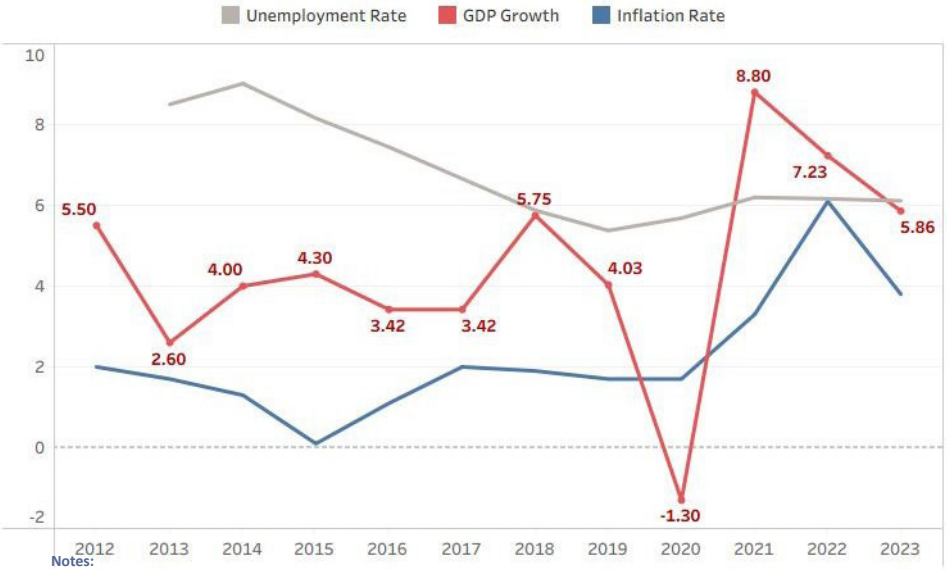


FIGURE 55. GDP GROWTH, INFLATION RATE AND UNEMPLOYMENT RATE



Notes:
1. NY-NJ-CT Study Region used for unemployment rate.
2. New York-Newark-Jersey City, NY-NJ-PA Metropolitan Statistical Area used for GDP and inflation rates.

Appendix A

PUBLIC TRANSIT

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

In Millions

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	795.7	776.4	785.1	735.3	734.7	733.8	425.3	413.8	483.3	611.4
MTA Bus Company	125.6	125.4	125.6	122.2	137.6	135.1	72.6	82.3	100.4	119.6
New York City Bus Total	**921.3**	**901.8**	**910.8**	**857.5**	**872.3**	**868.9**	**497.9**	**496.1**	**583.7**	**731.0**
NICE Bus	28.4	27.1	26.9	25.2	23.0	23.8	14.3	15.2	17.7	20.0
Long Island Remainder	6.2	5.8	5.2	4.8	4.2	3.9	2.4	2.3	2.5	2.7
Westchester	31.4	29.9	29.4	28.6	27.4	26.5	16.6	16.4	20.6	21.6
Mid-Hudson New York	6.6	6.2	6.0	5.5	5.0	4.5	2.0	2.1	2.3	2.7
New York Suburban Bus Total	**72.6**	**69.0**	**67.5**	**64.2**	**59.6**	**58.6**	**35.3**	**36.1**	**43.2**	**47.1**
Total Downstate NY Bus	**993.9**	**970.8**	**978.3**	**921.7**	**931.9**	**927.5**	**533.2**	**532.3**	**626.9**	**778.0**
Percentage to the National Data	**20.0%**	**18.4%**	**19.1%**	**19.0%**	**19.5%**	**19.6%**	**16.2%**	**22.6%**	**21.4%**	**22.4%**
U.S. Bus Transit	**4,971.8**	**5,272.8**	**5,133.2**	**4,861.5**	**4,771.5**	**4,723.5**	**3,300.2**	**2,356.5**	**2,932.0**	**3,475.2**
NY Rail Rapid Transit										
MTA NYC Transit	2,743.0	2,662.4	2,673.3	2,699.5	2,628.4	2,712.5	1,112.7	1,311.2	1,788.4	2,017.9
MTA Staten Island Railway	8.3	8.6	8.6	8.3	8.1	7.7	2.7	2.8	3.8	5.2
NYC Rapid Rail Transit Total	**2,751.3**	**2,671.0**	**2,681.9**	**2,707.8**	**2,636.5**	**2,720.3**	**1,115.4**	**1,314.0**	**1,792.1**	**2,023.1**
Percentage to the National Data	**62.3%**	**61.5%**	**61.6%**	**62.7%**	**62.5%**	**63.6%**	**52.7%**	**73.5%**	**70.9%**	**69.4%**
U.S. Rail Rapid Transit	**4,418.4**	**4,346.3**	**4,352.8**	**4,321.4**	**4,218.5**	**4,278.3**	**2,116.2**	**1,787.7**	**2,528.3**	**2,917.1**
NY Suburban Rail										
MTA Metro North	84.5	85.8	86.3	86.4	91.9	91.4	29.4	32.3	54.5	66.4
MTA Long Island Rail Road	97.9	98.7	103.2	103.6	105.5	114.2	43.5	49.2	81.6	83.8
NY Suburban Rail Total	**182.4**	**184.5**	**189.5**	**190.0**	**197.4**	**205.7**	**72.9**	**81.4**	**136.1**	**150.2**
Percentage to the National Data	**37.5%**	**37.6%**	**37.9%**	**38.2%**	**39.4%**	**40.6%**	**28.1%**	**55.0%**	**51.7%**	**46.9%**
U.S. Suburban Rail	**485.8**	**490.8**	**499.5**	**497.8**	**500.7**	**506.0**	**259.3**	**148.1**	**263.6**	**320.2**
NY Ferries										
Staten Island Ferry	21.1	21.9	23.1	23.9	24.5	25.2	15.9	7.6	12.1	14.7
NYC Ferry	0.0	1.4	1.6	1.8	4.1	5.7	5.0	3.8	5.4	6.6
Private Ferry	**9.7**	**10.5**	**11.2**	**7.6**	**7.9**	**9.2**	**2.3**	**2.5**	**4.5**	**5.5**
Ferry Total	**30.8**	**33.8**	**35.9**	**33.4**	**36.5**	**40.1**	**23.1**	**13.9**	**22.0**	**26.8**
New York Total	**3,958.4**	**3,860.1**	**3,885.6**	**3,852.9**	**3,802.3**	**3,893.5**	**1,744.6**	**1,941.6**	**2,577.1**	**2,978.2**
NJ Bus										
New Jersey Transit Bus	161.2	162.5	159.9	154.5	151.6	151.1	119.1	77.5	102.7	123.8
NJ Independents	32.5	25.6	24.5	23.7	22.5	21.8	7.0	5.5	7.5	5.3
New Jersey Bus Total	**193.7**	**188.1**	**184.4**	**178.2**	**174.2**	**172.9**	**126.1**	**83.0**	**110.3**	**129.2**
NJ Rail Rapid Transit										
PATH	83.0	85.5	88.3	92.9	89.7	90.3	29.7	32.1	46.6	55.1
Light Rail/ Newark City Subway	22.1	22.5	23.9	23.7	23.7	24.3	18.6	11.9	16.0	19.3
NJ Rail Rapid Transit Total	**105.1**	**108.0**	**112.3**	**116.7**	**113.3**	**114.6**	**48.2**	**44.0**	**62.6**	**74.4**
NJ Suburban Rail										
New Jersey Transit	85.6	89.3	90.9	88.6	87.1	89.6	66.3	19.1	40.1	53.8
NJ Suburban Rail Total	**85.6**	**89.3**	**90.9**	**88.6**	**87.1**	**89.6**	**66.3**	**19.1**	**40.1**	**53.8**
New Jersey Total	**384.4**	**385.4**	**387.5**	**383.4**	**374.5**	**377.0**	**240.7**	**146.1**	**212.9**	**257.4**
CT Bus										
CT Transit Bus	13.1	12.8	12.1	11.0	10.5	10.3	9.2	7.0	7.9	11.2
CT Private Bus	9.3	9.1	8.9	8.0	7.6	7.4	6.0	3.9	5.1	7.4
Connecticut Total	**22.4**	**21.9**	**21.0**	**19.0**	**18.1**	**17.8**	**15.2**	**10.9**	**13.0**	**18.6**
NY-NJ-CT Region Total	**4,365.2**	**4,267.3**	**4,294.1**	**4,255.2**	**4,194.9**	**4,288.3**	**2,000.5**	**2,098.5**	**2,803.1**	**3,254.1**
Percentage to U.S. Total	**42.87%**	**41.91%**	**42.68%**	**42.18%**	**42.53%**	**44.70%**	**34.89%**	**48.44%**	**48.50%**	**48.02%**
U.S. Total	**10,183.1**	**10,181.3**	**10,060.8**	**10,088.7**	**9,863.1**	**9,593.3**	**5,733.7**	**4,332.3**	**5,779.7**	**6,776.9**

Source: National Transit Database - Federal Transit Administration

Table A-2 Annual Public Transit Average Weekday Unlinked Trips in NY-NJ-CT Region

In Thousands

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	2,841.8	2,772.9	2,804.1	2,626.1	2,623.8	2,620.7	1,519.0	1,477.9	1,726.1	2,183.6
MTA Bus Company	448.6	447.9	448.6	436.5	491.5	482.4	259.2	294.1	358.6	427.0
New York City Bus Total	**3,290.4**	**3,220.7**	**3,252.7**	**3,062.6**	**3,115.3**	**3,103.1**	**1,778.1**	**1,772.0**	**2,084.7**	**2,610.6**
NICE Bus	101.4	96.8	96.1	90.2	82.1	85.0	50.9	54.4	63.2	71.4
Long Island Remainder	22.1	20.7	18.6	17.1	15.1	13.8	8.7	8.3	9.1	9.8
Westchester	112.1	106.8	105.0	102.3	97.8	94.6	59.4	58.7	73.5	77.3
Mid-Hudson New York	23.6	22.1	21.6	19.6	17.8	16.0	7.0	7.6	8.3	9.7
New York Suburban Bus Total	**259.3**	**246.4**	**241.2**	**229.1**	**212.8**	**209.4**	**126.1**	**128.9**	**154.2**	**168.1**
Total Downstate NY Bus	**3,549.6**	**3,467.1**	**3,493.9**	**3,291.7**	**3,328.1**	**3,312.5**	**1,904.2**	**1,900.9**	**2,238.8**	**2,778.7**
NY Rail Rapid Transit										
MTA NYC Transit	9,796.4	9,508.6	9,547.4	9,641.2	9,387.0	9,687.6	3,973.8	4,682.9	6,387.0	7,206.7
MTA Staten Island Railway	29.6	30.7	30.8	29.5	29.0	27.6	9.7	9.9	13.4	18.6
NYC Rapid Rail Transit Total	**9,826.1**	**9,539.3**	**9,578.2**	**9,670.7**	**9,416.0**	**9,715.2**	**3,983.5**	**4,692.9**	**6,400.4**	**7,225.3**
NY Suburban Rail										
MTA Metro North	301.8	306.4	308.2	308.4	328.1	326.5	105.0	115.2	194.7	237.0
MTA Long Island Rail Road	349.6	352.5	368.6	370.1	376.9	408.0	155.3	175.6	291.5	299.4
NY Suburban Rail Total	**651.4**	**658.9**	**676.8**	**678.5**	**705.0**	**734.6**	**260.3**	**290.8**	**486.2**	**536.4**
NY Ferries										
Staten Island Ferry	75.4	78.2	82.4	85.4	87.5	90.1	56.7	27.0	43.3	52.6
NYC Ferry	-	4.9	5.6	6.5	14.6	20.3	17.7	13.5	19.2	19.2
Private Ferry	34.6	37.5	40.0	27.3	28.3	32.9	8.3	9.1	16.1	16.1
Ferry Total	**110.0**	**120.6**	**127.9**	**119.2**	**130.5**	**143.3**	**82.7**	**49.6**	**78.6**	**87.8**
New York Total	**14,137.1**	**13,785.9**	**13,876.8**	**13,760.2**	**13,579.6**	**13,905.5**	**6,230.6**	**6,934.1**	**9,204.0**	**10,628.3**
NJ Bus										
New Jersey Transit Bus	575.7	580.2	571.1	551.6	541.6	539.5	425.3	276.8	366.9	442.2
NJ Independents	116.1	91.6	87.6	84.6	80.4	78.0	25.1	19.6	26.9	19.1
New Jersey Bus Total	**691.8**	**671.8**	**658.7**	**636.3**	**622.0**	**617.5**	**450.4**	**296.4**	**393.9**	**461.3**
NJ Rail Rapid Transit										
PATH	296.4	305.4	315.5	331.9	320.2	322.4	105.9	114.5	166.4	196.8
Light Rail/ Newark City Subway	78.9	80.4	85.4	84.7	84.5	86.8	66.3	42.5	57.1	69.0
NJ Rail Rapid Transit Total	**375.4**	**385.7**	**400.9**	**416.6**	**404.7**	**409.2**	**172.2**	**157.1**	**223.5**	**265.8**
NJ Suburban Rail										
New Jersey Transit	305.7	318.9	324.5	316.4	310.9	319.9	236.9	68.2	143.1	192.0
NJ Suburban Rail Total	**305.7**	**318.9**	**324.5**	**316.4**	**310.9**	**319.9**	**236.9**	**68.2**	**143.1**	**192.0**
New Jersey Total	**1,372.9**	**1,376.4**	**1,384.1**	**1,369.3**	**1,337.6**	**1,346.6**	**859.5**	**521.7**	**760.5**	**919.1**
CT Bus										
CT Transit Bus	46.8	45.7	43.2	39.2	37.6	36.8	32.9	24.9	28.2	40.0
CT Private Bus	**33.2**	**32.5**	**31.8**	**28.6**	**27.1**	**26.6**	**21.5**	**14.0**	**18.3**	**26.6**
Connecticut Total	**80.0**	**78.2**	**75.0**	**67.7**	**64.7**	**63.4**	**54.4**	**38.9**	**46.5**	**66.5**
NY-NJ-CT Region Total	**15,247.5**	**15,590.0**	**15,235.6**	**15,197.2**	**14,981.9**	**15,315.5**	**7,144.5**	**7,494.7**	**10,011.0**	**11,614.0**

Source: New York Metropolitan Transportation Council

Table A-3 Annual Public Transit Vehicle-Miles Traveled

In Millions

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	97.8	98.7	99.1	98.5	98.4	99.5	92.0	92.9	95.1	95.9
MTA Bus Company	26.8	27.0	27.1	26.7	26.4	26.4	25.9	26.1	25.9	25.8
New York City Bus Total	**124.6**	**125.7**	**126.1**	**125.2**	**124.8**	**125.9**	**117.8**	**119.0**	**121.0**	**121.6**
NICE Bus	9.7	9.6	9.2	8.5	8.3	8.4	7.8	8.0	8.4	8.5
Long Island Remainder	8.3	8.4	8.3	7.8	7.8	7.3	7.8	7.8	7.8	8.0
Westchester	7.8	7.8	7.7	7.7	7.7	7.7	7.0	7.6	7.5	7.6
Mid-Hudson New York	7.6	7.6	7.6	7.6	7.7	6.9	4.5	4.6	4.6	4.7
New York Suburban Bus Total	**33.4**	**33.4**	**32.9**	**31.6**	**31.4**	**30.3**	**27.1**	**28.0**	**28.3**	**28.7**
Total Downstate NY Bus	**158.0**	**159.1**	**159.0**	**156.7**	**156.2**	**156.2**	**145.0**	**147.0**	**149.3**	**150.3**
Percentage to the National Data	**8.5%**	**7.6%**	**7.4%**	**7.3%**	**7.2%**	**7.1%**	**7.3%**	**7.7%**	**7.6%**	**7.6%**
U.S. Bus Transit	**1,866.5**	**2,087.3**	**2,137.4**	**2,153.5**	**2,171.2**	**2,195.4**	**1,982.6**	**1,907.9**	**1,958.2**	**1,984.3**
NY Rail Rapid Transit										
MTA NYC Transit	345.1	345.4	347.1	349.5	348.5	354.6	324.8	331.3	338.2	343.8
MTA Staten Island Railway	2.4	2.6	2.6	2.6	2.6	2.5	2.0	2.3	2.4	2.5
NYC Rapid Rail Transit Total	347.5	347.5	348.0	352.1	351.1	357.2	326.8	333.6	340.6	346.4
Percentage to the National Data	**45.6%**	**44.3%**	**44.0%**	**43.7%**	**43.5%**	**43.3%**	**43.3%**	**46.0%**	**45.7%**	**45.1%**
U.S. Rail Rapid Transit	**762.8**	**784.6**	**790.4**	**806.5**	**807.3**	**824.3**	**754.6**	**724.6**	**745.7**	**768.7**
NY Suburban Rail										
MTA Metro North	68.1	69.7	69.6	68.6	67.8	67.9	48.7	51.9	63.0	62.3
MTA Long Island Rail Road	66.6	67.5	66.8	67.0	66.5	67.9	61.8	58.4	62.9	76.5
NY Suburban Rail Total	**130.0**	**134.7**	**137.2**	**135.6**	**134.3**	**135.9**	**110.5**	**110.3**	**125.9**	**138.8**
Percentage to the National Data	**38.4%**	**39.4%**	**39.8%**	**39.1%**	**38.6%**	**38.5%**	**37.5%**	**38.8%**	**39.1%**	**40.6%**
U.S. Suburban Rail	**338.5**	**342.1**	**344.4**	**347.0**	**348.3**	**352.8**	**294.6**	**284.2**	**321.6**	**342.2**
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
NYC Ferry	0.0	0.0	0.1	0.1	0.6	0.8	0.8	0.7	0.9	1.0
New York Total	**635.7**	**641.4**	**644.5**	**644.8**	**642.4**	**650.3**	**583.3**	**591.9**	**617.0**	**636.7**
NJ Bus										
New Jersey Transit Bus	79.3	79.6	79.7	78.9	80.3	80.5	76.6	79.6	81.1	80.3
NJ Independents	37.8	33.4	33.0	33.5	32.8	32.7	12.0	8.9	11.9	11.4
New Jersey Bus Total	**117.1**	**112.9**	**112.7**	**112.4**	**113.1**	**113.1**	**88.6**	**88.5**	**93.1**	**91.7**
NJ Rail Rapid Transit										
PATH	13.3	13.0	12.9	12.9	12.9	13.3	12.7	12.6	12.6	12.2
Light Rail/ Newark City Subway	3.8	3.7	3.8	3.9	3.8	3.8	3.6	3.8	3.8	3.7
NJ Rail Rapid Transit Total	**17.1**	**16.7**	**16.6**	**16.7**	**16.8**	**17.2**	**16.3**	**16.4**	**16.3**	**15.9**
NJ Suburban Rail										
New Jersey Transit	62.9	63.0	61.4	61.5	62.2	58.6	54.3	56.5	59.1	59.5
NJ Suburban Rail Total	62.9	63.0	61.4	61.5	62.2	58.6	54.3	56.5	59.1	59.5
New Jersey Total	**197.1**	**192.6**	**190.7**	**190.6**	**192.1**	**188.8**	**159.2**	**161.4**	**168.5**	**167.1**
CT Bus										
CT Transit Bus	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.4	5.9	6.0
CT Private Bus	4.5	4.3	4.4	4.3	4.1	4.0	3.7	3.5	3.8	3.8
Connecticut Total	**9.7**	**9.5**	**9.6**	**9.5**	**9.3**	**9.3**	**9.0**	**8.8**	**9.7**	**9.8**
NY-NJ-CT Region Total	**842.5**	**843.5**	**844.8**	**844.9**	**843.8**	**848.4**	**751.5**	**762.1**	**795.2**	**813.6**
Percentage to U.S. Total	**28.3%**	**26.2%**	**25.8%**	**25.5%**	**25.3%**	**25.1%**	**24.8%**	**26.1%**	**26.2%**	**26.2%**
U.S. Total	**2,982.0**	**3,217.7**	**3,276.0**	**3,307.9**	**3,331.4**	**3,377.8**	**3,036.3**	**2,920.9**	**3,030.9**	**3,100.8**

