

ArcGIS Online: Using Smart Mapping

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2021 ESRI USER CONFERENCE

Agenda

Overview of smart mapping styles

Live demos

- **Data exploration within the map in web GIS**
- **Intelligent map recommendations**
- **Easy customization of smart mapping symbols, color ramps, labels**



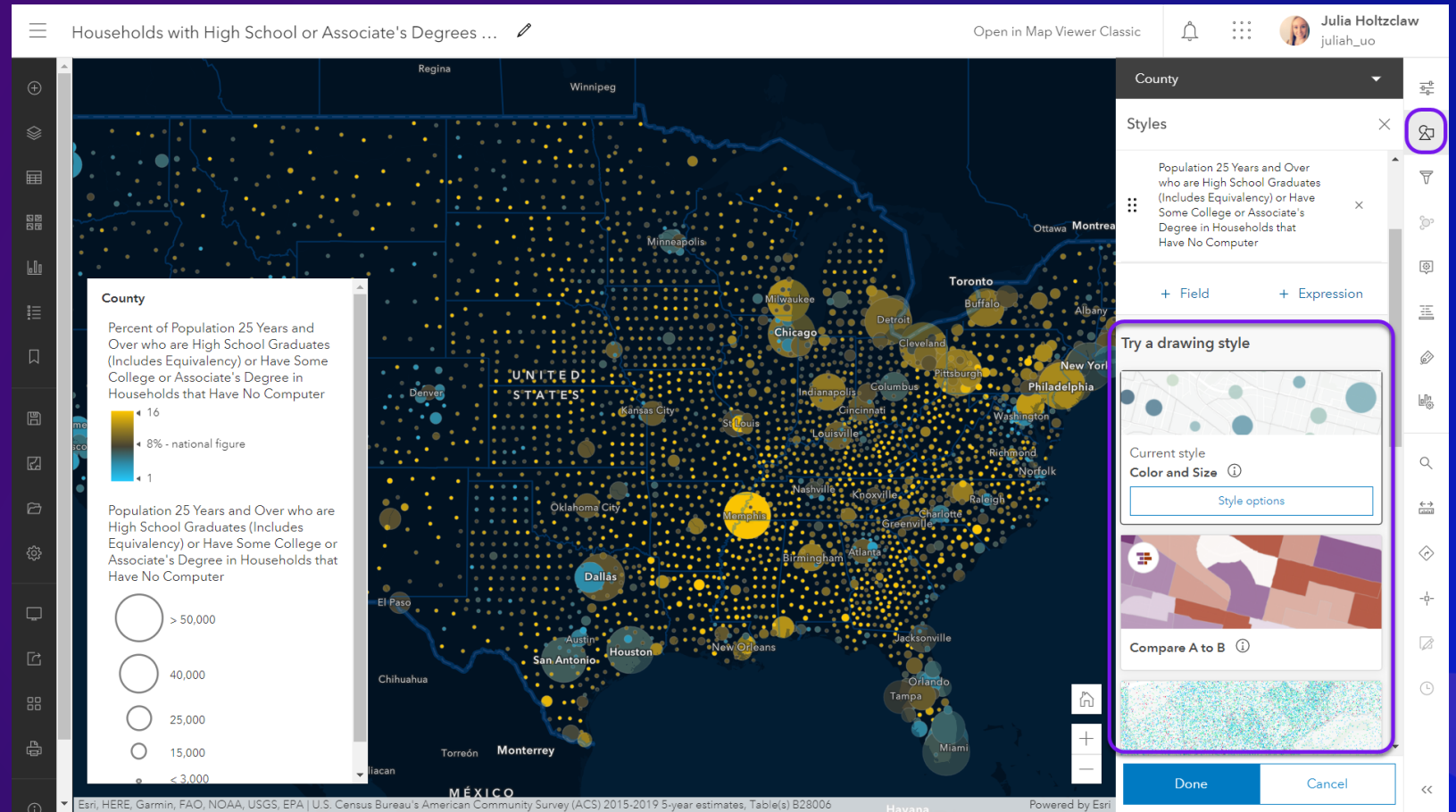
What is Smart Mapping?

