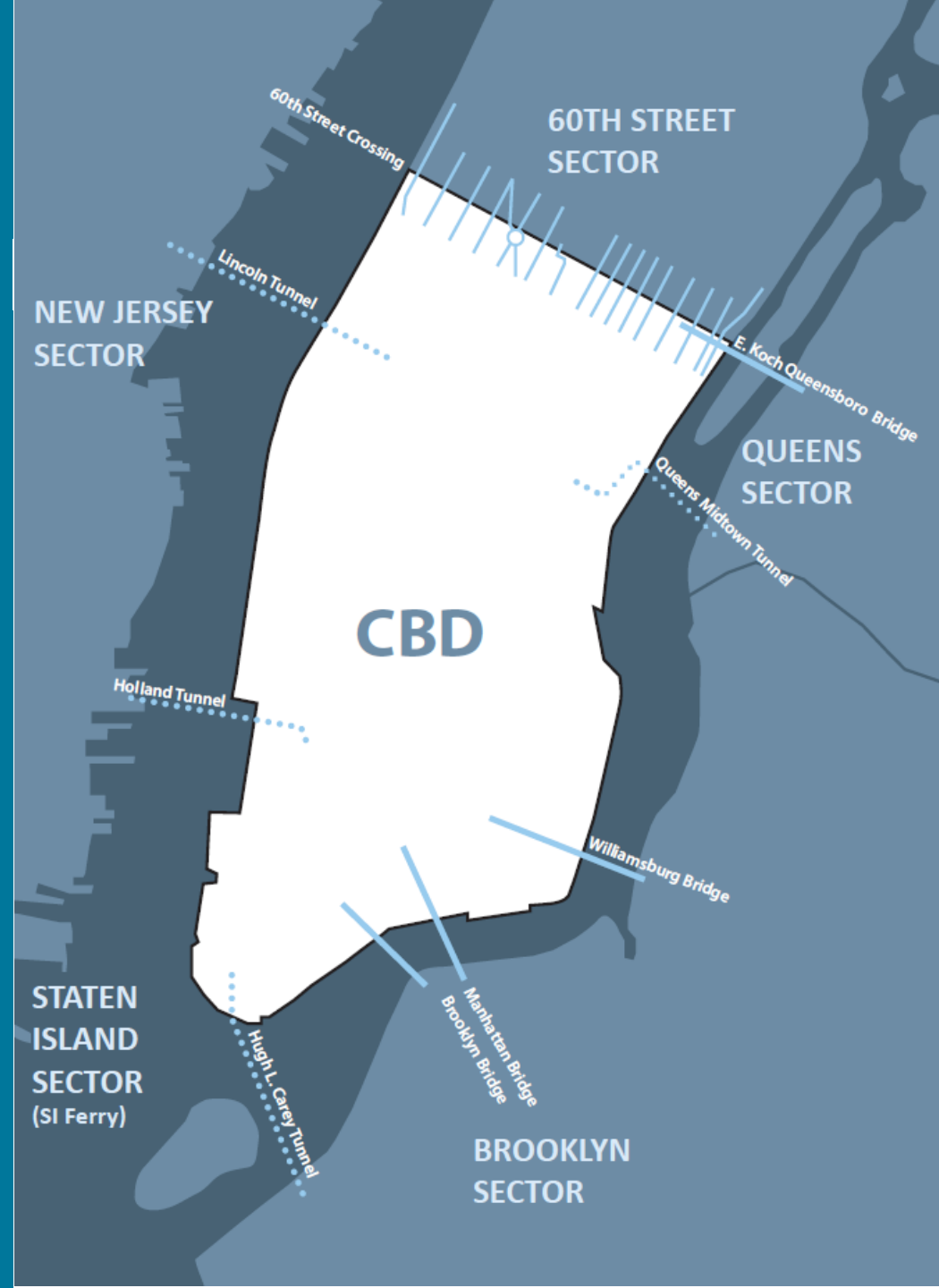


2023 Hub Bound Data

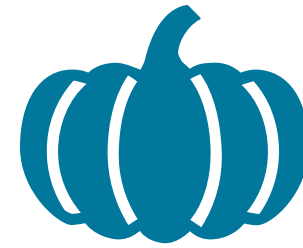
Key Insights into NYMTC's New Hub Bound Travel Data

New York Central Business District (CBD): the “HUB”



When?

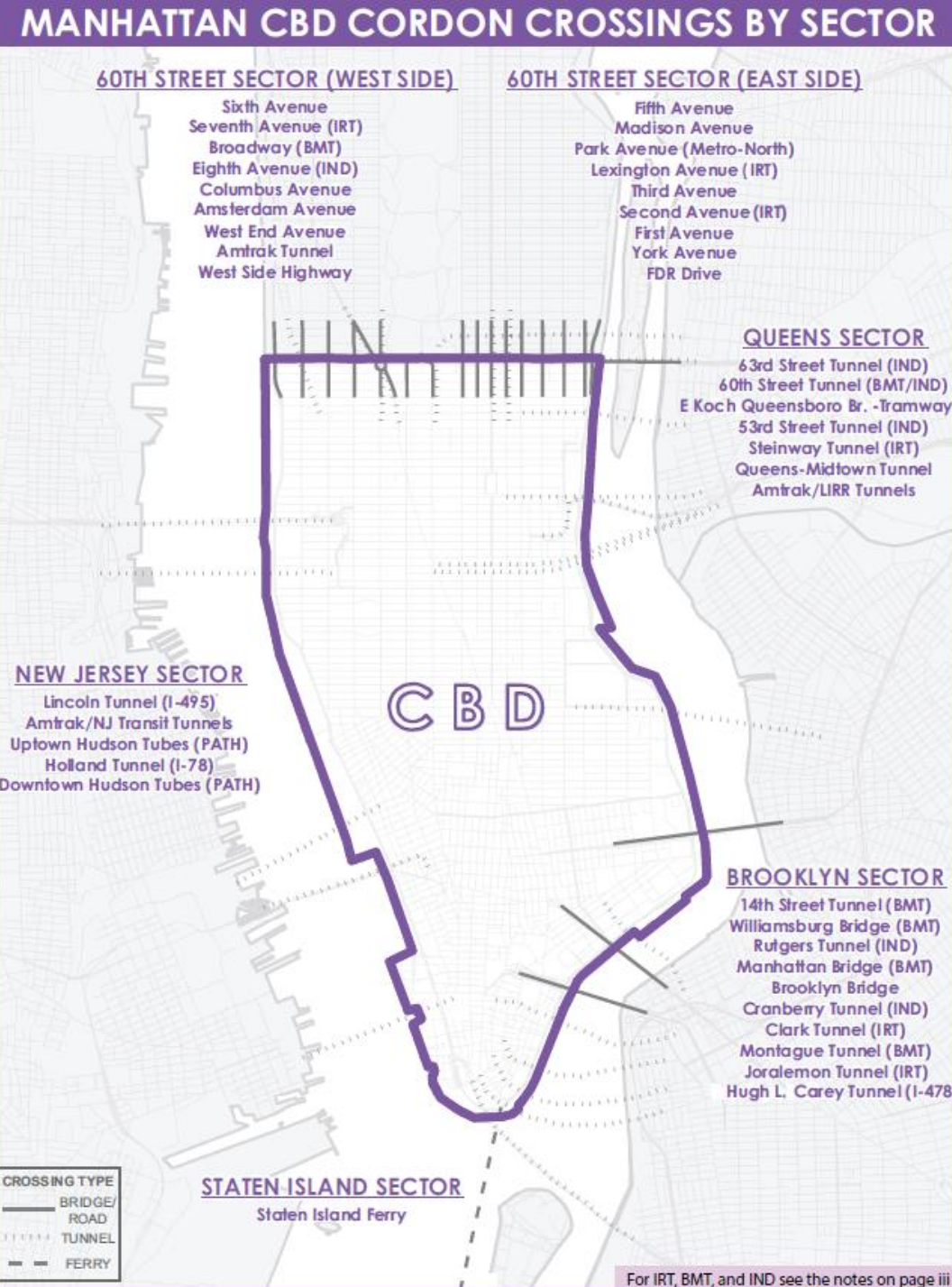
Typical Fall Business Day



By Hour



Where?



What?

