Geospatial Chart:

Tool: Tableau

Dataset source: https://www.ers.usda.gov/data-products/county-level-data-sets/download-data/
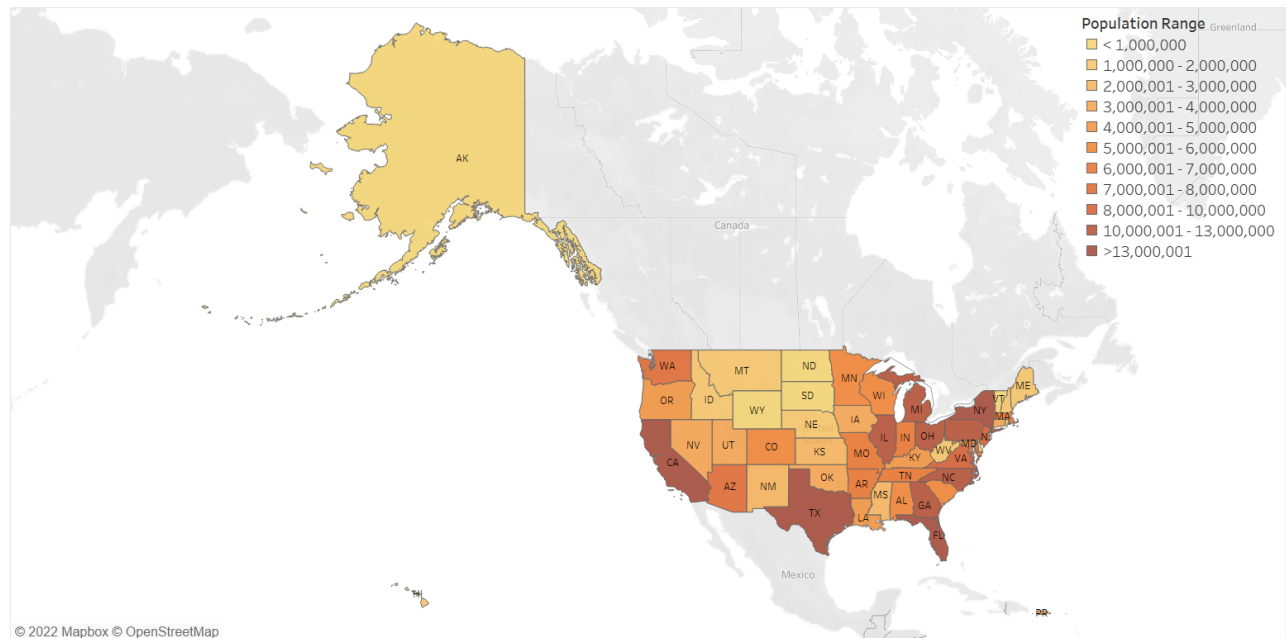
As seen in the chart below, I have created a Choropleth map of the total population of each state. The data is based on the year 2021. A legend on the top-right corner indicates the range of the population.