Source: National Transit Database - Federal Transit Administration

Table A-4 Annual Public Transit Passenger-miles Traveled

In Millions

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
					NY Bus					
MTA NYC Transit	1,767.80	1,751.30	1,766.9	1,665.1	1,687.1	1,688.9	985.44	1,032.73	1,239.31	1,564.51
MTA Bus Company	349.70	370.98	369.1	347.1	381.3	377.9	202.71	1,032.73	289.07	347.97
New York City Bus Total	**2,117.5**	**2,122.3**	**2,136.0**	**2,012.2**	**2,068.4**	**2,066.8**	**1,188.2**	**2,065.5**	**1,528.4**	**1,912.5**
NICE Bus	134.90	151.30	150.11	143.0	126.8	136.2	83.8	87.9	100.9	110.5
Long Island Remainder	41.70	37.97	34.08	31.8	29.0	26.8	16.7	16.2	17.7	18.9
Westchester	153.70	146.20	143.79	124.2	118.8	114.9	67.7	68.4	81.6	86.9
Mid-Hudson New York	90.80	78.00	80.09	72.1	70.7	63.5	21.15	20.2	21.0	22.1
New York Suburban Bus Total	**421.1**	**413.5**	**408.1**	**371.1**	**345.3**	**341.4**	**189.4**	**192.7**	**221.2**	**238.3**
Total Downstate NY Bus	**2,538.6**	**2,535.8**	**2,544.1**	**2,383.3**	**2,413.8**	**2,408.2**	**1,377.5**	**2,258.2**	**1,749.6**	**2,150.8**
Percentage to the National Data	**11.8%**	**12.5%**	**12.4%**	**12.3%**	**12.9%**	**12.8%**	**10.8%**	**25.6%**	**16.0%**	**16.7%**
U.S. Bus Transit	**21,586.70**	**20,239.30**	**20,565.00**	**19,363.7**	**18,750.9**	**18,750.9**	**12,705.3**	**8,804.8**	**10,939.74**	**12,859.03**
					NY Rail Rapid Transit					
MTA NYC Transit	11,152.70	10,870.50	11,009.03	10,683.8	9,989.1	10,462.78	4,676.67	5,668.69	7,055.40	8,001.95
MTA Staten Island Railway	52.00	53.60	53.99	51.5	50.7	48.2	16.9	17.3	23.4	30.5
NYC Rapid Rail Transit Total	11,204.7	10,924.1	11,063.0	10,735.3	10,039.8	10,511.0	4,693.6	5,686.0	7,078.8	8,032.5
Percentage to the National Data	**53.6%**	**52.5%**	**52.7%**	**53.0%**	**51.4%**	**52.7%**	**43.9%**	**67.6%**	**63.1%**	**61.9%**
U.S. Rail Rapid Transit	**20,920.30**	**20,805.10**	**21,010.90**	**20,254.5**	**19,535.3**	**19,955.5**	**10,703.00**	**8,412.34**	**11,222.55**	**12,976.66**
					NY Suburban Rail					
MTA Metro North	2,588.10	2,339.30	2,522.42	2,270.9	2,154.5	2,034.5	671.7	737.08	1,070.03	1,150.35
MTA Long Island Rail Road	1,917.20	2,220.65	2,154.35	2,996.9	3,406.0	3,929.9	1,229.3	1,420.98	1,820.71	2,033.69
NY Suburban Rail Total	**4,505.3**	**4,560.0**	**4,676.8**	**5,267.8**	**5,560.5**	**5,964.3**	**1,900.9**	**2,158.1**	**2,890.7**	**3,184.0**
Percentage to the National Data	**38.8%**	**39.0%**	**39.7%**	**43.0%**	**44.1%**	**46.9%**	**31.6%**	**58.2%**	**48.8%**	**45.2%**
U.S. Suburban Rail	**11,599.80**	**11,687.40**	**11,767.70**	**12,250.7**	**12,609.9**	**12,707.3**	**6,020.90**	**3,706.60**	**5,924.30**	**7,045.32**
					NY Ferries					
Staten Island Ferry	108.70	113.90	119.95	124.4	127.4	131.2	82.50	39.32	63.01	76.52
NYC Ferry	-	2.97	3.42	7.4	22.3	30.9	28.30	21.00	24.01	33.25
New York Total	**18,357.3**	**18,136.7**	**18,407.2**	**18,518.2**	**18,163.7**	**19,045.7**	**8,082.9**	**10,162.6**	**11,806.2**	**13,477.1**
					NJ Bus					
New Jersey Transit Bus	1,121.90	1,071.30	1,248.56	1,156.2	1,107.6	1,017.3	866.85	528.96	775.9	877.3
NJ Independents	904.50	n/a	667.91	651.5	621.7	580.8	164.5	131.8	198.4	220.6
New Jersey Bus Total	**2,026.4**	**1,071.3**	**1,916.5**	**1,807.6**	**1,729.2**	**1,598.1**	**1,031.3**	**660.7**	**974.3**	**1,097.9**
					NJ Rail Rapid Transit					
PATH	349.90	360.88	370.19	390.8	444.9	447.0	150.3	161.2	229.0	268.4
Light Rail/ Newark City Subway	102.60	105.30	113.74	112.5	111.2	114.6	88.7	59.6	77.9	90.7
NJ Rail Rapid Transit Total	**452.5**	**466.2**	**483.9**	**503.3**	**556.0**	**561.7**	**239.0**	**220.78**	**306.94**	**359.09**
					NJ Suburban Rail					
New Jersey Transit	2,172.50	2,186.60	2,090.91	2,077.1	2,148.6	2,006.2	1,459.94	529.34	1,145.56	1,329.18
NJ Suburban Rail Total	**2,225.00**	**2,172.50**	**2,186.60**	**2,090.9**	**2,148.6**	**2,006.2**	**1,459.9**	**529.3**	**1,145.6**	**1,329.2**
New Jersey Total	**4,651.4**	**3,724.1**	**4,491.3**	**4,388.0**	**4,433.9**	**4,166.0**	**1,459.9**	**1,410.9**	**2,426.8**	**2,786.2**
NY-NJ Region Total	**23,008.7**	**21,860.7**	**22,898.5**	**22,906.2**	**22,597.6**	**23,211.6**	**9,542.8**	**11,573.4**	**14,233.0**	**16,263.3**
Percentage to U.S. Total	**42.2%**	**41.1%**	**42.5%**	**43.8%**	**43.2%**	**44.9%**	**32.0%**	**54.6%**	**50.0%**	**48.8%**
U.S. Total	**54,521.0**	**53,182.3**	**53,833.0**	**52,354.9**	**52,354.9**	**51,702.4**	**29,840.3**	**21,191.8**	**28,464.1**	**33,316.7**

Source: National Transit Database - Federal Transit Administration

Table A-5 Annual Public Transit Operating Revenue

In Millions of Dollars

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	1,061.3	1,023.5	1,026.3	1,010.1	1,045.6	1,059.7	466.2	824.5	778.5	926.7
MTA Bus Company	209.2	213.4	220.4	223.0	220.9	224.8	96.7	145.11	163.43	255.57
New York City Bus Total	**1,270.5**	**1,236.9**	**1,246.7**	**1,233.1**	**1,266.5**	**1,284.5**	**562.9**	**969.6**	**941.9**	**1,182.2**
NICE Bus	45.1	45.3	46.8	43.7	40.9	40.2	20.6	25	28	31
Long Island Remainder	9.0	8.4	7.9	7.1	6.8	6.3	3.2	3.7	4.2	4.3
Westchester	50.9	50.2	50.3	50.0	48.7	47.5	18.5	29	22	27
Mid-Hudson New York	23.8	22.7	22.8	21.5	19.1	17.9	5.5	3.9	5.2	5.5
New York Suburban Bus Total	**128.9**	**126.7**	**127.8**	**122.4**	**115.4**	**111.9**	**47.8**	**62.2**	**59.1**	**67.3**
Total Downstate NY Bus	**1,399.4**	**1,363.7**	**1,374.5**	**1,355.5**	**1,381.9**	**1,396.4**	**610.7**	**1,031.8**	**1,001.0**	**1,249.5**
NY Rail Rapid Transit										
MTA NYC Transit	3,543.7	3,515.3	3,559.1	3,649.9	3,857.9	4,042.5	1,845.4	2,557.29	2,913.89	3,970.85
MTA Staten Island Railway	14.1	8.3	9.4	9.5	9.5	9.4	3.4	3.0	4.4	13.7
NYC Rapid Rail Transit Total	**3,557.8**	**3,523.6**	**3,568.4**	**3,659.4**	**3,867.4**	**4,051.9**	**1,848.8**	**2,560.3**	**2,918.3**	**3,984.5**
NY Suburban Rail										
MTA Metro North	712.2	702.4	741.1	791.9	792.7	813.8	280.3	283.95	489.46	775.90
MTA Long Island Rail Road	710.1	726.5	745.8	780.6	789.7	809.2	306.5	324.70	490.49	810.63
NY Suburban Rail Total	**1,422.3**	**1,429.0**	**1,486.8**	**1,572.5**	**1,582.37**	**1,623.06**	**586.83**	**608.65**	**979.95**	**1,586.52**
NY Ferries										
Staten Island Ferry	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.58
NYC Ferry	N/A	N/A	N/A	N/A	10.3	13.9	12.2	9.35	13.74	19.77
New York Total	**6,379.4**	**6,316.3**	**6,429.8**	**6,587.4**	**6,842.0**	**7,085.2**	**3,058.4**	**4,210.1**	**4,913.1**	**6,842.9**
NJ Bus										
New Jersey Transit Bus	419.3	385.7	425.5	430.7	422.7	434.6	338.8	208.4	248.2	350.0
NJ Independents	236.2	207.2	214.4	213.8	230.5	210.0	91.9	74.8	92.3	83.4
New Jersey Bus Total	**655.5**	**592.9**	**639.9**	**644.4**	**653.3**	**644.6**	**430.7**	**283.2**	**340.5**	**433.4**
NJ Rail Rapid Transit										
PATH	321.5	255.4	395.3	409.7	429.0	440.8	431.7	461.1	475.5	545.7
Light Rail/ Newark City Subway	25.0	22.8	25.8	25.5	24.4	25.9	19.8	10.9	11.4	14.0
NJ Rail Rapid Transit Total	**346.5**	**278.2**	**421.1**	**435.3**	**453.4**	**466.8**	**451.5**	**471.9**	**486.9**	**559.7**
NJ Suburban Rail										
NJ Suburban Rail Total	599.8	567.4	639.8	643.4	616.1	640.1	488.9	160.7	277.8	434.7
New Jersey Total	**1,601.8**	**1,438.5**	**1,700.8**	**1,723.2**	**1,722.8**	**1,751.4**	**1,371.1**	**915.9**	**1,105.2**	**1,427.8**
CT Bus										
CT Transit Bus	13.2	12.6	13.2	12.6	11.2	11.3	8.1	5.1	6.9	2.6
CT Private Bus	9.9	9.4	9.4	8.5	7.9	7.9	6.0	3.0	3.9	2.8
Connecticut Total	**23.1**	**22.0**	**22.7**	**21.1**	**19.1**	**19.3**	**14.1**	**8.1**	**10.8**	**5.4**
NY-NJ-CT Region Total	**8,004.4**	**7,776.7**	**8,153.2**	**8,331.6**	**8,583.9**	**8,855.9**	**4,443.5**	**5,134.0**	**6,029.1**	**8,276.1**

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	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	949.9	964.8	966.3	968.8	949.5	955.0	406.71	571.83	621.62	637.65
MTA Bus Company	203.6	210.3	212.5	217.2	220.9	224.8	95.40	140.16	163.43	178.57
New York City Bus Total	**1,153.5**	**1,175.1**	**1,178.8**	**1,185.9**	**1,170.4**	**1,179.8**	**502.1**	**712.0**	**785.1**	**816.2**
NICE Bus	44.6	45.1	44.8	43.1	40.2	39.5	19.9	24.4	27.1	30.1
Long Island Remainder	8.8	8.4	7.6	7.0	6.5	6.0	3.1	3.4	3.7	4.0
Westchester	48.6	49.4	48.1	48.3	46.5	45.9	17.9	28.3	21.1	25.8
Mid-Hudson New York	22.1	22.4	22.1	20.7	18.8	17.6	4.2	2.2	4.2	5.0
New York Suburban Bus Total	**124.1**	**125.3**	**122.6**	**119.1**	**112.1**	**109.1**	**45.2**	**58.4**	**56.1**	**64.9**
Total Downstate NY Bus	**1,277.6**	**1,300.4**	**1,301.4**	**1,305.0**	**1,282.5**	**1,288.9**	**547.3**	**770.4**	**841.2**	**881.2**
Percentage to the National Data	**22.1%**	**22.1%**	**22.3%**	**23.1%**	**22.8%**	**23.3%**	**16.4%**	**33.0%**	**27.2%**	**25.3%**
U.S. Bus Transit	**5,784.6**	**5,876.6**	**5,823.3**	**5,659.6**	**5,623.9**	**5,530.2**	**3,332.10**	**2,335.08**	**3,094.00**	**3,488.05**
NY Rail Rapid Transit										
MTA NYC Transit	3,171.8	3,313.6	3,351.1	3,500.4	3,503.3	3,643.2	1,610.0	1,773.5	2,326.8	2,703.9
MTA Staten Island Railway	7.6	8.2	8.4	8.8	8.7	8.5	2.9	2.5	3.3	3.4
NYC Rapid Rail Transit Total	**3,179.4**	**3,321.8**	**3,359.4**	**3,509.2**	**3,512.0**	**3,651.7**	**1,612.8**	**1,776.1**	**2,344.8**	**2,721.9**
Percentage to the National Data	**56.4%**	**56.1%**	**56.6%**	**58.1%**	**57.5%**	**58.9%**	**49.4%**	**73.0%**	**68.9%**	**68.4%**
U.S. Rail Rapid Transit	**5,632.4**	**5,920.6**	**5,939.4**	**6,036.3**	**6,103.8**	**6,194.7**	**3,263.40**	**2,432.43**	**3,404.80**	**3,977.77**
NY Suburban Rail										
MTA Metro North	649.8	667.6	694.6	737.4	740.3	756.7	243.43	262.66	448.20	558.35
MTA Long Island Rail Road	660.6	700.7	719.2	733.0	740.6	768.9	272.53	295.75	457.58	568.95
NY Suburban Rail Total	**1,310.4**	**1,368.3**	**1,413.9**	**1,470.4**	**1,480.9**	**1,525.6**	**516.0**	**558.4**	**905.8**	**1,127.3**
Percentage to the National Data	**46.2%**	**45.8%**	**45.7%**	**46.0%**	**45.8%**	**46.2%**	**31.0%**	**59.3%**	**56.0%**	**54.8%**
U.S. Suburban Rail	**2,837.3**	**2,984.3**	**3,092.9**	**3,194.3**	**3,236.8**	**3,300.7**	**1,663.30**	**942.35**	**1,618.32**	**2,057.34**
NY Ferries										
Staten Island Ferry	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NYC Ferry	-	-	-	-	-	-	-	-	-	-
New York Total	**5,767.4**	**5,990.5**	**6,074.7**	**6,284.6**	**6,275.4**	**6,466.2**	**2,676.1**	**3,104.9**	**4,091.7**	**4,730.4**
NJ Bus										
New Jersey Transit Bus	364.2	367.9	386.5	387.2	385.4	384.7	295.6	164.1	248.2	305.7
NJ Independents	212.4	189.8	195.2	193.1	192.0	192.8	68.1	42.8	69.6	71.4
New Jersey Bus Total	**576.6**	**557.7**	**581.7**	**580.4**	**577.4**	**577.5**	**363.7**	**207.0**	**317.8**	**377.1**
NJ Rail Rapid Transit										
PATH	158.0	174.0	178.8	191.2	190.5	197.8	71.2	77.4	113.5	134.1
Light Rail/ Newark City Subway	21.7	21.7	23.5	23.0	22.5	23.2	17.5	8.7	11.4	12.3
NJ Rail Rapid Transit Total	**179.7**	**195.7**	**202.3**	**214.1**	**213.0**	**221.0**	**88.6**	**86.2**	**124.9**	**146.4**
NJ Suburban Rail										
NJ Suburban Rail Total	520.9	541.2	582.2	578.6	561.7	566.6	426.5	126.5	277.8	379.7
New Jersey Total	**1,277.2**	**1,294.6**	**1,366.2**	**1,373.1**	**1,352.1**	**1,365.2**	**878.9**	**419.7**	**720.5**	**903.2**
CT Bus										
CT Transit Bus	12.8	12.5	11.9	11.3	10.8	10.9	7.8	4.8	6.7	2.2
CT Private Bus	9.6	9.3	8.8	8.2	7.6	7.4	5.6	2.9	3.7	2.5
Connecticut Total	**22.4**	**21.8**	**20.7**	**19.5**	**18.4**	**18.3**	**13.4**	**7.7**	**10.3**	**4.7**
NY-NJ-CT Region Total	**7,067.0**	**7,306.8**	**7,461.6**	**7,677.1**	**7,645.9**	**7,849.6**	**3,568.4**	**3,532.3**	**4,822.6**	**5,638.2**
Percentage to U.S. Total	**49%**	**49%**	**50%**	**51%**	**48%**	**49%**	**40%**	**56%**	**58%**	**58%**
U.S. Total	**14,396.8**	**14,976.4**	**15,054.3**	**15,095.0**	**15,890.6**	**15,991.6**	**9,028.8**	**6,306.4**	**8,357.9**	**9,797.3**