Tool to symbolize and explore your data

“Style” of your map

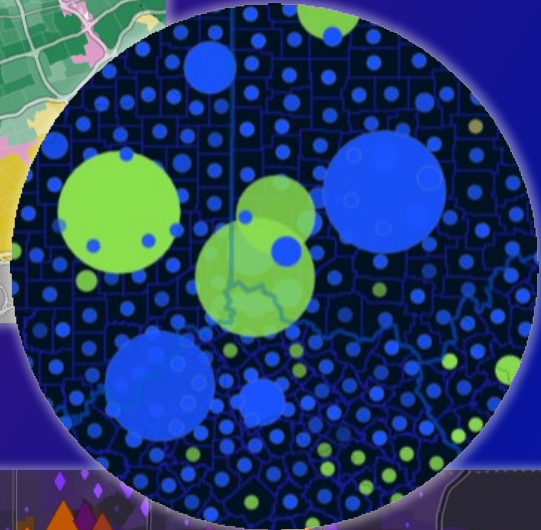
Gives smart defaults based on your data

Only offers you mapping styles that work with your data type



Smart Mapping Styles

- Color
- Size
- Color and Size
- Compare A to B
- Relationship/Relationship and Size
- Predominant Category/Predominant Category and Size
- Types
- Time



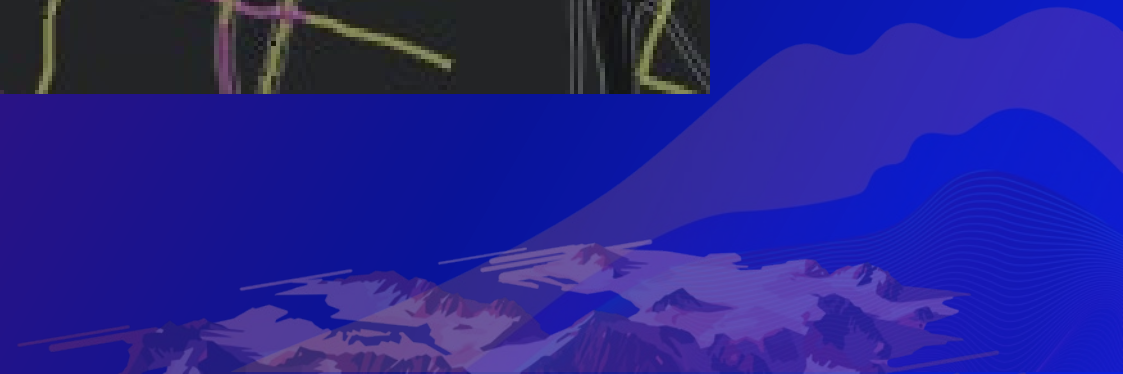
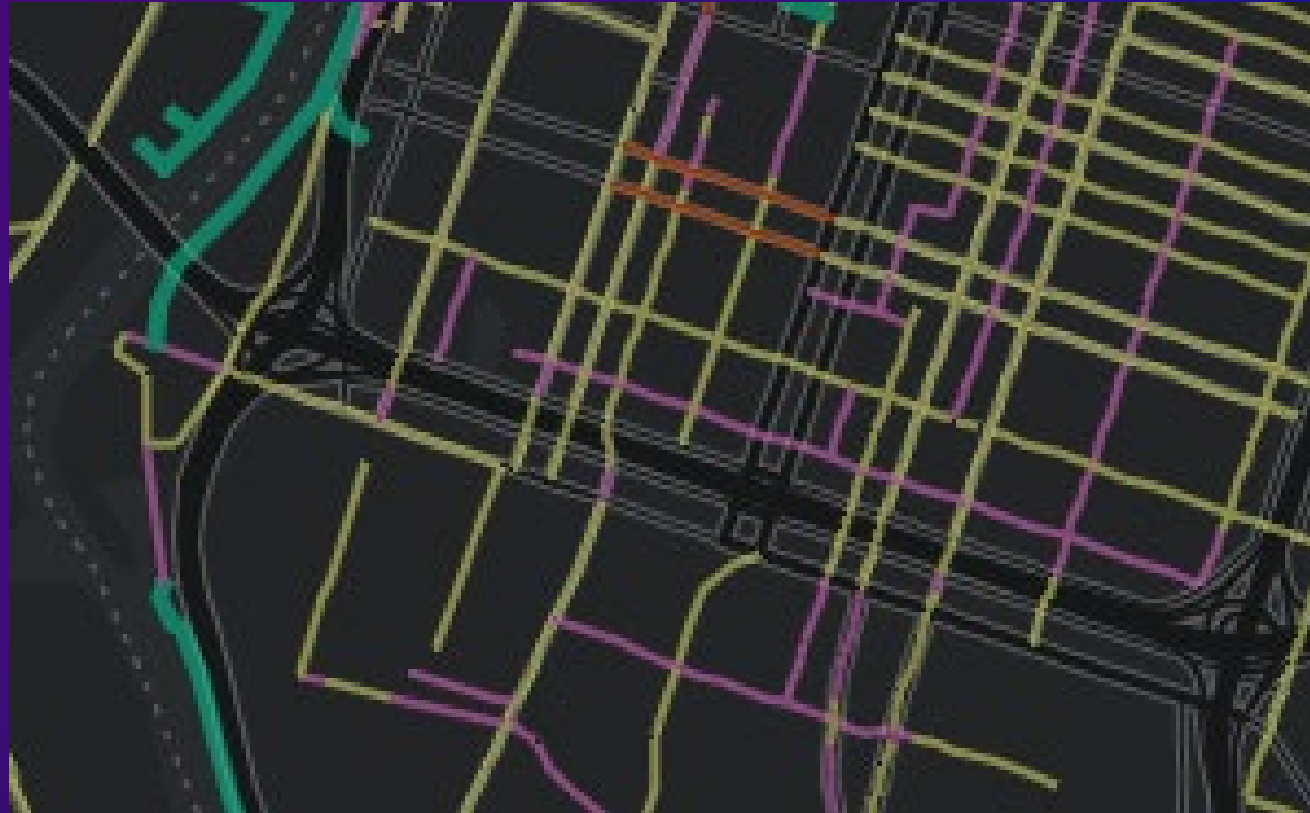
Visualize an Attribute

