

EVST 496 Census Data, Week 9 Data

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2025-03-28 23:35:48

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Description

The goal of this week was to pull all of the census data from the city of Holyoke and the city of Chelsea. In addition, another objective was for me to compare this to the state to better understand the local demographics. Earlier today, I received good news that I will be able to access the HERO data from Clark University, meaning I can do front versus back yard comparisons of tree survivorship. Sadly, it seems like these are the only two datasets that have this information—which may be my only form of comparison at the moment.

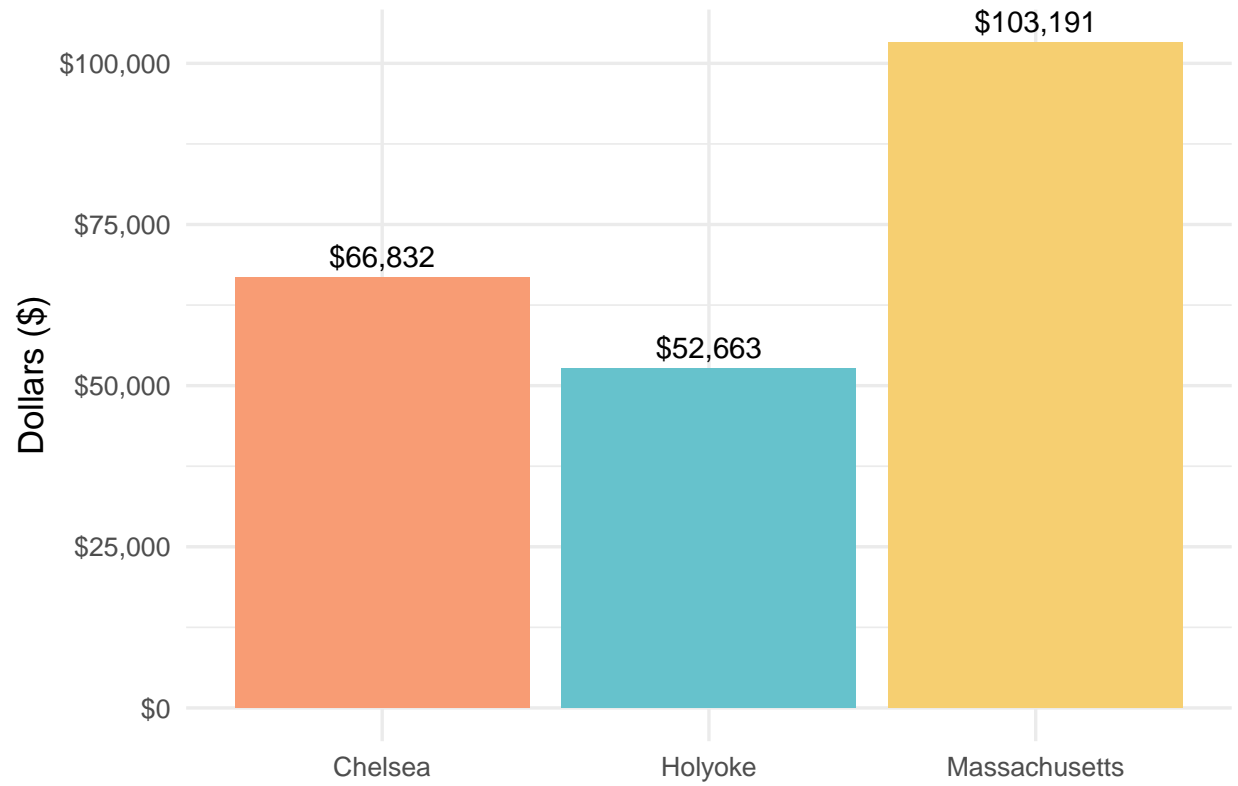
The data is based off of 2021 ACS Census data aggregated by the block group level.