Source: National Transit Database - Federal Transit Administration

Table A-7 Annual Public Transit Operating Expense

In Millions of Dollars

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	2,892.6	2,948.0	3,122.8	2,841.3	2,889.7	3,031.5	2,936.6	3,092.3	3,262.4	3,515.8
MTA Bus Company	641.5	642.2	688.5	812.7	736.5	854.2	712.0	762.3	792.5	911.7
New York City Bus Total	**3,534.1**	**3,590.2**	**3,811.4**	**3,654.0**	**3,626.2**	**3,885.7**	**3,648.6**	**3,854.6**	**4,054.9**	**4,427.5**
NICE Bus	104.9	111.4	113.5	108.0	111.0	117.5	114.6	122.5	131	135
Long Island Remainder	47.8	48.7	48.8	46.7	47.8	46.3	51.2	54.1	58	64
Westchester	127.9	132.2	128.9	131.1	154.1	143.4	150.5	152.8	162	167
Mid-Hudson New York	46.9	50.5	43.7	45.8	45.6	43.4	32.3	34.2	40	40
New York Suburban Bus Total	**327.5**	**342.7**	**334.9**	**331.6**	**358.6**	**350.6**	**348.7**	**363.6**	**390.9**	**405.8**
Total Downstate NY Bus	**3,861.6**	**3,932.9**	**4,146.2**	**3,985.5**	**3,984.8**	**4,236.3**	**3,997.3**	**4,218.2**	**4,445.8**	**4,833.3**
Percentage to the National Data	**18.6%**	**17.9%**	**18.1%**	**17.1%**	**16.6%**	**16.7%**	**16.0%**	**16.8%**	**16.6%**	**16.3%**
U.S. Bus Transit	**20,707.7**	**21,911.4**	**22,875.3**	**23,315.2**	**24,005.0**	**25,327.7**	**25,004.50**	**25,080.44**	**26,764.52**	**29,695.96**
NY Rail Rapid Transit										
MTA NYC Transit	5,022.1	5,200.2	5,558.9	4,788.2	5,069.0	5,206.7	4,937.0	5,027.3	5,349.8	6,048.0
MTA Staten Island Railway	48.3	50.0	63.9	70.5	59.5	57.6	56.7	61.6	69.9	70.4
NYC Rapid Rail Transit Total	**5,070.4**	**5,250.2**	**5,622.9**	**4,858.7**	**5,128.5**	**5,264.4**	**4,993.6**	**5,088.9**	**5,419.6**	**6,118.4**
Percentage to the National Data	**48.4%**	**48.3%**	**48.5%**	**44.4%**	**44.6%**	**44.2%**	**42.7%**	**42.9%**	**43.6%**	**43.2%**
U.S. Rail Rapid Transit	**10,478.5**	**10,870.0**	**11,585.8**	**10,942.8**	**11,503.0**	**11,902.3**	**11,682.00**	**11,858.71**	**12,416.56**	**14,157.42**
NY Suburban Rail										
MTA Metro North	1,154.9	1,134.7	1,158.8	1,220.2	1,258.6	1,257.8	1,202.8	1,214.7	1,353.5	1,606.1
MTA Long Island Rail Road	1,303.0	1,290.6	1,309.3	1,362.0	1,482.5	1,507.0	1,464.4	1,471.2	1,601.9	2,135.2
NY Suburban Rail Total	**2,457.9**	**2,425.2**	**2,468.1**	**2,582.2**	**2,741.1**	**2,764.9**	**2,667.2**	**2,686.0**	**2,955.4**	**3,741.3**
Percentage to the National Data	**43.4%**	**42.3%**	**41.5%**	**42.7%**	**43.0%**	**42.2%**	**41.5%**	**41.3%**	**40.8%**	**45.2%**
U.S. Suburban Rail	**5,659.7**	**5,734.4**	**5,952.3**	**6,042.5**	**6,374.7**	**6,546.4**	**6,419.80**	**6,503.13**	**7,238.92**	**8,270.38**
NY Ferries										
Staten Island Ferry	138.2	138.4	145.0	127.4	162.0	137.6	140.3	132.0	149.1	153.8
NYC Ferry	-	8.5	9.6	21.2	61.8	78.3	76.0	47.0	63.3	69.1
New York Total	**11,528.1**	**11,755.3**	**12,391.8**	**11,575.0**	**12,078.2**	**12,481.5**	**11,874.5**	**12,171.9**	**13,033.3**	**14,915.9**
NJ Bus										
New Jersey Transit Bus	873.4	868.2	957.0	868.0	897.6	957.5	975.3	1,033.6	1,088.2	1,147.8
NJ Independents	220.7	203.9	200.5	206.1	206.0	204.5	97.8	88.8	107.2	90.9
New Jersey Bus Total	**1,094.1**	**1,072.1**	**1,157.5**	**1,074.1**	**1,103.6**	**1,162.0**	**1,073.0**	**1,122.4**	**1,195.4**	**1,238.7**
NJ Rail Rapid Transit										
PATH	391.7	389.3	415.3	423.4	446.0	457.5	447.0	467.1	481.2	552.3
Light Rail	130.4	134.7	131.2	143.2	152.7	158.8	150.8	150.9	161.8	180.4
NJ Rail Rapid Transit Total	**522.1**	**524.0**	**546.5**	**566.6**	**598.7**	**616.3**	**597.8**	**617.9**	**643.0**	**732.6**
NJ Suburban Rail										
NJ Suburban Rail Total	961.8	943.5	1,022.6	971.3	1,017.0	1,024.8	1,083.55	1,134.74	1,270.81	1,315.13
New Jersey Total	**2,578.0**	**2,539.6**	**2,726.7**	**2,612.0**	**2,719.2**	**2,803.1**	**2,754.4**	**2,875.1**	**3,109.2**	**3,286.4**
CT Bus										
CT Transit Bus	57.4	56.3	61.7	65.4	60.2	61.1	63.6	64.6	72.2	79.4
CT Private Bus	35.7	34.8	35.5	33.7	32.2	33.1	35.0	35.3	37.3	39.9
Connecticut Total	**93.1**	**91.1**	**97.2**	**99.1**	**92.4**	**94.3**	**98.6**	**99.9**	**109.5**	**119.2**
NY-NJ-CT Region Total	**14,199.2**	**14,386.0**	**15,215.7**	**14,286.1**	**14,889.8**	**15,378.9**	**14,727.5**	**15,146.9**	**16,252.0**	**18,321.6**
Percentage to U.S. Total	**38.0%**	**36.7%**	**37.0%**	**34.9%**	**34.9%**	**34.5%**	**33.5%**	**34.2%**	**34.3%**	**34.4%**
U.S. Total	**37,414.4**	**39,156.7**	**41,088.4**	**40,942.6**	**42,669.6**	**44,604.5**	**43,937.5**	**44,257.4**	**47,378.7**	**53,202.2**

Source: National Transit Database - Federal Transit Administration

Table A-8 Annual Public Transportation Deficits or Surplus

In Millions of Dollars

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	-1,831.3	-1,924.4	-2,096.5	-1,831.2	-1,844.1	-1,971.9	-2,470.4	-2,267.8	-2,483.9	-2,589.1
MTA Bus Company	-432.3	-428.8	-468.1	-589.7	-515.6	-629.4	-615.4	-617.2	-629.1	-656.2
New York City Bus Total	**-2,263.61**	**-2,353.22**	**-2,564.64**	**-2,420.83**	**-2,359.71**	**-2,601.22**	**-3,085.75**	**-2,884.93**	**-3,113.01**	**-3,245.27**
NICE Bus	-59.8	-66.1	-66.7	-64.3	-70.1	-77.3	-94.0	-97.4	-103.1	-104.4
Long Island Remainder	-38.8	-40.2	-40.9	-39.5	-41.1	-40.0	-48.0	-50.4	-53.4	-59.4
Westchester	-77.0	-82.0	-78.6	-81.1	-105.4	-95.9	-132.0	-123.3	-140.4	-140.3
Mid-Hudson New York	-23.1	-27.8	-20.8	-24.3	-26.5	-25.5	-26.9	-30.3	-34.9	-34.3
New York Suburban Bus Total	**-198.62**	**-216.01**	**-207.04**	**-209.17**	**-243.11**	**-238.74**	**-300.92**	**-301.42**	**-331.78**	**-338.50**
Total Downstate NY Bus	**-2,462.24**	**-2,569.23**	**-2,771.67**	**-2,630.00**	**-2,602.83**	**-2,839.97**	**-3,386.67**	**-3,186.36**	**-3,444.80**	**-3,583.77**
NY Rail Rapid Transit										
MTA NYC Transit	-1,478.4	-1,684.9	-1,999.9	-1,138.3	-1,211.0	-1,164.2	-3,091.6	-2,470.0	-2,435.9	-2,077.1
MTA Staten Island Railway	-34.2	-41.7	-54.6	-61.0	-50.0	-48.3	-53.3	-58.6	-65.4	-56.7
NYC Rapid Rail Transit Total	**-1,512.6**	**-1,726.6**	**-2,054.5**	**-1,199.3**	**-1,261.1**	**-1,212.4**	**-3,144.9**	**-2,528.6**	**-2,501.3**	**-2,133.9**
NY Suburban Rail										
MTA Metro North	-442.7	-432.2	-417.7	-428.4	-465.9	-444.0	-922.5	-930.8	-864.0	-830.2
MTA Long Island Rail Road	-592.9	-564.0	-563.5	-581.3	-692.8	-697.8	-1,157.9	-1,146.5	-1,111.5	-1,324.6
NY Suburban Rail Total	**-1,035.6**	**-996.3**	**-981.3**	**-1,009.7**	**-1,158.7**	**-1,141.8**	**-2,080.4**	**-2,077.3**	**-1,975.5**	**-2,154.8**
NY Ferries										
Staten Island Ferry	-138.2	-138.4	-145.0	-127.4	-162.0	-137.6	-140.3	-132.0	-149.1	-151.2
NYC Ferry	0.0	-8.5	-9.6	-21.2	-51.6	-64.4	-63.9	-37.6	-49.5	-49.4
New York Total	**-5,148.7**	**-5,439.0**	**-5,962.0**	**-4,987.6**	**-5,236.2**	**-5,396.3**	**-8,816.1**	**-7,961.9**	**-8,120.3**	**-8,073.0**
NJ Bus										
New Jersey Transit Bus	-454.1	-482.5	-531.5	-437.4	-474.9	-522.9	-636.5	-825.2	-840.0	-797.8
NJ Independents	15.5	3.3	13.8	7.7	24.6	5.5	-5.8	-14.0	-14.9	-7.4
New Jersey Bus Total	**-438.6**	**-479.2**	**-517.6**	**-429.7**	**-450.3**	**-517.4**	**-642.3**	**-839.2**	**-854.9**	**-805.3**
NJ Rail Rapid Transit										
PATH	-70.2	-133.9	-19.9	-13.6	-17.0	-16.7	-15.4	-6.0	-5.8	-6.5
Light Rail/ Newark City Subway	-105.4	-111.9	-105.5	-117.7	-128.3	-132.8	-131.0	-140.0	-150.3	-166.4
NJ Rail Rapid Transit Total	**-175.6**	**-245.8**	**-125.4**	**-131.3**	**-145.3**	**-149.5**	**-146.4**	**-146.0**	**-156.1**	**-172.9**
NJ Suburban Rail										
NJ Suburban Rail Total	-362.0	-376.1	-382.9	-327.8	-400.9	-384.8	-594.6	-974.1	-993.0	-880.4
New Jersey Total	**-976.2**	**-1,101.1**	**-1,025.9**	**-888.8**	**-996.4**	**-1,051.7**	**-1,383.3**	**-1,959.2**	**-2,003.9**	**-1,858.6**
CT Bus										
CT Transit Bus	-44.2	-43.7	-48.5	-52.8	-49.0	-49.8	-55.6	-59.5	-65.3	-76.7
CT Private Bus	-25.8	-25.5	-26.1	-25.3	-24.3	-25.2	-29.0	-32.3	-33.4	-37.1
Connecticut Total	**-70.0**	**-69.2**	**-74.6**	**-78.0**	**-73.3**	**-75.0**	**-84.5**	**-91.8**	**-98.6**	**-113.8**
NY-NJ-CT Region Total	**-6,194.8**	**-6,609.3**	**-7,062.5**	**-5,954.5**	**-6,305.9**	**-6,523.0**	**-10,283.9**	**-10,012.9**	**-10,222.9**	**-10,045.5**

Source: New York Metropolitan Transportation Council

TABLE A-9 PUBLIC TRANSIT FLEET CHARACTERISTICS

Number of Vehicles Available for Maximum Service

Mode \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus										
MTA NYC Transit	4,365	4,466	4,457	4,483	4,487	4,738	4,482	4,627	5,065	4,723
MTA Bus Company	1,271	1,272	1,283	1,308	1,300	1,297	1,287	1,122	1,305	1,307
New York City Bus Total	**5,636**	**5,738**	**5,740**	**5,791**	**5,787**	**6,035**	**5,769**	**5,749**	**6,370**	**6,030**
New York Suburban Bus Total	**978**	**1,035**	**1,039**	**1,008**	**1,002**	**972**	**956**	**920**	**936**	**883**
Total Downstate NY Bus	**6,614**	**6,773**	**6,779**	**6,799**	**6,789**	**7,007**	**6,725**	**6,669**	**7,306**	**6,913**
NY Rail Rapid Transit										
NYC Rapid Rail Transit Total	**5,386**	**5,428**	**5,426**	**5,403**	**5,589**	**5,758**	**5,555**	**5,555**	**5,515**	**5,520**
NY Suburban Rail										
MTA Metro North	1,341	1,228	1,206	1,173	1,165	1,137	1,137	1,130	1,164	1,190
MTA Long Island Rail Road	1,185	1,185	1,185	1,183	1,030	1,185	1,227	1,253	1,265	1,291
NY Suburban Rail Total	**2,526**	**2,413**	**2,391**	**2,356**	**2,195**	**2,322**	**2,364**	**2,383**	**2,429**	**2,481**
New York Total	**14,526**	**14,614**	**14,596**	**14,558**	**14,573**	**15,087**	**14,644**	**14,607**	**15,250**	**14,914**
NJ Bus										
New Jersey Bus Total	**3,397**	**3,243**	**3,327**	**3,284**	**3,357**	**3,388**	**3,520**	**3,246**	**3,181**	**2,953**
NJ Rail Rapid Transit										
NJ Rail Rapid Transit Total	**438**	**433**	**443**	**443**	**442**	**442**	**442**	**442**	**440**	**484**
NJ Suburban Rail										
NJ Suburban Rail Total	**1,336**	**1,350**	**1,350**	**1,317**	**1,297**	**1,297**	**1,297**	**1,299**	**1,300**	**1,305**
New Jersey Total	**5,171**	**5,026**	**5,120**	**5,044**	**5,096**	**5,127**	**5,259**	**4,987**	**4,921**	**4,742**
NY-NJ-CT Region Total	**19,697**	**19,640**	**19,716**	**19,602**	**19,669**	**20,214**	**19,903**	**19,594**	**20,171**	**19,656**
Total Bus	**10,011**	**10,016**	**10,106**	**10,083**	**10,146**	**10,395**	**10,245**	**9,915**	**10,487**	**9,866**
Total Rail Cars	**9,686**	**9,624**	**9,610**	**9,519**	**9,523**	**9,819**	**9,658**	**9,679**	**9,684**	**9,790**

Source: National Transit Database - Federal Transit Administration

Table A-10 Regional Bus and Rail Equipment Characteristics 2023

Average Fleet Age

Agencies	Vehicles	Average Age
	NY Bus	
MTA NYC Transit	4,723.0	6.6
MTA Bus Company	1,307.0	9.7
New York City Bus	**6,030.0**	**7.3**
NICE Bus	289.0	5.5
Long Island Remainder	171.0	7.4
Westchester	325.0	7.1
Mid-Hudson New York	98.0	4.9
New York Suburban Bus	**883.0**	**6.4**
Downstate NY Bus	**6,913.0**	**7.2**
	NY Rail Rapid Transit	
MTA NYC Transit	5,459.0	26.8
MTA Staten Island Railway	61.0	52.0
NYC Rapid Rail Transit	**5,520.0**	**27.1**
	NY Suburban Rail	
MTA Metro North	1,190.0	20.1
MTA Long Island Rail Road	1,291.0	18.5
NY Suburban Rail	**2,481.0**	**19.3**
	NY Ferries	
Staten Island Ferry	6.0	24.9
NYC Ferry	38.0	5.0
	NJ Bus	
New Jersey Transit Bus	2,479.0	8.80
NJ Independents	474.0	6.91
New Jersey Bus	**2,953**	**8.5**
	NJ Rail Rapid Transit	
PATH	392.0	11.40
Light Rail/ Newark City Subway	92.0	20.92
NJ Rail Rapid Transit	**484**	**13.2**
	NJ Suburban Rail	
New Jersey Transit	**1,305.0**	**24.70**
	CT Bus	
CT Transit Bus	192.0	8.55
CT Private Bus	150.0	7.00
CT Bus	342	7.9

Source: National Transit Database - Federal Transit Administration

Table A-11 Annual Public Transit Farebox Recovery Ratio

Mode \ Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
NY Bus												
MTA NYC Transit	34.8%	34.2%	32.8%	32.7%	30.9%	34.1%	32.9%	31.5%	13.8%	18.5%	19.1%	18.1%
MTA Bus Company	34.6%	35.5%	31.7%	32.7%	30.9%	26.7%	30.0%	26.3%	13.4%	18.4%	20.6%	19.6%
New York City Bus Total	**34.8%**	**34.4%**	**32.6%**	**32.7%**	**30.9%**	**32.5%**	**32.3%**	**30.4%**	**13.8%**	**18.5%**	**19.4%**	**18.4%**
NICE Bus	41.9%	44.3%	42.5%	40.5%	39.5%	39.9%	36.2%	33.6%	17.4%	19.9%	20.7%	22.3%
Long Island Remainder	19.8%	19.9%	18.4%	17.3%	15.6%	15.0%	13.6%	13.0%	6.1%	6.3%	6.4%	6.2%
Westchester	37.6%	38.8%	38.0%	37.4%	37.3%	36.8%	30.2%	32.0%	11.9%	18.6%	13.0%	15.5%
Mid-Hudson New York	50.0%	48.8%	47.1%	44.4%	50.5%	45.2%	41.3%	40.6%	13.0%	6.6%	10.5%	12.5%
New York Suburban Bus Total	**38.3%**	**39.3%**	**37.9%**	**36.6%**	**36.6%**	**35.9%**	**31.3%**	**31.1%**	**13.0%**	**16.1%**	**14.4%**	**16.0%**
Total Downstate NY Bus	**35.1%**	**34.8%**	**33.1%**	**33.1%**	**31.4%**	**32.7%**	**32.2%**	**30.4%**	**13.7%**	**18.3%**	**18.9%**	**18.2%**
NY Rail Rapid Transit												
MTA NYC Transit	73.2%	63.6%	63.2%	63.7%	60.3%	73.1%	69.1%	70.0%	32.6%	35.3%	43.5%	44.7%
MTA Staten Island Railway	17.4%	17.0%	15.7%	16.3%	13.1%	12.4%	14.5%	14.7%	5.0%	4.1%	4.8%	4.8%
NYC Rapid Rail Transit Total	**72.6%**	**63.2%**	**62.7%**	**63.3%**	**59.7%**	**72.2%**	**68.5%**	**69.4%**	**32.3%**	**34.9%**	**43.3%**	**44.5%**
NY Suburban Rail												
MTA Metro North	62.5%	57.8%	56.3%	58.8%	59.9%	60.4%	58.8%	60.2%	20.2%	21.6%	33.1%	34.8%
MTA Long Island Rail Road	50.0%	51.9%	50.7%	54.3%	54.9%	53.8%	50.0%	51.0%	18.6%	20.1%	28.6%	26.6%
NY Suburban Rail Total	**55.6%**	**54.6%**	**53.3%**	**56.4%**	**57.3%**	**56.9%**	**54.0%**	**55.2%**	**19.3%**	**20.8%**	**30.6%**	**30.1%**
NY Ferries												
Staten Island Ferry	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NYC Ferry	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
New York Total	**54.3%**	**51.1%**	**50.0%**	**51.0%**	**49.0%**	**54.3%**	**52.0%**	**51.8%**	**22.5%**	**25.5%**	**31.4%**	**31.7%**
NJ Bus												
New Jersey Transit Bus	44.1%	42.8%	41.7%	42.4%	40.4%	44.6%	42.9%	40.2%	30.3%	15.9%	22.8%	26.6%
NJ Independents	106.7%	101.7%	96.2%	93.1%	97.3%	93.7%	93.2%	94.3%	69.7%	48.3%	64.9%	78.6%
New Jersey Bus Total	**56.4%**	**54.2%**	**52.7%**	**52.0%**	**50.3%**	**54.0%**	**52.3%**	**49.7%**	**33.9%**	**18.4%**	**26.6%**	**30.4%**
NJ Rail Rapid Transit												
PATH	40.4%	42.8%	40.3%	44.7%	43.1%	45.2%	42.7%	43.2%	15.9%	16.6%	23.6%	24.3%
Light Rail/ Newark City Subway	17.5%	16.3%	16.6%	16.1%	17.9%	16.0%	14.7%	14.6%	11.6%	5.8%	7.1%	6.8%
NJ Rail Rapid Transit Total	**33.6%**	**35.1%**	**34.4%**	**37.3%**	**37.0%**	**37.8%**	**35.6%**	**35.9%**	**14.8%**	**13.9%**	**19.4%**	**20.0%**
NJ Suburban Rail												
NJ Suburban Rail Total	58.1%	53.6%	54.2%	57.4%	56.9%	59.6%	55.2%	55.3%	39.4%	11.1%	21.9%	28.9%
New Jersey Total	**52.7%**	**50.3%**	**49.5%**	**51.0%**	**50.1%**	**52.6%**	**49.7%**	**48.7%**	**31.9%**	**14.6%**	**23.2%**	**27.5%**
CT Bus												
CT Transit Bus	23.5%	22.9%	22.3%	22.2%	19.3%	17.3%	18.0%	17.8%	12.2%	7.5%	9.2%	2.8%
CT Private Bus	26.7%	25.4%	26.9%	26.7%	24.8%	24.2%	23.5%	22.3%	16.1%	8.3%	9.9%	6.2%
Connecticut Total	**24.7%**	**23.8%**	**24.1%**	**23.9%**	**21.3%**	**19.6%**	**19.9%**	**19.4%**	**13.6%**	**7.8%**	**9.4%**	**3.9%**
NY-NJ-CT Region Total	**53.8%**	**50.8%**	**49.8%**	**50.8%**	**49.0%**	**53.7%**	**51.3%**	**51.0%**	**24.2%**	**23.3%**	**29.7%**	**30.8%**