Location (Single Symbol)



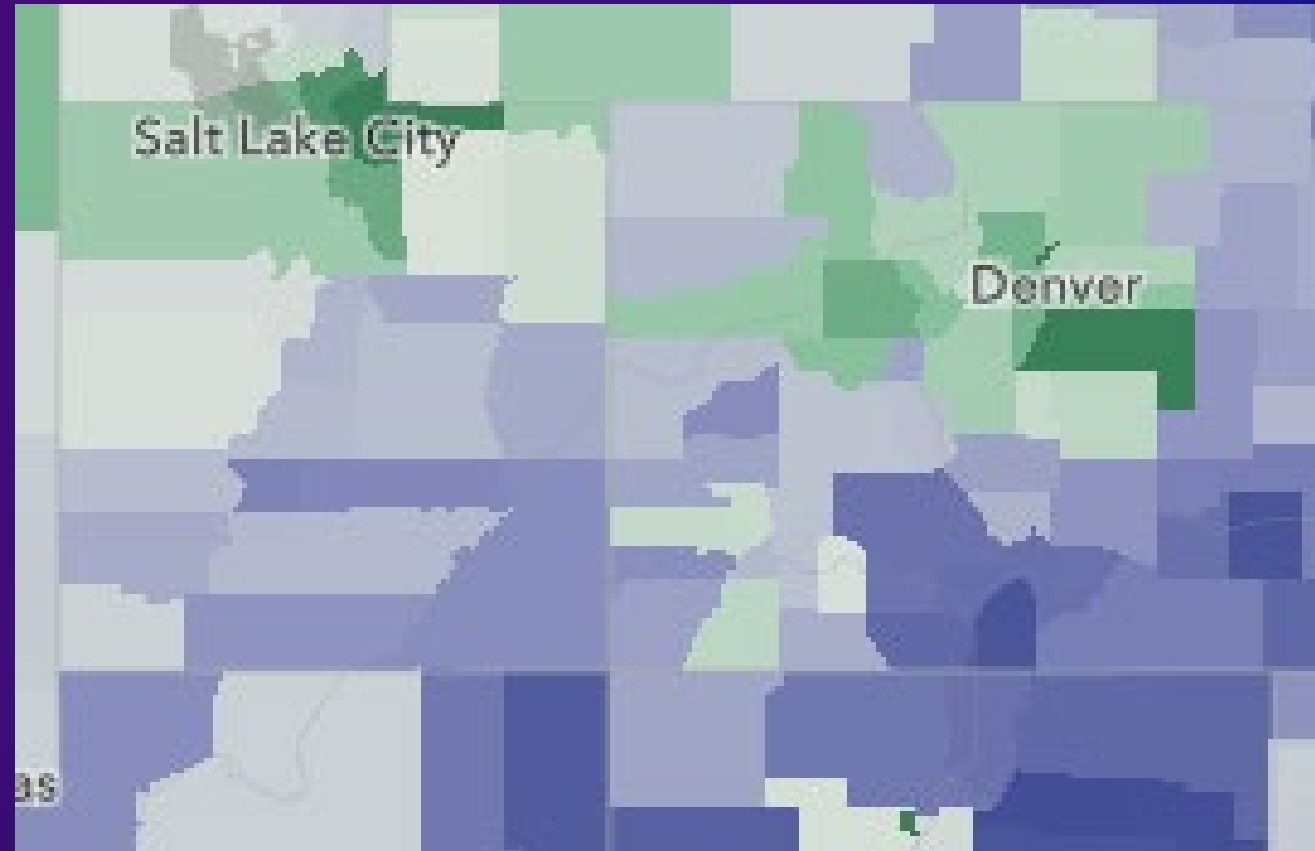
Visualize an Attribute

Types (Unique Symbol)



