

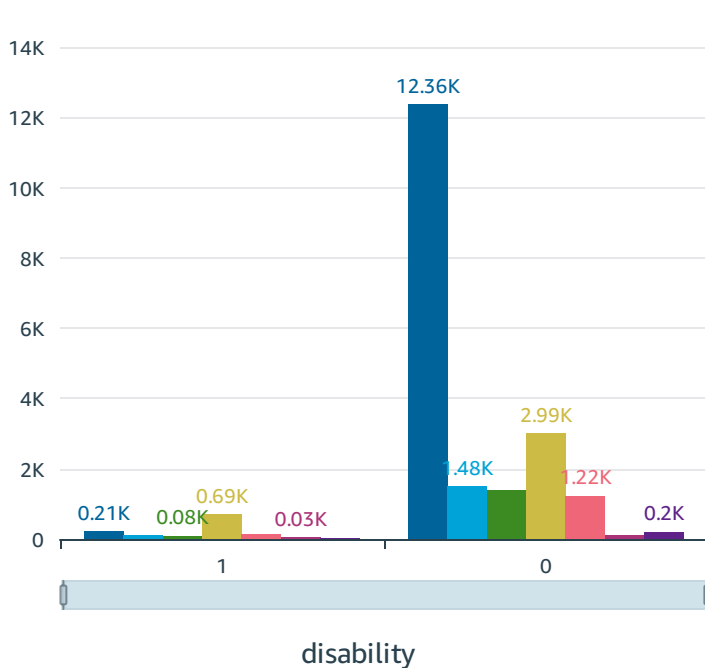
NYC Mobility Survey Analysis

by Tyriek Warren

This is a report based on the 2022 Mobility Survey conducted by the New York City Department of Transportation (NYC DOT) and published on NYC Open Data. This report consists of a few highlights based on a series of Data Analysis:

- 1) There is a stable number of disabled New Yorkers who are employed (which is likely due to an increase of telework in recent years).
- 2) More men than women are likely to purchase an electric vehicle in NYC.
- 3) More NYC employees residents have the option to work fully remote for their roles.

Count of Disabled People who are Employed/Not Employed



Employment

- 1
- 2
- 3
- 5
- 6
- 7
- 8

Employment Values

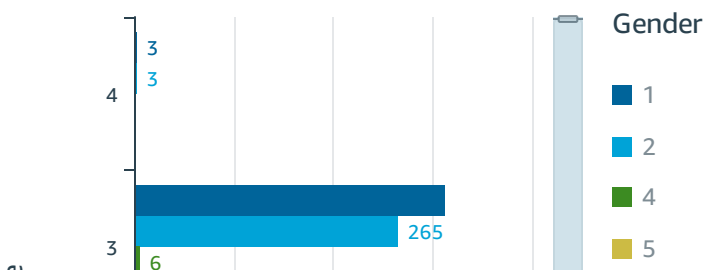
- 1) Employed full-time (paid)
- 2) Employed part-time (paid)
- 3) Self-employed
- 5) Not employed and not looking for work (e.g., retired, stay-at-home parent, student)
- 6) Unemployed and looking for work
- 7) Unpaid volunteer or intern
- 8) Employed, but not currently working (e.g., on leave, furloughed 100%)

Disability Values

- 0) Not disabled
- 1) Disabled

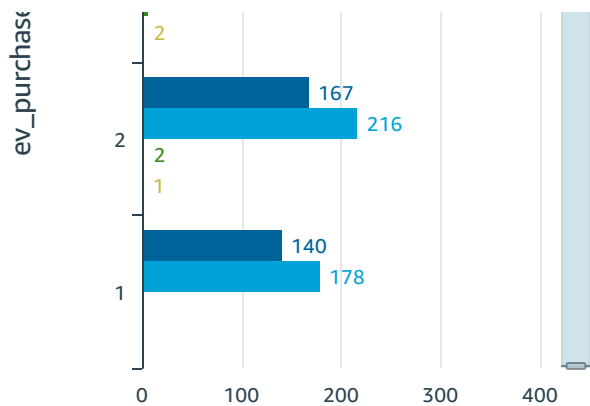
Of the disabled population that is not retired, a student, a stay-at-home-parent, or not looking for employment, there appears to be more disabled people in full-time employment roles than those who are not in full-time employment roles. This is promising news because it means that despite limited mobility (ability to commute) in the city that disabled people are finding reliable, paid roles.