- **Subway:** Serves intra-city riders/PATH
- **Bus:** NYC Transit/MTA Bus Company/NJ-Toll
- **Suburban Rail:** MTA Metro-North/LIRR/NJ Transit
- **Intercity Rail:** AMTRAK
- **Ferry:** S.I. Ferry/Private
- **Tramway:** Roosevelt Island
- **Private Motor Vehicle:** Autos/Taxis/Vans/Trucks
- **Bicycle**

History



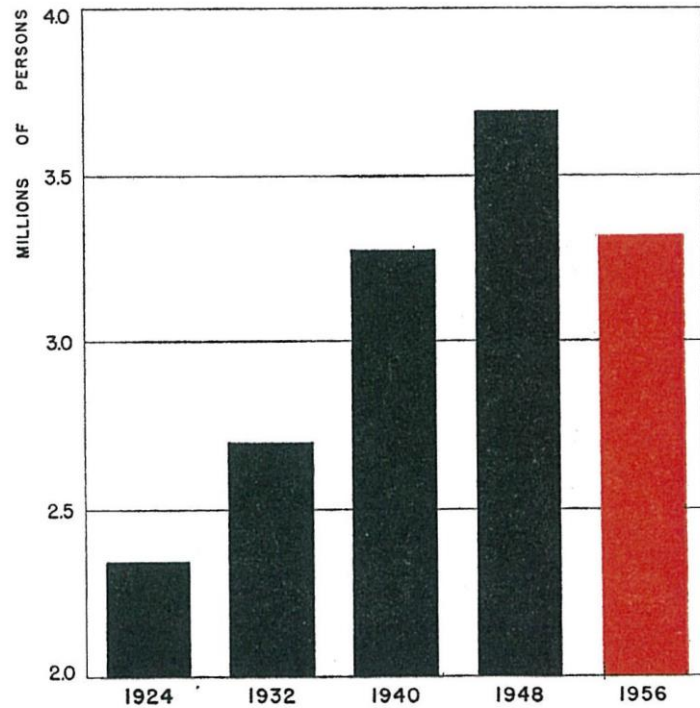
1924 – 1963
Regional Plan
Association
*(Eight-year
intervals)*

1971 – 1981
Tri-State Regional
Planning
Commission
(Annually)

1982 – Present
New York
Metropolitan
Transportation
Council
(Annually)

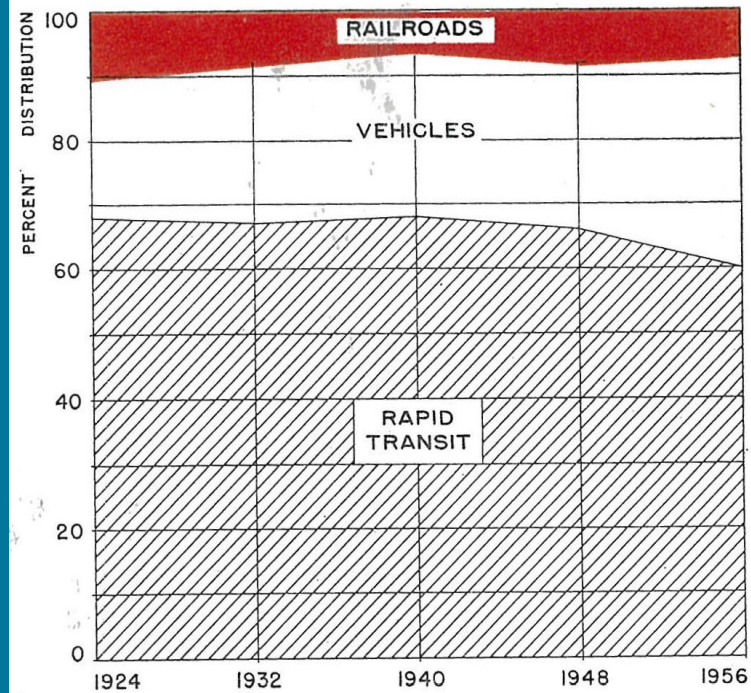
History

**PERSONS
ENTERING MANHATTAN SOUTH OF 61ST STREET
ON A TYPICAL BUSINESS DAY IN
1924, 1932, 1940, 1948 AND 1956**



Source: RPA and cooperating agencies

**PERCENT DISTRIBUTION OF PERSONS BY MODE
ENTERING MANHATTAN SOUTH OF 61ST STREET
ON A TYPICAL BUSINESS DAY IN
1924, 1932, 1940, 1948 AND 1956**



Source: RPA and cooperating agencies

Total Number of Persons Entered

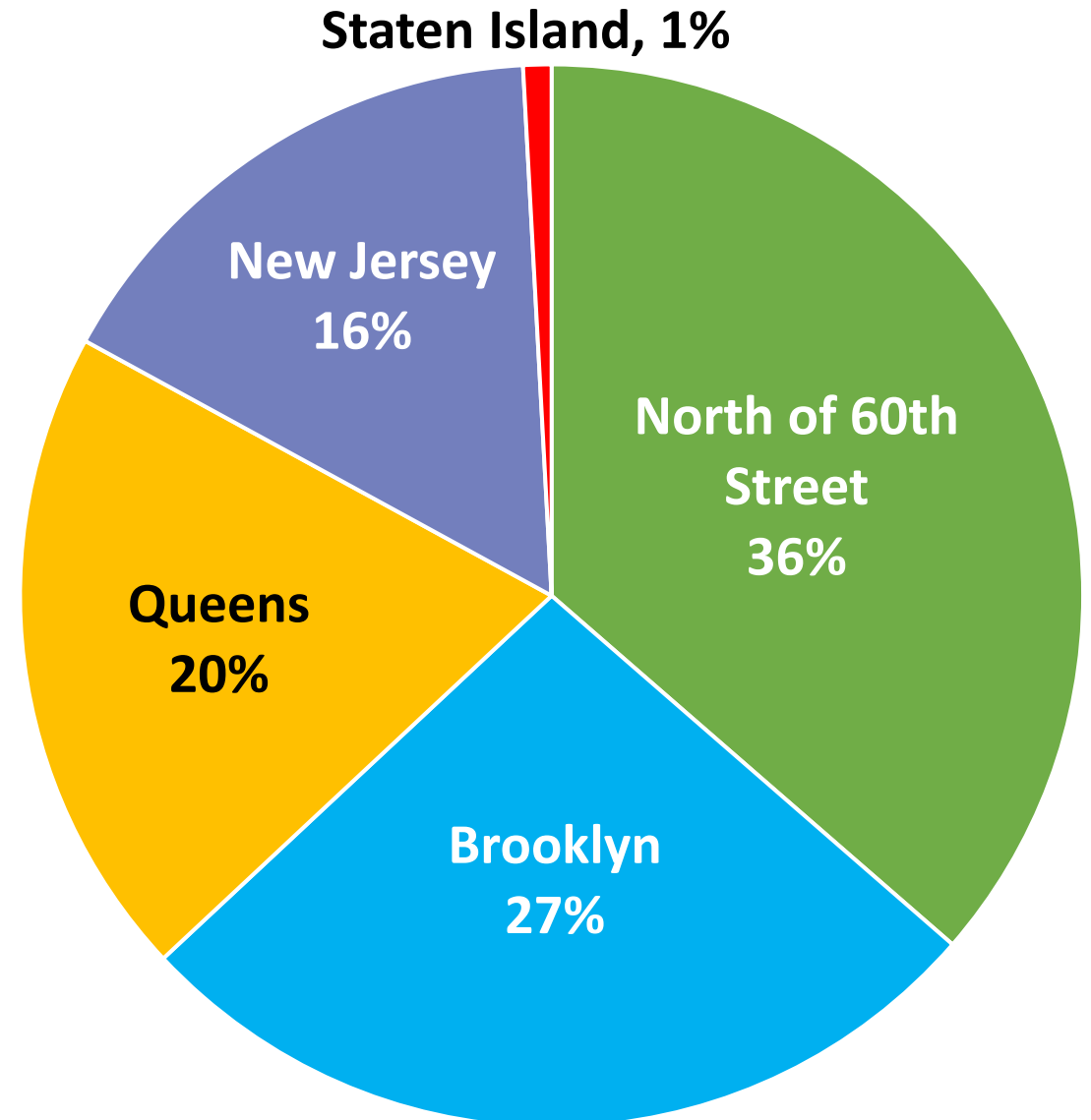
Year	Total	By Subway	By Auto
1956	3.3 M	1.9 M	828 K
2019	3.9 M	2.2 M	910 K
2023	2.9 M	1.5 M	800 K

Data Sources

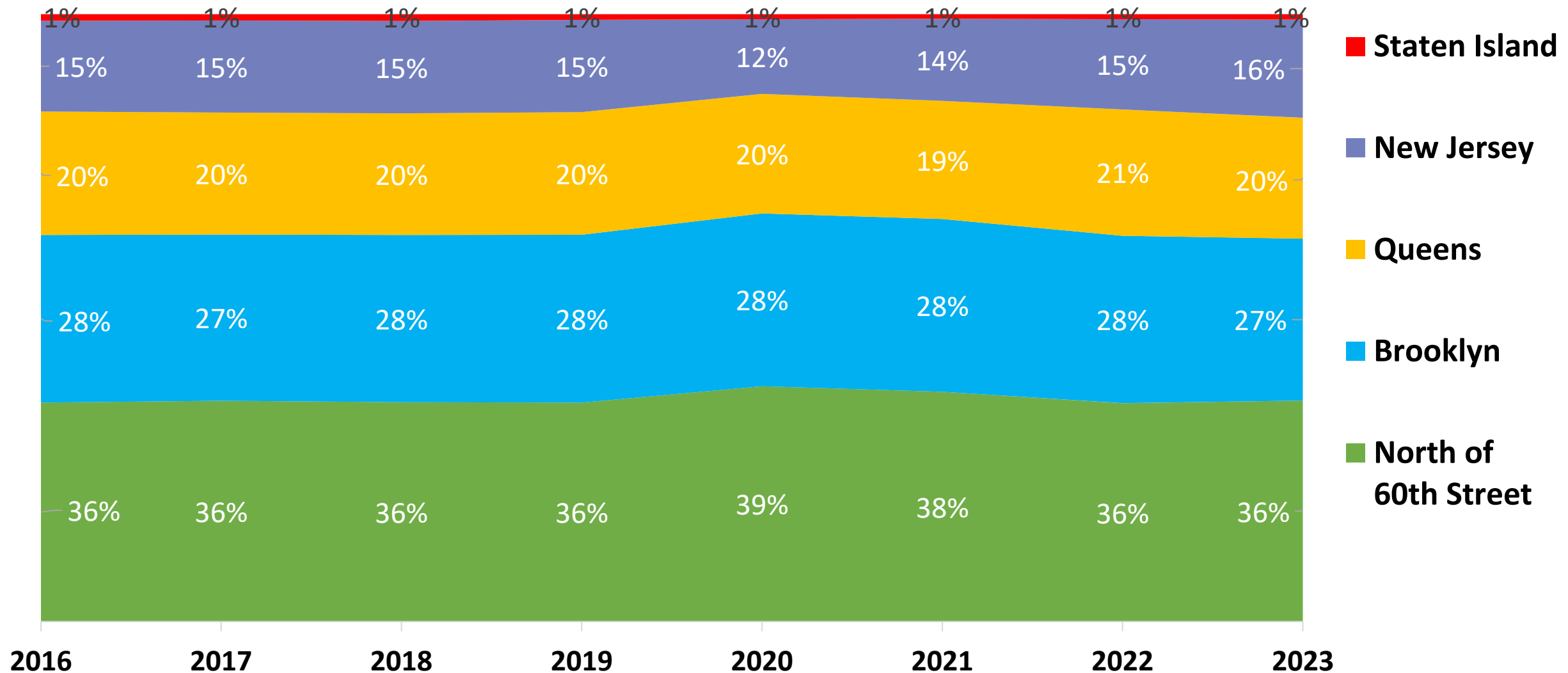
- MTA New York City Transit
- MTA Long Island Railroad
- MTA Metro-North Railroad
- MTA Bus Company
- Port Authority of New York & New Jersey (PANYNJ)
- New York City Department of Transportation (NYCDOT)
- New Jersey Transit Corporation (NJ Transit)
- National Railroad Passenger Corporation (AMTRAK)
- Staten Island Ferry – NYCDOT Ferry Division
- Private ferry ridership – NYCDOT Ferry Division
- Roosevelt Island Operating Corporation of the State of New York

