



San Francisco's Homelessness Population and Shelters Analysis

Overview of our Analysis

Homelessness has been a growing issue in San Francisco. We are interested in finding trends pertaining to the growth of operational shelters and their effect on the overall homeless population in San Francisco. By means of this analysis, we hope to provide insightful information.



Our Goals



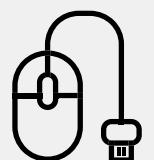
Population Trends

- San Francisco's homeless population in the last 10 yrs



Shelters Available

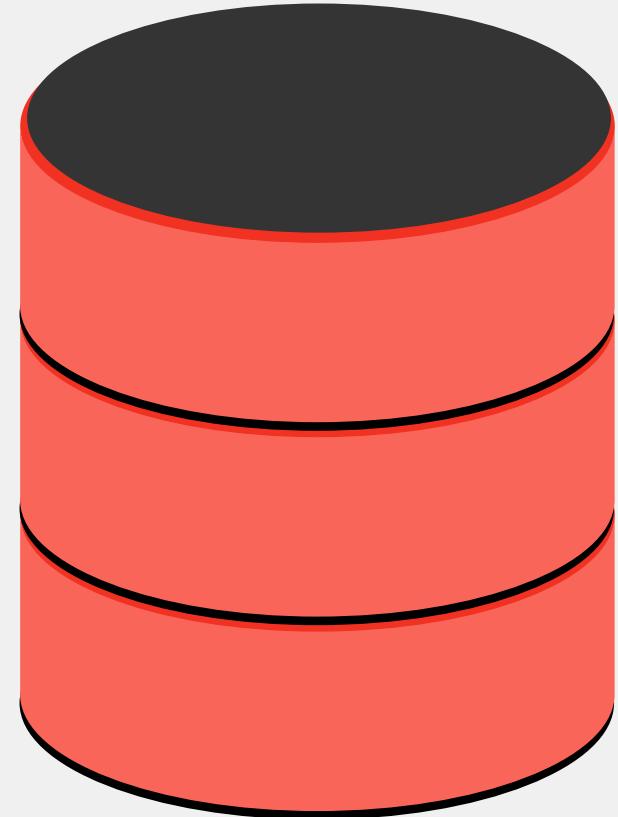
- in the city of San Francisco



Uncover Correlations

- positive impact on overall homelessness w/ the count of homeless shelters

Data Collection, Cleanup, and Exploration Process



01 Sources

- Google's Places API
- U.S. Department of Housing & Urban Development

02 Collection, Exploration

- Places API: located and extracted vital shelter information
- HUD: Point-in-Time Estimates by CoC