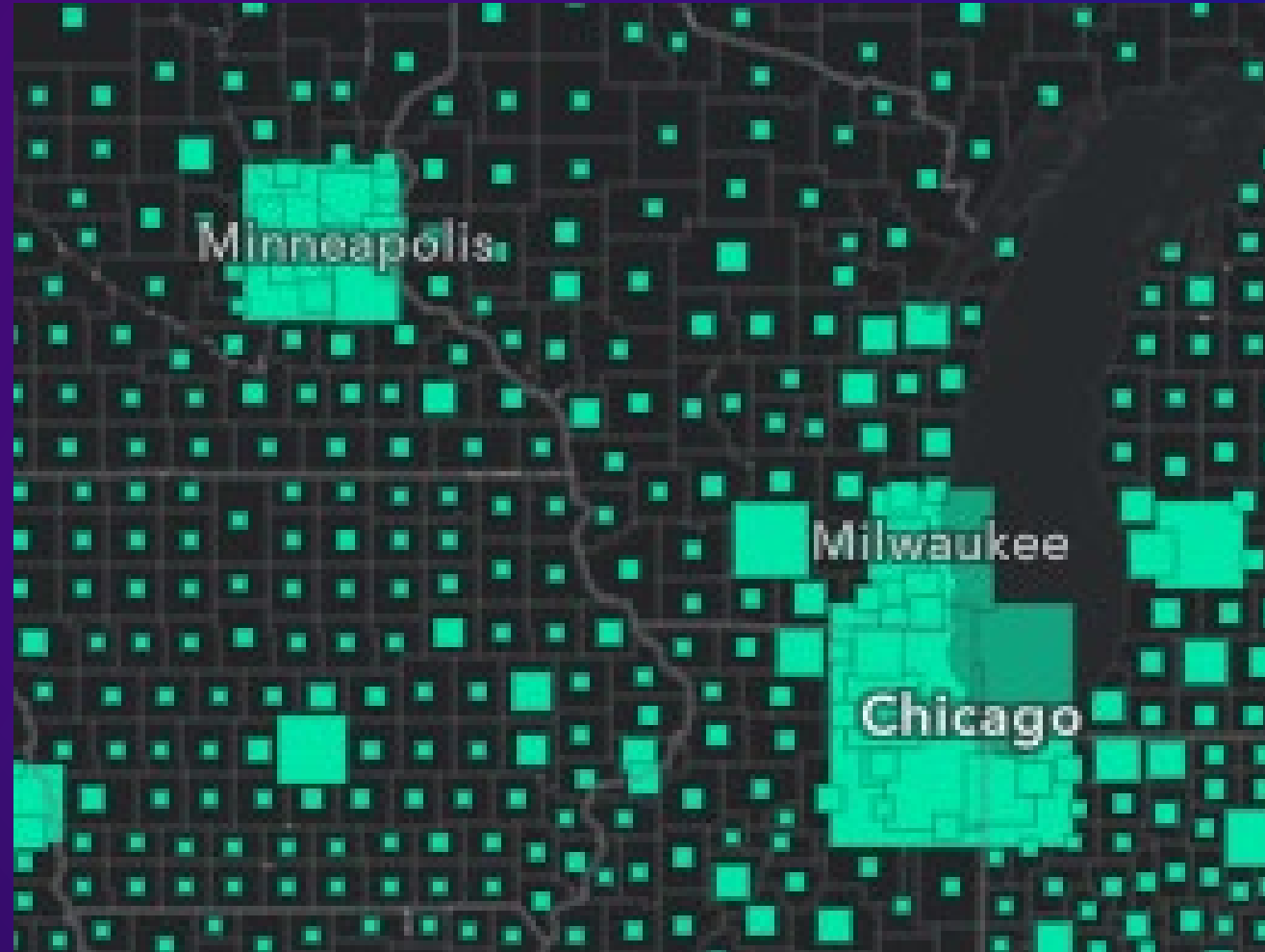
Visualize an Attribute

Color