Graphs

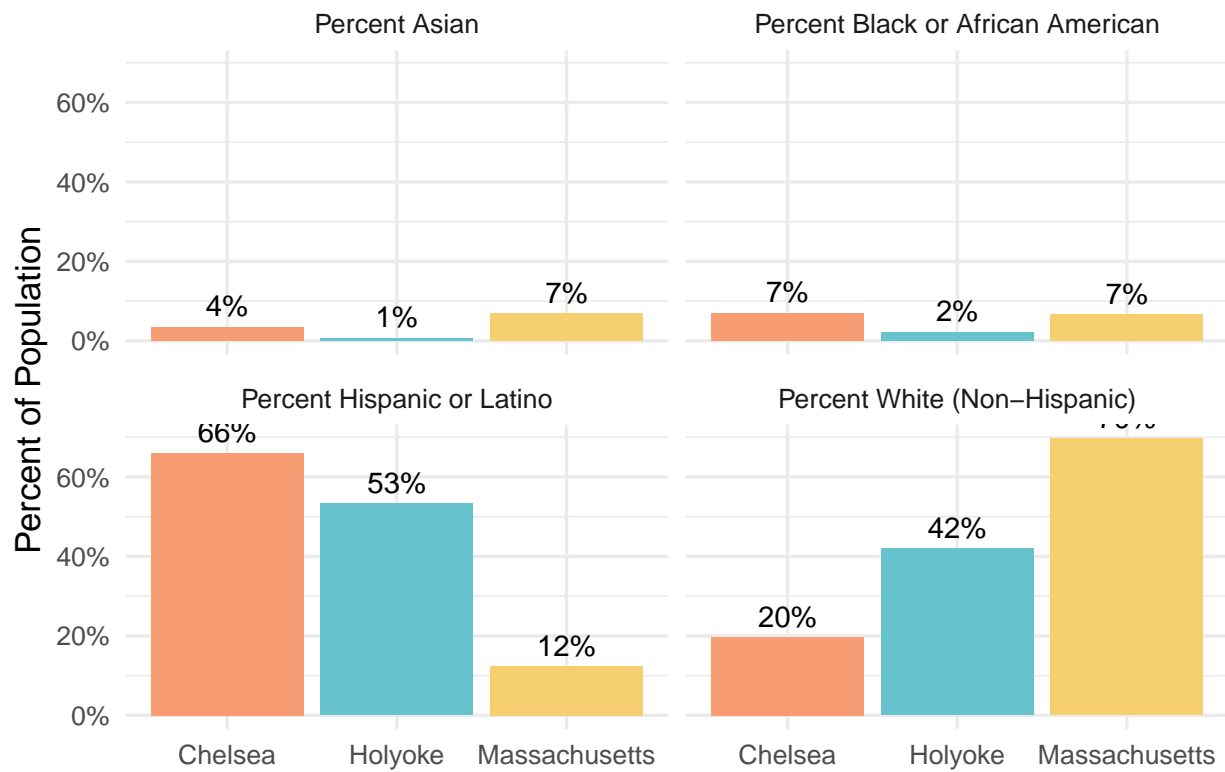
```
## Reading layer 'holyoke_boundary' from data source
##   '/Users/eduardosmarin/Desktop/EVST 496 Senior Research Project/03 EVST 496 Data/B Input Data/Holyoke'
##   using driver 'GPKG'
## Simple feature collection with 1 feature and 1 field
## Geometry type: POLYGON
## Dimension:      XY
## Bounding box:   xmin: -72.69052 ymin: 42.16204 xmax: -72.59021 ymax: 42.28627
## Geodetic CRS:   WGS 84

## Reading layer 'chelsea_boundary' from data source
##   '/Users/eduardosmarin/Desktop/EVST 496 Senior Research Project/03 EVST 496 Data/B Input Data/Chelsea'
##   using driver 'GPKG'
## Simple feature collection with 1 feature and 1 field
## Geometry type: POLYGON
## Dimension:      XY
## Bounding box:   xmin: -7909621 ymin: 5218777 xmax: -7904790 ymax: 5223233
## Projected CRS:  WGS 84 / Pseudo-Mercator
```

