This analysis examines income inequality across New York City's geographic regions (boroughs and neighborhoods), racial majority groups, and household compositions (family vs. non-family households). The final section explores contributing factors such as educational attainment, gender pay gap, employment status, and disability status.

Introduction Income inequality in New York City shapes the lives of many residents, making it essential to understand where and how

disparities occur to promote equity. This dashboard leverages ACS 2023 5-Year Estimates at the census tract level, using

analyzing median household income across boroughs and neighborhoods.

Section 1: Spatial Patterns of Income

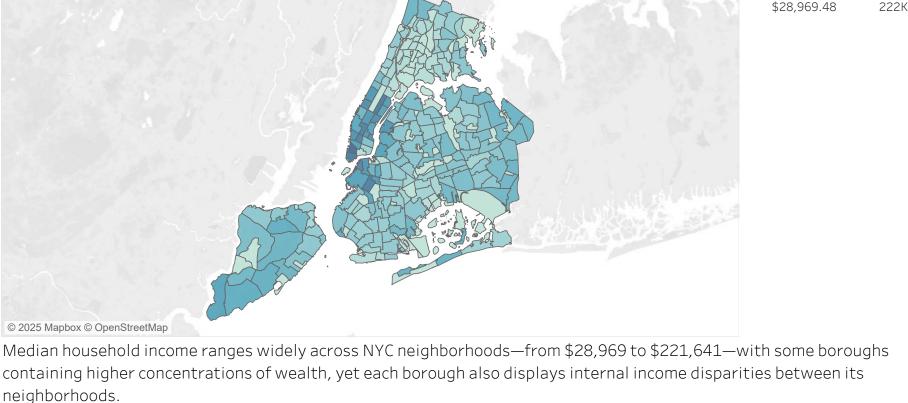
The Map of NYC Neighborhoods

Darker Color Represents Higher Median Household Income, with Tooltip Showing Percentage of

Rent Burden (Population Paying Over 30% of Income on Rent).



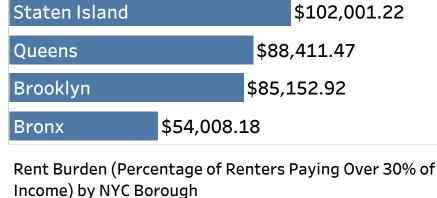
population-weighted averages to present income patterns across boroughs and neighborhoods.



Median Household Income by NYC Borough Boroughs are ordered top to bottom by descending median household income. \$117,067.20 Manhattan

\$102,001.22 Staten Island

Let's examine the data at the borough level.



Percentage of People Living Udner the Poverty Line by Borough Boroughs are ordered top to bottom by descending poverty level.

26.70%

In Manhattan and Staten Island, median household income is

close to double that of the Bronx.

Borough Name

Bronx

Brooklyn

Median Household Inco..

56.74% Bronx 50.74% Staten Island 49.58% Oueens Brooklyn 48.53%

residents experience the highest rent burden, with all

boroughs falling within a 44-56% rent burden range.

44.56%

Manhattan

income bracket.

\$100,000...

10.00% 0.00%

Income

outpace rising rental costs.

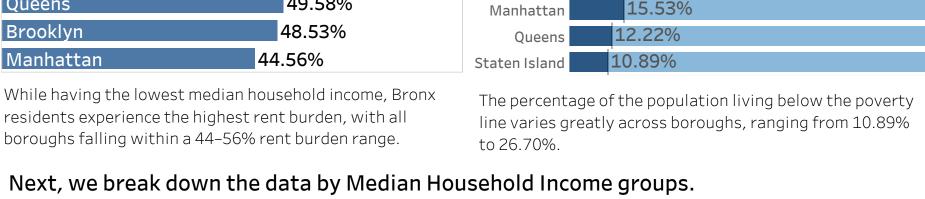
40.00%

30.00%

0.00%

Below 40,000\$

Boroughs are ordered top to bottom by descending rent burden.



18.81%

Next, we break down the data by Median Household Income groups. Neighborhoods grouped by median household income Neighborhood Counts by Median Household Income Groups Sorted left to right in ascending order, by median household income bracket.

