Electric Mobility Challenge
Data Resources

Demographic Data

Commuting Data - Link Here

Source: **US Census Bureau**

Datasets provide information relating to commuting from the American Community Survey. The dataset includes information on where people work, their commute time, and method of commute and can be sorted by work or home location. Link includes data going back to 2002 and has tables with information on biking/walking to work and home-based workers. Datasets may be useful for determining travel patterns and changes over time.

Income in the Past 12 Months, 2019 – Link Here

Source: **US Census Bureau**

Table provides information on income over the past year in New York State from the ACS. Table shows data for households, families, married-couple families, and non-family households and can be filter geographically to census tract, zip code, or other criteria. May be useful for determining income in select locations. *Note: User can pull the same information for different years (going back to 2010) by clicking the Product drop down at the top of the screen.*

National Household Travel Survey – Link Here

Source: **US Department of Transportation**

Survey data provides information on travel behavior across the country. It includes daily personal travel including characteristics of the individuals traveling, their households, and vehicles. The most recent data available is from 2017 and goes back as far as 1983. Information may be useful for determining travel patterns and changes over time.

Selected Housing Characteristics – Link Here

Source: **US Census Bureau**

Data shows information on various housing characteristics such as: housing occupancy, year built, number of bedrooms, building value, mortgage status, and vehicles available; information can be filtered by location. Data may be useful in determining owner occupancy and dependence on a personal car for transportation. *Note: User can pull the same information for different years (going back to 2010) by clicking the Product drop down at the top of the screen.*

Equity and Affordability Data

EJScreen – Link Here

Source: **US Environmental Protection Agency**

Mapping tool shows user environmental indicators and demographic indicators across the United States in order to provide information on environmental justice. Environmental indicators available include air quality, traffic, lead paint, and hazardous waste proximity. Map may be helpful in comparing environmental justice indicators at various locations across the state.

Housing + Transportation Affordability Index – [Link Here](#)

Source: **Center for Neighborhood Technology (CNT)**

Index provides data and map visualizations showing the affordability of housing and transportation across the United States. Data can be downloaded and filtered at the census tract level but requires users to register with CNT before download. Information may be helpful in determining overall cost of living in various locations across New York State.

National Equity Atlas – [Link Here](#)

Source: **National Equity Atlas**

Atlas provides data on various indicators related to equity including demographics, economic vitality, readiness, connectedness, and economic benefit. Data can be filter by state or city and shows historic as well as current data. In addition, the Atlas provides Insights & Analyses to provide context to the data. *Note: For New York State, Buffalo, New York City, and Rochester are the only cities with specific data included.*

Vehicle and Charging Data

Alternative Fueling Station Locator – [Link Here](#)

Source: **US Department of Energy**

Map shows alternative fueling stations across the country. Can be filtered by type of station (including electric) and location. Can further filter by charging level and connector type. May be useful for determining the distribution and saturation of electric vehicle chargers in various locations across the state.

Evaluate NY – [Link Here](#)

Source: **Atlas Public Policy**

Dashboard provides data gathered from a variety of sources (US Department of Energy, US Census Bureau, the New York State Department of Motor Vehicles, EV charge station companies) to provide information on the state of the electric vehicle market in New York. Dashboard may be helpful for gathering data on DMV registrations, demographic information, and charging station locations and information. *Note: the yellow ribbon on the right allows you to filter by various criteria, including location by county, zip code, or urban/non-urban. Click Home > Go in the upper right to return to the home overview page.*

Miscellaneous Data

Access to Jobs and Workers via Transit – [Link Here](#)

Source: **US Environmental Protection Agency**

Data provides information on accessibility to jobs or workers via public transportation at the census block level. Data reflects public transit service as of December 2012 and employment counts from 2010. Data may be useful for determining commuting challenges and changes in transit patterns when coupled with current information.

National Historical Geographic Information System (NHGIS) – [Link Here](#)
Source: **National Historical Geographic Information System**
Data source provides summary tables and GIS files for demographic, economic, and agricultural information going back to 1790. Data may be helpful for determining shifts and trends over time and can be combined with current data as needed. Users can filter through files and download relevant datasets. *Note: At the top of the page after you click > Get Data is a PDF User Guide that may help sort through all the data available.*

New York State GIS Data – [Link Here](#)
Source: **New York State GIS Program Office**
Database provides links to all GIS datasets collected and maintained by New York State agencies. The Advanced Search option allows users to search database by county, sector (such as academia, local government, non-profit, etc), and/or theme (such as land use/land cover, transportation, facilities, and boundaries) in addition to searching by dataset name or the agency that manages the dataset. Database may be useful for finding a number of transportation and land use datasets and includes a number of reference datasets as well.