Travel by Sector

**Percentage of People Entering and Leaving
the Hub on a Fall Business Day (BY SECTOR, 2023)**

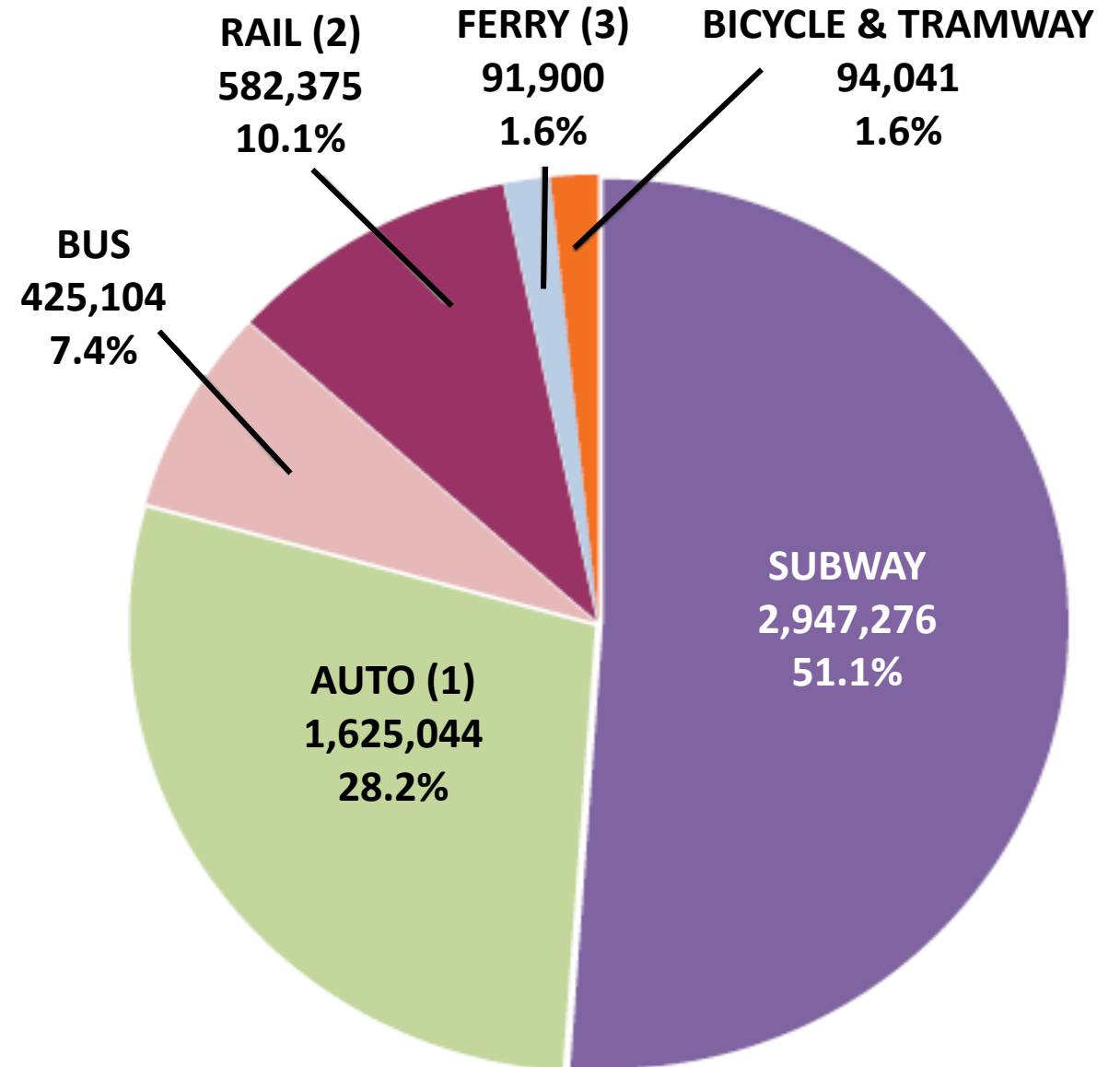


Travel by Sector (2016 – 2023)



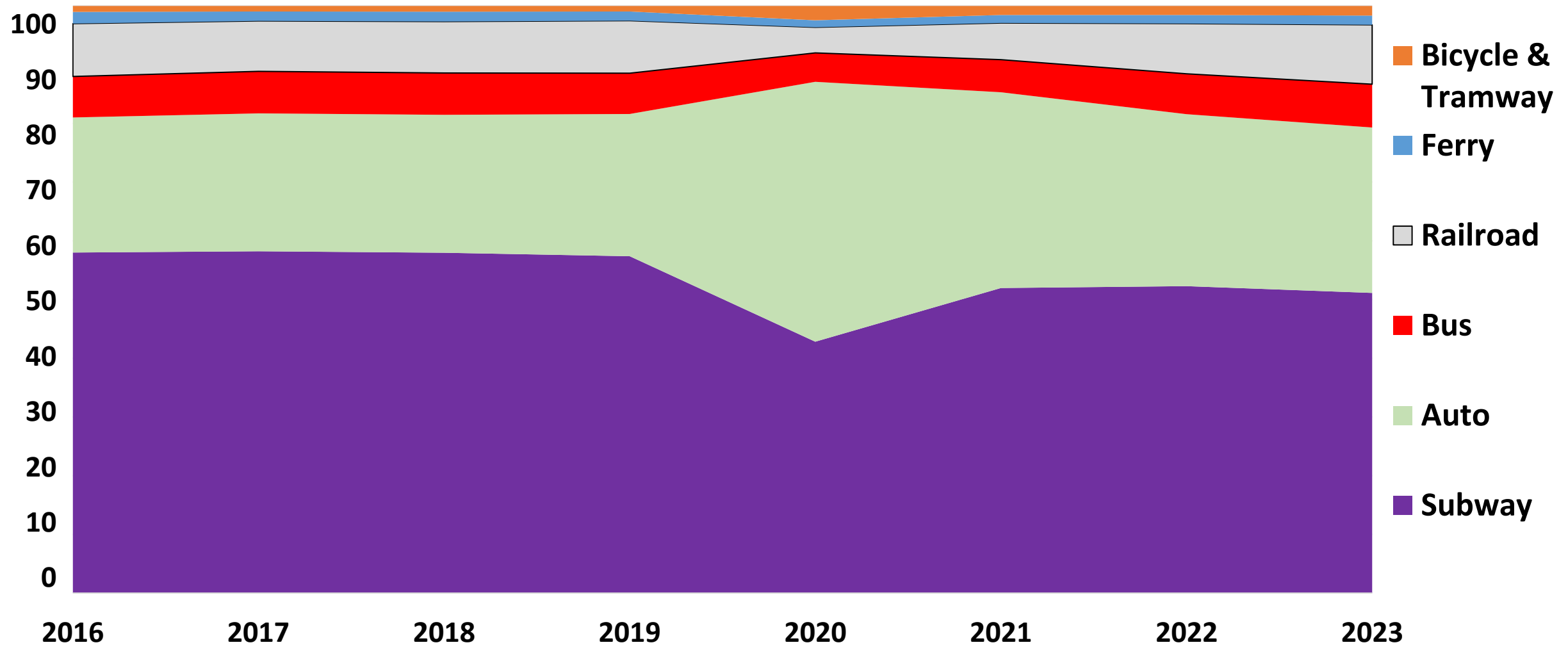
Share of Mode Usage in 2023

Total Number of People Entering and Leaving the Hub on a Fall Business Day (BY MODE, 2023)