Source: New York Metropolitan Transportation Council
N/A: Not available

Appendix B

MOTOR VEHICLES and RIVER CROSSINGS

Table B-1 Registered Vehicles by County

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	261,610	272,483	284,084	288,788	290,055	302,939	292,229	290,380	278,315	284,884
Kings	481,360	498,282	512,374	521,434	524,701	545,512	537,266	547,007	538,913	546,448
New York	251,822	254,159	256,017	254,572	250,270	260,954	254,174	249,304	243,198	245,523
Queens	793,422	808,122	830,603	841,513	837,319	873,725	843,119	826,156	821,497	835,917
Richmond	269,219	274,275	279,271	283,067	283,928	289,701	283,841	283,555	282,478	288,378
New York City	**2,057,433**	**2,107,321**	**2,162,349**	**2,189,374**	**2,186,273**	**2,272,831**	**2,210,629**	**2,196,402**	**2,164,401**	**2,201,150**
Dutchess	240,315	242,965	245,476	246,118	249,287	265,258	260,668	267,557	250,978	254,556
Nassau	966,701	1,009,891	1,017,835	1,022,203	1,026,684	1,058,078	1,037,048	1,017,753	1,024,028	1,035,799
Orange	286,763	291,506	294,485	296,330	300,016	319,799	313,571	325,009	457,735	311,123
Putnam	90,458	91,641	92,260	92,432	93,114	97,796	95,882	97,938	92,969	94,343
Rockland	216,192	218,941	220,834	221,140	222,179	230,055	226,320	223,671	221,250	228,462
Suffolk	1,246,754	1,265,038	1,277,051	1,284,286	1,293,276	1,355,202	1,329,433	1,321,431	1,315,246	1,334,416
Westchester	663,392	671,942	676,971	678,296	680,396	702,089	688,771	671,493	673,239	684,957
New York Suburban	**3,710,575**	**3,791,924**	**3,824,912**	**3,840,805**	**3,864,952**	**4,028,277**	**3,951,693**	**3,924,852**	**4,035,445**	**3,943,656**
New York Downstate Total	**5,768,008**	**5,899,245**	**5,987,261**	**6,030,179**	**6,051,225**	**6,301,108**	**6,162,322**	**6,121,254**	**6,199,846**	**6,144,806**
Percentage to U.S. Total	**2.2%**	**2.2%**	**2.2%**	**2.2%**	**2.2%**	**2.3%**	**2.2%**	**2.2%**	**2.2%**	**2.2%**
Bergen	741,600	758,195	765,758	729,928	733,055	704,946	727,119	694,259	694,873	704,234
Essex	564,675	580,167	593,457	478,894	481,618	479,589	477,710	468,804	484,420	492,066
Hudson	328,689	340,433	345,759	299,975	301,766	294,110	294,811	293,894	306,353	303,464
Middlesex	655,796	675,762	681,313	634,146	637,663	617,253	638,553	602,372	610,657	625,025
Monmouth	557,099	571,232	574,036	564,410	567,301	545,514	568,680	537,615	538,303	550,218
Morris	474,692	493,240	479,925	427,381	428,265	410,506	432,357	400,331	401,154	413,365
Passaic	372,558	383,618	388,257	355,841	357,726	350,135	357,854	340,965	348,125	358,624
Somerset	287,430	295,090	297,704	264,828	266,003	254,143	268,027	246,172	248,243	256,375
Union	420,042	431,854	437,857	417,131	419,315	409,701	418,825	400,886	412,718	421,938
New Jersey Total	**4,402,581**	**4,529,591**	**4,564,066**	**4,172,534**	**4,192,712**	**4,065,897**	**4,183,936**	**3,985,298**	**4,044,846**	**4,125,309**
Percentage to U.S. Total	**1.7%**	**1.7%**	**1.7%**	**1.5%**	**1.5%**	**1.5%**	**1.5%**	**1.4%**	**1.4%**	**1.4%**
U.S. Total	**260,350,938**	**263,610,219**	**268,799,083**	**272,480,899**	**273,602,100**	**276,491,170**	**275,924,440**	**281,185,492**	**282,174,766**	**284,614,269**

Sources: New York State Department of Motor Vehicles
New Jersey Department of Environmental Protection

Table B-2 Registered Passenger Vehicles by County

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	233,854	241,115	247,957	249,216	248,120	250,667	245,033	256,663	243,648	244,141
Kings	429,873	442,691	453,515	457,980	456,759	456,210	450,865	478,255	470,571	474,251
New York	224,995	226,785	227,709	225,179	221,180	217,437	213,778	225,415	218,767	218,308
Queens	696,009	711,553	722,850	725,906	721,426	714,615	700,628	722,994	717,531	720,863
Richmond	253,310	257,320	261,632	264,760	264,983	262,961	258,406	264,400	264,237	269,067
New York City	**1,838,041**	**1,879,464**	**1,913,663**	**1,923,041**	**1,912,468**	**1,901,890**	**1,868,710**	**1,947,727**	**1,914,754**	**1,926,630**
Dutchess	210,336	212,262	215,054	216,606	218,590	216,447	213,858	218,582	220,604	223,781
Nassau	925,198	936,087	943,029	947,754	951,026	937,255	920,837	937,066	949,721	958,906
Orange	247,454	250,922	253,840	256,125	258,634	256,949	253,563	261,760	265,118	269,997
Putnam	79,800	80,536	81,115	81,473	81,988	80,452	79,106	80,260	81,850	82,960
Rockland	197,576	199,390	201,022	201,531	202,196	200,375	197,112	201,383	203,798	207,487
Suffolk	1,101,082	1,115,124	1,126,036	1,135,036	1,141,238	1,128,679	1,113,055	1,144,043	1,165,038	1,182,373
Westchester	610,267	617,180	622,066	624,168	625,279	617,854	607,633	615,426	620,117	630,701
New York Suburban	**3,371,713**	**3,411,501**	**3,442,162**	**3,462,693**	**3,478,951**	**3,438,011**	**3,385,164**	**3,458,520**	**3,506,246**	**3,556,205**
New York Downstate Total	**5,209,754**	**5,290,965**	**5,355,825**	**5,385,734**	**5,391,419**	**5,339,901**	**5,253,874**	**5,406,247**	**5,421,000**	**5,482,835**

Source: New York State Department of Motor Vehicles

Table B-3 Passenger Vehicles Registration Per 100 Population

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	16.5	16.9	17.0	17.0	17.3	17.5	17.2	17.5	16.9	17.2
Kings	16.7	17.1	17.2	17.3	17.6	17.6	17.5	17.6	17.6	17.9
New York	13.9	13.9	13.9	14.0	13.5	13.3	13.1	13.5	13.3	13.4
Queens	30.5	30.9	31.0	30.8	31.4	31.2	30.9	30.2	30.4	30.9
Richmond	53.7	54.5	55.0	55.2	55.9	55.4	54.3	53.6	53.6	54.6
New York City	**26.3**	**26.6**	**22.4**	**22.3**	**22.6**	**22.6**	**22.3**	**22.3**	**22.2**	**22.6**
Dutchess	70.7	71.5	73.0	73.3	74.4	73.7	72.9	73.8	74.4	75.3
Nassau	68.5	69.1	69.3	69.2	70.1	69.1	67.9	67.3	68.4	69.1
Orange	66.1	66.8	66.9	67.0	68.4	67.6	66.4	65.7	66.1	66.9
Putnam	80.0	81.0	82.0	82.0	82.8	81.4	80.1	81.9	83.6	84.7
Rockland	62.1	62.2	61.5	61.3	62.5	61.8	60.6	59.8	60.4	61.2
Suffolk	73.4	74.3	75.4	76.0	76.7	76.1	75.1	75.1	76.4	77.5
Westchester	63.4	63.8	63.8	63.7	64.5	63.8	62.7	61.6	62.1	63.3
New York Suburban	**69.2**	**69.8**	**69.8**	**70.0**	**70.9**	**70.1**	**69.0**	**68.6**	**69.5**	**70.4**
New York Downstate Total	**47.7**	**48.2**	**39.8**	**39.7**	**40.4**	**40.1**	**39.5**	**39.2**	**39.7**	**40.4**

Sources: New York State Department of Motor Vehicles
American Community Survey - US Census Bureau
New York Metropolitan Transportation Council

Table B-4 Annual Motor Vehicle Registrations In New York Counties 2023

County \ Vehicle Type	Passenger	Commercial	Trailer	Motorcycle	Moped	Bus	Taxi	Ambulance	Rental	Farm	County Total
Bronx	244,141	8,932	1,342	8,169	324	441	20,500	307	728	0	284,884
Kings	474,251	16,101	1,726	12,102	3,959	4,725	31,722	1,120	740	2	546,448
New York	218,308	9,717	969	8,306	346	235	6,626	305	705	6	245,523
Queens	720,863	31,369	3,523	17,393	719	1,630	42,180	367	17,832	41	835,917
Richmond	269,067	6,363	1,948	5,633	120	974	3,799	153	320	1	288,378
New York City	**1,926,630**	**72,482**	**9,508**	**51,603**	**5,468**	**8,005**	**104,827**	**2,252**	**20,325**	**50**	**2,201,150**
Dutchess	223,781	13,637	7,908	7,929	91	261	344	81	397	127	254,556
Nassau	958,906	36,742	10,879	16,988	527	2,013	6,313	428	2,993	10	1,035,799
Orange	269,997	18,093	10,003	9,765	115	1,007	934	119	653	437	311,123
Putnam	82,960	5,022	2,860	3,174	47	6	185	18	56	15	94,343
Rockland	207,487	8,882	3,633	4,285	108	1,142	2,326	199	394	6	228,462
Suffolk	1,182,373	77,135	33,801	30,421	942	3,578	3,072	199	2,497	398	1,334,416
Westchester	630,701	27,552	6,869	12,850	374	1,535	3,590	231	1,238	17	684,957
New York Suburban	**3,556,205**	**187,063**	**75,953**	**85,412**	**2,204**	**9,542**	**16,764**	**1,275**	**8,228**	**1,010**	**3,943,656**
Grand Total	**5,482,835**	**259,545**	**85,461**	**137,015**	**7,672**	**17,547**	**121,591**	**3,527**	**28,553**	**1,060**	**6,144,806**

Source: New York State Department of Motor Vehicles

Table B-5 Major Vehicular River Crossings Daily Traffic

Bridge \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Kingston-Rhinecliff Bridge	21,183	21,625	22,518	22,772	22,839	22,238	19,525	21,119	21,958	22,267
Mid-Hudson Bridge	37,852	39,021	40,294	40,261	40,519	41,241	34,647	38,047	41,503	41,605
Newburgh-Beacon Bridge	67,696	68,594	73,526	74,218	74,784	49,965	39,923	44,126	45,677	50,311
Bear Mountain Bridge	19,147	20,374	21,960	21,801	21,744	20,675	17,014	19,350	19,601	20,578
Gov Mario M. Cuomo Bridge	138,548	138,586	145,680	148,278	152,040	156,178	124,788	143,122	148,153	157,258
Verrazzano-Narrows Bridge	187,438	198,123	202,523	201,647	182,155	182,155	178,781	211,811	219,453	224,351
New York <-> New York	**471,864**	**486,323**	**506,501**	**508,978**	**494,080**	**472,452**	**414,678**	**477,575**	**496,345**	**516,370**
George Washington Bridge	280,784	295,120	289,827	282,493	283,686	279,933	233,819	266,964	271,338	272,160
Lincoln Tunnel	109,796	113,783	112,995	104,436	105,665	101,601	78,461	100,010	109,575	106,696
Holland Tunnel	87,232	89,367	89,792	81,280	84,426	84,727	62,808	75,730	80,490	85,957
New Jersey <-> New York	**477,812**	**498,270**	**492,614**	**468,209**	**473,777**	**466,261**	**375,087**	**442,704**	**461,403**	**464,813**
Hudson River Total	**949,676**	**984,593**	**999,115**	**977,187**	**967,857**	**938,713**	**789,765**	**920,279**	**957,748**	**981,183**
Bayonne Bridge	15,166	10,840	9,025	9,257	9,418	31,397	26,248	30,008	32,476	35,251
Goethals Bridge	70,419	78,605	82,852	86,451	85,999	71,662	63,529	68,239	70,664	71,476
Outerbridge Crossing	70,033	73,773	77,107	84,290	83,777	80,413	68,657	71,658	70,877	68,415
Arthur Kill/ Kill Van Kull Total	**155,618**	**163,218**	**168,984**	**179,998**	**179,194**	**183,472**	**158,434**	**169,905**	**174,017**	**175,142**
Hugh L. Carey Tunnel	54,007	57,299	54,076	53,319	48,580	57,307	45,766	59,201	65,089	66,507
Brooklyn Bridge	99,986	102,219	105,679	115,981	136,949	116,071	97,037	110,939	116,382	72,516
Manhattan Bridge	84,048	87,046	85,084	80,273	75,862	67,851	69,181	68,098	70,407	71,553
Williamsburg Bridge	111,634	105,206	105,645	105,409	84,867	85,297	71,310	81,526	85,526	76,731
Queens-Midtown Tunnel	86,081	86,217	73,470	77,391	78,955	85,971	59,332	74,702	84,021	85,198
Ed Koch Queensboro Bridge	174,239	174,447	170,277	168,949	145,705	160,111	136,737	153,315	142,447	136,950
RFK Bridge (Manhattan)	91,509	91,724	95,552	64,113	89,598	90,406	75,581	86,409	90,649	90,388
RFK Bridge (Bronx Plaza)	82,084	84,220	83,053	115,254	84,568	145,562	113,899	134,046	139,291	144,822
Bronx-Whitestone Bridge	104,509	109,862	124,337	126,915	115,713	136,490	108,823	133,569	140,597	137,460
Throgs Neck Bridge	112,548	116,658	119,249	119,267	116,060	119,867	94,625	101,454	107,530	116,590
East River Total	**1,000,645**	**1,014,898**	**1,016,422**	**1,026,871**	**976,857**	**1,064,932**	**872,290**	**1,003,259**	**1,041,939**	**998,715**
Willis Ave. Br. (Northbound)	67,951	63,912	62,293	60,325	61,811	61,687	48,146	54,042	55,086	60,926
Third Ave. Br. (Southbound)	58,447	55,988	55,096	51,717	42,880	43,519	50,674	56,880	57,979	51,418
Madison Avenue Bridge	41,340	40,432	44,338	48,534	47,865	48,578	34,805	39,068	39,823	33,737
145th Street Bridge	28,357	27,097	29,315	30,004	25,067	27,604	20,990	24,640	24,122	27,108
Macombs Dam Bridge	38,417	38,556	38,183	35,292	34,805	35,055	27,360	30,711	35,812	34,622
Alexander Hamilton Bridge	178,809	178,407	177,853	169,454	151,342	152,036	134,782	144,775	149,919	136,122
Washington Avenue Bridge	52,537	54,006	57,647	55,305	53,411	56,117	40,614	47,677	46,676	52,451
University Heights Bridge	37,791	38,513	40,078	37,268	35,340	24,728	19,300	21,664	24,058	24,423
Broadway Bridge	34,239	33,897	36,027	36,616	29,810	30,254	23,613	26,505	27,017	29,881
Henry Hudson Bridge	58,809	62,554	62,648	72,441	92,836	93,673	78,312	89,532	93,925	93,654
Harlem River Total	**596,697**	**593,362**	**603,478**	**596,956**	**575,167**	**573,251**	**478,596**	**535,494**	**554,417**	**544,342**
Grand Total	**2,702,636**	**2,756,071**	**2,787,999**	**2,781,011**	**2,699,075**	**2,760,367**	**2,299,085**	**2,628,937**	**2,728,121**	**2,699,382**

Sources: 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-6 Major River Crossing Daily Truck Traffic

Bridge \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Kingston-Rhinecliff Bridge	627	647	649	N/A	1,057	1,023	906	980	1,019	1,032
Mid-Hudson Bridge	1,099	1,135	1,154	N/A	1,722	1,623	1,400	1,538	1,677	1,637
Newburgh-Beacon Bridge	7,272	7,376	7,610	N/A	10,625	6,947	6,148	6,547	6,504	6,995
Bear Mountain Bridge	332	353	422	N/A	833	508	427	485	488	505
Gov. Mario M. Cuomo Bridge	10,194	10,790	N/A	N/A	21,601	21,714	19,218	16,972	17,568	21,865
Verrazzano-Narrows Bridge	11,704	12,368	12,652	N/A	19,649	17,608	14,290	18,347	18,890	18,777
New York <-> New York	**31,228**	**32,668**	**22,487**	**-**	**55,486**	**49,423**	**42,389**	**44,869**	**46,146**	**50,811**
George Washington Bridge	27,998	31,828	30,192	N/A	30,601	29,113	20,242	21,300	22,486	23,940
Lincoln Tunnel	5,716	7,103	8,523	N/A	2,496	2,642	4,224	4,770	5,368	5,998
Holland Tunnel	2,444	3,924	3,695	N/A	9,107	8,812	1,772	1,840	2,002	2,406
New Jersey <-> New York	**36,158**	**42,855**	**42,410**	**-**	**42,204**	**40,566**	**26,238**	**27,910**	**29,856**	**32,344**
Hudson River Total	**67,386**	**75,523**	**64,897**	**-**	**97,690**	**89,989**	**68,627**	**72,779**	**76,002**	**83,155**
Bayonne Bridge	1,228	503	500	N/A	1,023	2,483	980	1,088	1,178	1,090
Goethals Bridge	6,288	8,733	8,457	N/A	9,277	7,675	7,630	9,074	9,348	8,682
Outerbridge Crossing	4,308	5,159	5,065	N/A	1,979	2,091	3,892	4,066	4,006	3,876
Arthur Kill/ Kill Van Kull Total	**11,824**	**14,395**	**14,022**	**-**	**12,278**	**12,249**	**12,502**	**14,228**	**14,532**	**13,648**
Hugh L. Carey Tunnel	750	773	747	N/A	5,240	5,960	3,756	4,188	4,523	4,527
Queens-Midtown Tunnel	2,409	2,435	2,105	N/A	8,517	12,071	5,780	6,470	7,230	6,933
RFK Bridge (Bronx & Manhattan)	12,427	13,379	13,551	N/A	11,396	11,429	10,131	10,883	11,269	11,202
Bronx-Whitestone Bridge	7,208	7,918	8,926	N/A	12,482	8,871	9,972	10,712	11,114	10,657
Throgs Neck Bridge	13,302	13,929	14,178	N/A	12,519	8,941	15,135	15,950	16,451	16,066
East River Total	**36,096**	**38,434**	**39,507**	**-**	**50,155**	**47,272**	**44,774**	**48,203**	**50,587**	**49,385**
Grand Total	**115,306**	**128,352**	**118,426**	**-**	**160,123**	**149,510**	**125,903**	**135,210**	**141,121**	**146,188**