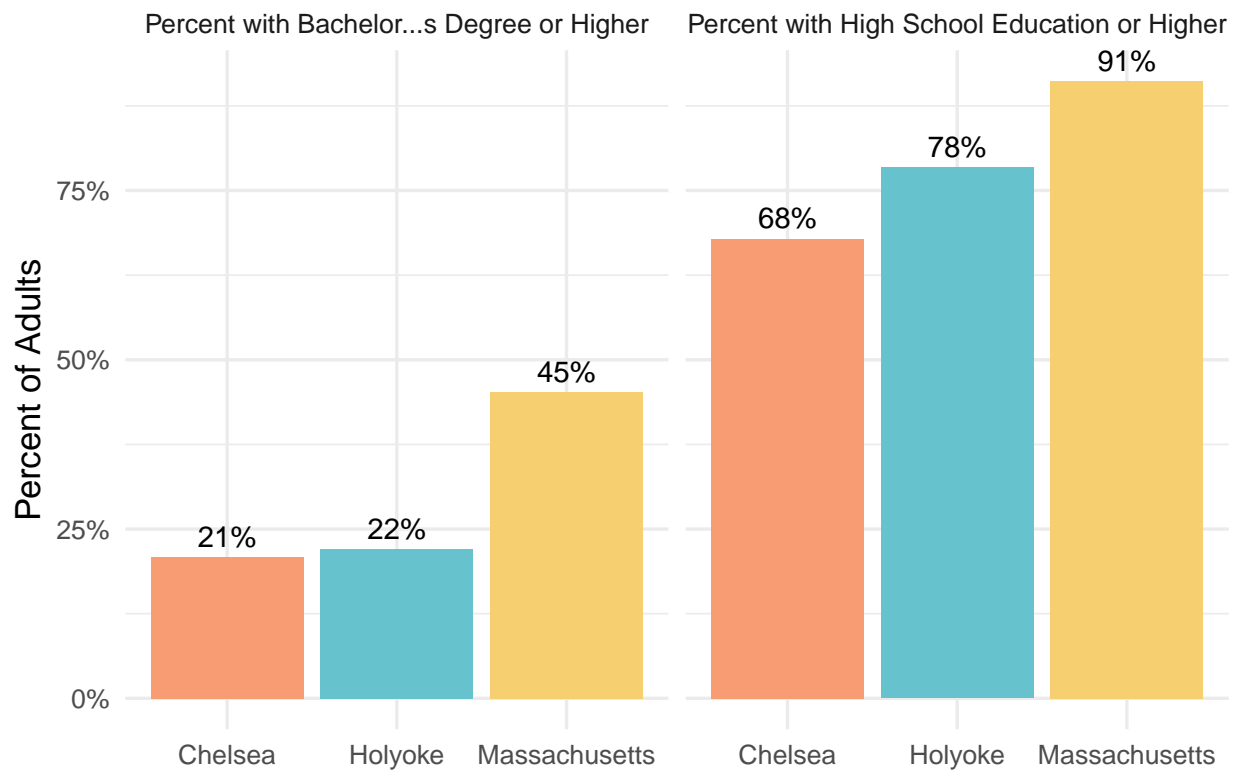
Median Household Income by Region



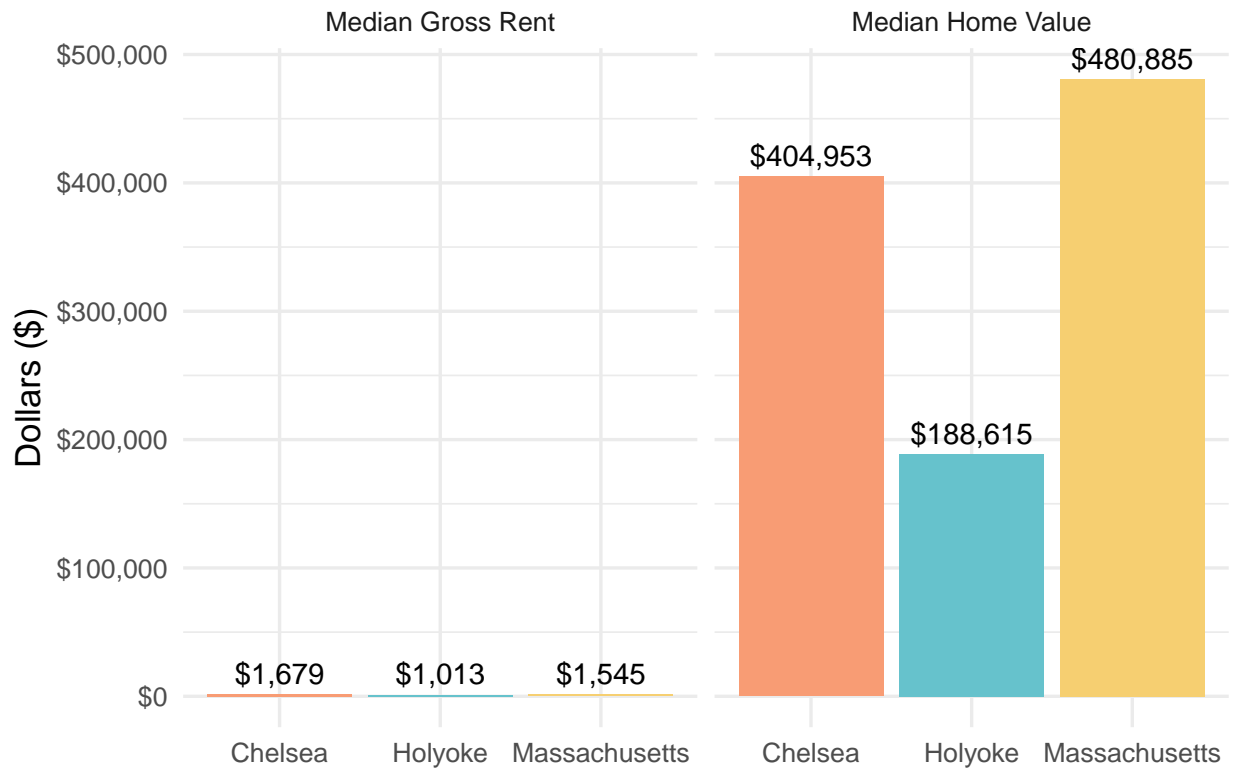
Racial and Ethnic Composition



Educational Attainment (Age 25+)



Median Home Value and Rent



Housing Tenure by Region