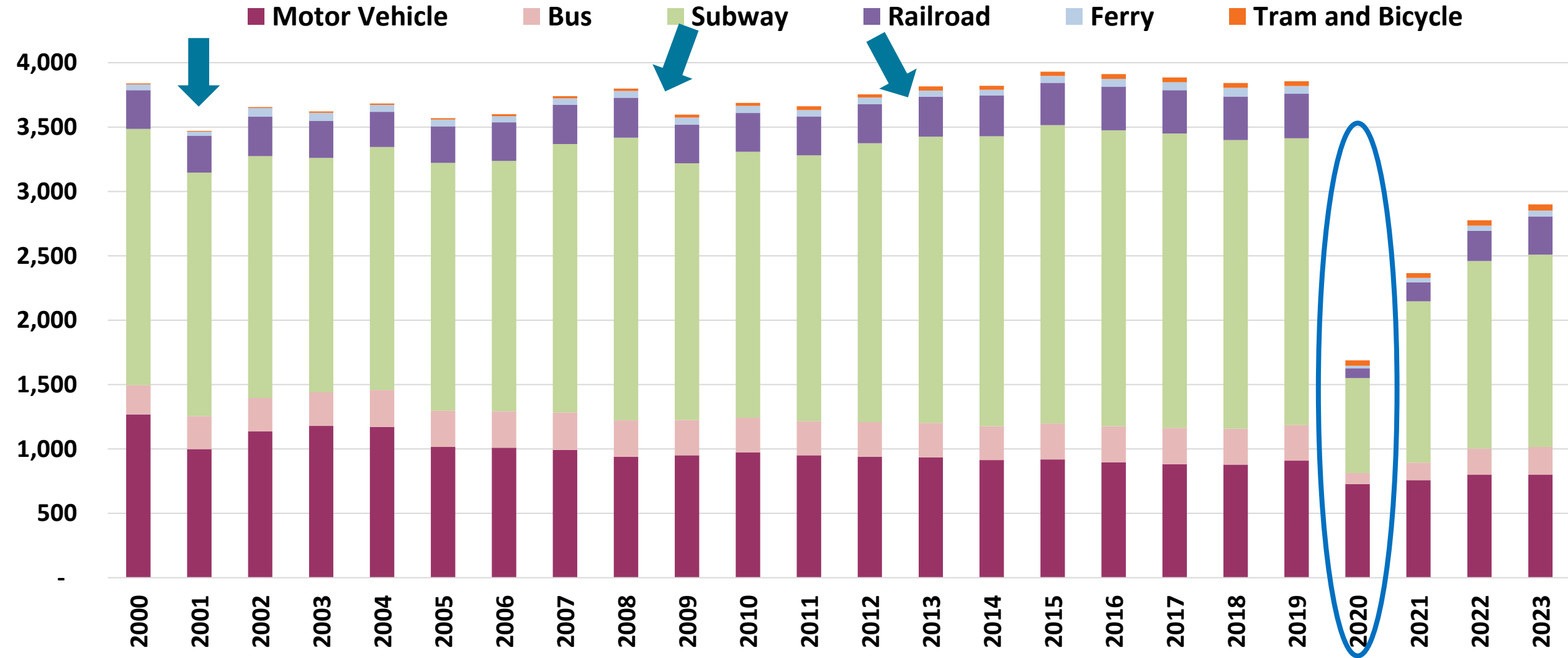
- (1) Includes: Autos, Taxis, Commuter Vans, and Trucks
- (2) Suburban and Intercity Rail Transit (NJ Transit, LIRR, etc.)
- (3) Excludes Bicyclists on Staten Island Ferry

Mode Share (2016 – 2023)

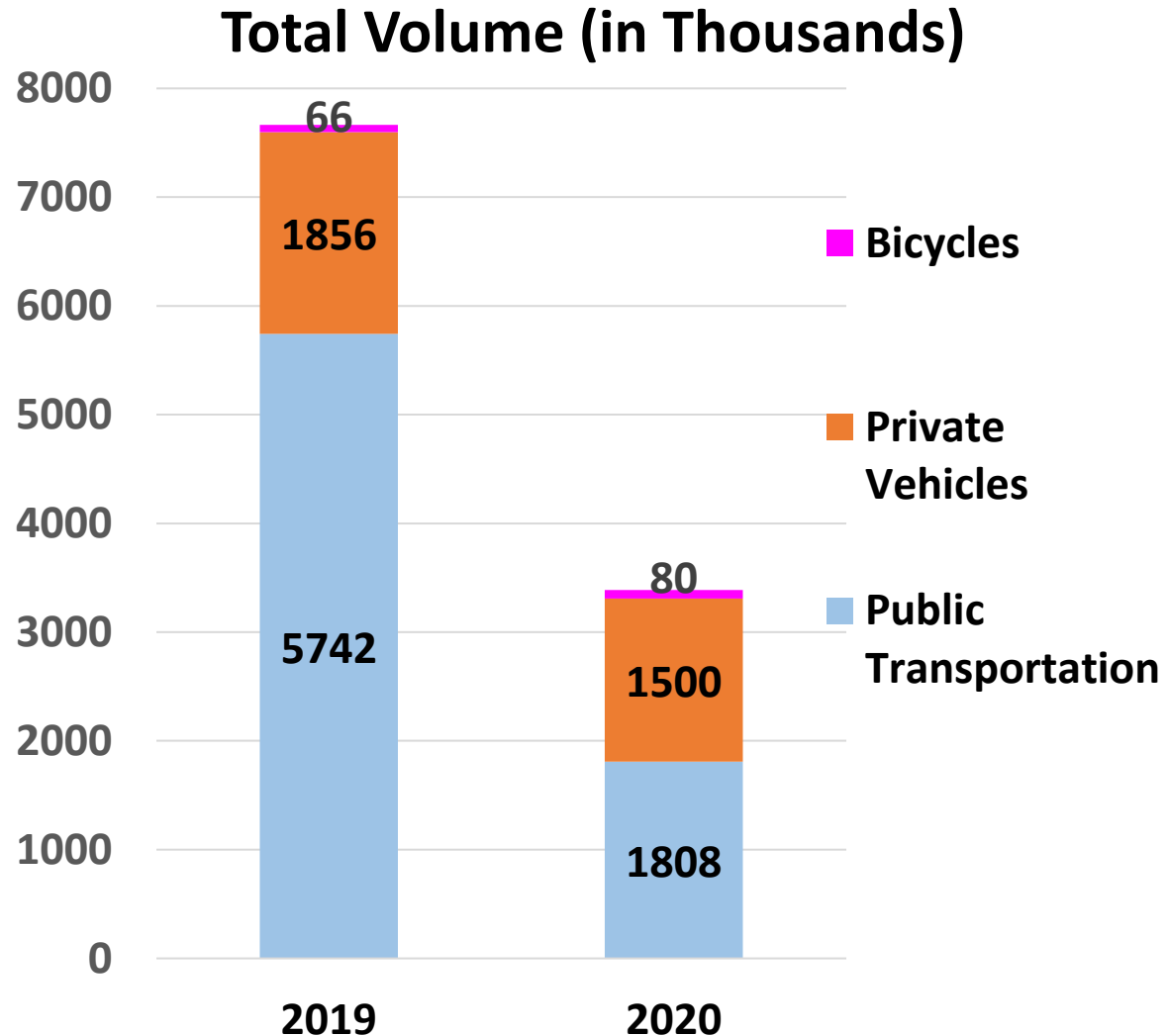


Total Volume of Travelers Entering

(in Thousands)



Pandemic Effects: Volumes

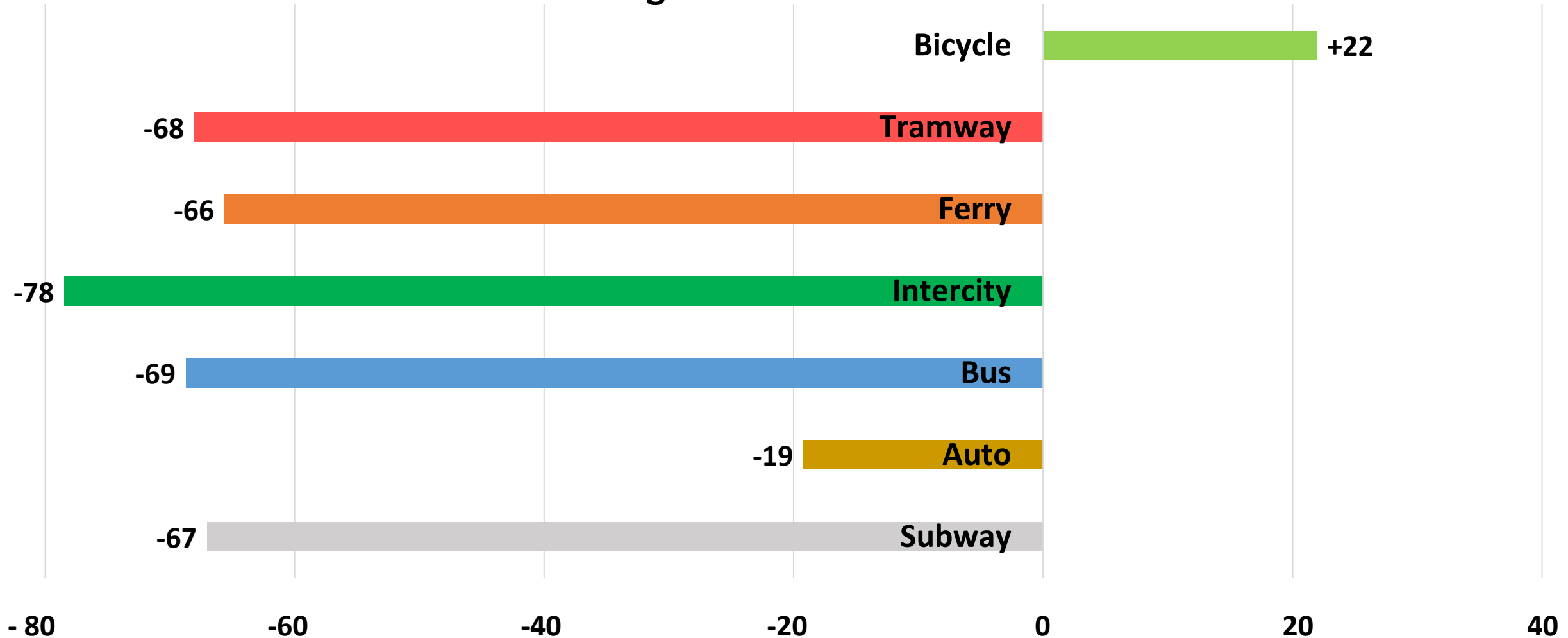


- Total volume: **-56%**
- Public Transportation: **-69%**
- Private Motor Vehicle: **-19%**
- Bicycle: **+22%**