03 Clean up

- extracted only 10 years worth of data
- used code and functions to declutter

Our Approach

01

Data
Troubleshooting

02

Identified Useful
Data Tools

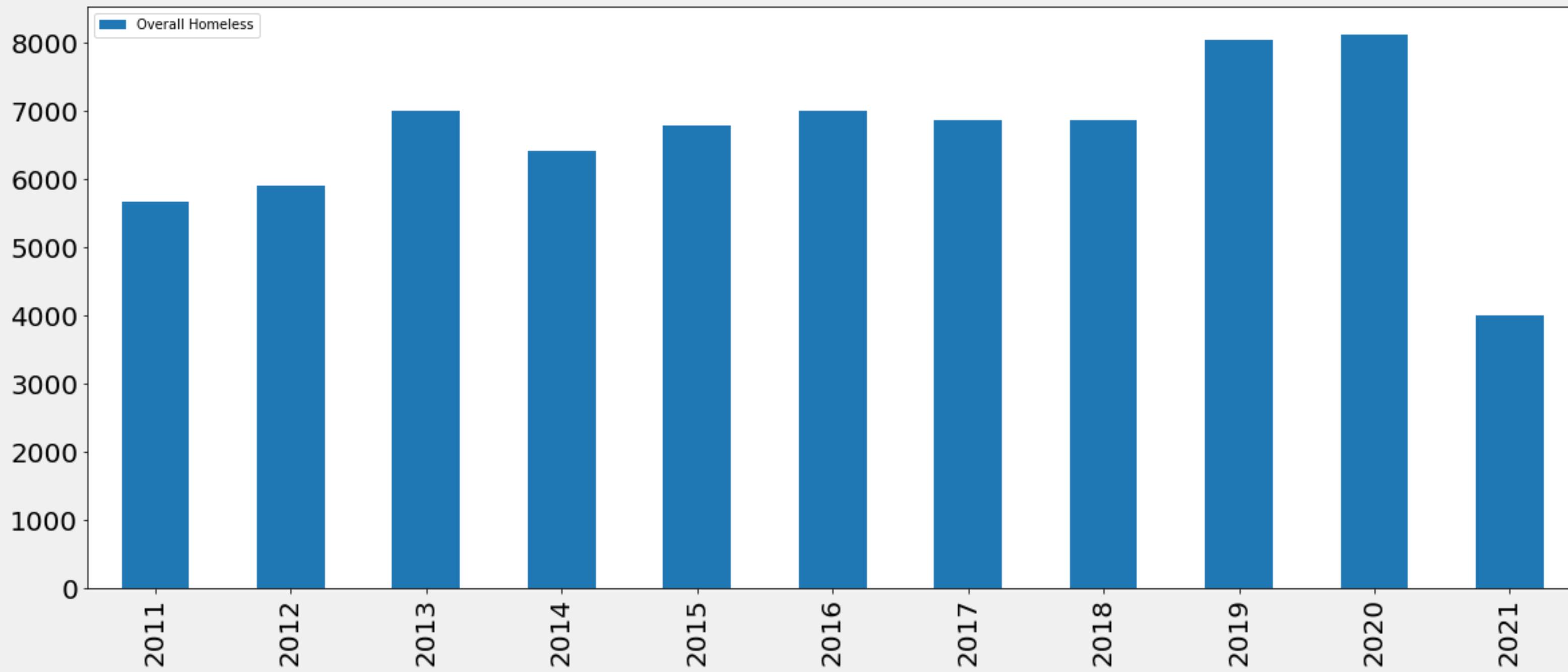
03

More
Troubleshooting

04

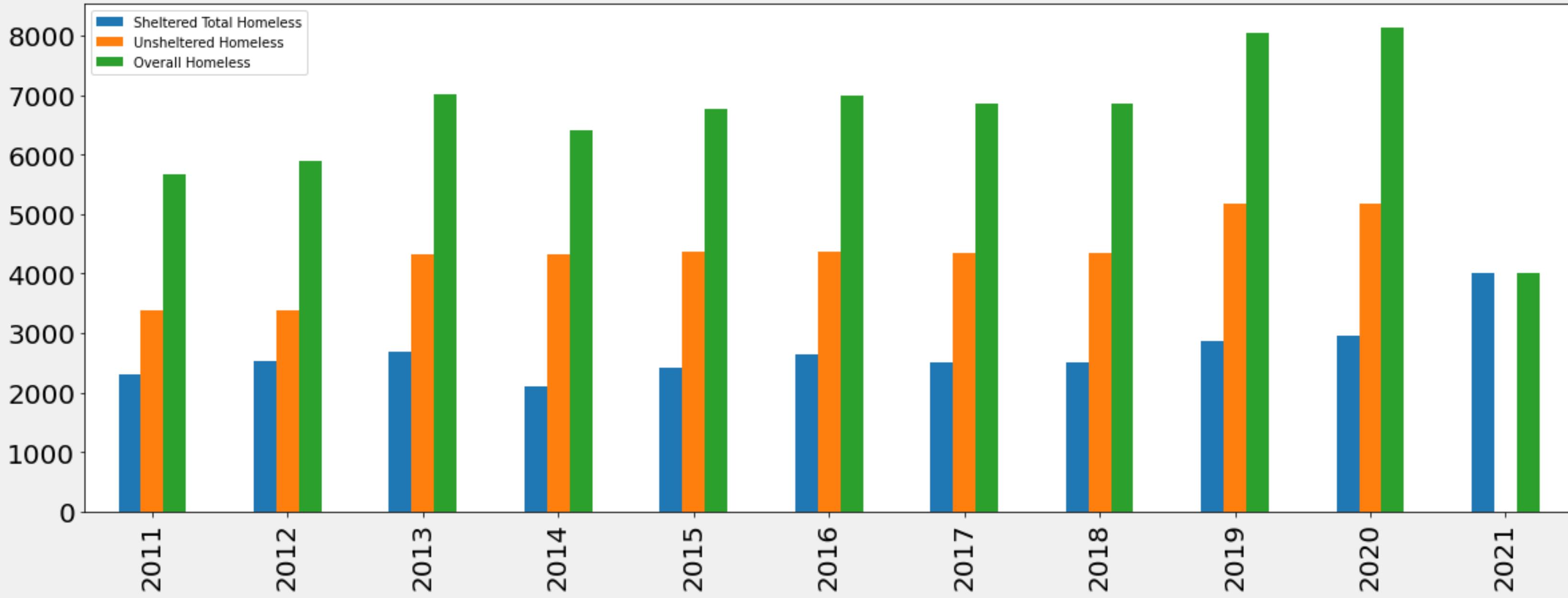
Solutions

What is the growth in the overall homeless population in the city of San Francisco?

