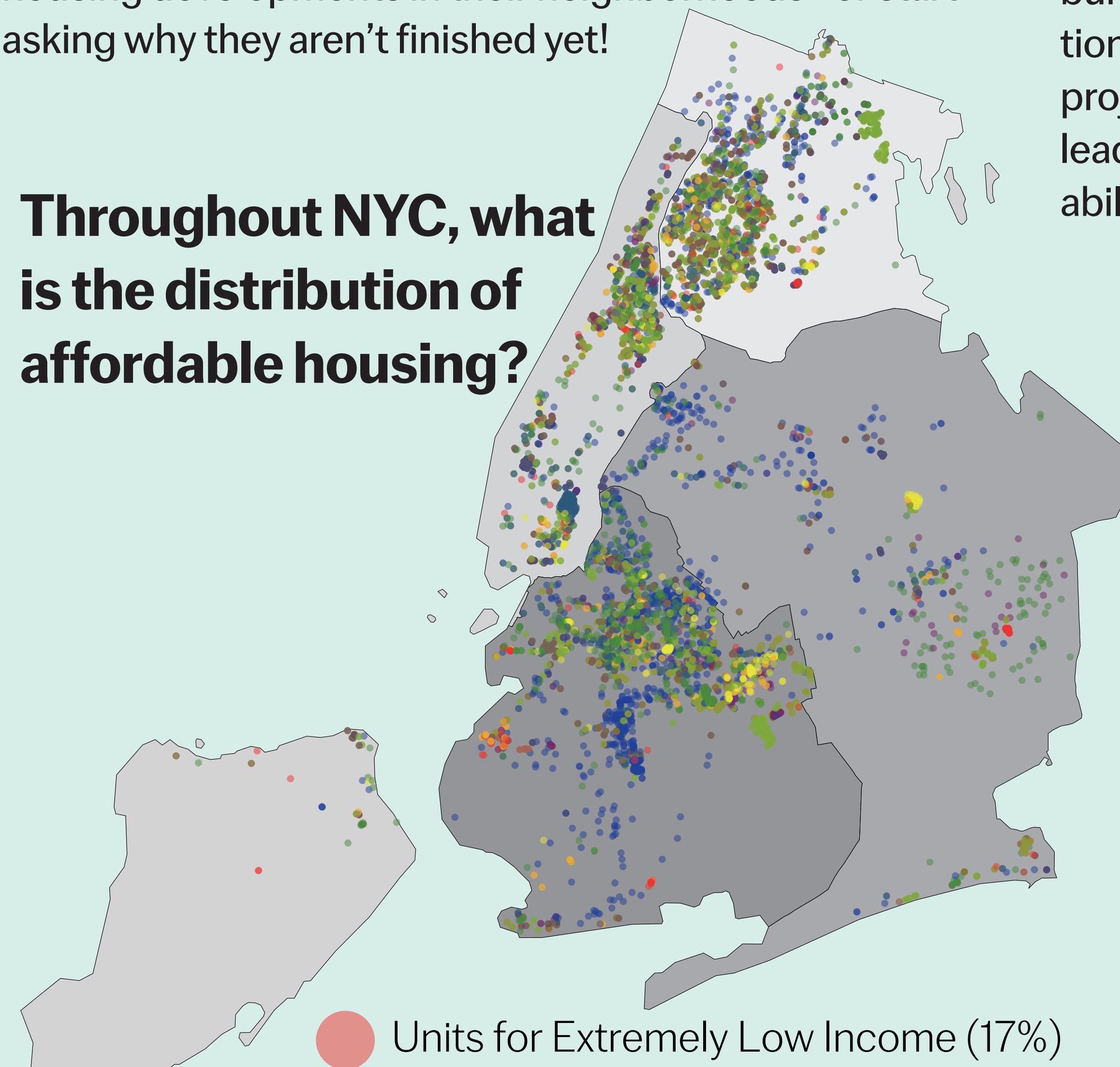


Affordable Housing in New York City: CONSTRUCTION BY THE BOROUGH

THE MOTIVATION

This data offers a wide range of information for many New York City stakeholders. Particularly, it offers information that may help housing policy and resource allocation decisions for policymakers and city officials. It can also be useful for local NYC communities to understand housing developments in their neighborhoods - or start asking why they aren't finished yet!