Taking 2019 volumes as representative of pre-pandemic trends

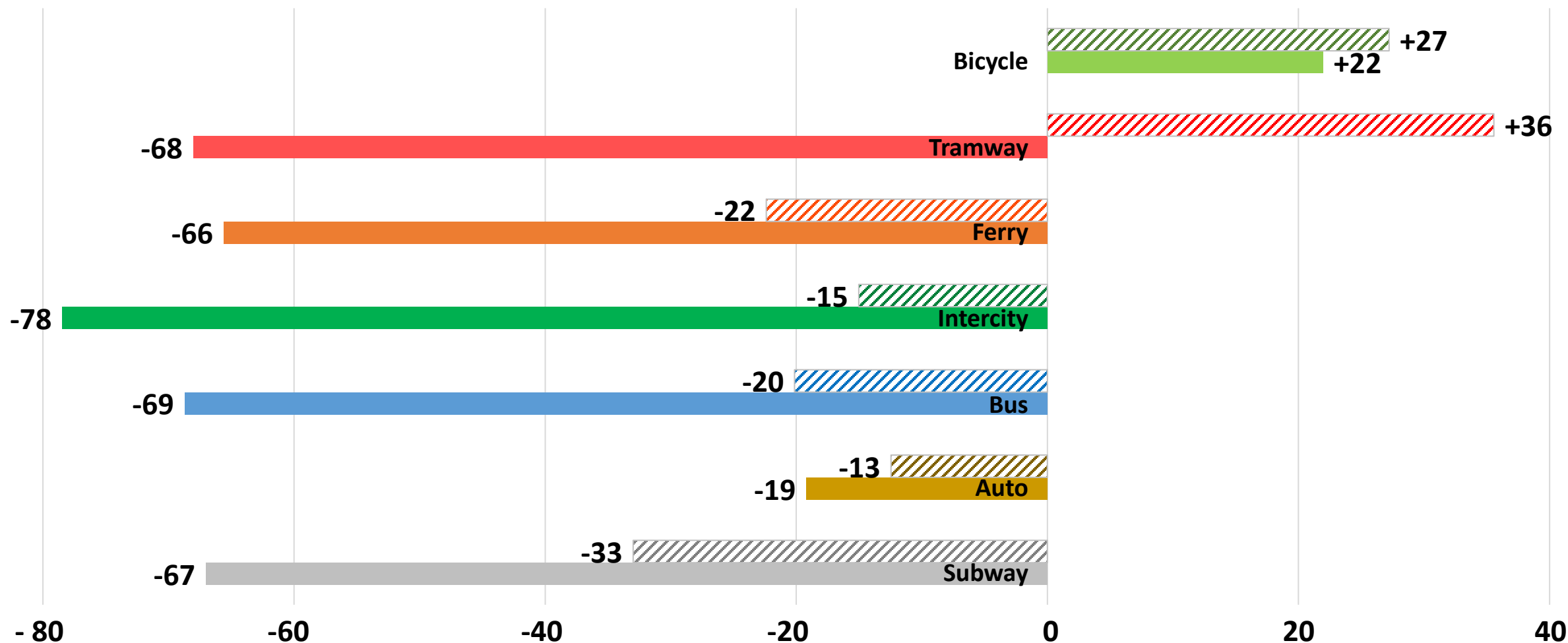
Pandemic Effects: Modes

Percent Change in Mode Use: 2019 vs. 2020



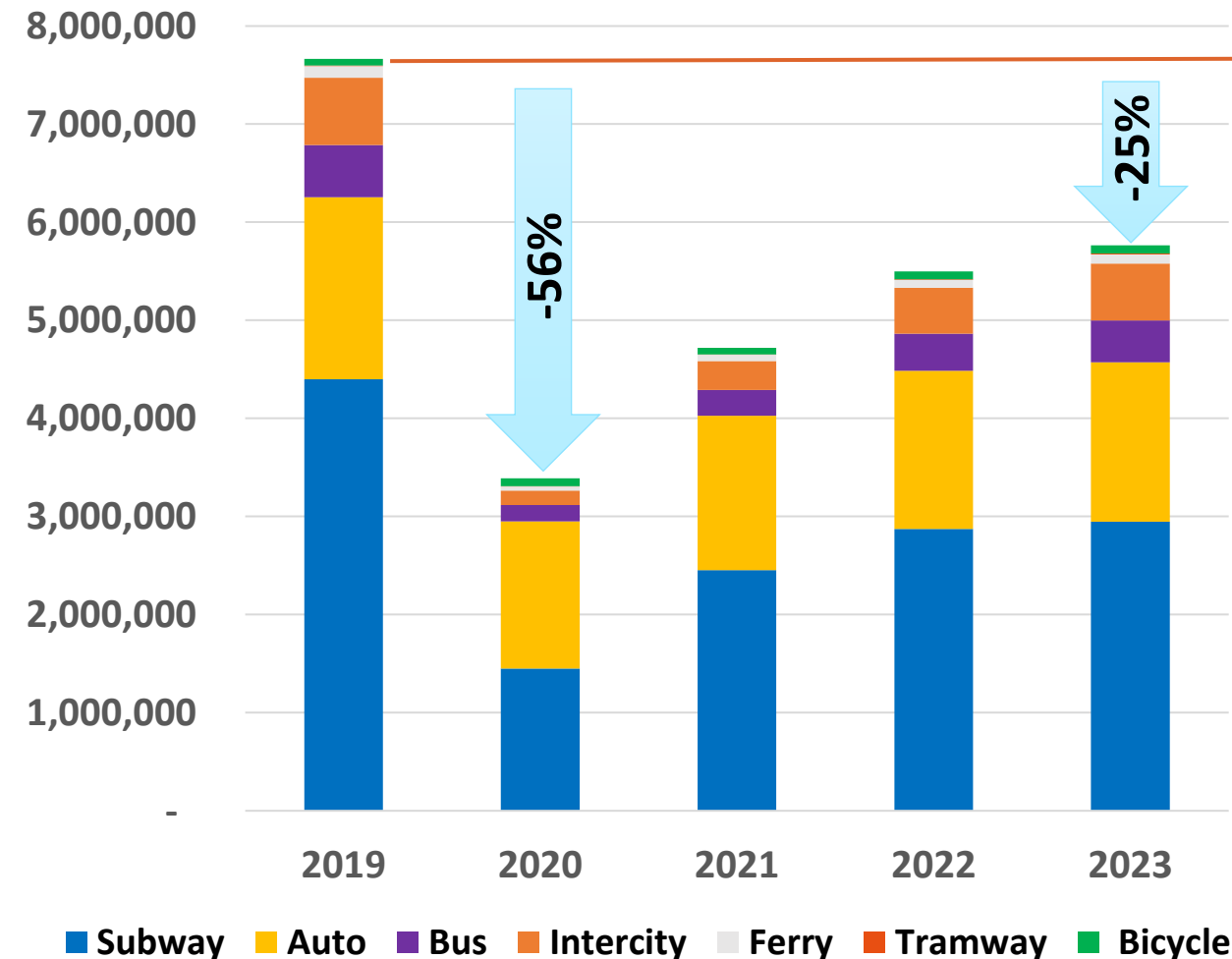
Post-pandemic Trend: Modes

Percent Change in Mode Use: 2019 vs. 2020 and 2023



Post-pandemic Trend: Volumes

Travel Volumes by Mode (2019-2023)