The below diagrams show how we can highlight a range to find out which states belong to that range. And each area covered can be highlighted by hovering. It shows the total population as well as the full state name.
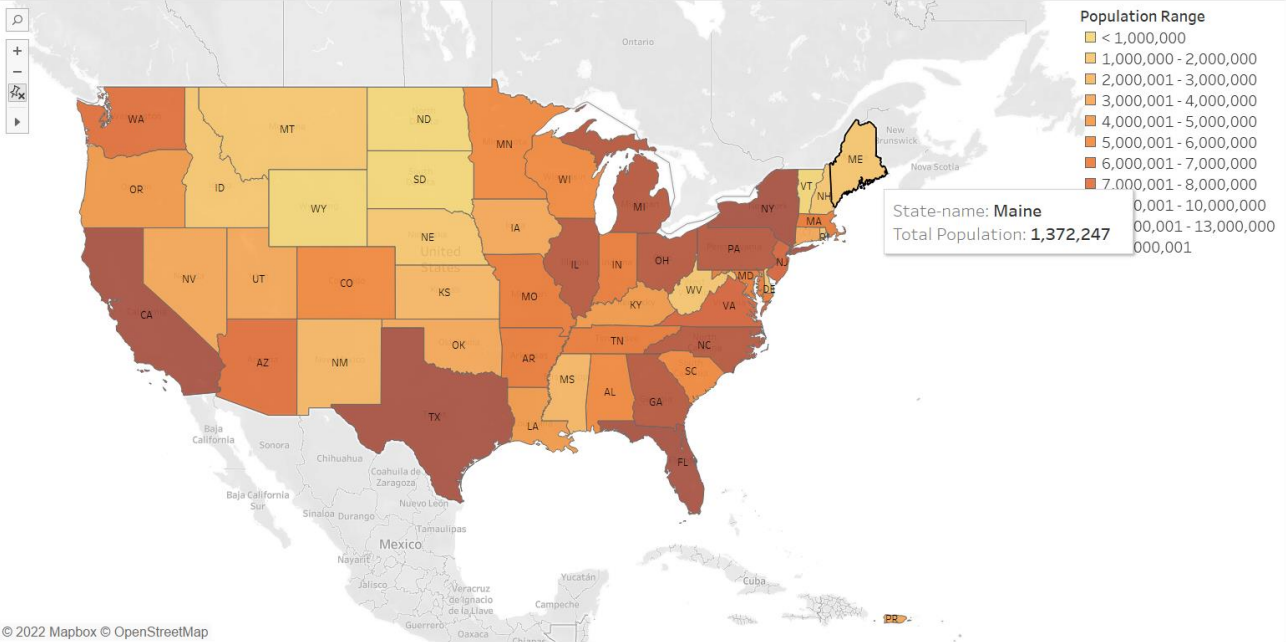
Total Population by State in the United States in 2021

Choropleth Map indicating the most populated to the least populated State in the country

Population Range
- < 1,000,000
- 1,000,000 - 2,000,000
- 2,000,001 - 3,000,000
- 3,000,001 - 4,000,000
- 4,000,001 - 5,000,000
- 5,000,001 - 6,000,000
- 6,000,001 - 7,000,000
- 7,000,001 - 8,000,000
- 8,000,001 - 10,000,000
- 10,000,001 - 13,000,000
- >13,000,001

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Total Population by State in the United States in 2021

Choropleth Map indicating the most populated to the least populated State in the country

Population Range
- < 1,000,000
- 1,000,000 - 2,000,000
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- 4,000,001 - 5,000,000
- 5,000,001 - 6,000,000
- 6,000,001 - 7,000,000
- 7,000,001 - 8,000,000
- 8,000,001 - 10,000,000
- 10,000,001 - 13,000,000
- >13,000,001