Sources: 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

N/A: Not available

Table B-7 Annual Average Daily Traffic Volumes For NYCDOT Monitored Bridges

Bridge \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Brooklyn	99,986	102,219	105,679	117,007	119,735	121,940	114,186	104,862	107,032	107,237
Manhattan	84,048	87,046	85,084	80,273	75,862	67,851	69,181	69,098	70,407	71,553
Ed Koch Queensboro	174,239	174,447	170,277	168,822	145,705	160,111	136,737	153,315	142,447	136,950
Williamsburg	111,634	105,206	105,645	105,409	104,536	128,266	85,411	91,040	92,520	87,298
East River Bridges Total	**469,907**	**468,918**	**466,685**	**471,511**	**445,838**	**478,168**	**405,515**	**418,315**	**412,406**	**403,038**
Alexander Hamilton	178,809	178,407	177,853	169,454	154,540	151,987	148,153	138,437	135,212	129,871
Broadway	34,239	33,897	36,027	36,616	34,177	35,984	30,227	35,056	33,814	31,594
Macombs Dam	38,417	38,556	38,183	38,866	35,765	35,109	35,109	34,450	36,318	38,422
Madison Avenue	41,340	40,432	44,338	43,023	42,136	43,799	40,485	37,396	32,696	29,996
Third Avenue	58,447	55,988	55,096	52,180	58,222	58,471	57,619	56,015	51,420	53,814
University Heights	37,791	38,513	40,078	37,268	36,640	39,739	38,893	39,336	37,636	35,835
Washington	52,537	54,006	57,647	56,781	61,471	53,411	54,177	47,235	54,819	55,752
Willis Avenue	67,951	63,912	62,293	60,515	66,906	61,687	56,580	64,403	69,611	40,743
145th Street	28,357	27,097	29,315	29,898	29,933	30,521	19,005	26,420	24,731	26,168
Harlem River Bridges Total	**537,888**	**530,808**	**540,830**	**524,601**	**519,790**	**510,708**	**480,248**	**478,748**	**476,257**	**442,195**
Grand Street	13,662	12,546	10,213	15,135	12,769	13,501	12,854	12,643	8,222	11,152
J.J. Byrne Memorial Bridge	27,836	28,361	31,622	28,541	29,533	29,331	16,137	24,103	27,572	26,347
Kosciuszko	184,025	179,137	162,581	183,518	190,689	177,775	192,402	168,273	177,981	166,198
Pulaski	40,405	40,485	40,722	42,966	43,000	41,207	32,950	17,607	36,206	38,714
Brooklyn <-> Queens Total	**265,928**	**260,529**	**245,138**	**270,160**	**275,991**	**261,814**	**254,343**	**222,626**	**249,981**	**242,411**
City Island	15,915	15,292	14,473	15,253	14,609	16,480	11,506	16,029	16,247	16,789
East 174th Street	16,144	16,556	17,701	17,854	18,745	17,161	9,927	17,831	15,522	18,197
Eastchester	24,071	22,317	21,761	25,627	22,689	22,738	22,363	20,801	17,381	16,179
Eastern Boulevard	176,945	177,999	183,090	174,470	190,780	173,757	* 151,891	108,643	* 106,617	130,487
Hutchinson River Pky	121,281	124,390	126,171	124,655	99,579	120,866	101,046	133,396	129,480	127,787
Pelham	18,117	17,241	16,840	20,259	20,553	21,334	13,597	19,667	21,978	21,257
Unionport	62,715	62,410	63,024	62,601	58,684	68,184	* 59,603	18,787	* 18,437	33,384
Westchester Avenue	25,204	26,011	24,747	24,935	22,998	24,216	* 21,169	24,609	25,345	23,701
Bronx Bridges Total	**460,392**	**462,216**	**467,807**	**465,654**	**448,637**	**464,736**	**391,102**	**359,763**	**351,007**	**387,781**
Carroll Street	1,106	1,238	1,142	834	1,210	1,153	1,010	914	1,125	1,696
Cropsey Avenue	33,373	33,433	35,557	34,390	34,878	38,084	25,702	33,795	29,701	32,525
Hamilton Avenue	54,250	55,266	55,584	58,249	54,715	52,283	53,782	52,166	46,689	51,638
Metropolitan Avenue	39,620	38,191	35,687	38,352	39,273	41,618	33,137	37,440	40,014	39,700
Mill Basin	141,150	141,303	137,226	141,252	156,980	146,298	126,555	160,468	151,785	158,194
Ninth Street	11,020	11,549	10,441	11,804	12,275	10,994	7,587	9,867	10,202	9,910
Stillwell Avenue	8,569	8,917	9,353	9,743	10,643	9,321	7,193	7,324	5,997	11,131
Third Avenue	18,227	18,179	17,754	17,965	18,260	18,221	9,977	16,654	14,837	18,389
Third Street	10,299	11,160	10,467	11,864	11,444	11,113	7,625	8,926	8,250	11,526
Union Street	4,777	4,358	3,910	3,873	3,826	3,442	3,560	3,878	2,646	3,901
Brooklyn Bridges Total	**322,391**	**323,594**	**317,121**	**328,326**	**343,504**	**332,527**	**276,128**	**331,432**	**311,246**	**338,610**
Borden Avenue	13,274	13,615	14,863	16,624	14,609	14,734	10,529	13,931	13,555	15,450
Flushing	52,437	53,778	53,025	53,647	53,620	53,002	38,012	49,939	51,497	55,680
Rockaway Boulevard	73,993	75,001	75,716	80,112	76,783	75,730	* 66,200	73,314	63,189	73,562
Hunters Point	7,960	7,598	8,044	7,607	8,988	7,890	5,018	3,188	4,935	6,357
Joseph P. Addabbo	24,854	25,025	25,874	28,430	29,576	27,615	25,977	28,450	25,947	26,331
Little Neck	47,825	48,337	47,954	48,800	47,287	41,931	32,727	35,976	33,456	33,041
Midtown Highway	87,878	84,989	83,342	84,919	83,689	87,413	69,427	77,140	79,881	79,456
Rikers Island	13,578	13,780	14,817	15,248	15,257	14,389	11,714	11,747	11,512	6,518
Roosevelt Avenue	16,352	17,834	15,964	17,520	16,391	17,683	* 15,458	13,370	17,731	15,919
Roosevelt Island	8,212	8,583	8,393	8,528	8,213	8,947	5,743	9,259	8,976	9,409
Whitestone Expressway	204,401	208,962	218,227	215,344	187,733	170,859	164,043	220,084	190,110	213,828
Queens Bridges Total	**550,764**	**557,502**	**566,219**	**576,779**	**542,146**	**520,193**	**444,848**	**536,398**	**500,789**	**535,551**
Fresh Kills	59,602	57,538	60,684	56,579	54,188	60,949	46,057	48,495	49,413	54,562
Staten Island Bridge Total	**59,602**	**57,538**	**60,684**	**56,579**	**54,188**	**60,949**	**46,057**	**48,495**	**49,413**	**54,562**
Grand Total	**2,666,872**	**2,661,105**	**2,664,484**	**2,693,610**	**2,630,094**	**2,629,095**	**2,298,240**	**2,395,777**	**2,351,099**	**2,404,148**

Sources: New York City Department of Transportation
New York State Department of Transportation

* Value for unavailable data estimated based on year-over-year change of other bridges for that same year.

Appendix C

COMMUTING

Table C-1 Share of Total Central Business District (CBD) Entries by Mode for Morning Peak Hour and Peak Period

YEAR	AUTO, TAXI, VAN, TRUCK		PUBLIC TRANS-PORTATION		TOTAL SHARE	
	8-9 AM	7-10 AM	8-9 AM	7-10 AM	8-9 AM	7-10 AM
1960	8.6%	23.1%	32.2%	59.4%	25.3%	48.5%
1963	8.8%	22.7%	31.2%	58.2%	25.1%	48.4%
1973	8.0%	22.2%	31.4%	60.6%	24.3%	48.6%
1974	8.1%	22.8%	31.6%	59.5%	24.8%	48.8%
1975	8.1%	22.4%	30.1%	59.0%	24.3%	48.4%
1976	8.1%	22.2%	31.9%	59.6%	24.5%	47.9%
1977	8.3%	22.9%	32.3%	60.6%	24.8%	48.8%
1978	8.0%	22.5%	30.6%	58.7%	23.5%	47.5%
1979	8.1%	22.4%	30.8%	59.0%	23.8%	47.7%
1980	8.5%	23.1%	31.7%	60.2%	24.6%	48.8%
1981	8.4%	23.4%	31.1%	60.0%	23.9%	48.8%
1982	8.5%	23.4%	30.9%	59.3%	23.7%	47.9%
1983	8.4%	23.5%	30.3%	59.0%	23.2%	47.0%
1984	8.2%	23.1%	31.1%	59.9%	23.3%	47.4%
1985	7.9%	22.2%	30.5%	59.9%	22.6%	46.7%
1986	7.8%	22.1%	27.7%	56.7%	21.0%	45.1%
1987	7.8%	22.0%	26.6%	56.3%	20.2%	44.6%
1988	7.7%	21.6%	26.4%	56.0%	20.1%	44.5%
1989	7.6%	21.6%	27.1%	56.6%	20.8%	45.2%
1990	7.0%	19.9%	25.6%	54.2%	19.4%	42.7%
1991	6.9%	19.8%	25.9%	54.1%	19.6%	42.6%
1992	6.8%	19.5%	25.2%	53.9%	18.9%	42.1%
1993	6.6%	19.2%	24.8%	52.8%	18.7%	41.5%
1994	6.7%	19.5%	24.0%	52.0%	18.3%	41.3%
1995	6.7%	19.3%	23.8%	51.3%	18.1%	40.6%
1996	7.0%	19.9%	23.8%	50.9%	18.2%	40.6%
1997	7.3%	19.9%	23.3%	50.3%	17.6%	39.3%
1998	7.1%	20.0%	22.8%	48.9%	17.2%	38.5%
2000	7.4%	20.2%	22.0%	49.4%	17.0%	39.5%
2001	6.2%	17.9%	21.5%	48.1%	17.1%	39.4%
2002	6.6%	19.3%	21.3%	47.2%	16.8%	38.5%
2003	7.0%	20.2%	21.5%	47.2%	16.7%	38.3%
2004	6.6%	19.5%	20.8%	45.6%	16.2%	37.3%
2005	6.6%	19.0%	19.9%	45.2%	16.1%	37.7%
2006	6.6%	19.1%	19.5%	43.9%	15.8%	36.8%
2007	6.4%	18.8%	20.6%	45.6%	16.8%	38.4%
2008	6.7%	19.2%	20.0%	44.4%	16.7%	38.1%
2009	6.6%	18.9%	19.5%	43.5%	16.0%	36.9%
2010	6.7%	19.7%	19.1%	43.2%	15.7%	36.7%
2011	6.6%	19.0%	19.7%	44.0%	16.3%	37.4%
2012	6.4%	18.7%	19.3%	43.5%	16.0%	37.3%
2013	6.5%	18.5%	19.6%	43.5%	16.3%	37.3%
2014	6.3%	18.3%	19.1%	43.5%	16.0%	37.4%
2015	6.3%	18.2%	18.9%	42.8%	16.0%	37.0%
2016	6.1%	17.8%	19.0%	42.9%	16.0%	37.1%
2017	6.0%	17.7%	18.8%	42.7%	15.9%	37.0%
2018	5.9%	17.5%	19.1%	43.0%	16.1%	37.1%
2019	6.0%	17.7%	19.3%	43.7%	16.1%	37.5%
2020	7.0%	19.9%	12.2%	31.7%	9.9%	26.5%
2021	6.4%	18.7%	15.0%	36.0%	12.3%	30.0%
2022	6.2%	18.1%	17.2%	39.6%	14.0%	33.3%
2023	6.2%	17.8%	16.1%	39.0%	13.3%	33.0%

Source: Hub Bound Travel Data - NYMTC

* Data for 1999 were lost following the events of 9/11/01.
* Percentages are expressed as Peak Period share of Motor Vehicle Riders to 24 hour Rider count and Peak Period share of Passengers via Public Transportation to 24 hour Passenger count.

Table C-2 Total People Entering The CBD During Peak Hours and CBD Employment

YEAR	24 HOURS	PEAK PERIOD 7-10 AM	PEAK HOUR 8-9 AM	CBD EMPLOY-MENT*
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
2016	3,909,998	1,448,039	625,878	1,970,000

YEAR	24 HOURS	PEAK PERIOD 7-10 AM	PEAK HOUR 8-9 AM	CBD EMPLOY-MENT*
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
2016	3,909,998	1,448,039	625,878	1,970,000
2017	3,885,608	1,433,954	615,885	1,969,000
2018	3,841,968	1,420,851	614,967	1,968,000
2019	3,855,708	1,443,555	619,503	2,177,000
2020	1,688,304	444,871	166,395	2,185,000
2021	2,365,417	714,775	288,520	2,199,000
2022	2,776,385	920,123	385,538	2,212,000
2023	2,899,287	944,168	380,082	2,226,000

Sources: NYMTC Estimate is based on Traffic Analysis Zones (TAZ) forecast data interpolated to year 2016.

* 2011-2016 Employment data have been revised due to some changes in estimate's methodology and therefore it may not be comparable with previous years.

N/A Not available. Data for 1999 were lost following the events of 9/11/01.

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	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
	2016	22.7	18.5	6.0	31.6	56.4	75.6	68.7	74.9	74.4	70.3	79.3	58.0
	2017	23.9	18.6	6.5	31.9	55.1	78.0	69.3	78.4	75.4	71.1	80.3	56.5
	2018	23.5	18.8	5.7	32.8	56.6	76.9	67.5	77.1	75.2	74.1	80.5	57.6
	2019	22.6	18.6	5.7	32.6	54.2	74.5	68.1	80.0	76.0	72.6	79.3	57.3
	2020	24.2	18.3	5.8	55.8	32.5	75.3	66.4	74.7	73.8	70.5	78.1	55.6
	2021	23.5	17.8	5.6	31.9	50.8	70.3	60.9	69.0	66.5	65.6	71.7	48.7
	2022	23.7	18.2	6.1	31.4	52.4	69.4	61.4	73.4	66.6	63.5	71.7	50.8
	2023	24.0	17.8	5.5	30.8	51.7	68.0	62.5	72.3	67.0	63.7	73.3	52.4
Carpool	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
	2016	4.6	4.3	1.8	6.6	7.7	7.8	7.2	9.4	10.0	11.3	8.0	7.8
	2017	4.2	4.1	2.2	6.3	9.2	7.0	6.9	7.8	7.9	9.0	6.8	8.3
	2018	4.5	4.0	1.8	5.7	7.5	6.3	7.7	7.1	8.1	8.7	7.0	7.9
	2019	3.4	4.0	1.6	6.0	8.2	7.4	6.6	6.8	8.1	8.8	7.6	7.7
	2020	4.4	4.1	1.9	7.8	6.3	7.1	7.2	8.0	8.9	9.1	7.7	7.8
	2021	4.2	3.8	3.8	6.4	8.4	5.4	7.0	6.7	9.6	8.4	4.8	6.0
	2022	4.3	4.0	1.2	6.5	9.7	6.7	7.5	4.5	10.2	9.3	7.8	7.4
	2023	3.5	3.5	0.9	6.4	9.9	8.2	6.8	6.0	10.5	9.7	7.0	7.4
Public Transportation	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
	2016	60.2	61.8	59.2	52.0	30.1	5.1	16.6	8.5	5.2	8.7	6.4	22.4
	2017	59.8	61.0	58.7	50.8	28.9	5.0	16.2	7.8	5.9	9.3	6.1	23.8
	2018	58.4	60.7	59.9	51.4	29.6	6.3	17.3	9.0	5.1	7.3	6.4	22.8
	2019	61.2	61.0	57.5	50.2	30.4	4.9	16.8	6.8	5.6	6.9	6.6	23.8
	2020	57.4	57.8	54.9	28.0	48.2	4.8	16.0	7.8	5.1	7.8	6.0	21.8
	2021	49.1	37.2	34.5	35.0	18.8	2.7	8.5	4.8	3.3	4.3	3.1	12.2
	2022	52.7	45.5	43.9	42.1	23.3	3.3	13.0	5.4	5.1	5.2	4.6	16.8
	2023	52.7	51.8	49.2	44.6	24.6	3.7	14.0	6.4	3.9	7.4	6.1	18.6
Work at Home	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
	2016	3.2	4.1	6.9	2.5	2.5	5.7	3.8	5.2	4.9	4.8	3.6	5.1
	2017	2.8	4.6	7.0	2.9	2.3	5.3	3.8	4.5	4.8	4.5	4.2	5.5
	2018	3.4	4.6	7.4	2.9	2.9	6.5	4.4	5.0	5.2	5.1	4.0	5.4
	2019	2.7	4.8	7.6	3.2	3.4	7.7	5.1	3.8	5.9	6.3	3.8	5.7
	2020	4.4	7.9	12.0	4.4	5.4	7.9	7.1	7.6	6.7	7.0	5.5	8.9
	2021	12.0	28.2	36.5	17.7	16.7	17.8	20.0	16.1	15.8	16.3	15.3	27.4
	2022	7.8	18.9	24.6	11.7	10.2	15.7	14.3	14.8	12.0	15.4	12.6	18.0
	2023	8.0	15.7	18.3	10.4	9.2	14.3	11.9	9.3	11.5	13.0	10.3	15.2
Taxicab, Motorcycle	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
	2016	1.4	1.0	3.6	1.0	0.8	0.8	0.9	0.5	1.7	1.5	0.9	1.4
	2017	1.4	1.3	3.3	1.1	0.9	0.3	0.8	0.8	1.2	2.2	0.9	1.4
	2018	2.3	1.4	3.5	1.3	0.5	1.1	0.7	0.4	2.1	1.4	0.9	1.1
	2019	2.2	1.3	3.5	1.3	1.2	1.9	1.1	1.1	0.9	2.2	1.2	0.9
	2020	1.8	1.5	3.5	1.1	1.3	1.3	0.9	0.7	1.7	2.0	1.3	1.4
	2021	3.3	2.5	3.0	2.1	2.1	1.1	1.6	0.9	1.7	2.7	1.5	2.1
	2022	2.8	2.4	3.8	2.4	1.4	1.4	1.8	0.9	2.2	2.6	1.8	2.9
	2023	3.4	1.9	2.7	1.6	1.5	1.5	1.2	0.3	3.0	3.4	1.5	2.0
Walk, Bicycle	2014	8.3	10.0	22.3	6.2	3.0	4.8	3.0	1.3	4.2	3.7	1.7	5.3
	2015	8.3	10.4	22.3	6.3	2.7	5.4	2.9	1.5	4.1	3.7	1.9	5.3
	2016	7.9	10.3	22.5	6.3	2.5	5.0	2.8	1.5	3.8	3.4	1.8	5.3
	2017	7.9	10.4	22.3	7.0	3.6	4.4	3.0	0.7	4.8	3.9	1.7	4.5
	2018	7.9	10.5	21.7	5.9	2.9	2.9	2.4	1.4	4.3	3.4	1.2	5.2
	2019	7.9	10.3	24.1	6.7	2.6	3.6	2.3	1.5	3.5	3.2	1.5	4.6
	2020	7.8	10.4	21.9	2.9	6.3	3.6	2.4	1.2	3.8	3.6	1.4	4.5
	2021	7.9	10.5	16.6	6.9	3.2	2.7	2.0	2.5	3.1	2.7	3.6	3.6
	2022	8.7	11.0	20.4	5.9	3.0	3.5	2.0	1.0	3.9	4.0	1.5	4.1
	2023	8.4	9.3	23.4	6.2	3.1	4.3	3.6	5.7	4.1	2.8	1.8	4.4

Source: American Community Survey - US Census Bureau

Table C-4 Number of Vehicles in Family 2023

	0 Vehicle	1 Vehicle	2 Vehicles	3 or More
Bronx	48.0%	33.8%	13.7%	4.5%
Kings	49.2%	37.8%	10.4%	2.6%
New York	75.0%	22.6%	1.8%	0.6%
Queens	30.7%	38.3%	20.4%	10.5%
Richmond	9.0%	29.8%	38.3%	22.9%
New York City	**46.5%**	**33.9%**	**13.7%**	**5.9%**
Dutchess	3.2%	23.4%	39.8%	33.6%
Nassau	3.8%	17.3%	42.5%	36.4%
Orange	5.7%	20.2%	38.8%	35.3%
Putnam	3.6%	16.3%	43.5%	36.7%
Rockland	6.2%	22.2%	37.6%	34.0%
Suffolk	2.4%	14.1%	37.0%	46.5%
Westchester	8.8%	28.4%	38.5%	24.3%
New York Suburbs	**4.6%**	**19.4%**	**39.3%**	**36.7%**

Source: American Community Survey - US Census Bureau
Note: Due to rounding, percentages may not total to 100.