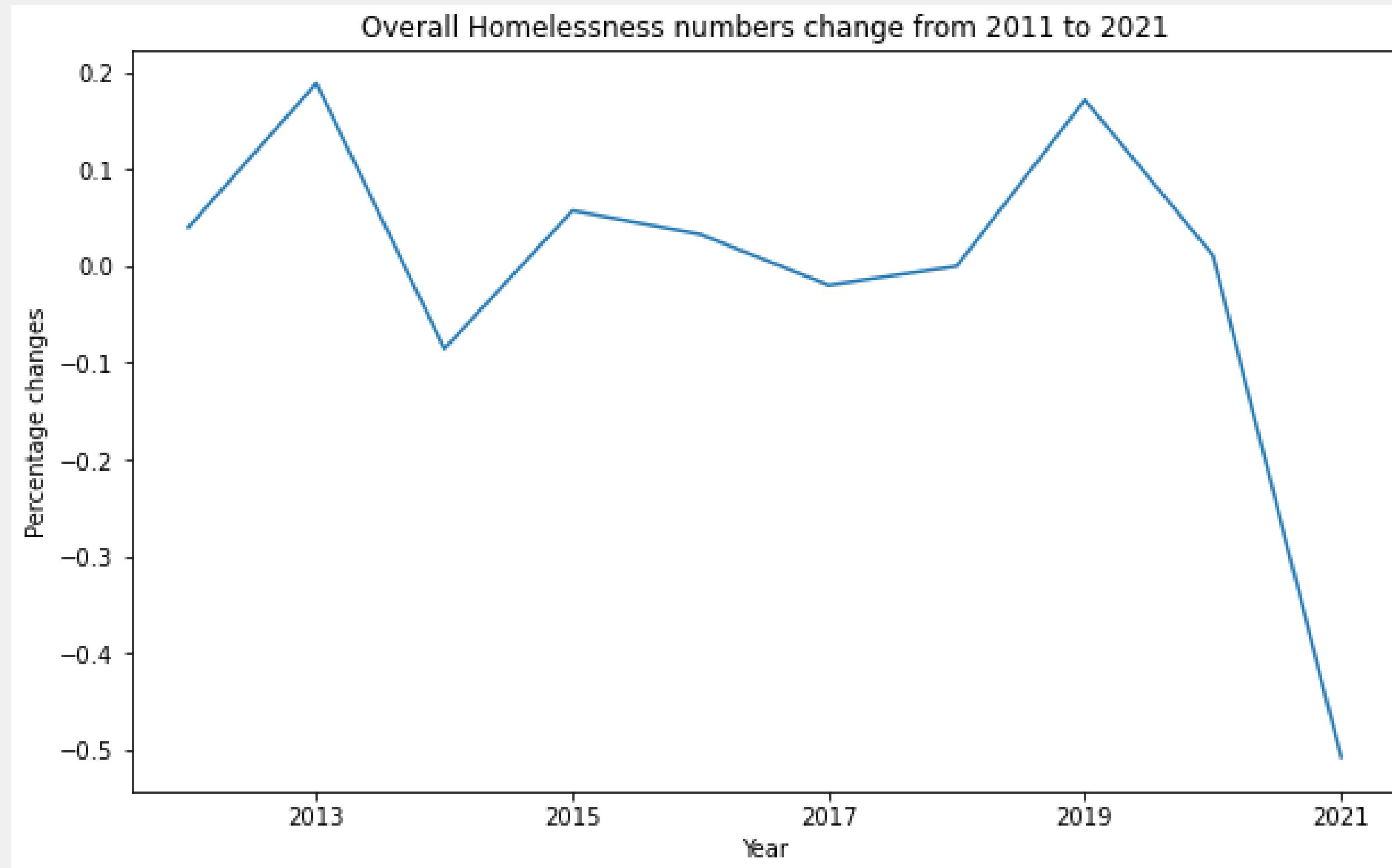


What is the difference in population between Sheltered and Unsheltered?