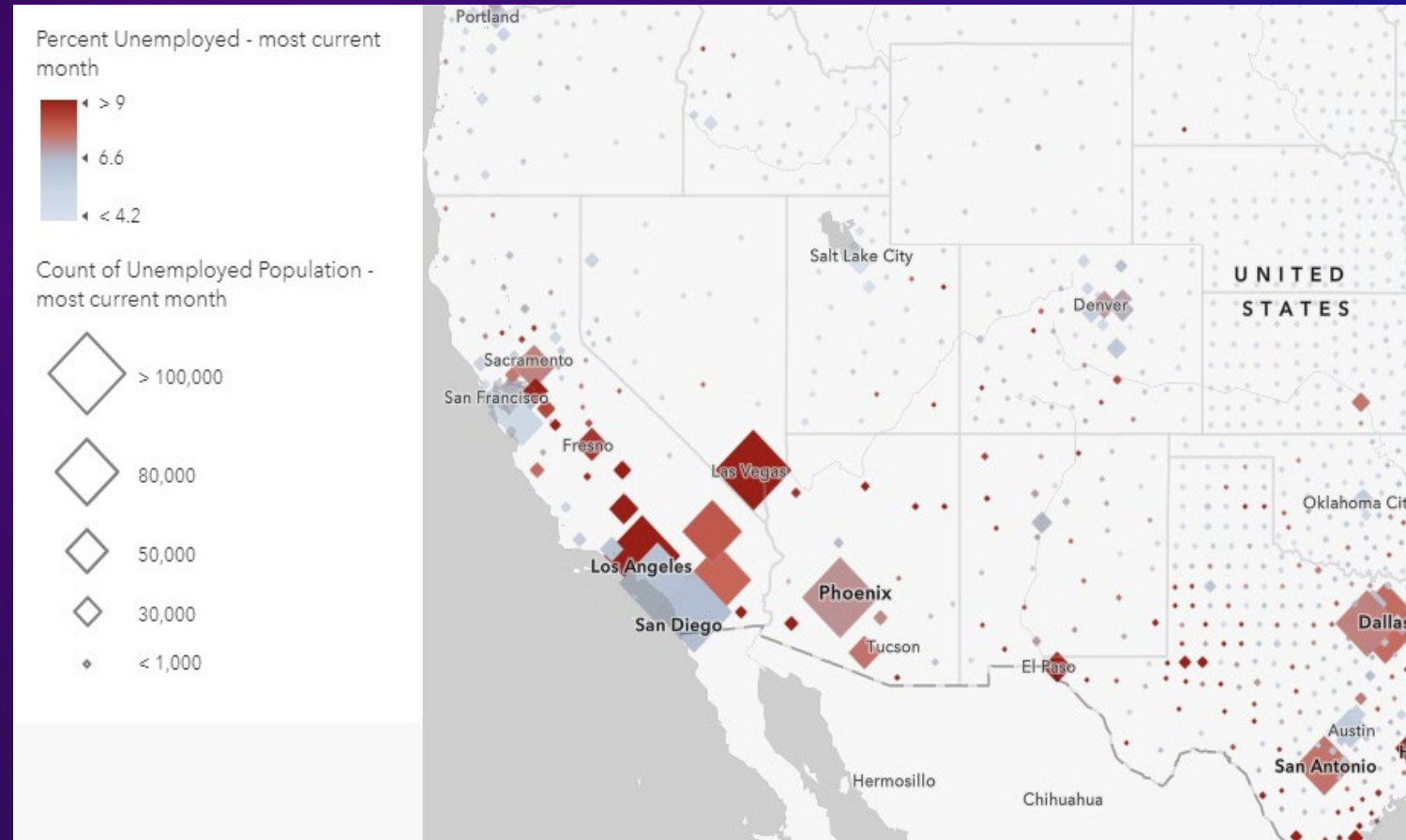
Visualize an Attribute

Size