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Appendix D

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

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	33	35	47	38	37	25	50	45	50	44
Kings	75	69	50	56	56	70	58	79	69	58
New York	40	29	48	39	27	36	28	45	30	32
Queens	79	74	59	55	68	66	78	57	65	74
Richmond	12	25	17	13	7	8	9	10	12	11
New York City	**239**	**232**	**221**	**201**	**195**	**205**	**223**	**236**	**226**	**219**
Dutchess	21	24	20	18	23	15	27	20	24	26
Nassau	69	92	73	75	61	68	72	78	76	61
Orange	34	26	26	34	27	28	27	29	38	27
Putnam	5	9	4	7	4	6	5	5	11	4
Rockland	16	14	11	16	11	13	12	16	19	18
Suffolk	116	158	121	112	123	107	107	140	152	143
Westchester	26	41	32	30	25	29	35	38	34	35
New York Suburban	**287**	**364**	**287**	**292**	**274**	**266**	**285**	**326**	**354**	**314**
New York Downstate Total	**526**	**596**	**508**	**493**	**469**	**471**	**508**	**562**	**580**	**533**
New York State Total	**966**	**1,045**	**969**	**933**	**882**	**881**	**945**	**1,068**	**1,092**	**1,022**
Percentage to State Total	**54.5%**	**57.0%**	**52.4%**	**52.8%**	**53.2%**	**53.5%**	**53.8%**	**52.6%**	**53.1%**	**52.2%**
U.S. Total	**30,056**	**32,539**	**34,439**	**34,247**	**33,654**	**33,487**	**35,766**	**39,785**	**39,422**	**37,654**
Percentage to U.S. Total	**1.8%**	**1.8%**	**1.5%**	**1.4%**	**1.4%**	**1.4%**	**1.4%**	**1.4%**	**1.5%**	**1.4%**

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

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

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	10,839	10,094	11,478	13,884	23,272	23,838	16,710	17,347	16,841	15,629
Kings	19,740	17,884	20,987	23,443	38,516	38,012	26,868	30,292	29,561	28,981
New York	11,833	11,448	12,471	14,442	24,457	22,363	12,934	14,764	14,974	14,399
Queens	19,976	18,226	21,673	25,660	44,848	43,830	27,418	29,491	29,228	28,374
Richmond	4,166	3,454	3,866	4,857	8,857	7,181	4,393	5,165	5,455	5,374
New York City	**66,554**	**61,106**	**70,475**	**82,286**	**139,950**	**135,224**	**88,323**	**97,059**	**96,059**	**92,757**
Dutchess	5,798	5,733	5,650	5,696	7,795	7,913	6,035	6,883	7,689	7,298
Nassau	33,176	33,008	32,800	29,557	40,306	41,862	29,672	36,665	40,572	29,104
Orange	9,794	9,619	9,447	8,971	10,869	10,751	8,001	9,523	11,691	11,597
Putnam	2,260	2,240	2,180	2,120	2,779	2,578	1,873	2,241	2,482	2,566
Rockland	6,476	6,755	6,523	6,461	7,436	7,849	5,992	8,180	9,702	9,711
Suffolk	30,897	32,249	32,821	30,389	36,037	42,485	32,167	39,037	37,475	40,905
Westchester	14,210	15,018	15,108	15,430	20,595	23,032	16,207	19,704	21,257	21,489
New York Suburban	**102,611**	**104,622**	**104,529**	**98,624**	**125,817**	**136,470**	**99,947**	**122,233**	**130,868**	**122,670**
New York Downstate Total	**169,165**	**165,728**	**175,004**	**180,910**	**265,767**	**271,694**	**188,270**	**219,292**	**226,927**	**215,427**
New York State Total	**299,452**	**294,556**	**301,908**	**309,371**	**434,596**	**447,021**	**327,390**	**372,159**	**391,040**	**381,306**
Percentage to State Total	**56.5%**	**56.3%**	**58.0%**	**58.5%**	**61.2%**	**60.8%**	**57.5%**	**58.9%**	**58.9%**	**56.5%**

Source: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

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

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	7,800	7,161	8,409	9,166	9,290	9,505	7,844	8,924	9,064	9,090
Kings	14,405	12,703	15,255	15,537	16,046	15,726	12,606	15,268	15,825	16,594
New York	7,519	7,097	8,137	8,275	8,037	7,824	5,635	7,009	7,399	7,745
Queens	13,074	11,793	14,690	15,287	15,809	15,890	11,428	13,732	14,508	15,880
Richmond	2,517	2,073	2,372	2,591	2,571	2,708	1,718	2,061	2,399	2,499
New York City	**45,315**	**40,827**	**48,863**	**50,856**	**51,753**	**51,653**	**39,231**	**46,994**	**49,195**	**51,808**
Dutchess	1,831	1,871	1,835	1,814	1,908	1,803	1,283	1,516	1,590	1,562
Nassau	11,911	11,771	12,357	11,629	11,330	11,229	7,934	9,510	10,587	10,540
Orange	2,679	2,727	2,742	2,600	2,622	2,623	1,869	2,244	2,439	2,509
Putnam	631	632	672	617	625	576	399	469	542	535
Rockland	2,154	2,285	2,262	2,235	2,074	2,097	1,495	1,723	1,996	2,089
Suffolk	12,334	12,150	12,360	11,810	11,427	11,432	8,334	10,249	9,812	10,625
Westchester	5,252	5,544	5,678	5,745	5,694	5,648	3,908	4,721	5,081	5,204
New York Suburban	**36,792**	**36,980**	**37,906**	**36,450**	**35,680**	**35,408**	**25,222**	**30,432**	**32,047**	**33,064**
New York Downstate Total	**82,107**	**77,807**	**86,769**	**87,306**	**87,433**	**87,061**	**64,453**	**77,426**	**81,242**	**84,872**
New York State Total	**118,465**	**113,396**	**123,057**	**122,551**	**121,989**	**121,068**	**90,327**	**105,882**	**110,345**	**113,576**
Percentage to State Total	**69.3%**	**68.6%**	**70.5%**	**71.2%**	**71.7%**	**71.9%**	**71.4%**	**73.1%**	**73.6%**	**74.7%**

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

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

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	3,006	2,898	3,022	4,680	13,945	13,308	8,816	8,378	7,727	6,495
Kings	5,260	5,112	5,682	7,850	22,414	22,216	14,204	14,945	13,667	12,329
New York	4,274	4,322	4,286	6,128	16,393	14,503	7,271	7,710	7,545	6,622
Queens	6,823	6,359	6,924	10,318	28,971	27,874	15,912	15,702	14,655	12,420
Richmond	1,637	1,356	1,477	2,253	6,279	4,465	2,666	3,094	3,044	2,864
New York City	**21,000**	**20,047**	**21,391**	**31,229**	**88,002**	**82,366**	**48,869**	**49,829**	**46,638**	**40,730**
Dutchess	3,946	3,838	3,795	3,864	5,864	6,095	4,725	5,347	6,075	5,710
Nassau	21,196	21,145	20,370	17,853	28,915	30,565	21,666	27,077	29,909	28,503
Orange	7,081	6,866	6,679	6,337	8,220	8,100	6,105	7,250	9,214	9,061
Putnam	1624	1,599	1,504	1,496	2,150	1,996	1,469	1,767	1,929	2,027
Rockland	4,306	4,456	4,250	4,210	5,351	5,739	4,485	6,441	7,687	7,604
Suffolk	18,447	19,941	20,340	18,467	24,487	30,946	23,726	28,648	27,511	30,137
Westchester	8,932	9,433	9,398	9,655	14,876	17,355	12,264	14,945	16,142	16,250
New York Suburban	**65,532**	**67,278**	**66,336**	**61,882**	**89,863**	**100,796**	**74,440**	**91,475**	**98,467**	**99,292**
New York Downstate Total	**86,532**	**87,325**	**87,727**	**93,111**	**177,865**	**183,162**	**123,309**	**141,304**	**145,105**	**140,022**
New York State Total	**180,021**	**180,115**	**177,882**	**185,887**	**311,725**	**325,072**	**236,118**	**265,209**	**279,603**	**266,708**
Percentage to State Total	**48.1%**	**48.5%**	**49.3%**	**50.1%**	**57.1%**	**56.3%**	**52.2%**	**53.3%**	**51.9%**	**52.5%**

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

Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

Table D-5 Motor Vehicle Crash by Contributing Human Factors

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	5,117	4,605	5,074	8,096	15,029	13,245	9,218	8,886	8,983	7,952
Kings	11,396	9,700	10,749	14,508	25,294	25,656	15,849	16,886	16,352	15,922
New York	6,631	6,378	6,471	9,430	17,532	15,819	8,149	8,778	8,269	7,862
Queens	10,650	9,157	10,762	16,548	32,982	31,939	17,285	17,730	16,892	16,096
Richmond	2,221	1,788	1,908	3,256	7,098	4,636	2,752	3,140	3,217	3,252
New York City	**36,015**	**31,628**	**34,964**	**51,838**	**97,935**	**91,295**	**53,253**	**55,420**	**53,713**	**51,084**
Dutchess	3,907	4,105	4,053	4,142	5,871	5,995	4,432	5,391	6,143	5,931
Nassau	28,454	28,287	28,755	25,895	36,217	38,111	27,022	33,539	36,929	35,929
Orange	6,618	6,879	6,789	6,505	7,726	7,743	5,687	7,105	8,703	8,912
Putnam	1648	1716	1,657	1,631	2,127	1,964	1,411	1,802	1,979	2,036
Rockland	5,041	5,356	5,240	5,276	6,016	6,366	4,855	6,761	8,028	8,182
Suffolk	23,409	25,380	27,160	25,437	30,470	36,623	27,319	33,567	31,746	35,569
Westchester	9,589	10,437	10,876	11,294	15,313	17,639	11,947	14,647	15,648	16,218
New York Suburban	**78,666**	**82,160**	**84,530**	**80,180**	**103,740**	**114,441**	**82,673**	**102,812**	**109,176**	**112,777**
New York Downstate Total	**114,681**	**113,788**	**119,494**	**132,018**	**201,675**	**205,736**	**135,926**	**158,232**	**162,889**	**163,861**
New York State Total	**200,052**	**200,691**	**205,676**	**218,825**	**317,024**	**326,688**	**227,339**	**263,347**	**274,819**	**270,703**
Percentage to State Total	**57.3%**	**56.7%**	**58.1%**	**60.3%**	**63.6%**	**63.0%**	**59.8%**	**60.1%**	**59.3%**	**60.5%**

Source: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

Table D-6 Motor Vehicle Crashes by Contributing Vehicular Factors

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	583	520	548	854	1,938	1,700	1,035	973	951	803
Kings	875	636	698	993	1,917	1,999	1,324	1,403	1,234	1,277
New York	499	457	496	657	1,457	1,367	823	841	747	691
Queens	739	627	577	864	1,748	1,858	980	1,110	882	897
Richmond	149	92	101	151	424	286	132	168	172	169
New York City	**2,845**	**2,332**	**2,420**	**3,519**	**7,484**	**7,210**	**4,294**	**4,495**	**3,986**	**3,837**
Dutchess	204	194	199	184	218	209	183	198	248	198
Nassau	755	768	733	612	811	883	660	830	881	806
Orange	331	371	299	285	323	401	308	379	441	423
Putnam	92	68	68	77	91	111	75	84	105	107
Rockland	177	203	194	189	215	239	207	293	286	266
Suffolk	845	857	988	847	1,017	1,195	979	1,177	1,068	1,243
Westchester	546	454	559	575	756	876	752	908	981	935
New York Suburban	**2,950**	**2,915**	**3,040**	**2,769**	**3,431**	**3,914**	**3,164**	**3,869**	**4,010**	**3,978**
New York Downstate Total	**5,795**	**5,247**	**5,460**	**6,288**	**10,915**	**11,124**	**7,458**	**8,364**	**7,996**	**7,815**
New York State Total	**10,006**	**9,505**	**9,565**	**10,528**	**16,455**	**16958**	**12306**	**13870**	**13825**	**13541**
Percentage to State Total	**57.9%**	**55.2%**	**57.1%**	**59.7%**	**66.3%**	**65.6%**	**60.6%**	**60.3%**	**57.8%**	**57.7%**

Sources: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

Table D-7 Motor Vehicle Crashes by Contributing Environmental Factors

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	554	518	390	711	1,245	1,003	664	519	596	501
Kings	945	713	667	916	1,530	1,459	837	850	721	612
New York	459	372	322	465	830	725	493	428	425	382
Queens	995	786	710	1,148	2,012	1,732	1,187	1,008	901	706
Richmond	263	175	197	330	696	435	280	257	283	221
New York City	**3,216**	**2,564**	**2,286**	**3,570**	**6,313**	**5,354**	**3,461**	**3,062**	**2,926**	**2,422**
Dutchess	1,602	1,486	1,361	1,436	2,110	2,125	1,670	1,675	1,837	1,608
Nassau	3,209	3,094	2,215	2,123	2,747	2,644	2,145	2,115	2,353	2,006
Orange	2,885	2,704	2,453	2,407	3,075	2,902	2,211	2,453	3,065	2,644
Putnam	661	588	516	492	750	658	492	591	609	603
Rockland	1,217	1,265	1,097	1,032	1,320	1,405	1,068	1,335	1,527	1,453
Suffolk	4,502	4,695	4,033	4,141	4,805	5,097	4,242	4,565	4,238	4,346
Westchester	2,228	2,339	1,952	2,203	3,080	3,164	2,414	2,458	2,826	2,427
New York Suburban	**16,304**	**16,171**	**13,627**	**13,834**	**17,887**	**17,995**	**14,242**	**15,192**	**16,455**	**15,087**
New York Downstate Total	**19,520**	**18,735**	**15,913**	**17,404**	**24,200**	**23,349**	**17,703**	**18,254**	**19,381**	**17,509**
New York State Total	**56,884**	**58,131**	**50,340**	**51,060**	**74,162**	**76,703**	**60,921**	**62,216**	**70,001**	**62,618**
Percentage to State Total	**34.3%**	**32.2%**	**31.6%**	**34.1%**	**32.6%**	**30.4%**	**29.1%**	**29.3%**	**27.7%**	**28.0%**

Sources: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
County Crash Summary - Crash contributing factors (Police Reported)

Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

Table D-8 Vehicle Crashes with Alcohol Involvement

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	171	173	212	278	381	375	275	286	289	291
Kings	340	285	348	501	655	641	451	511	503	524
New York	175	141	209	267	336	268	198	243	295	223
Queens	319	302	366	422	619	590	480	495	498	509
Richmond	96	71	81	109	154	143	96	90	114	139
New York City	**1,101**	**972**	**1,216**	**1,577**	**2,145**	**2,017**	**1,500**	**1,625**	**1,699**	**1,686**
Dutchess	154	151	181	188	200	163	156	163	182	195
Nassau	533	530	544	473	513	516	478	498	570	528
Orange	233	234	232	198	226	244	203	222	282	294
Putnam	82	74	77	80	93	87	47	71	68	80
Rockland	124	140	145	122	138	138	131	130	163	174
Suffolk	779	797	864	711	791	786	654	820	739	787
Westchester	332	326	399	366	438	503	403	472	494	554
New York Suburban	**2,237**	**2,252**	**2,442**	**2,138**	**2,399**	**2,437**	**2,072**	**2,376**	**2,498**	**2,612**
New York Downstate Total	**3,338**	**3,224**	**3,658**	**3,715**	**4,544**	**4,454**	**3,572**	**4,001**	**4,197**	**4,298**
New York State Total	**7,849**	**7,464**	**7,591**	**7,549**	**9,429**	**9,398**	**7,756**	**8,711**	**8,838**	**8,986**
Percentage to State Total	**42.5%**	**43.2%**	**48.2%**	**49.2%**	**48.2%**	**47.4%**	**46.1%**	**45.9%**	**47.5%**	**47.8%**

Sources: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
County Crash Summary - Crash contributing factors (Police Reported)

Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

Table D-9 Total Pedestrian Fatalities

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	16	19	29	20	18	13	23	19	21	16
Kings	46	47	32	28	34	37	28	47	44	27
New York	24	20	40	19	18	24	12	25	19	20
Queens	38	36	33	29	40	39	30	23	37	33
Richmond	6	10	7	4	4	5	5	6	7	3
New York City	**130**	**132**	**141**	**100**	**114**	**118**	**98**	**120**	**128**	**99**
Duchess	2	6	2	2	4	3	5	3	8	5
Nassau	22	36	25	24	22	29	24	33	22	24
Orange	5	6	6	4	2	2	3	3	7	2
Putnam	0	1	2	1	-	3	-	1	1	-
Rockland	5	4	4	4	4	6	2	4	7	7
Suffolk	31	53	40	36	43	31	32	43	49	49
Westchester	3	12	11	4	5	12	9	9	15	9
New York Suburban	**68**	**118**	**90**	**75**	**80**	**86**	**75**	**96**	**109**	**96**
New York Downstate Total	**198**	**250**	**231**	**175**	**194**	**204**	**173**	**216**	**237**	**195**
New York State Total	**269**	**316**	**320**	**252**	**269**	**283**	**249**	**306**	**324**	**307**
Percentage to State Total	**73.6%**	**79.1%**	**72.2%**	**69.4%**	**72.1%**	**72.1%**	**69.5%**	**70.6%**	**73.1%**	**63.5%**