State-name: **Maine**
Total Population: **1,372,247**

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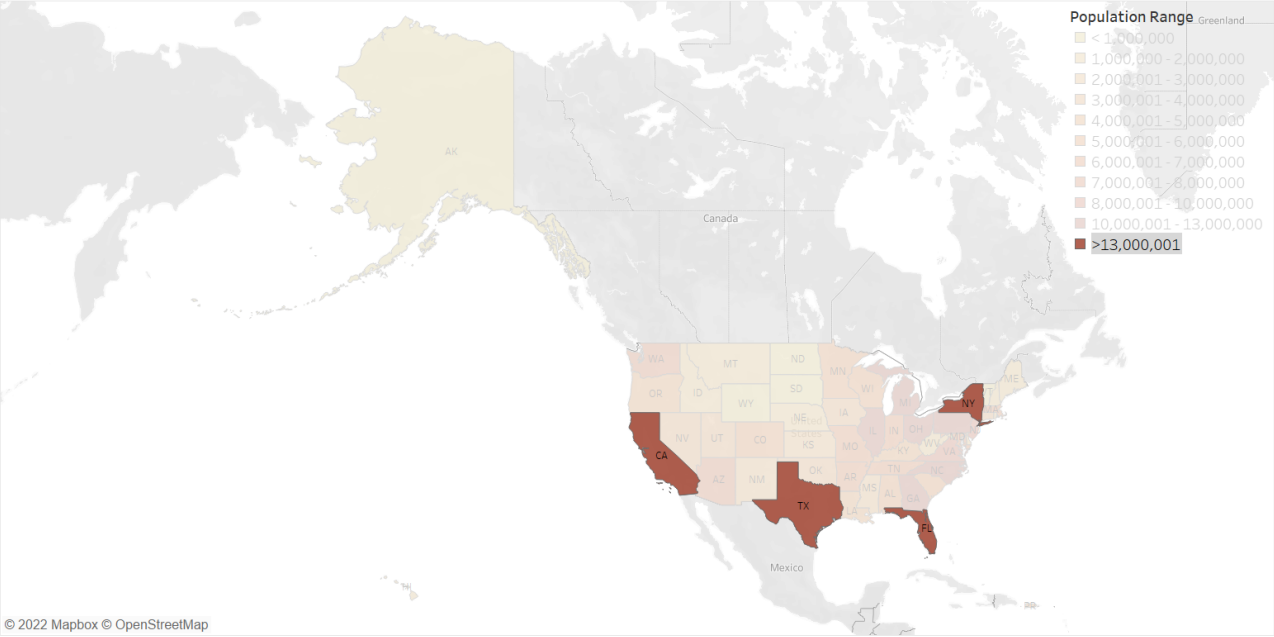
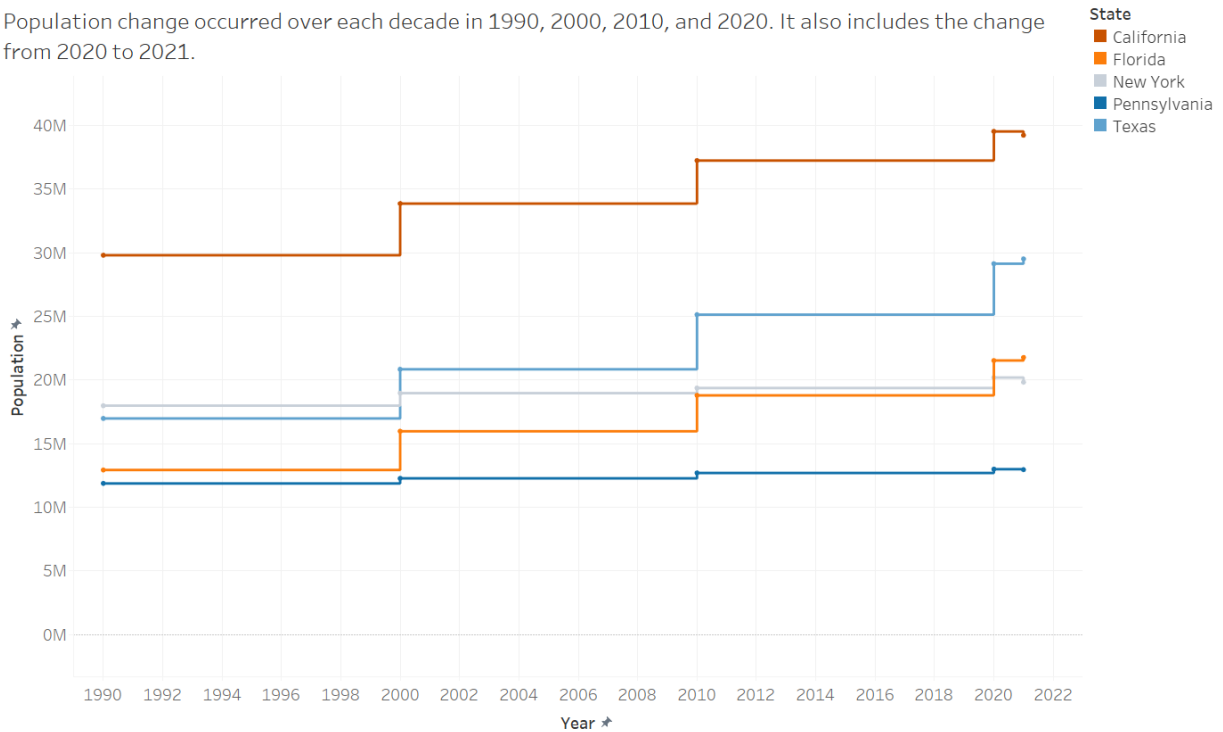# Time-Series Chart:

Tool: Tableau

Data source:

Change in the population of top five most populated states in United States from 1990-2021
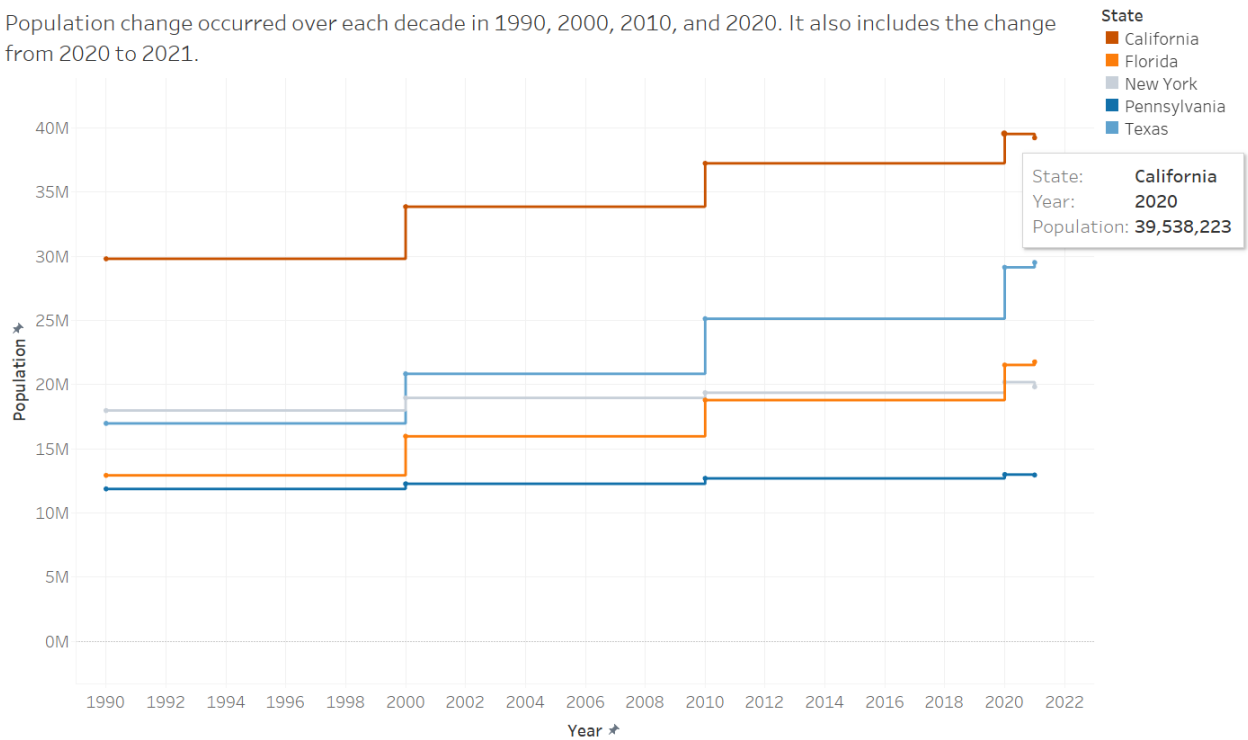
Population change occurred over each decade in 1990, 2000, 2010, and 2020. It also includes the change from 2020 to 2021.

Population change over the years is represented among five states through a line graph. The graph has straight lines because we only look at the change occurring over a decade. A flat line representation helps in showing a connection but also avoids misrepresentation of continuously growing slant lines. The below chart shows how we can hover and get further details of the population at each node.

Change in the population of top five most populated states in United States from 1990-2021

Population change occurred over each decade in 1990, 2000, 2010, and 2020. It also includes the change from 2020 to 2021.

State
- California
- Florida
- New York
- Pennsylvania
- Texas

State:	California
Year:	2020
Population:	39,538,223

Change in the population of top five most populated states in United States from 1990-2021

Population change occurred over each decade in 1990, 2000, 2010, and 2020. It also includes the change from 2020 to 2021.

State
- California
- Florida
- New York
- Pennsylvania
- Texas

State:	California
Year:	2021
Population:	39,237,836