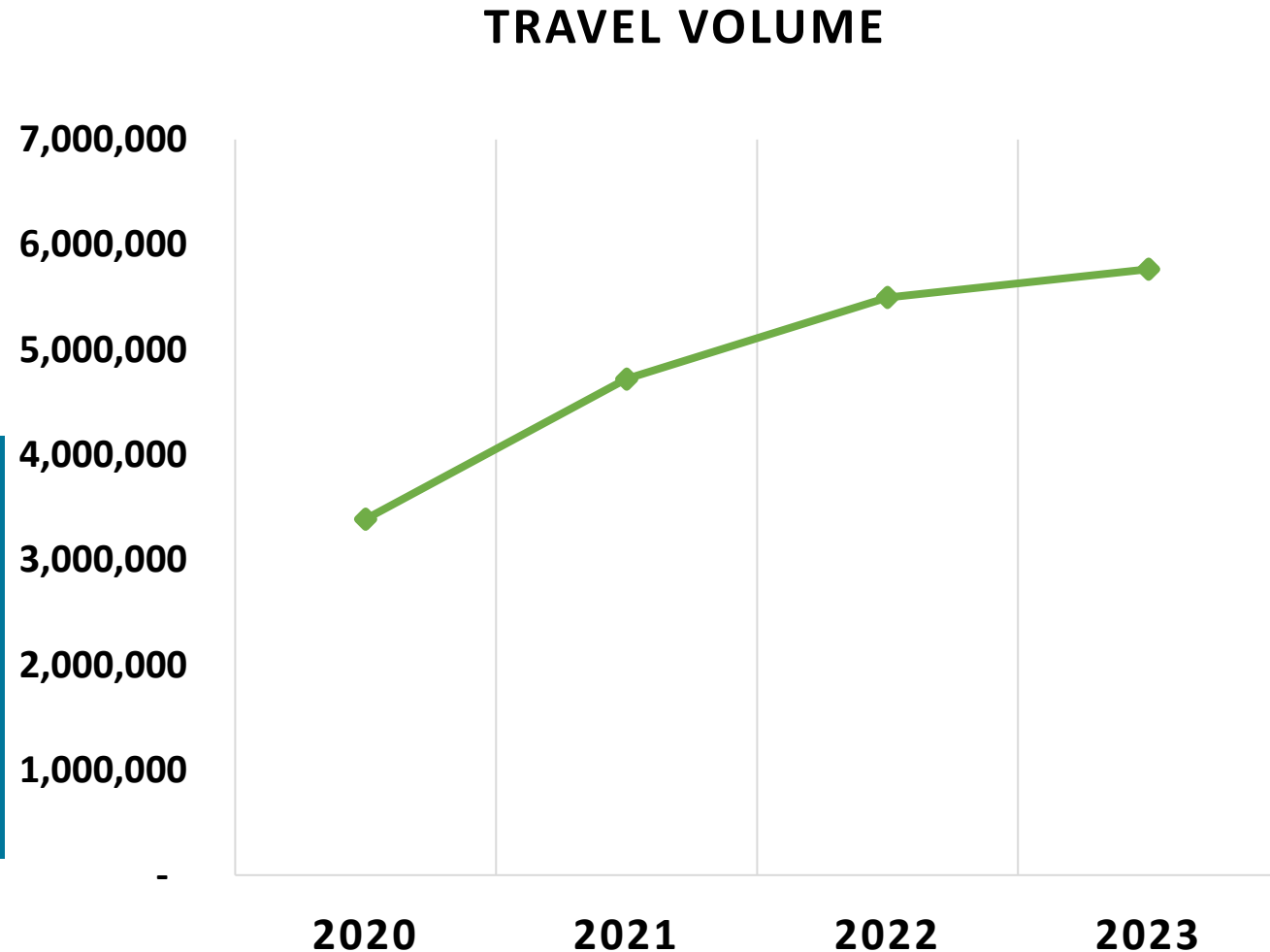


- By 2023, More than half of the travel loss in 2020 rebounded.
- 25% of the travel loss from 2019 did not yet rebound.
- Travel has not increased at a constant rate each year.

Post-pandemic Trend: Recovery Shape

- Imagine walking on the grid of this graph
- Take a step from each year to the next