80

heavily skewed. Most neighborhoods (156) cluster in the moderate-income range of \$40,000 to \$120,000, while fewer neighborhoods fall in the low-income bracket (12 below \$40,000) or the high-income bracket (32 above \$120,000),

Percentage of People Living Udner the Poverty Line by Median

Income distribution across neighborhoods is

highlighting a concentration of economic activity 12 in the middle tiers.

32

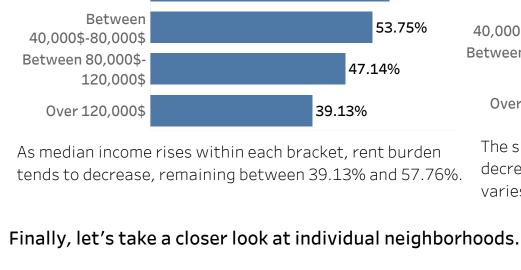
57.76%

76

Below 40,000\$ Between 40,000\$-..Between 80,000\$-.. Over 120,000\$ Rent Burden (Percentage of Renters Paying Over 30% of

Sorted top to bottom in ascending order, by median household

Income) by Median Household Income Group



Household Income Group Neighborhoods are grouped by median household income and sorted top to bottom in ascending order, by median household income bracket. 37.02% Below 40,000\$ Between 21.96% 40,000\$-80,000\$ Between 80,000\$-12.64% 120,000\$ 8.50% Over 120,000\$

\$200,000... \$150,000...

Borough name, neighborhood name and median household income.

Median Household Income by Neighborhood

varies widely—from 8.5% to 37.02%. Neighborhoods are ordered left to right by ascending median household income. Dot color represents the borough. Tooltip shows Borough Name Bronx Brooklyn Manhattan Queens

> Staten Island Highlight Boroug..

No items hiahliahted

Highlight Borough N.. No items highlighted

diversity, only 28 neighborhoods are

(56), Hispanic (36), and Black (31)

neighborhoods. This suggests that

Queens

Hispanic areas. The income distribution is more even at the group level than across individual neighborhoods, highlighting persistent inequality within groups.

Rent Burden by Neighborhood Racial Majority Group

Racial majority groups are sorted top to bottom in ascending level of

43.05%

45.70%

46.74%

50.31%

Staten Isla..

diversity at the city level often masks

racial separation at the neighborhood

fourth-largest group after majority White

racially mixed—making it the

level.

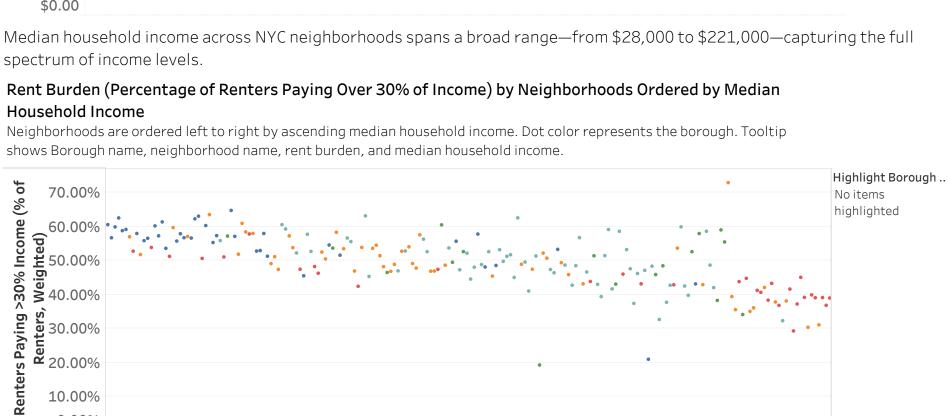
14

The share of people living below the poverty line also

decreases as median income rises within each bracket, but

\$50,000...

\$0.00



As neighborhood income rises, rent burden generally declines—while low-income areas see rates as high as 65%, high-income neighborhoods typically fall closer to 30-40%, showing a clear inverse relationship. Interestingly, even when looking only at income levels within individual neighborhoods, rent burden still tends to decrease—suggesting that higher earnings often

of Population living Below The Povery Line 20.00% 10.00%

This sharp inverse relationship underscores how deeply income inequality shapes the distribution of poverty across New York

Neighborhoods are grouped based on the dominant racial group: a group is labeled as "majority [race]" if that race makes up

over 50% of the neighborhood's population, and "plurality [race]" if the race accounts for over 40% but not a majority.