Sources: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
County Crash Summary - Crash contributing factors (Police Reported)

Table D-10 Bicycle/Vehicle Crash

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	389	398	458	440	457	466	625	774	709	664
Kings	1,376	1,140	1,600	1,551	1,612	1,572	1,678	2,151	2,316	2,373
New York	1,083	1,027	1,214	1,230	1,235	1,281	1,085	1,410	1,508	1,566
Queens	654	572	797	831	712	790	915	1,142	1,120	1,198
Richmond	60	44	73	83	63	66	74	91	77	98
New York City	**3,562**	**3,181**	**4,142**	**4,135**	**4,079**	**4,175**	**4,377**	**5,568**	**5,730**	**5,899**
Dutchess	30	37	32	37	26	40	47	34	38	42
Nassau	361	350	308	325	304	339	336	356	402	456
Orange	43	49	39	41	30	36	39	36	45	38
Putnam	4	10	6	4	6	4	8	1	5	7
Rockland	60	45	47	47	43	60	71	57	67	79
Suffolk	412	368	347	332	302	367	317	305	344	366
Westchester	99	116	125	105	91	111	125	148	144	142
New York Suburban	**1,009**	**975**	**904**	**891**	**802**	**957**	**943**	**937**	**1,045**	**1,130**
New York Downstate Total	**4,548**	**4,125**	**5,046**	**4,995**	**4,881**	**5,132**	**5,320**	**6,505**	**6,775**	**7,029**
New York State Total	**5,694**	**5,336**	**6,238**	**6,069**	**5,877**	**6,145**	**6,307**	**7,370**	**7,835**	**8,268**
Percentage to State Total	**79.9%**	**77.3%**	**80.9%**	**82.3%**	**83.1%**	**83.5%**	**84.4%**	**88.3%**	**86.5%**	**85.0%**

Sources: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
County Crash Summary - Crash contributing factors (Police Reported)

Table D-11 Number of Female Drivers Involved in Crash

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	4,894	4,506	5,131	6,009	9,644	9,439	5,700	5,970	6,034	5,539
Kings	8,095	7,356	8,425	9,358	14,538	14,248	8,877	10,231	10,125	9,726
New York	3,108	3,118	3,415	3,848	6,363	5,990	3,561	4,243	4,187	3,894
Queens	9,983	9,056	10,493	12,268	20,198	19,918	10,609	11,518	11,700	11,089
Richmond	2,722	2,159	2,416	3,058	5,684	4,313	2,123	2,684	2,980	2,866
New York City	**28,802**	**26,195**	**29,880**	**34,541**	**56,427**	**53,908**	**30,870**	**34,646**	**35,026**	**33,114**
Dutchess	3,868	3,917	3,824	3,947	5,367	5,511	3,638	4,506	5,002	4,851
Nassau	25,051	24,937	25,274	22,660	30,408	31,308	19,694	36,468	39,764	26,931
Orange	6,119	6,035	5,936	5,658	6,647	6,644	4,528	5,740	6,967	6,899
Putnam	1,358	1,347	1,328	1,312	1,639	1,574	1,032	1,285	1,487	1,452
Rockland	4,264	4,446	4,410	4,344	4,742	4,899	3,359	4,679	5,701	5,688
Suffolk	22,575	23,471	24,065	22,555	26,521	31,115	21,260	26,431	25,538	28,146
Westchester	9,731	10,131	10,309	10,626	13,675	15,114	9,142	11,663	12,840	13,060
New York Suburban	**72,966**	**74,284**	**75,146**	**71,102**	**88,999**	**96,165**	**62,653**	**90,772**	**97,299**	**87,027**
New York Downstate Total	**101,768**	**100,479**	**105,026**	**105,643**	**145,426**	**150,073**	**93,523**	**125,418**	**132,325**	**120,141**

Sources: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
County Crash Summary - Crash contributing factors (Police Reported)

Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

Table D-12 Number of Male Drivers Involved in Crash

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	11,796	11,156	12,449	15,348	24,726	24,101	16,648	16,390	15,808	14,890
Kings	21,106	19,357	22,664	25,111	40,894	39,910	26,297	28,225	26,880	26,486
New York	13,507	13,192	14,166	17,277	30,631	27,456	13,732	14,977	15,222	14,886
Queens	21,840	20,005	24,146	28,253	48,844	47,465	27,651	28,989	28,185	27,969
Richmond	3,955	3,400	3,658	4,725	8,383	6,612	4,073	4,711	4,904	4,790
New York City	**72,204**	**67,110**	**77,083**	**90,714**	**153,478**	**145,544**	**88,401**	**93,292**	**90,999**	**89,021**
Dutchess	4,794	4,894	4,887	4,882	6,704	6,806	5,322	6,210	6,726	6,412
Nassau	32,227	32,262	32,319	29,595	39,731	40,958	29,812	36,468	39,764	38,631
Orange	8,510	8,488	8,440	8,132	9,985	9,693	7,310	8,899	10,872	11,003
Putnam	2,042	2,110	2,027	1,985	2,597	2,392	1,771	2,165	2,393	2,508
Rockland	6,507	6,993	6,703	6,860	7,813	8,216	6,299	8,664	10,089	10,143
Suffolk	29,730	31,158	31,728	29,823	34,783	40,895	31,733	38,522	36,633	40,315
Westchester	13,280	14,562	14,589	14,797	19,673	21,772	15,282	18,767	20,072	20,431
New York Suburban	**97,090**	**100,467**	**100,693**	**96,074**	**121,286**	**130,732**	**97,529**	**119,695**	**126,549**	**129,443**
New York Downstate Total	**169,294**	**173,868**	**177,776**	**186,788**	**274,764**	**276,276**	**185,930**	**212,987**	**217,548**	**218,464**

Sources: Traffic Safety Statistical Repository - Institute for Traffic Safety Management and Research (ITSMR)
County Crash Summary - Crash contributing factors (Police Reported)

Note: Increase in crashes between 2017 and 2018 is due in part to changes in how property damage crashes were captured and recorded.

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Appendix E

AIRPORTS

Table E-1 Annual Major Airport Activity

In Thousands

Airport \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
John F. Kennedy										
Revenue Passengers	53,218	56,827	59,106	59,393	61,624	62,551	16,631	30,758	55,079	62,077
Aircraft Flights	412	427	440	435	443	439	194	287	433	460
Cargo Tonnage (Short Tons)	1,344.0	1,330.0	1,315.4	1,393.3	1,431.1	1,336.5	1,152.6	1,574.2	1,545.6	1,587.9
LaGuardia										
Revenue Passengers	26,972	28,438	29,787	29,568	30,094	31,085	8,245	15,601	29,094	32,385
Aircraft Flights	352	351	357	353	357	362	136	172.6	335	352
Cargo Tonnage (Short Tons)	7.1	7.7	7.6	6.9	6.0	6.4	5.8	6.328	6.7	6.0
Newark Liberty										
Revenue Passengers	35,611	37,495	40,563	43,234	46,065	46,336	15,893	29,022	43,564	49,085
Aircraft Flights	385	400	422	424	445	432	208	278	387	413
Cargo Tonnage (Short Tons)	667.0	704.7	746.8	826.2	847.9	824.9	672.5	786.7	746.8	700.2
Long Island MacArthur										
Revenue Passengers	1,310	1,223	1,192	1,311	1,658	1,567	529	1,111	1,237	1,289
Aircraft Flights	117	114	124	127	133	149	117	151	162	161
Cargo Tonnage (Short Tons)	0.4	0.5	0.9	0.4	0.4	0.4	0.2	0.2	0.3	0.3
Stewart										
Revenue Passengers	309	282	275	449	690	526	97	135	298	254
Aircraft Flights	7	7	6	8	9	8	4	3	4	3
Cargo Tonnage (Short Tons)	15.2	15.1	18.7	20.8	22.8	23.6	24.1	31.0	24.7	23.7
Westchester County										
Revenue Passengers	1,443	1,460	1,469	1,481	1,522	1,712	448	1,033	1,733	2,232
Aircraft Flights	25	23	23	22	22	24	8	14	25	28
Total Revenue Passengers	**118,863**	**125,725**	**132,392**	**135,436**	**141,653**	**143,777**	**41,843**	**77,660**	**131,005**	**147,321**
Total Aircraft Flights	**1,298**	**1,321**	**1,373**	**1,369**	**1,408**	**1,414**	**666**	**906**	**1,345**	**1,417**
Total Cargo Tonnage	**2,033.7**	**2,058.0**	**2,089.3**	**2,247.6**	**2,308.2**	**2,191.8**	**1,855.3**	**2,398.4**	**2,324.1**	**2,318.0**

Sources: Port Authority of New York and New Jersey
Westchester County Airport
Town of Islip

Appendix F

SOCIOECONOMIC and DEMOGRAPHIC DATA

Table F-1 Employment For NY-NJ-CT Region

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	548,477	563,903	575,974	593,858	595,657	601,341	591,083	597,690	583,452	575,057
Kings	1,138,762	1,167,448	1,192,489	1,217,976	1,217,624	1,227,030	1,216,982	1,271,697	1,260,636	1,251,991
New York	868,961	884,457	892,817	906,389	897,040	905,475	894,171	905,697	888,836	883,486
Queens	1,083,846	1,104,930	1,120,583	1,142,363	1,131,527	1,134,877	1,120,366	1,164,817	1,149,568	1,133,085
Richmond	207,199	209,113	209,754	212,253	211,293	214,492	217,404	224,472	226,190	226,877
New York City	**3,847,245**	**3,929,851**	**3,991,617**	**4,072,839**	**4,053,141**	**4,083,215**	**4,040,006**	**4,164,373**	**4,108,682**	**4,070,496**
Dutchess	143,344	143,829	144,239	144,934	144,058	145,110	146,455	147,468	148,109	149,823
Nassau	656,248	666,184	672,155	682,063	684,098	687,898	684,857	703,047	704,740	698,443
Orange	170,479	171,651	172,106	174,770	174,834	177,356	176,196	182,658	183,933	184,167
Putnam	50,404	51,412	51,246	51,775	51,066	51,264	51,271	50,491	50,210	50,248
Rockland	144,787	146,049	147,646	149,868	148,410	147,612	146,382	150,398	148,349	148,731
Suffolk	731,119	735,010	737,128	744,660	744,693	752,016	752,725	776,067	781,818	783,717
Westchester	461,126	465,097	470,856	479,696	479,775	482,359	480,956	496,860	496,164	496,310
New York Suburban	**2,357,507**	**2,379,232**	**2,395,376**	**2,427,766**	**2,426,934**	**2,443,615**	**2,438,842**	**2,506,989**	**2,513,323**	**2,511,439**
New York Total	**6,204,752**	**6,309,083**	**6,386,993**	**6,500,605**	**6,480,075**	**6,526,830**	**6,478,848**	**6,671,362**	**6,622,005**	**6,581,935**
Bergen	451,145	459,612	465,821	473,672	476,034	480,028	480,172	490,627	494,921	494,921
Essex	353,763	358,229	361,748	371,793	373,790	378,224	379,534	404,700	409,416	409,416
Hudson	331,881	339,606	345,658	354,105	352,378	357,147	360,200	381,681	384,403	384,403
Middlesex	400,296	402,766	403,165	408,838	405,537	406,921	408,185	427,105	436,300	436,300
Monmouth	305,912	307,183	309,640	314,470	315,831	318,706	319,494	329,455	331,018	331,018
Morris	255,325	258,862	260,569	262,461	261,479	261,352	259,034	267,024	270,937	270,937
Passaic	228,233	229,762	234,313	238,552	238,879	243,337	244,212	251,333	251,131	251,131
Somerset	167,982	170,172	172,559	174,463	173,381	173,721	175,459	182,687	187,223	187,223
Union	264,233	267,803	271,895	278,003	279,881	281,698	282,632	290,568	293,183	293,183
New Jersey Total	**2,758,770**	**2,793,995**	**2,825,368**	**2,876,357**	**2,877,190**	**2,901,134**	**2,908,922**	**3,025,180**	**3,058,532**	**3,058,532**
Fairfield	455,515	463,610	468,570	474,458	475,513	477,144	476,757	492,398	487,845	491,619
New Haven	416,917	419,901	421,566	425,229	427,791	430,091	429,416	427,902	433,106	431,817
Litchfield	98,661	98,294	98,430	98,166	97,390	97,180	96,144	92,986	96,212	97,597
Connecticut Total	**971,093**	**981,805**	**988,566**	**997,853**	**1,000,694**	**1,004,415**	**1,002,317**	**1,013,286**	**1,017,163**	**1,021,033**
NY-NJ-CT Region Total	**9,934,615**	**10,084,883**	**10,200,927**	**10,374,815**	**10,357,959**	**10,432,379**	**10,390,087**	**10,709,828**	**10,683,340**	**10,661,500**
Percentage to U.S. Total	**6.93%**	**6.92%**	**6.89%**	**6.69%**	**6.78%**	**6.74%**	**6.67%**	**6.80%**	**6.72%**	**6.67%**
U.S. Total	**143,435,233**	**145,747,779**	**148,001,326**	**155,058,331**	**152,739,884**	**154,842,185**	**155,888,980**	**157,510,982**	**158,913,204**	**159,808,535**

Source: American Community Survey - US Census Bureau

Table F-2 Total Civilian Labor Force

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	645,038	655,467	659,512	671,765	665,907	668,327	657,170	673,121	657,051	646,993
Kings	1,274,014	1,297,115	1,310,417	1,324,952	1,309,155	1,307,649	1,301,922	970,093	1,359,468	1,352,910
New York	946,480	956,034	958,676	966,160	951,338	955,108	948,300	1,369,084	953,371	950,067
Queens	1,197,419	1,208,386	1,214,854	1,227,523	1,205,909	1,202,020	1,191,411	1,252,039	1,236,423	1,218,380
Richmond	224,362	224,499	223,630	224,697	222,165	224,780	228,681	237,429	239,189	240,078
New York City	**4,287,313**	**4,341,501**	**4,367,089**	**4,415,097**	**4,354,474**	**4,357,884**	**4,327,484**	**4,501,766**	**4,445,502**	**4,408,428**
Dutchess	157,973	157,487	156,138	155,261	153,039	152,794	154,094	155,507	155,858	157,372
Nassau	706,342	712,003	713,590	717,480	714,628	715,543	714,492	736,535	739,080	733,543
Orange	185,244	185,121	184,383	185,146	183,891	185,252	185,096	193,179	194,320	194,723
Putnam	54,681	55,162	54,610	54,701	53,932	53,721	53,733	53,009	52,532	52,411
Rockland	157,567	158,611	158,770	159,907	157,009	158,226	154,767	159,913	158,193	158,008
Suffolk	786,822	785,594	784,771	787,524	781,705	784,879	788,599	815,012	820,921	821,529
Westchester	501,796	503,509	506,576	512,798	509,497	509,737	510,244	528,937	528,032	528,070
New York Suburban	**2,550,425**	**2,557,487**	**2,558,838**	**2,572,817**	**2,553,701**	**2,560,152**	**2,561,025**	**2,642,092**	**2,648,936**	**2,645,656**
New York Total	**6,837,738**	**6,898,988**	**6,925,927**	**6,987,914**	**6,908,175**	**6,918,036**	**6,888,509**	**7,143,858**	**7,094,438**	**7,054,084**
Bergen	486,823	491,436	494,631	499,802	498,438	500,211	503,189	517,839	520,767	523,454
Essex	409,923	411,643	411,464	415,171	411,521	411,371	412,409	442,693	446,140	446,633
Hudson	369,970	374,293	376,212	381,266	375,081	376,862	380,871	404,640	406,199	408,443
Middlesex	437,097	435,528	433,726	436,566	429,780	429,048	433,428	455,063	462,251	466,150
Monmouth	334,440	333,439	332,241	334,439	333,155	335,254	336,558	349,017	350,176	349,355
Morris	274,619	276,181	275,948	276,801	274,418	273,147	272,336	281,980	282,832	285,821
Passaic	253,029	251,460	252,067	253,716	251,492	254,854	260,503	271,308	273,247	272,247
Somerset	179,728	181,012	182,011	183,421	181,508	182,116	183,595	192,590	194,553	196,608
Union	295,972	296,786	297,092	300,167	298,724	298,789	300,002	310,185	311,931	312,930
New Jersey Total	**3,041,601**	**3,051,778**	**3,055,392**	**3,081,349**	**3,054,117**	**3,061,652**	**3,082,891**	**3,225,315**	**3,248,096**	**3,261,641**
Fairfield	503,867	509,408	510,491	513,567	511,058	510,649	510,275	517,725	520,194	523,037
New Haven	465,182	464,091	460,957	460,606	459,855	459,712	458,876	463,822	462,537	459,971
Litchfield	106,813	105,827	105,485	104,461	102,769	102,270	102,026	102,553	101,860	103,194
Connecticut Total	**1,075,862**	**1,079,326**	**1,076,933**	**1,078,634**	**1,073,682**	**1,072,631**	**1,071,177**	**1,084,100**	**1,084,591**	**1,086,202**
NY-NJ-CT Region Total	**10,955,201**	**11,030,092**	**11,058,252**	**11,147,897**	**11,035,974**	**11,052,319**	**11,042,577**	**11,453,273**	**11,427,125**	**11,401,927**
Percentage to U.S. Total	**6.94%**	**6.94%**	**6.92%**	**6.81%**	**6.80%**	**6.76%**	**6.70%**	**6.87%**	**6.81%**	**6.76%**
U.S. Total	**157,940,014**	**158,897,824**	**159,807,099**	**163,703,561**	**162,248,196**	**163,555,585**	**164,759,496**	**166,672,597**	**167,857,207**	**168,567,852**