The step gets less steep



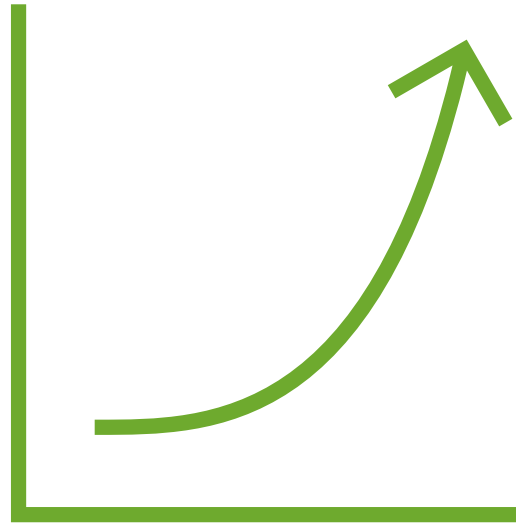
Post-pandemic Trend: Recovery Shape

Linear



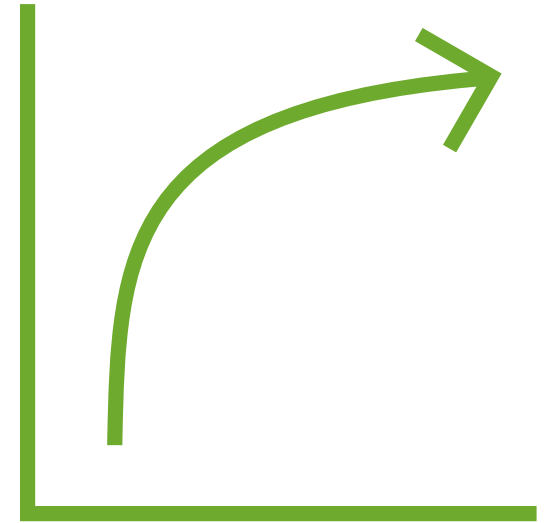
Steps stay the same

Exponential



Steps get more steep

Logarithmic

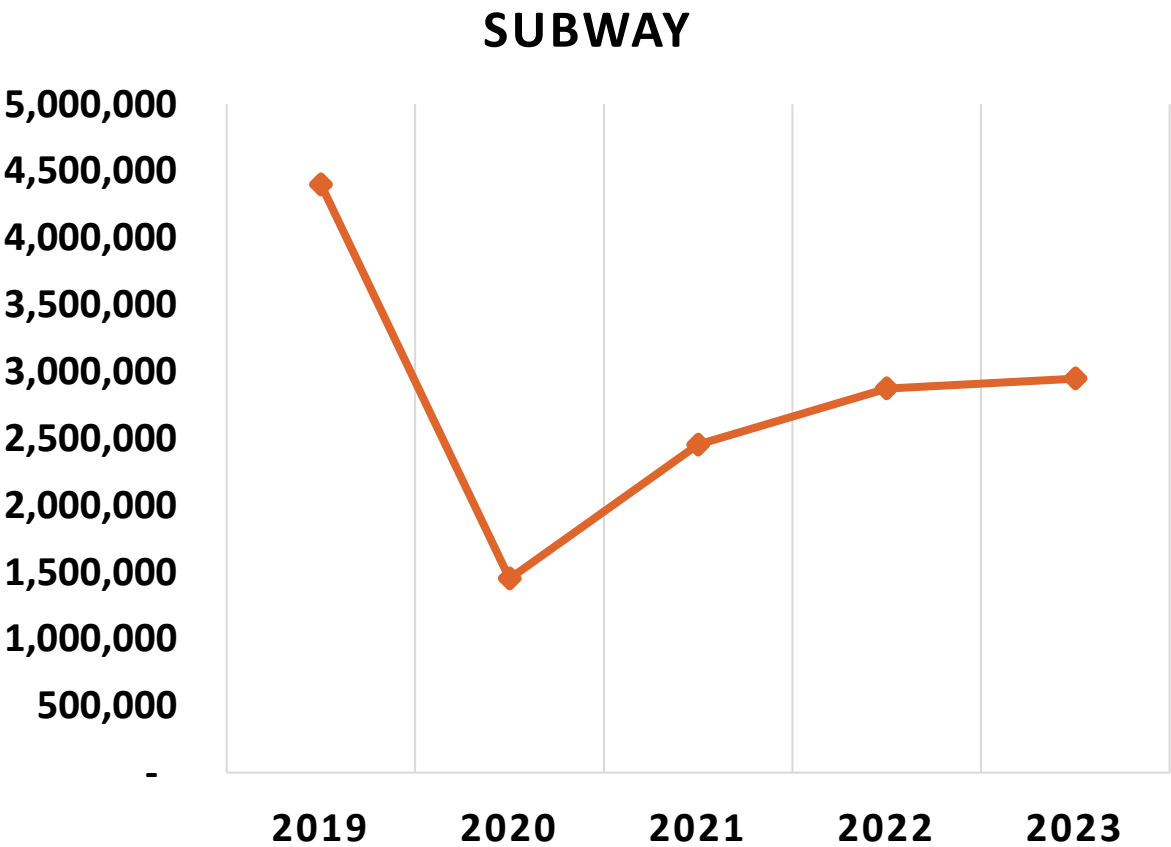


Steps get less steep

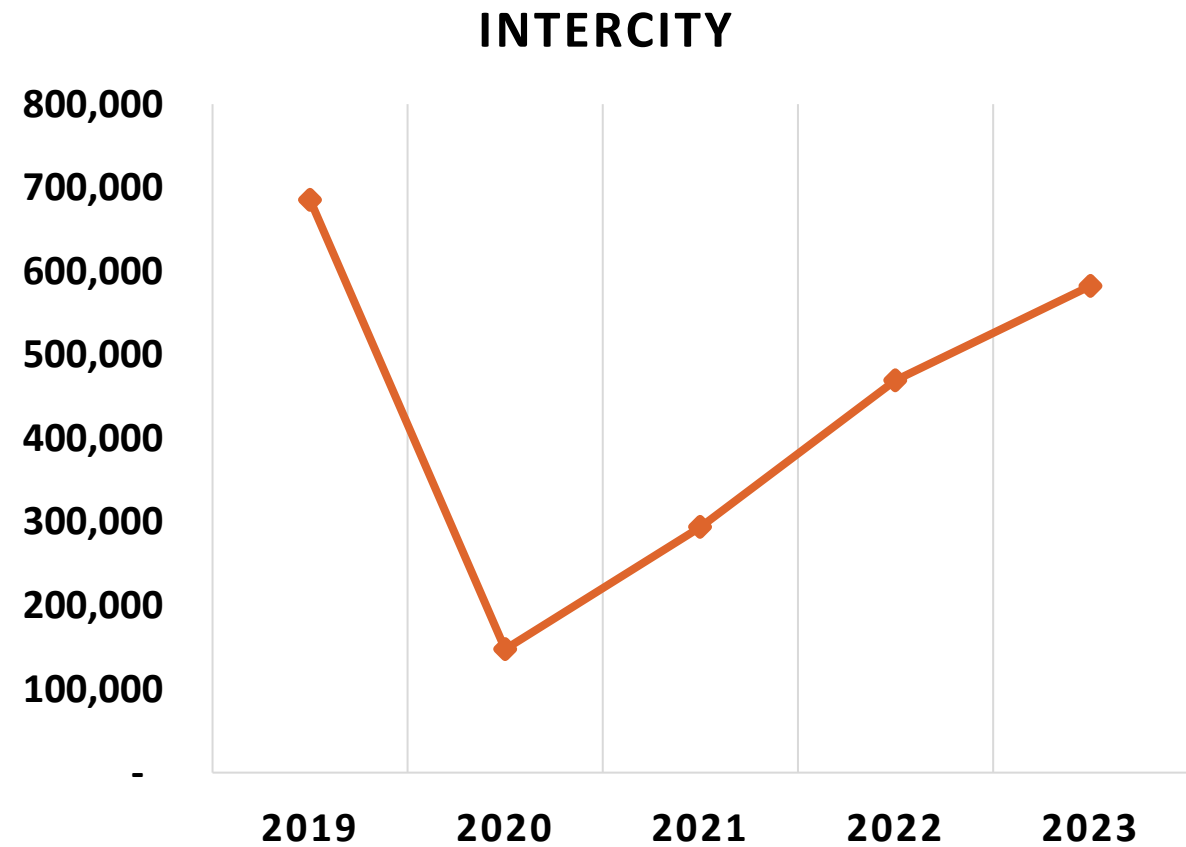
Post-pandemic Trend: Rails



How is the rate (steps) changing?



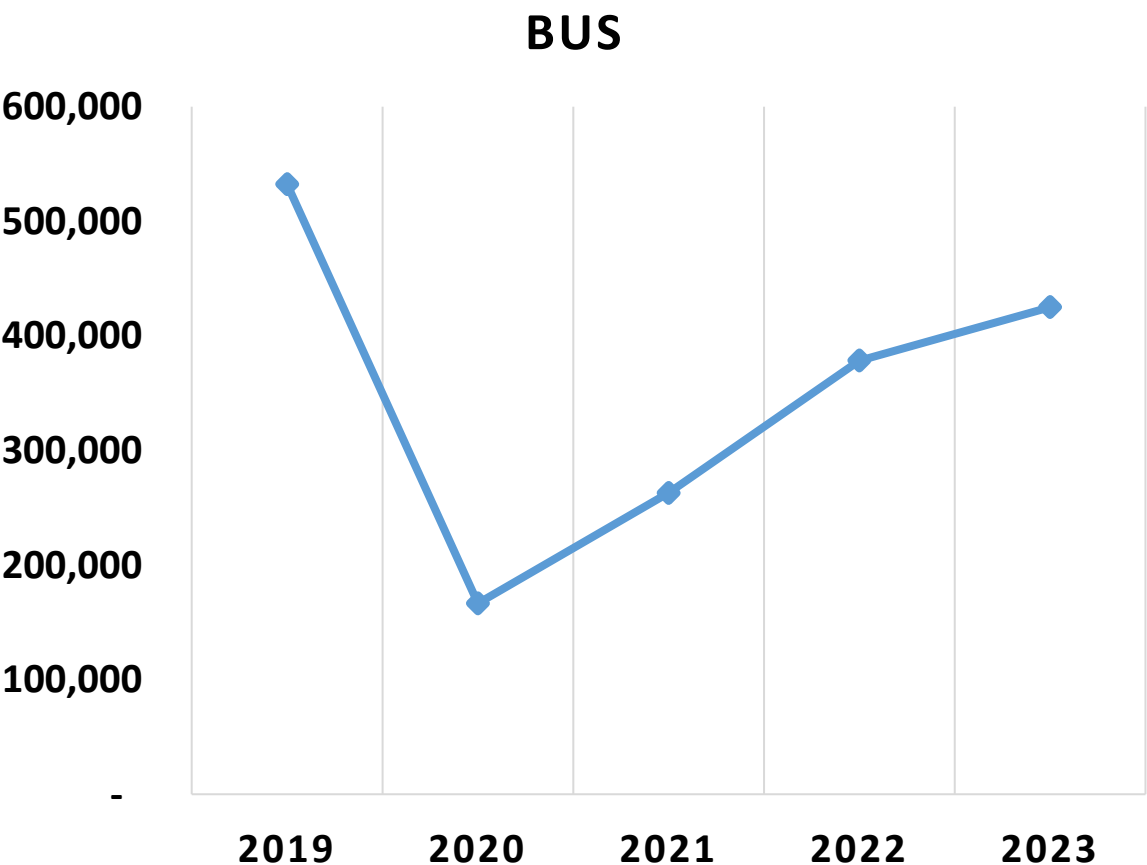
Is this rate (steps) changing differently?



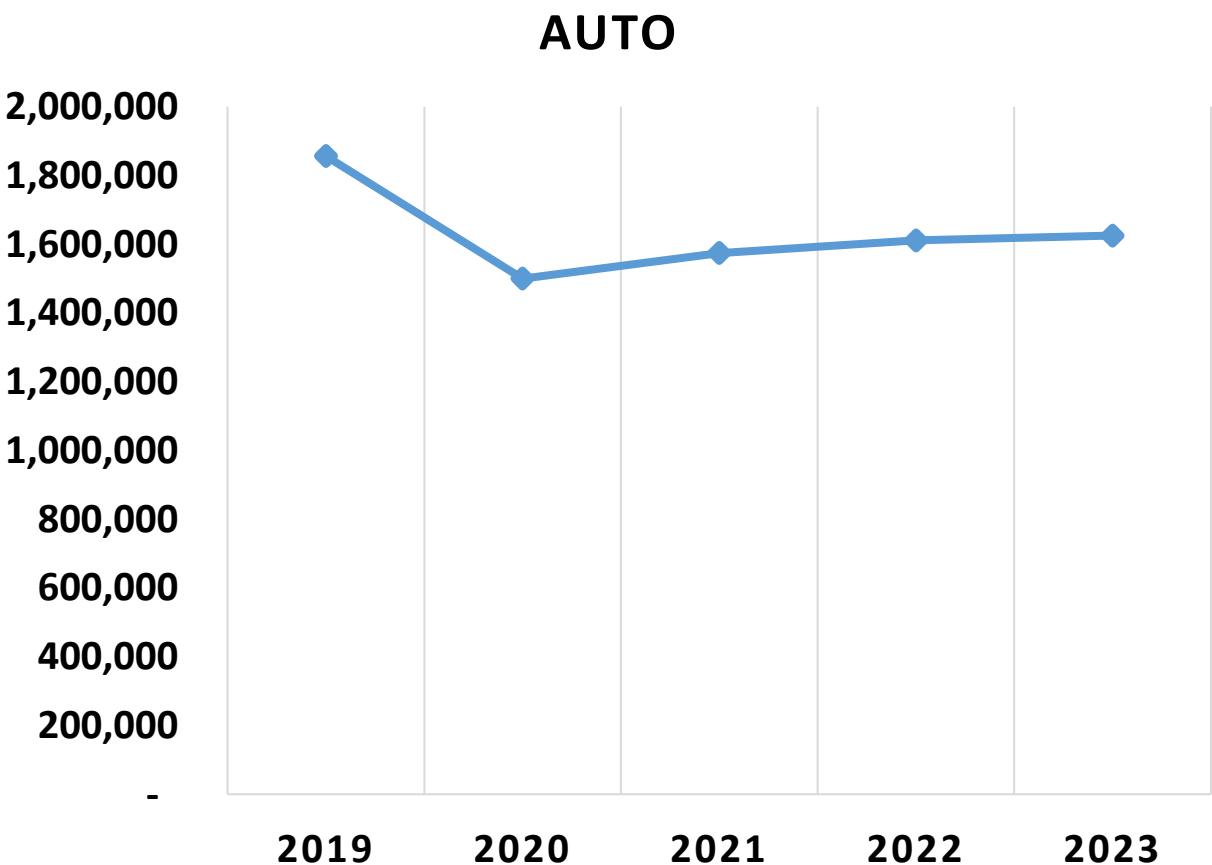
Post-pandemic Trend: Motor Vehicles



How is the rate changing?



Is the rate changing differently?