City—lower-income neighborhoods are affected disproportionately. Section 2: Racial Demographics and Income Disparities

examining income variations based on neighborhood racial majority or plurality.

Count of Neighborhoods by Neigborhood Racial Majority Group

Majority White

Plurality White 17

Plurality Asian 12

Plurality Hispanic 10

Majority Asian 7

Plurality Black 3

Majority Hispanic

Majority Black

Percentage of People Living Below the Poverty Line by Neighborhoods Ordered by Median Household

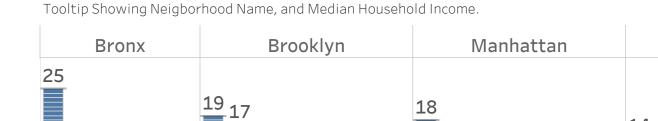
shows Borough name, neighborhood name, rent burden, and median household income.

Neighborhoods are ordered left to right by ascending median household income. Dot color represents the borough. Tooltip

Racial majority groups are sorted left to right in ascending order by their median household income. Tooltip Showing Neigborhood Name, and Median Household Income. Although NYC is known for its racial

Count of Neighborhoods by Neigborhood Racial Majority Group Within Each Borough

18



Majority Majority Plurality Plurality Majority Mixed Plurality Plurality Majority

25.55%

62.59%

59.39%

Percentage of Family Households by Median Household Income Group Neighborhoods are grouped by median household income and sorted top to bottom in

41.46%

ascending order, by median household income bracket.

20.68%

20.48%

19.18%

Black Hispanic Black

Racial majority groups are sorted top to bottom by descending level of

Percentage of People Living Uner the Poverty Line

by Neighborhood Racial Majority Group

Hispanic Asian

poverty.

Majority Hispanic

Plurality Hispanic

Bronx

Brooklyn

Manhattan

Neighborhoods grou..

Below 40,000\$

40,000\$-80,000\$

Between 80,000\$-

Over 120,000\$

Between

120,000\$

Filter by Borough Borough Name

Less Thank High School

High School (% of total)

Bachelor's Degree (% of

Graduate / Professional

Degree (% of Whole)

Total 16+

Population)

Not in Labor Force

Unemployed (% of

(% of Total 16+

Population)

Total 16+

4.86%

American Community Survey (ACS) - Department of City Planning - DCP

Some College (% of

(% of total)

Whole)

✓ Bronx

Brooklyn

Manhattan Queens

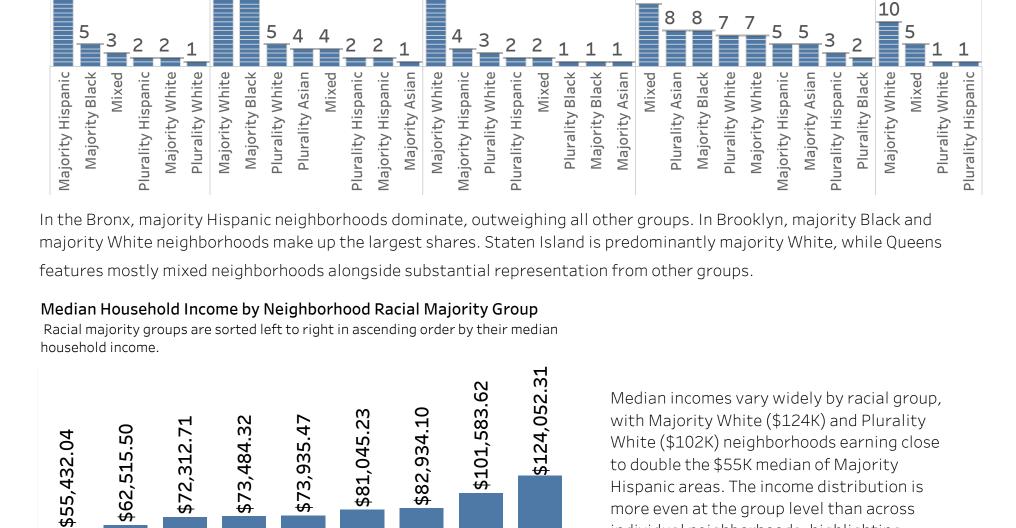
Staten Island

2.91%

6.50%

Majority Asian

Plurality Black



White White

rent burden.