Source: American Community Survey - US Census Bureau

Table F-3 Resident Unemployed Labor Force

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	96,561	91,564	83,538	77,907	70,250	66,986	66,087	75,431	73,599	58,710
Kings	135,252	129,667	117,928	106,976	91,531	80,619	84,940	97,387	98,832	77,974
New York	77,519	71,577	65,859	59,771	54,298	49,633	54,129	64,396	64,535	66,576
Queens	113,573	103,456	94,271	85,160	74,382	67,143	71,045	87,222	86,855	59,560
Richmond	17,163	15,386	13,876	12,444	10,872	10,288	11,277	12,957	12,999	10,816
New York City	**440,068**	**411,650**	**375,472**	**342,258**	**301,333**	**274,669**	**287,478**	**337,393**	**336,820**	**273,636**
Dutchess	14,629	13,658	11,899	10,327	8,981	7,684	7,639	10,102	5,226	6,396
Nassau	50,094	45,819	41,435	35,417	30,530	27,645	29,635	49,393	29,234	28,578
Orange	14,765	13,470	12,277	10,376	9,057	7,896	8,900	13,205	8,886	10,253
Putnam	4,277	3,750	3,364	2,926	2,866	2,457	2,462	2,527	1,814	1,419
Rockland	12,780	12,562	11,124	10,039	8,599	8,614	8,385	13,275	8,770	4,891
Suffolk	55,703	50,584	47,643	42,864	37,012	32,863	35,874	47,587	31,382	29,127
Westchester	40,670	38,412	35,720	33,102	29,722	27,378	29,288	41,757	23,450	28,312
New York Suburban	**192,918**	**178,255**	**163,462**	**145,051**	**126,767**	**114,537**	**122,183**	**177,846**	**108,762**	**108,976**
New York Total	**632,986**	**589,905**	**538,934**	**487,309**	**428,100**	**389,206**	**409,661**	**515,239**	**360,270**	**382,612**
Bergen	35,678	31,824	28,810	26,130	22,404	20,183	23,017	27,212	28,408	28,533
Essex	56,160	53,414	49,716	43,378	37,731	33,147	32,875	37,993	38,058	37,217
Hudson	38,089	34,687	30,554	27,161	22,703	19,715	20,671	22,959	23,656	24,040
Middlesex	36,801	32,762	30,561	27,728	24,243	22,127	25,243	27,958	29,169	29,850
Monmouth	28,528	26,256	22,601	19,969	17,324	16,548	17,064	19,562	19,044	18,337
Morris	19,294	17,319	15,379	14,340	12,939	11,795	13,302	14,956	15,058	14,884
Passaic	24,796	21,698	17,754	15,164	12,613	11,517	16,291	19,975	21,426	21,116
Somerset	11,746	10,840	9,752	8,958	8,127	8,395	8,136	9,903	9,667	9,385
Union	31,739	28,983	25,197	22,164	18,843	17,091	17,370	19,617	19,438	19,747
New Jersey Total	**282,831**	**257,783**	**230,324**	**204,992**	**176,927**	**160,518**	**173,969**	**200,135**	**203,924**	**203,109**
Fairfield	48,352	45,798	41,921	39,109	35,545	33,505	33,518	32,555	32,349	31,418
New Haven	48,265	31,824	39,391	35,377	32,064	29,621	29,460	37,413	29,431	28,154
Litchfield	8,152	7,533	7,055	6,295	5,379	5,090	5,882	6,362	5,648	5,597
Connecticut Total	**104,769**	**85,155**	**88,367**	**80,781**	**72,988**	**68,216**	**68,860**	**76,330**	**67,428**	**65,169**
NY-NJ-CT Region Total	**1,020,586**	**932,843**	**857,625**	**773,082**	**678,015**	**617,940**	**652,490**	**791,704**	**631,622**	**650,890**
Percentage to U.S. Total	**7.04%**	**7.09%**	**7.26%**	**8.94%**	**7.13%**	**7.09%**	**7.36%**	**8.64%**	**7.06%**	**7.43%**
U.S. Total	**14,504,781**	**13,150,045**	**11,805,773**	**10,560,305**	**9,508,312**	**8,713,400**	**8,870,516**	**9,161,615**	**8,944,003**	**8,759,317**

Source: American Community Survey - US Census Bureau

Table F-4 Unemployment Rate

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	15.0%	14.0%	12.7%	11.6%	10.5%	10.0%	10.1%	11.2%	11.2%	11.1%
Kings	10.6%	10.0%	9.0%	8.1%	7.0%	6.2%	6.5%	7.1%	7.3%	7.5%
New York	8.2%	7.5%	6.9%	6.2%	5.7%	5.2%	5.7%	6.6%	6.8%	7.0%
Queens	9.5%	8.6%	7.8%	6.9%	6.2%	5.6%	6.0%	7.0%	7.0%	7.0%
Richmond	7.6%	6.9%	6.2%	5.5%	4.9%	4.6%	4.9%	5.5%	5.4%	5.5%
New York City Average	**10.2%**	**9.4%**	**8.5%**	**7.7%**	**6.9%**	**6.3%**	**6.6%**	**7.5%**	**7.5%**	**7.6%**
Dutchess	9.3%	8.7%	7.6%	6.7%	5.9%	5.0%	5.0%	5.2%	5.0%	4.8%
Nassau	7.1%	6.4%	5.8%	4.9%	4.3%	3.9%	4.1%	4.5%	4.6%	4.8%
Orange	8.0%	7.3%	6.7%	5.6%	4.9%	4.3%	4.8%	5.4%	5.3%	5.4%
Putnam	7.8%	6.8%	6.2%	5.3%	5.3%	4.6%	4.6%	4.8%	4.4%	4.1%
Rockland	8.1%	7.9%	7.0%	6.3%	5.5%	5.5%	5.4%	6.0%	6.2%	5.9%
Suffolk	7.1%	6.4%	6.1%	6.3%	4.7%	4.2%	4.5%	4.8%	4.8%	4.6%
Westchester	8.1%	7.6%	7.1%	6.5%	5.8%	5.4%	5.7%	6.1%	6.0%	6.0%
New York Suburban	7.9%	7.3%	6.6%	5.9%	5.2%	4.7%	4.9%	5.3%	5.2%	5.1%
New York Average	**9.1%**	**8.3%**	**7.6%**	**6.8%**	**6.0%**	**5.5%**	**5.8%**	**6.4%**	**6.4%**	**6.4%**
Bergen	7.3%	6.5%	5.8%	5.2%	4.5%	4.0%	4.6%	5.3%	5.5%	5.5%
Essex	13.7%	13.0%	12.1%	10.4%	9.2%	8.1%	8.0%	8.6%	8.5%	8.3%
Hudson	10.3%	9.3%	8.1%	7.1%	6.1%	5.2%	5.4%	5.7%	5.8%	5.9%
Middlesex	8.4%	7.5%	7.0%	6.4%	5.6%	5.2%	5.8%	6.1%	6.3%	6.4%
Monmouth	8.5%	7.9%	6.8%	6.0%	5.2%	4.9%	5.1%	5.6%	5.4%	5.2%
Morris	7.0%	6.3%	5.6%	5.2%	4.7%	4.3%	4.9%	5.3%	5.3%	5.2%
Passaic	9.8%	8.6%	7.0%	6.0%	5.0%	4.5%	6.3%	7.4%	7.8%	7.8%
Somerset	6.5%	6.0%	5.4%	4.9%	4.5%	4.6%	4.4%	5.1%	5.0%	4.8%
Union	10.7%	9.8%	8.5%	7.4%	6.3%	5.7%	5.8%	6.3%	6.2%	6.3%
New Jersey Average	**9.2%**	**8.3%**	**7.4%**	**6.5%**	**5.7%**	**5.2%**	**5.6%**	**6.2%**	**6.2%**	**6.2%**
Fairfield	9.6%	9.0%	8.2%	7.6%	7.0%	6.6%	6.6%	6.4%	6.2%	6.0%
New Haven	10.4%	6.9%	8.5%	7.7%	7.0%	6.4%	6.4%	6.0%	6.4%	6.1%
Litchfield	7.6%	7.1%	6.7%	6.0%	5.2%	5.0%	5.8%	6.7%	5.5%	5.4%
Connecticut Average	**9.2%**	**7.7%**	**7.8%**	**7.1%**	**6.4%**	**6.0%**	**6.3%**	**6.4%**	**6.0%**	**5.9%**
NY-NJ-CT Region	**9.1%**	**8.1%**	**7.6%**	**6.8%**	**6.0%**	**5.6%**	**5.9%**	**6.3%**	**6.2%**	**6.1%**
US Unemployment Rate	**9.2%**	**8.3%**	**7.4%**	**7.4%**	**5.9%**	**5.3%**	**5.4%**	**5.5%**	**5.3%**	**5.2%**

Source: American Community Survey - US Census Bureau

Table F-5 Population

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	1,413,566	1,428,357	1,436,785	1,455,846	1,437,872	1,435,068	1,427,056	1,468,262	1,443,229	1,419,250
Kings	2,570,801	2,595,259	2,606,852	2,635,121	2,600,747	2,589,974	2,576,771	2,712,360	2,679,620	2,646,306
New York	1,618,398	1,629,507	1,634,989	1,653,877	1,632,480	1,631,993	1,629,153	1,669,127	1,645,867	1,627,788
Queens	2,280,602	2,301,139	2,310,011	2,339,280	2,298,513	2,287,388	2,270,976	2,393,104	2,360,826	2,330,124
Richmond	471,522	472,481	473,324	475,948	474,101	474,893	475,596	493,194	492,925	492,734
New York City	**8,354,889**	**8,426,743**	**8,461,961**	**8,560,072**	**8,443,713**	**8,419,316**	**8,379,552**	**8,736,047**	**8,622,467**	**8,516,202**
Dutchess	297,388	296,928	295,905	295,685	293,894	293,754	293,524	296,012	296,467	297,144
Nassau	1,350,601	1,354,612	1,356,801	1,363,069	1,356,564	1,356,509	1,355,683	1,391,678	1,389,160	1,388,138
Orange	374,518	375,384	376,242	378,174	378,227	380,085	382,077	398,277	401,237	403,840
Putnam	99,697	99,488	99,408	99,464	99,070	98,787	98,714	97,960	97,942	97,988
Rockland	318,186	320,688	322,642	325,027	323,686	324,422	325,213	336,485	337,326	338,936
Suffolk	1,500,373	1,501,373	1,498,130	1,492,953	1,487,901	1,483,832	1,481,364	1,522,998	1,524,486	1,525,680
Westchester	962,319	967,315	969,229	975,321	968,815	968,890	968,738	999,723	997,904	996,888
New York Suburban	**4,903,082**	**4,915,788**	**4,918,357**	**4,929,693**	**4,908,157**	**4,906,279**	**4,905,313**	**5,043,133**	**5,044,522**	**5,048,614**
New York Total	**13,257,971**	**13,342,531**	**13,380,318**	**13,489,765**	**13,351,870**	**13,325,595**	**13,284,865**	**13,779,180**	**13,666,989**	**13,564,816**
Bergen	920,456	926,330	930,310	937,920	929,999	930,390	931,275	952,979	953,243	954,717
Essex	789,616	791,609	792,586	800,401	793,555	795,404	798,698	852,720	853,374	854,130
Hudson	654,878	662,619	668,526	679,756	668,631	670,046	671,923	713,264	712,029	710,478
Middlesex	824,046	830,300	831,852	837,288	826,698	825,920	825,015	858,770	860,147	861,535
Monmouth	629,702	629,185	627,532	627,551	623,387	621,659	620,821	642,160	643,064	643,615
Morris	497,103	498,192	498,215	499,693	494,383	493,379	492,715	508,347	508,816	510,375
Passaic	505,403	507,574	507,204	510,563	504,041	503,637	502,763	521,067	519,986	518,289
Somerset	328,704	330,604	331,686	333,316	330,176	329,838	330,151	343,950	344,978	346,203
Union	545,236	548,744	550,436	557,320	553,066	554,033	555,208	571,963	572,079	572,549
New Jersey Total	**5,695,144**	**5,725,157**	**5,738,347**	**5,783,808**	**5,723,936**	**5,724,306**	**5,728,569**	**5,965,220**	**5,967,716**	**5,971,891**
Fairfield	934,215	939,983	941,618	947,328	944,348	943,926	944,306	956,446	958,371	959,099
New Haven	863,148	862,224	860,874	862,127	859,339	857,513	855,733	864,751	866,377	862,028
Litchfield	187,542	186,304	185,141	184,454	183,031	182,002	181,143	185,175	185,765	158,732
Connecticut Total	**1,984,905**	**1,988,511**	**1,987,633**	**1,993,909**	**1,986,718**	**1,983,441**	**1,981,182**	**2,006,372**	**2,010,513**	**1,979,859**
NY-NJ-CT Region Total	**20,938,020**	**21,056,199**	**21,106,298**	**21,267,482**	**21,062,524**	**21,033,342**	**20,994,616**	**21,750,772**	**21,645,218**	**21,516,566**
Percentage to U.S. Total	**6.7%**	**6.7%**	**6.6%**	**6.5%**	**6.5%**	**6.5%**	**6.4%**	**6.6%**	**6.5%**	**6.5%**
US Population	**314,107,084**	**316,515,021**	**318,558,162**	**325,719,178**	**322,903,030**	**324,697,795**	**326,569,308**	**329,725,481**	**331,097,593**	**332,387,540**

Source: American Community Survey - US Census Bureau

TABLE F-6 PUBLIC SCHOOL ENROLLMENT

County \ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Bronx	330,701	344,046	342,715	336,222	331,628	320,299	N/A	312,026	299,641	297,550
Kings	468,831	480,314	460,688	470,256	433,965	420,489	N/A	426,369	421,217	420,117
New York	186,727	185,178	182,512	184,956	176,829	164,468	N/A	161,801	167,350	154,107
Queens	435,442	440,572	443,752	438,562	421,071	404,413	N/A	411,298	416,492	404,462
Richmond	90,388	89,867	92,788	88,866	83,435	86,844	N/A	83,930	89,494	89,670
New York City	**1,512,089**	**1,539,977**	**1,522,455**	**1,518,862**	**1,446,928**	**1,396,513**		**1,395,424**	**1,394,194**	**1,365,906**
Dutchess	57,965	55,905	54,045	55,066	52,618	49,842	N/A	46,289	47,345	47,911
Nassau	256,426	259,118	252,675	257,487	250,149	245,525	N/A	250,957	248,424	260,999
Orange	79,644	76,884	78,964	79,213	77,917	80,232	N/A	76,863	73,769	72,092
Putnam	19,748	18,399	19,667	18,204	18,866	17,477	N/A	17,008	16,850	16,525
Rockland	53,382	54,327	51,686	54,581	46,281	45,577	N/A	49,342	49,068	45,318
Suffolk	326,756	322,707	314,084	311,800	306,638	306,511	N/A	298,279	301,502	299,236
Westchester	186,189	186,727	185,844	182,614	182,600	173,713	N/A	180,118	174,659	172,298
New York Suburban	**980,110**	**974,067**	**956,965**	**958,965**	**935,069**	**918,877**		**918,856**	**911,617**	**914,379**
New York Total	**2,492,199**	**2,514,044**	**2,479,420**	**2,477,827**	**2,381,997**	**2,315,390**		**2,314,280**	**2,305,811**	**2,280,285**
Bergen	189,894	181,839	175,266	164,350	177,972	177,196	N/A	176,577	175,897	177,225
Essex	179,639	173,234	178,203	179,467	170,975	175,769	N/A	178,772	185,273	184,807
Hudson	130,363	121,553	126,239	120,906	121,684	123,318	N/A	123,943	120,744	129,081
Middlesex	188,405	189,179	191,560	189,130	188,794	181,144	N/A	168,531	176,972	173,008
Monmouth	130,063	120,417	124,020	128,908	116,765	114,776	N/A	118,502	118,777	117,629
Morris	97,419	99,340	96,826	98,981	98,494	96,370	N/A	98,204	93,602	95,421
Passaic	113,804	113,369	117,870	113,925	107,868	109,099	N/A	108,344	114,403	106,001
Somerset	69,174	65,142	71,584	68,059	72,424	65,706	N/A	67,046	63,672	64,831
Union	124,172	115,400	121,901	122,015	120,062	122,271	N/A	123,117	118,867	119,475
New Jersey Total	**1,222,933**	**1,179,473**	**1,203,469**	**1,185,741**	**1,175,038**	**1,165,649**		**1,163,036**	**1,168,207**	**1,167,478**
Fairfield	192,651	193,146	191,300	194,093	189,320	190,165	N/A	180,034	183,513	181,966
New Haven	170,989	166,392	166,745	164,350	165,183	161,531	N/A	156,545	163,390	159,852
Litchfield	32,638	32,940	33,733	29,938	30,768	30,841	N/A	30,718	32,510	30,732
Connecticut Total	**396,278**	**392,478**	**391,778**	**388,381**	**385,271**	**382,537**		**367,297**	**379,413**	**372,550**
NY-NJ-CT Region Total	**4,111,410**	**4,085,995**	**4,074,667**	**4,051,949**	**3,942,306**	**3,863,576**	**-**	**3,844,613**	**3,853,431**	**3,820,313**
Percentage to U.S. Total	**6.0%**	**6.0%**	**6.0%**	**5.9%**	**5.8%**	**5.7%**	**N/A**	**5.9%**	**5.9%**	**5.8%**
U.S. Total	**68,921,593**	**68,485,068**	**68,445,638**	**68,193,274**	**67,749,242**	**67,306,373**		**65,058,308**	**65,194,899**	**65,485,445**

Source: American Community Survey - US Census Bureau
N/A: Not available.

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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FOOD & BEVERAGES	1.80	2.00	0.40	1.30	2.30	1.70	3.50	3.80	8.60	5.00
Food at home	1.80	1.60	-1.70	0.60	1.60	0.90	3.60	2.70	10.20	4.10
Food Away from Home	2.20	2.60	3.30	2.40	3.00	2.80	3.60	5.40	6.70	6.60
HOUSING	**2.20**	**1.00**	**1.90**	**2.40**	**2.10**	**1.80**	**1.60**	**2.10**	**4.50**	**4.80**
Shelter	2.70	2.50	2.90	2.40	2.10	2.20	1.90	1.20	2.90	5.80
Rent, Residential	3.00	3.10	3.40	2.50	2.00	3.00	2.00	0.20	2.50	5.70
Homeowners' Cost	2.70	2.40	2.90	2.30	2.40	2.00	2.20	1.20	3.30	5.80
Fuel & Utilities	2.70	-8.90	-4.00	5.40	4.70	-1.20	-0.30	6.80	18.20	-1.70
Furnishings & Operations	-2.50	-2.60	-2.70	-1.50	-0.90	1.20	0.70	7.40	7.20	3.30
APPAREL	**-0.50**	**3.00**	**-1.60**	**-0.10**	**-1.30**	**-3.00**	**-2.60**	**6.20**	**2.40**	**3.10**
TRANSPORTATION	**-0.80**	**-7.10**	**-2.10**	**2.70**	**3.50**	**-0.40**	**-2.80**	**10.40**	**12.90**	**2.80**
Private	-0.70	-8.30	-2.40	3.50	4.30	-0.70	-1.70	13.80	14.90	2.90
Gasoline	-4.20	-29.40	-10.50	17.00	12.70	-4.60	-14.90	32.00	31.10	-11.60
MEDICAL CARE	**2.70**	**2.50**	**3.70**	**2.60**	**2.50**	**4.70**	**4.50**	**0.70**	**5.80**	**-0.80**
OTHER GOODS & SERVICES	**1.10**	**1.30**	**2.50**	**1.50**	**2.20**	**1.80**	**1.20**	**2.30**	**4.40**	**3.10**
All Items (Inflation Rate)	**1.30**	**0.10**	**1.10**	**2.00**	**1.90**	**1.70**	**1.70**	**3.30**	**6.10**	**3.80**
US All Items (Inflation Rate)	**1.60**	**0.10**	**1.30**	**2.10**	**2.40**	**1.80**	**1.20**	**4.70**	**8.00**	**4.10**
Passenger Vehicles in Study Region New York Counties	**5,209,754**	**5,290,965**	**5,355,825**	**5,385,734**	**5,391,419**	**5,339,901**	**5,253,874**	**5,406,247**	**5,421,000**	**5,482,835**

Source: American Community Survey - US Census Bureau

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

In Millions of Dollars

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Gross Domestic Product	1,537,140	1,602,705	1,657,457	1,714,074	1,812,675	1,885,803	1,861,308	2,025,175	2,171,528	2,298,868
Growth Rate	4.00	4.30	3.42	3.42	5.75	4.03	-1.30	8.80	7.23	5.86

Source: American Community Survey - US Census Bureau