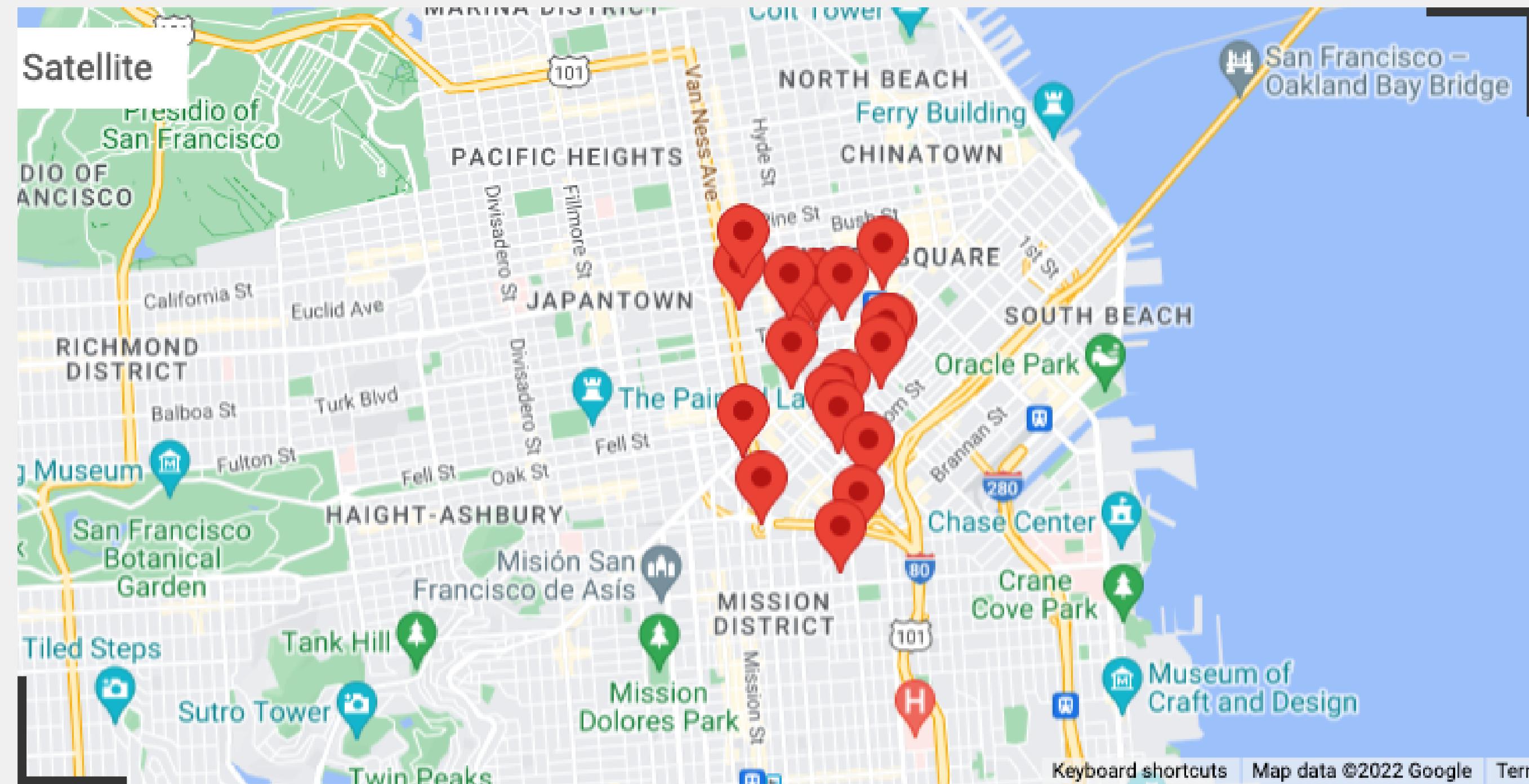
Sheltered and Unsheltered Homeless



