Data points and visualizations

Visualizing the data (points)

This tool allows you to explore the range of data that is generally available to help you analyze your local housing needs.

Using New York City data as an example, it shows how you can display that data using figures, tables, and maps (referred to as visualizations.) The tool also provides detail on where to find the data you need to create the visualizations. The visualizations are organized by topics: adequacy of housing production, dedicated affordable housing stock, homeownership affordability, housing stock characteristics, neighborhood variations, rental affordability, and rental stock for seniors.

Data points

**Adequacy of housing production**

- Population, employment, and housing stock relative growth rates
- Rental units vacancy rate
- Severely-crowded renter households
Dedicated affordable housing
Federally subsidized units by program
Federally subsidized housing units by expiration date
Location of federally subsidized properties and median rent by census tract

Homeownership affordability
Homeownership rate
Housing cost burdened owner households
Relative growth of real median income versus home prices

Housing stock characteristics
Age distribution of the housing stock
Housing code violations by community district
Residential units in the 100-year or 500-year floodplain
Number of small units and households

Neighborhood variations
Poverty by neighborhood
Population by race and ethnicity
Median rent by census tract
Growth in median rent by census tract

Rental affordability
Renter share of households
Index of real median gross rent and real median renter income
Moderately and severely rent burdened households
Share of renter households moderately or severely rent burdened by income
Composition of renter households and affordable units by income
Number of affordable units by income bracket

Rental stock for seniors
Households by senior status
Senior housing
Poverty rate by age
Rent-burdened senior households