EV Purchases by Gender



EV Purchase Information

- 1) Yes, I have considered purchasing a fully electric vehicle and may purchase one in the next few years
- 2) Yes, I have considered purchasing a fully electric vehicle, but am NOT likely to purchase one in the next few years
- 3) No, I have not considered purchasing a fully electric vehicle



electric vehicle

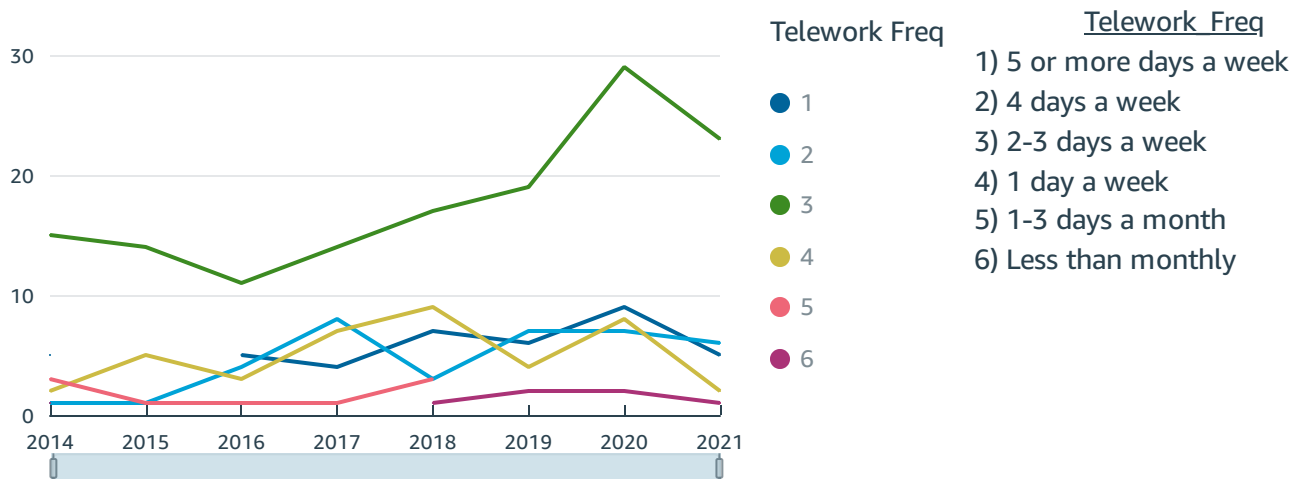
4) Yes, I have already purchased a fully electric vehicle but no longer own it, or do not drive it as my primary vehicle

Gender

- 1) Woman
- 2) Man
- 4) Non-binary
- 5) Prefer to self-describe

It appears that more men than women are likely to consider purchasing an electric vehicle to enhance their mobility throughout the NYC Metropolitan area. However, men and women have the same count of those who have already purchased but discarded of an electric vehicle.

Frequency of Remote/Telework Since 2014



Telework Freq

Telework Freq

- 1) 5 or more days a week
- 2) 4 days a week
- 3) 2-3 days a week
- 4) 1 day a week
- 5) 1-3 days a month
- 6) Less than monthly

From the years of 2014 to 2021, there has been a decline and then a stable increase of NYC residents engaged in Remote/Telework. More NYC employees residents have the option to work fully remote for their roles.

Sources:

<https://data.cityofnewyork.us/Transportation/Citywide-Mobility-Survey-Vehicle-2022/qyry-gwrj>

<https://data.cityofnewyork.us/Transportation/Citywide-Mobility-Survey-Day-2022/5njs-bq3c>

<https://data.cityofnewyork.us/Transportation/Citywide-Mobility-Survey-Trip-2022/x5mc-2gmi>

<https://data.cityofnewyork.us/Transportation/Citywide-Mobility-Survey-Household-2022/dt3g-khpi>

<https://data.cityofnewyork.us/Transportation/Citywide-Mobility-Survey-Person-2022/7qdz-u9hr>