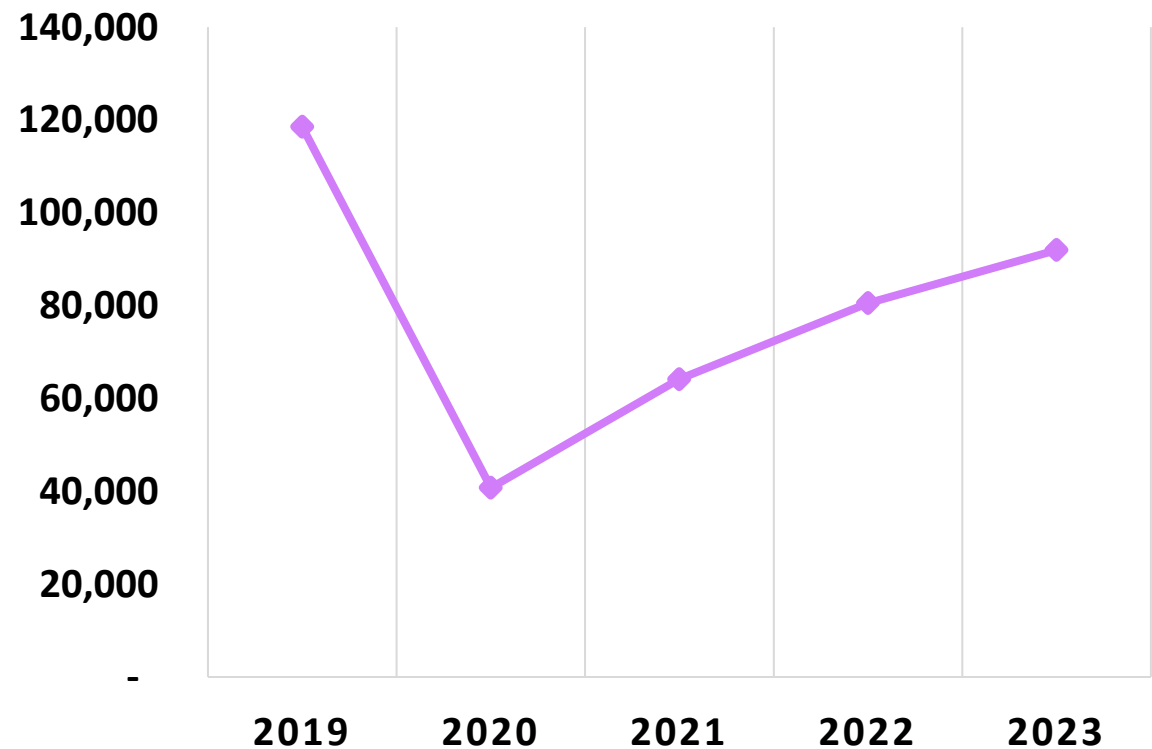


Post-pandemic Trend: Other Transit



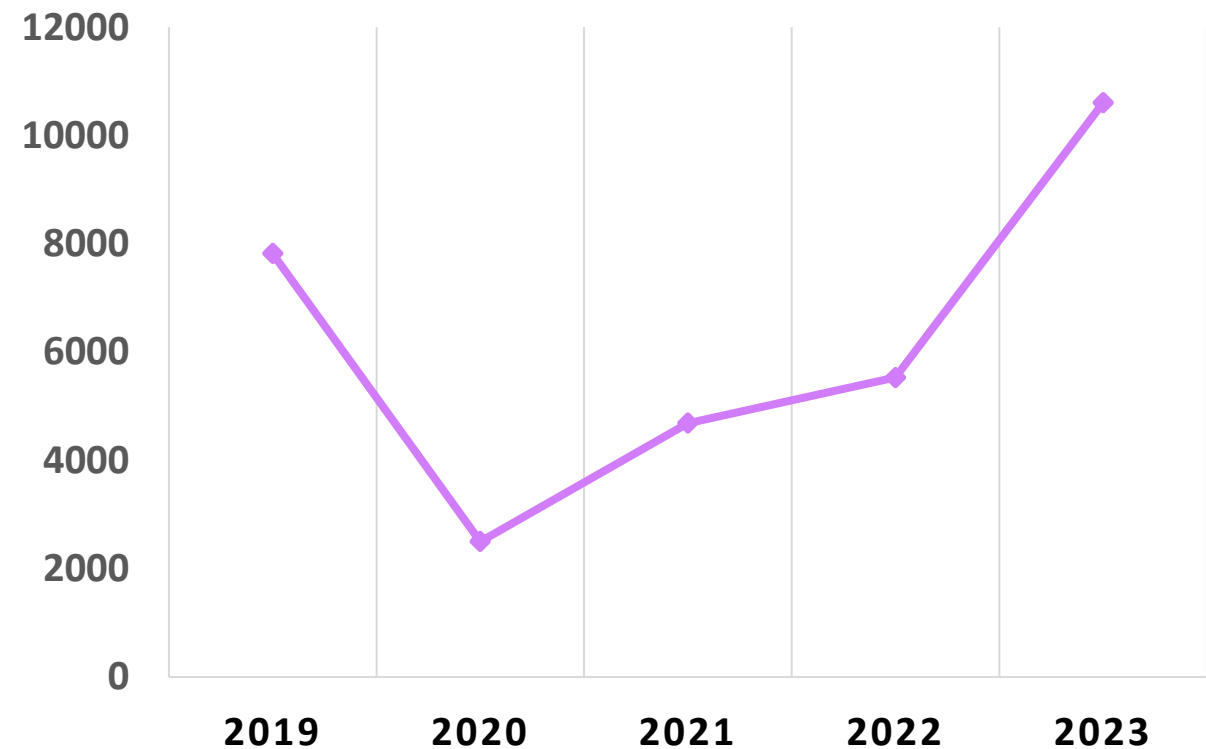
How is the rate changing?

FERRY



What is happening with the rate here?

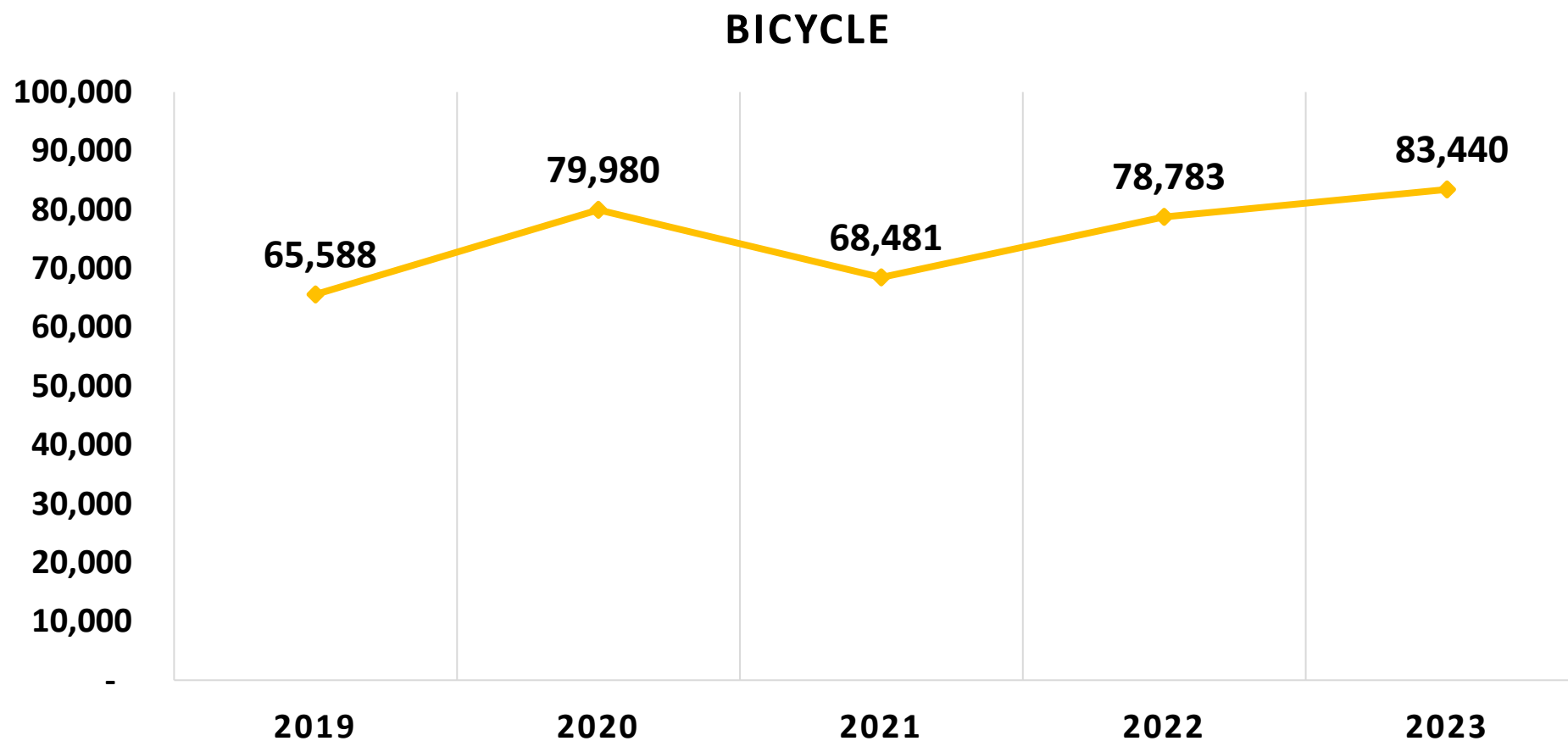
TRAMWAY



Post-pandemic Trend: Bicycle

How is the rate changing?

Does 2019 volume ever dip?





Hub Bound Travel Data 2023

NEW YORK METROPOLITAN TRANSPORTATION COUNCIL



Explore Hub Bound Data

- PDF Report
- Excel files
- TIG Visualization



NYMTC website: www.nymtc.org