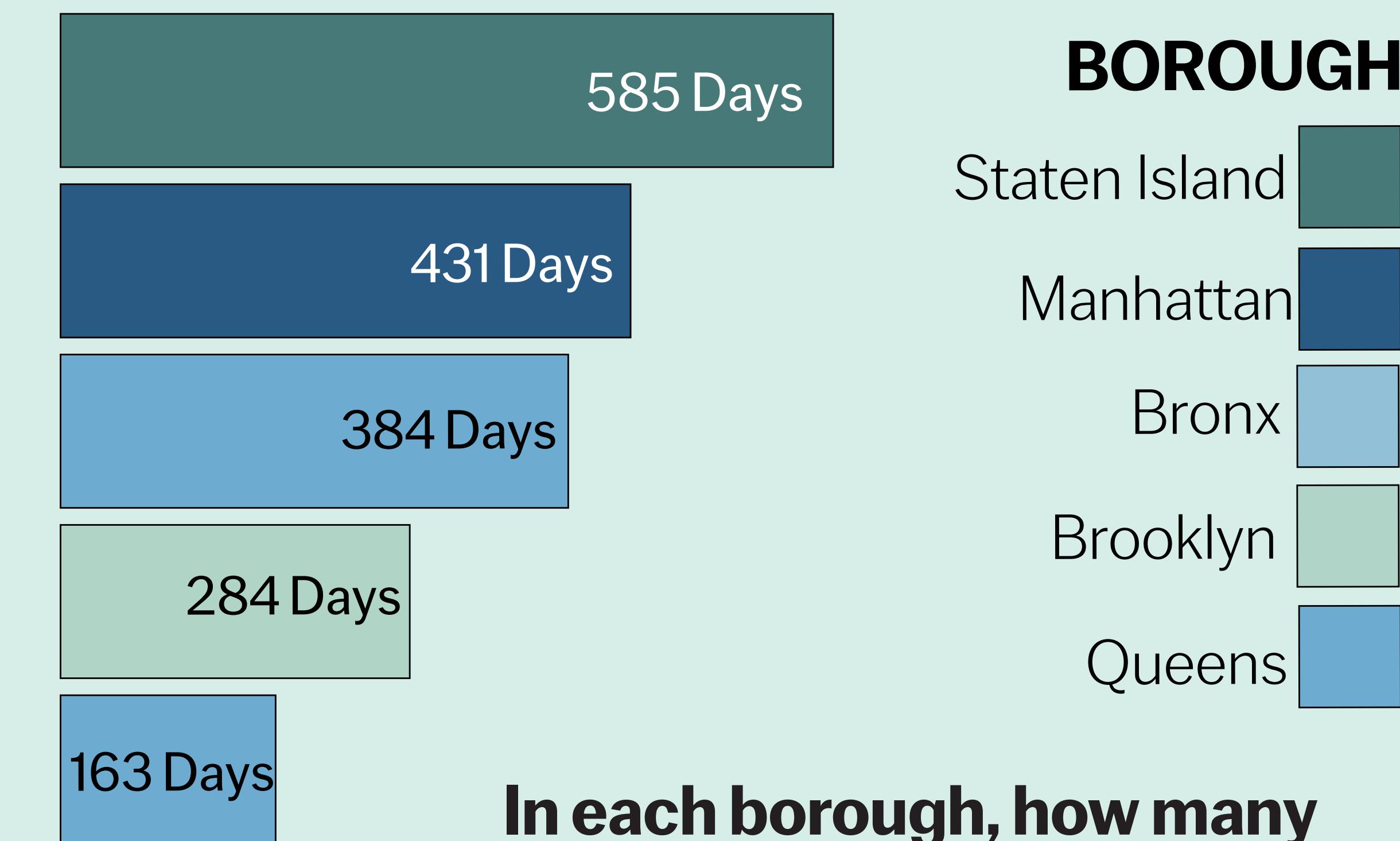


Throughout NYC, what is the distribution of affordable housing?