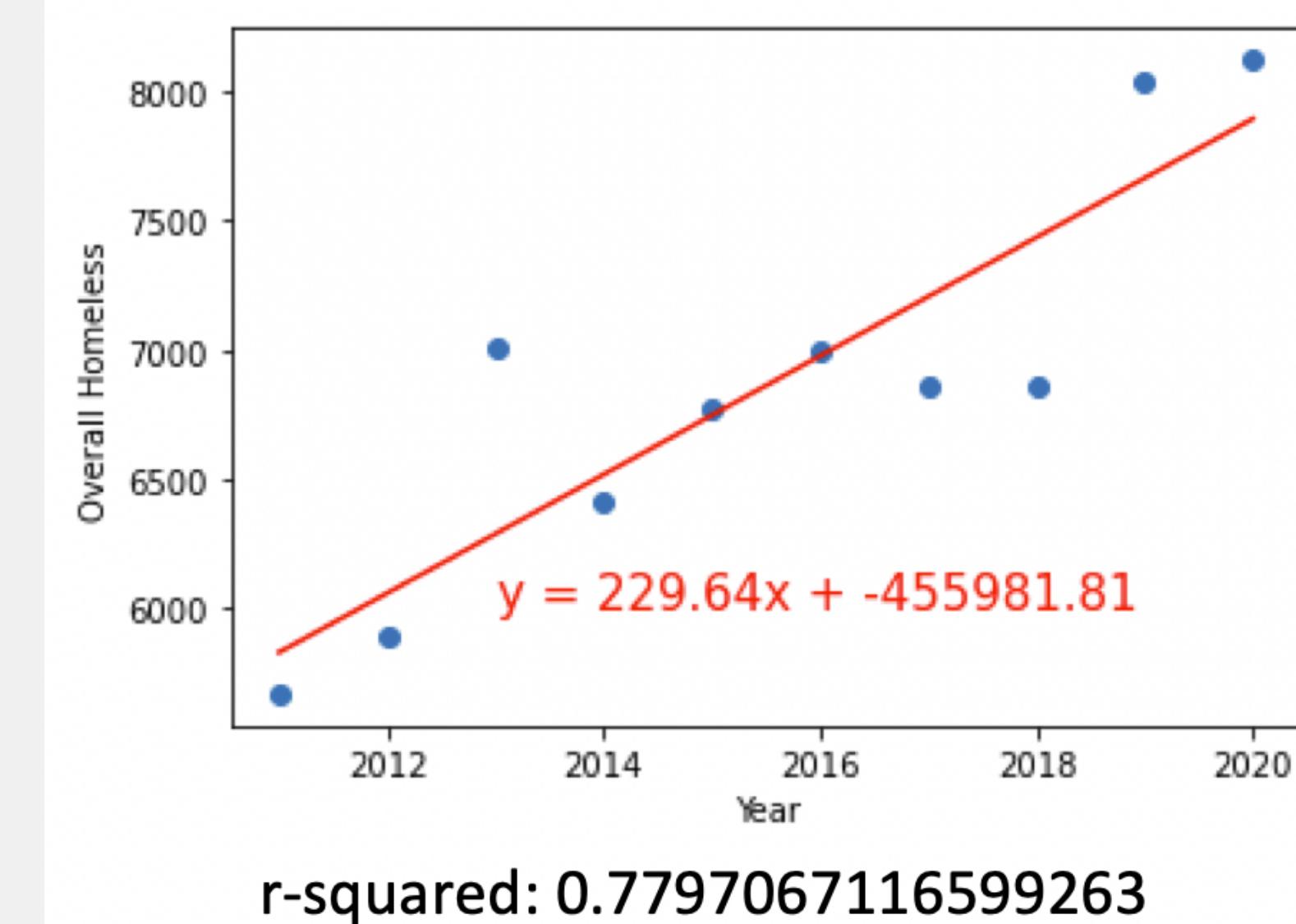
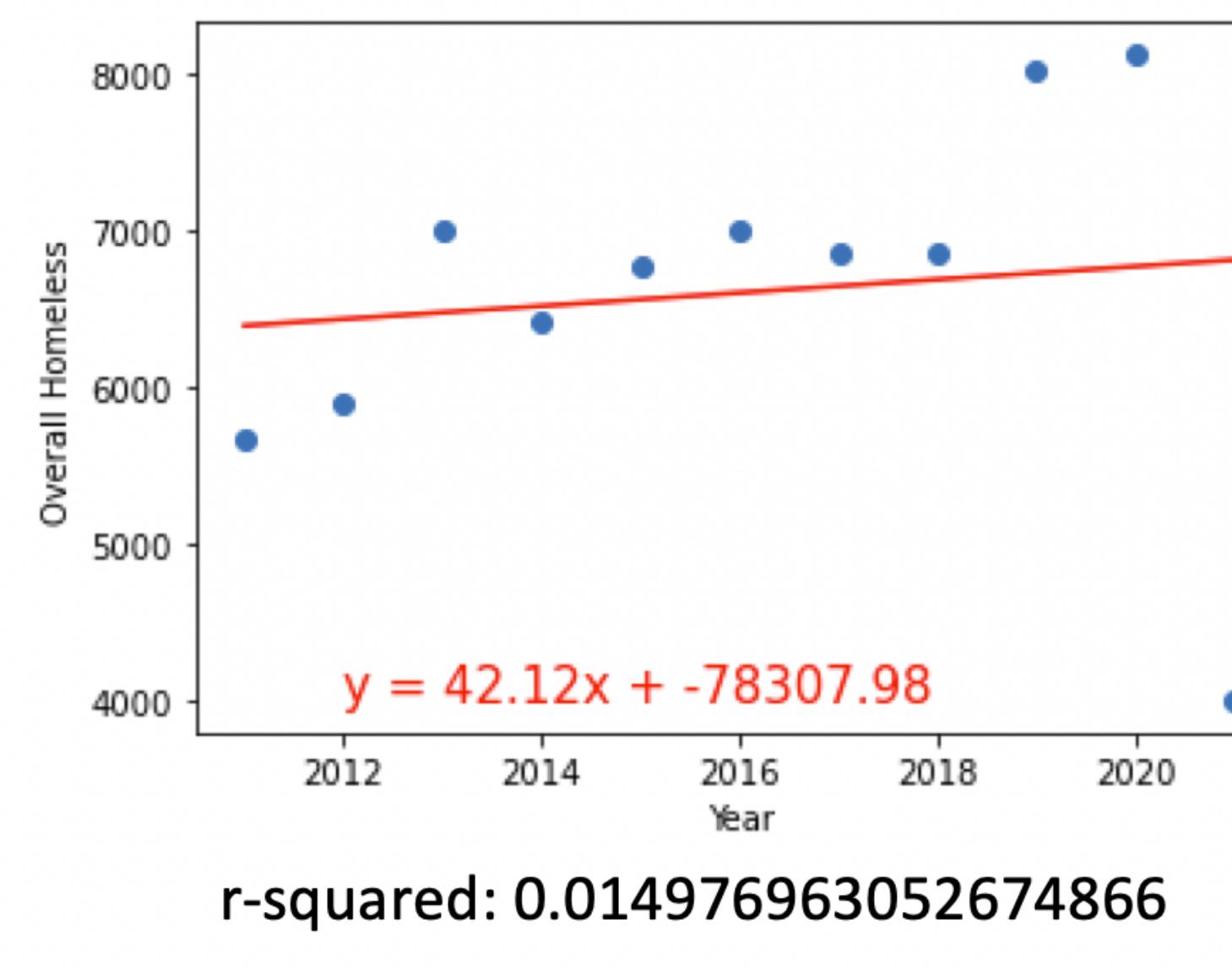
Overall Homelessness Growth Rate