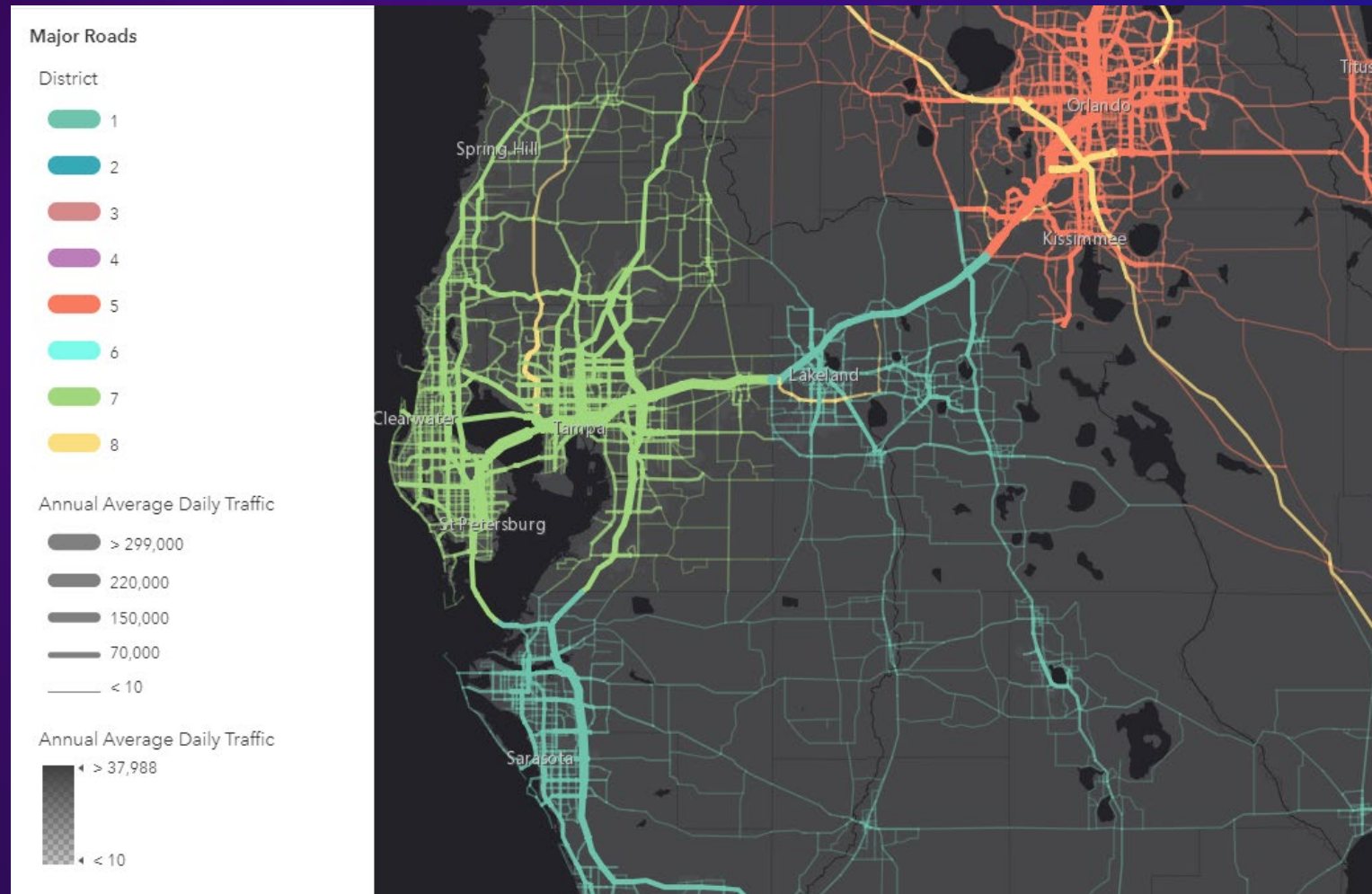
Visualize and Compare Multiple Attributes