Maiority White

Plurality White

Plurality Black

Majority Black

50.45% Mixed Majority Black 18.76% Plurality Asian 51.32% Mixed 17.48% Plurality Hispanic 51.50% Plurality Asian 13.73% 55.20%

\$54,008.18

60.31%

62.40%

61.12%

Neighborhoods grou..

✔ Between 40,000\$... ✔ Between 80,000\$...

Earnings

Male Median

Earnings

With Disability

47.95%

✓ Below 40,000\$

✓ Over 120,000\$

44.03%

Or by Median Household

26.46%

22.90%

36.44%

Income Groups

\$85,152.92

Majority Asian Plurality White 13.38% 56.06% Majority Hispanic Majority White 11.60% Rent burden remains relatively consistent across racial Neighborhood rankings are nearly identical when sorted by groups, ranging from 43.05% to 56.06%, suggesting that median income and poverty levels, revealing a strong high housing cost pressures affect all groups regardless of alignment between low income and high poverty rates. income differences. Section 3: Household Type and Income Inequality Comparing income levels between family and non-family households. Family Household Share and Income by NYC Borough Boroughs are sorted top to bottom by percentage of family households. Median household income is shown to the right. Although Manhattan and Staten Island BoroName (20.. have the highest median household \$102,001.22 Staten Island 72.99% incomes, their household compositions \$88,411.47 Queens 66.66%

Asian

differ significantly—72.99% of Staten Island households are families, compared to just 41.46% in Manhattan—highlighting the suburban versus urban context of these boroughs. The other three boroughs fall within a narrower range of 59.39% to 66.66%. \$117,067.20

Neighborhoods earning

Or by Neigborhood Name

\$40,000-\$120,000 have family household

\$120,000 drop to 44%, reflecting a higher

Neigborhood Name

\$49,801.07

\$62,921.35

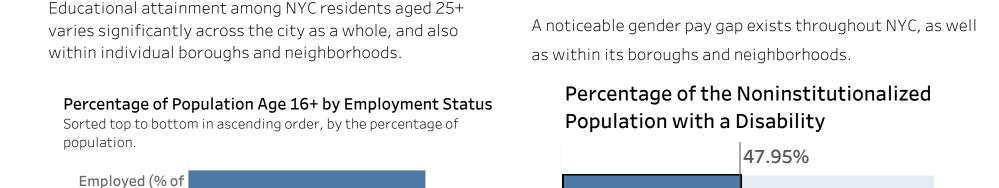
rates around 60%, while those above

presence of non-family and diverse

household types in affluent areas.

Section 4: Socioeconomic Indicators and Income exploring additional contributing factors such as educational attainment, gender pay gap, employment status, and disability status.

Educational Attainment Distribution (% of Population, Aged Female vs Male Median Wages in the Past 12 Months 25+) Sorted top to bottom in ascending order, by the level of educational attainment. Female Median



41.24%

58.70%

Population) The percentage of the noninstitutionalized population with a disability and the employment status of people aged 16 and over vary across New York City's boroughs and neighborhoods—factors that contribute to income inequality. Data Sources:

2020 Neighborhood Tabulation Areas (NTAs) shapefile — NYC Open Data Provides the official boundaries for NYC NTAs, which are aggregations of Census tracts used for neighborhood-level analysis. https://data.cityofnewyork.us/City-Government/2020-Neighborhood-Tabulation-Areas-NTAs-/9nt8-h7nd NYC Department of City Planning — ACS (with NTA geographies) Provides ACS 5-year summary files mapped directly to Neighborhood Tabulation Areas (NTAs), Community Districts, and other NYC planning geographies, used as a

ACS 2023 5-Year Estimates - from the U.S. Census Bureau provide detailed demographic, social, economic, and housing data at various geographic levels. These estimates are based on data collected over five years, offering insights into trends across neighborhoods, boroughs, and larger regions. The data is essential for analyzing income inequality, educational attainment, employment, and other factors influencing community dynamics and policy. American Community Survey 5-Year Data (2009-2023)