THE STORY

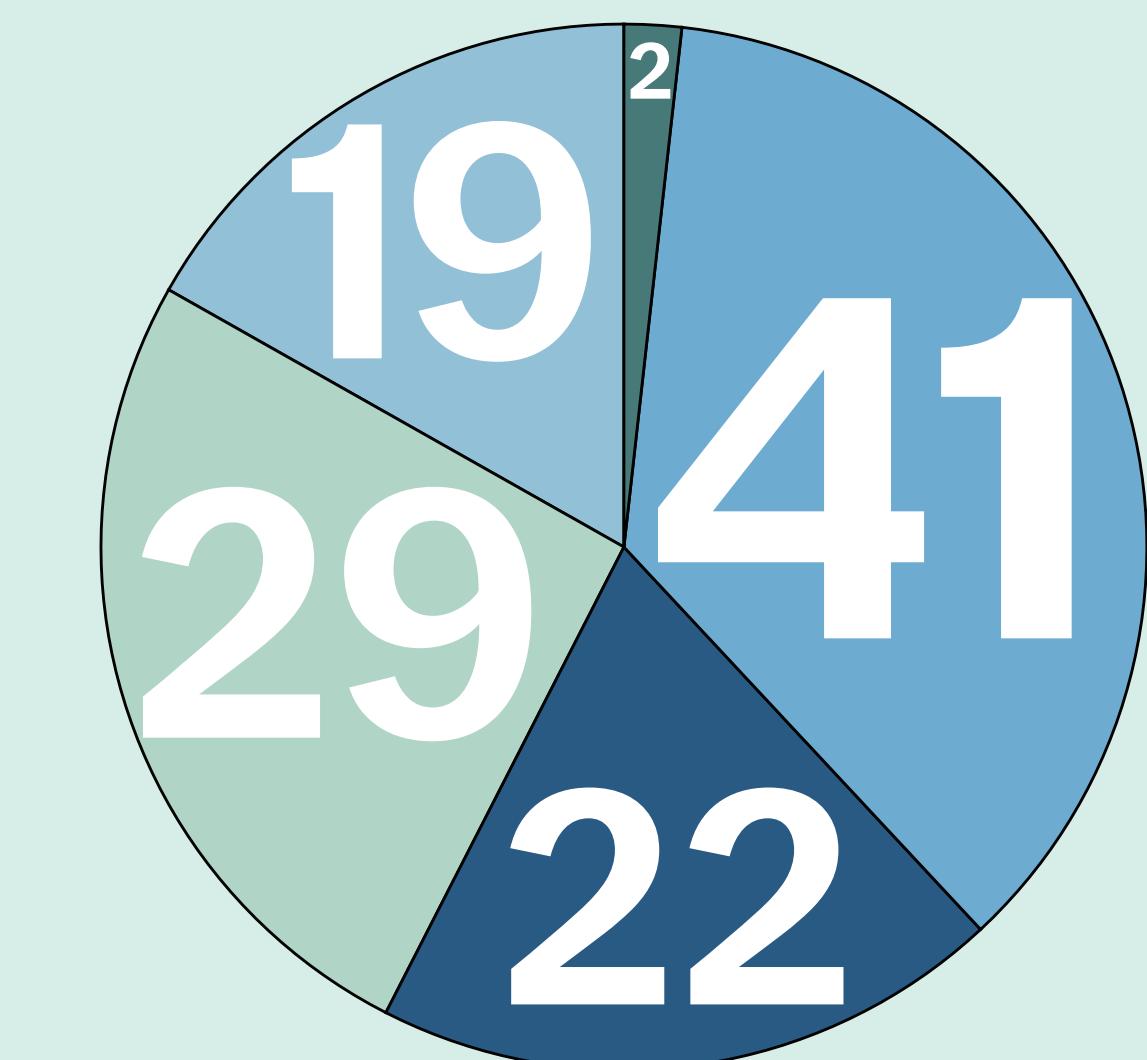
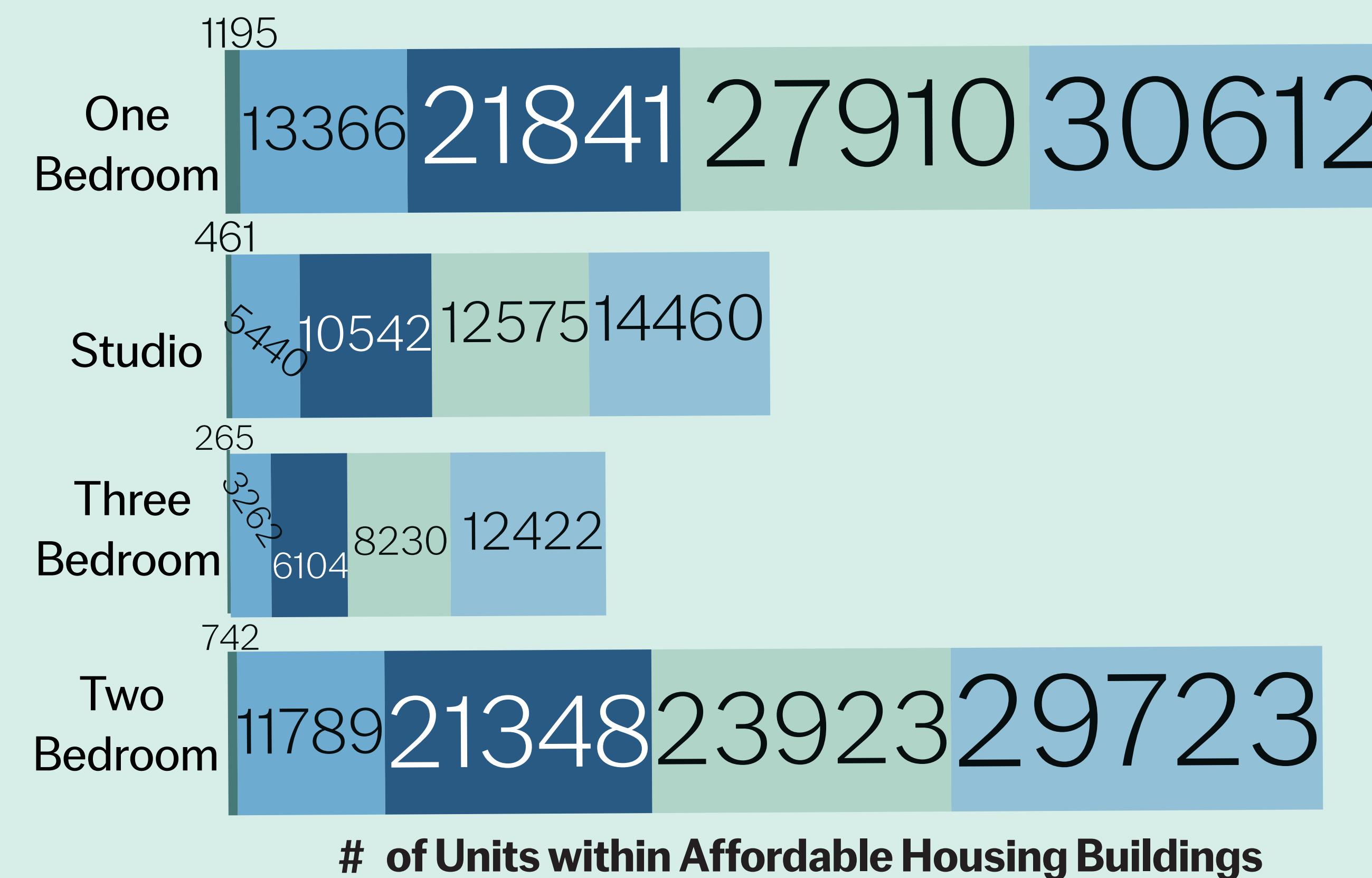
It's well-known that New York City can be expensive - affordable housing is an important issue, with thousands of families relying on these houses for stable living. The main question I wanted to ask was this; How is affordable housing production varied between NYC boroughs? By looking at the differences between location, I found slight discrepancies on the development of projects throughout the city. These discrepancies could lead to wasted resources, stalled progress, and the inability for families to live comfortably.

On average, how long does it take to complete a housing project?



In each borough, how many older projects (started before 2022) have not been completed?

How are different apartment types spread throughout the boroughs?
Does this affect project development?



THE DATA

This dataset analyzes the production of affordable housing projects by each individual building. It includes start/completion dates, location data, income levels, unit size types, and more. The data has 7,637 rows and 41 columns.

Source:

NYC Open Data - Affordable Housing Production by Building - Provided by Department of Housing Preservation and Development (HPD)
https://data.cityofnewyork.us/Housing-Development/Affordable-Housing-Production-by-Building/hg8x-zxpr/about_data

R Packages:

dplyr, tidyr, ggplot2, ggforce, ggmap, sf, ggspatial, RColorBrewer, tigris