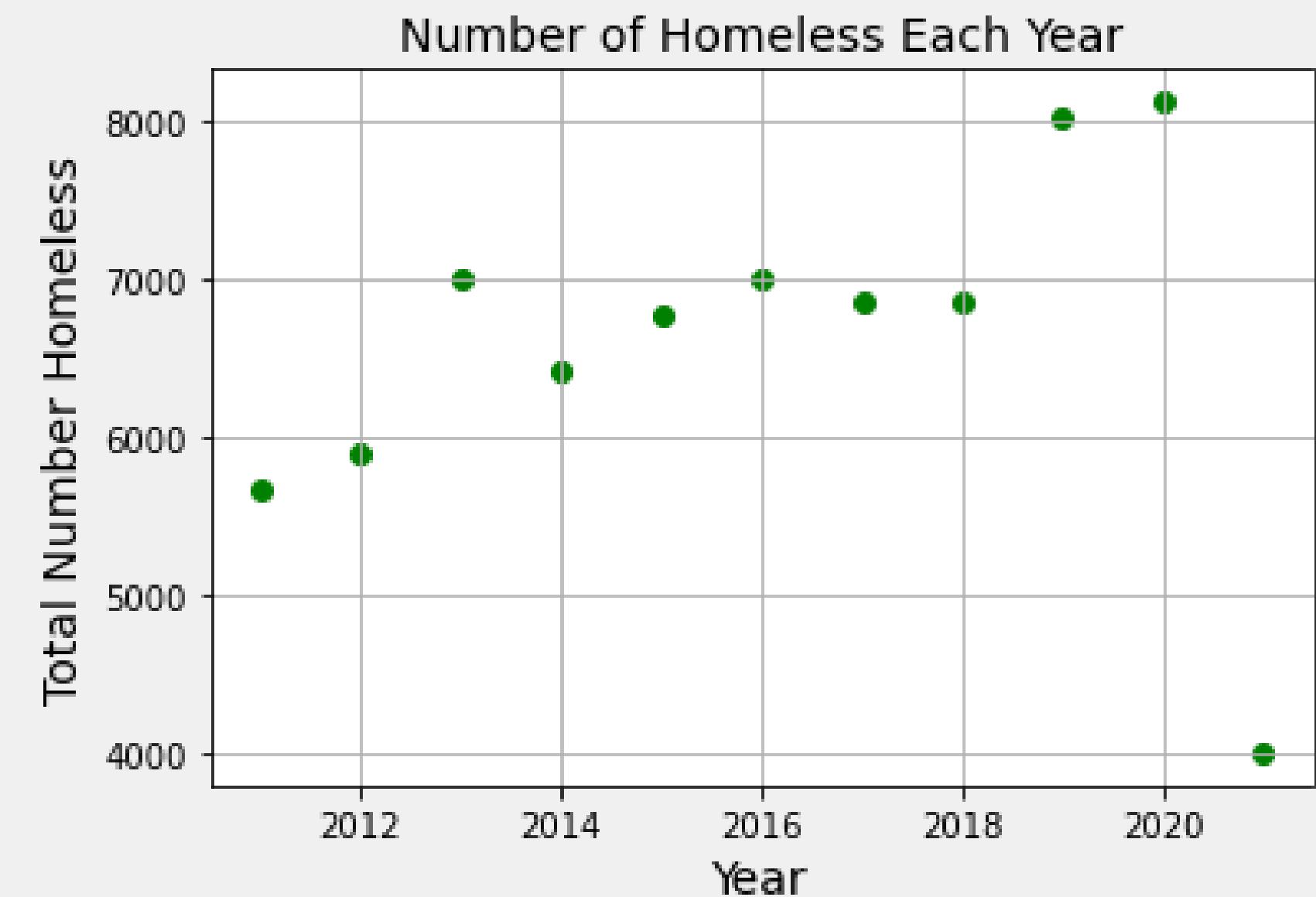
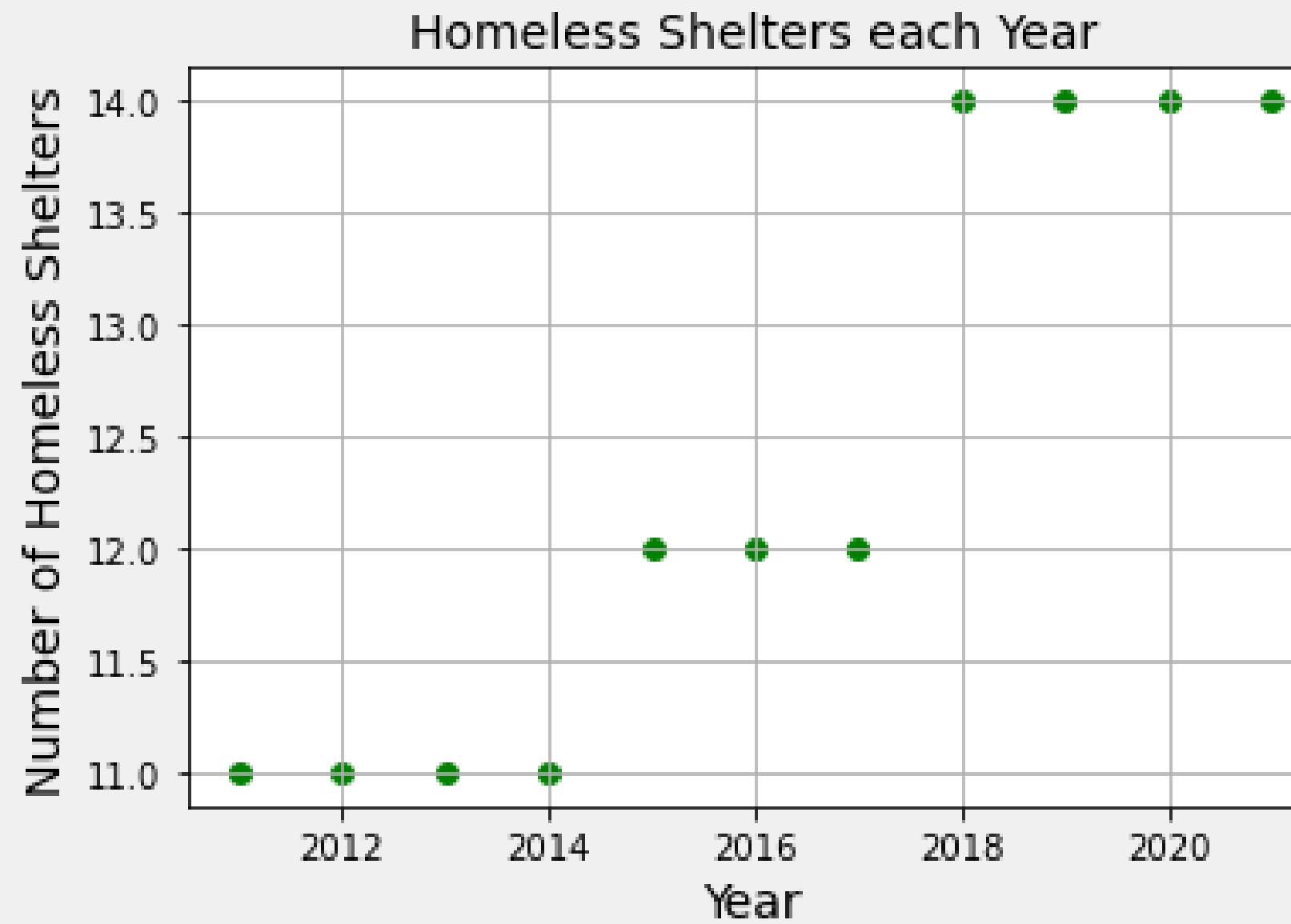
Shelter Locations in the City of San Francisco



Correlation of the Homeless Population over the 10-Year Period. (2011-2021)

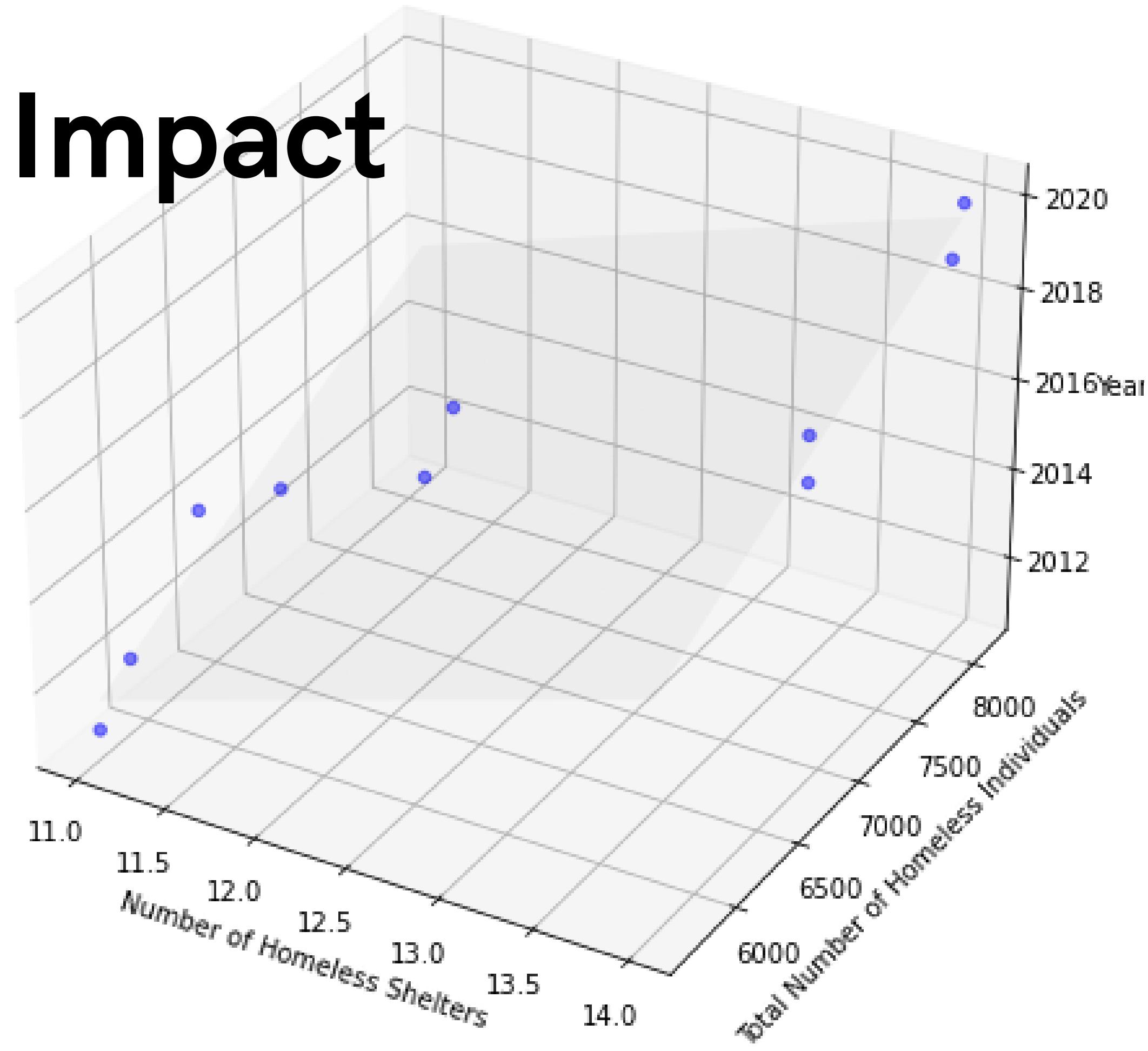


Has there been a positive impact on overall homelessness with the growth in the number of shelters?



Overall Impact

Group 1

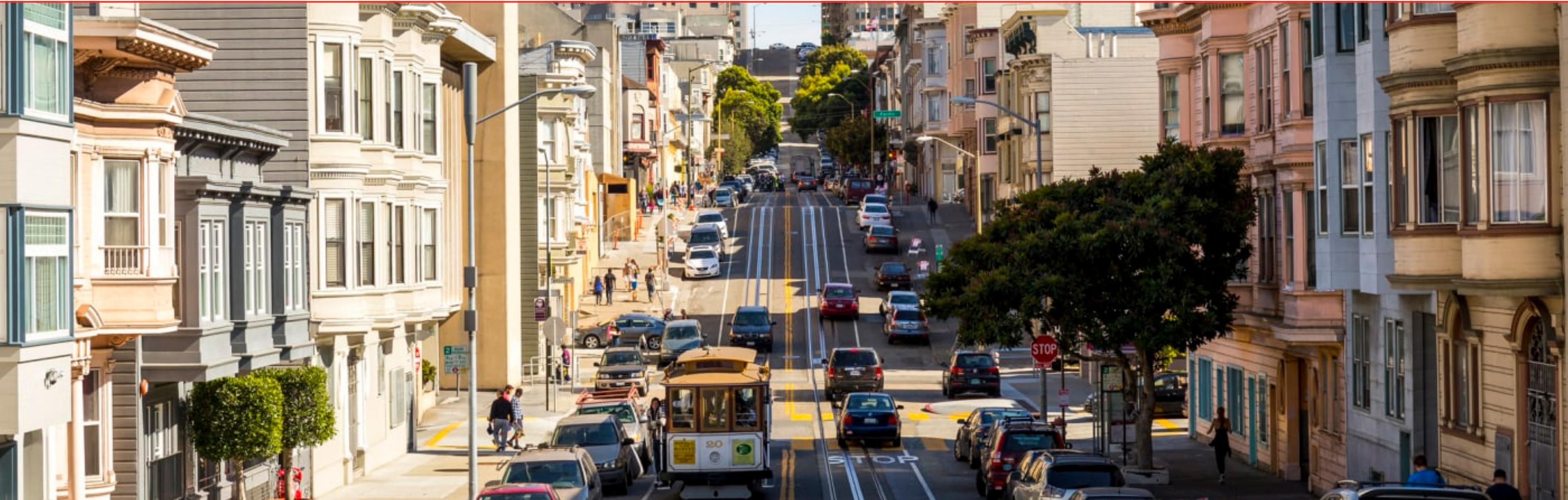


What's Next?

01 Compare other Major U.S. Cities

02 Shelter Capacity

03 Success rate vs return rate





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Thank you!