Color and Size



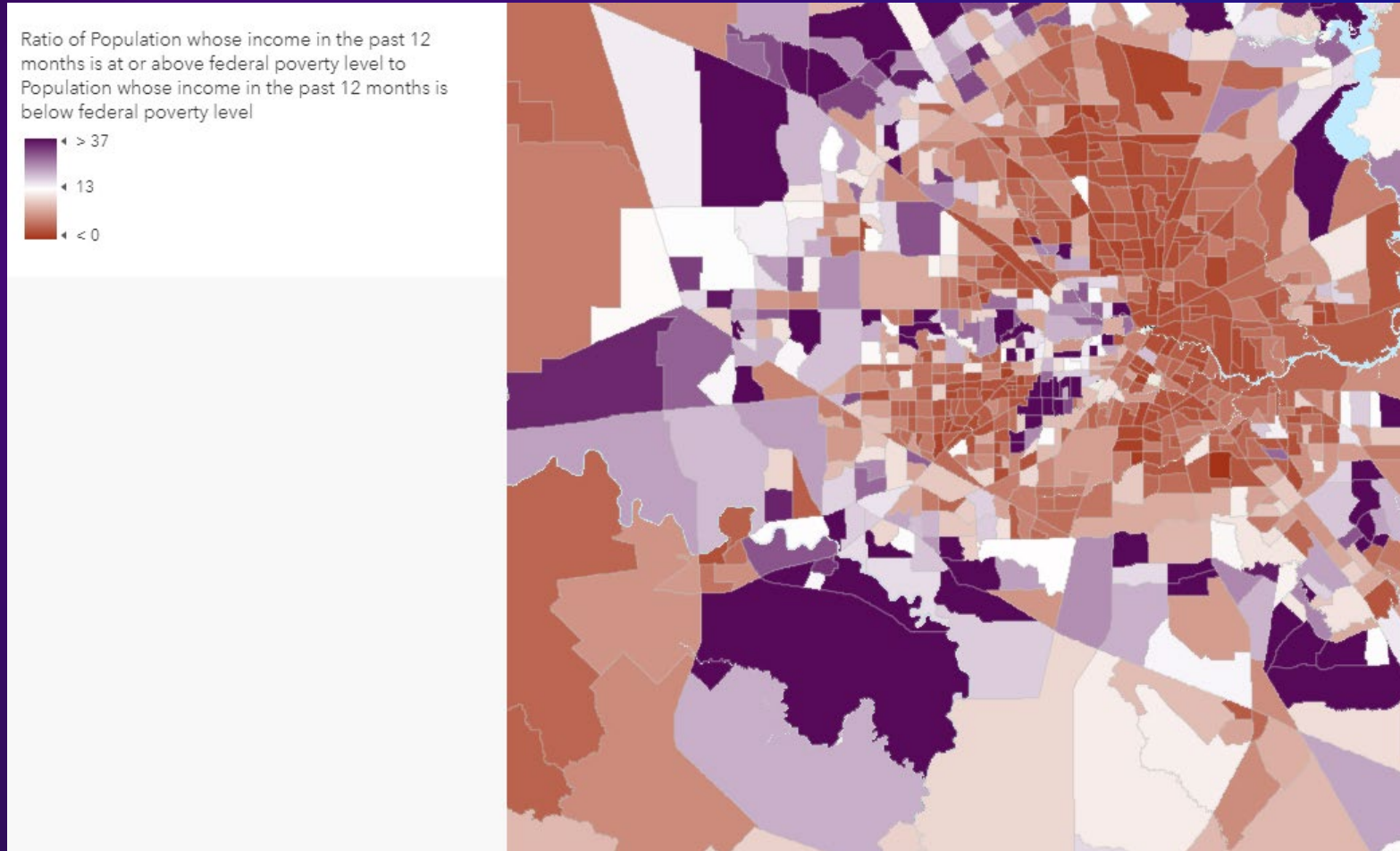
Visualize and Compare Multiple Attributes

Type and Size



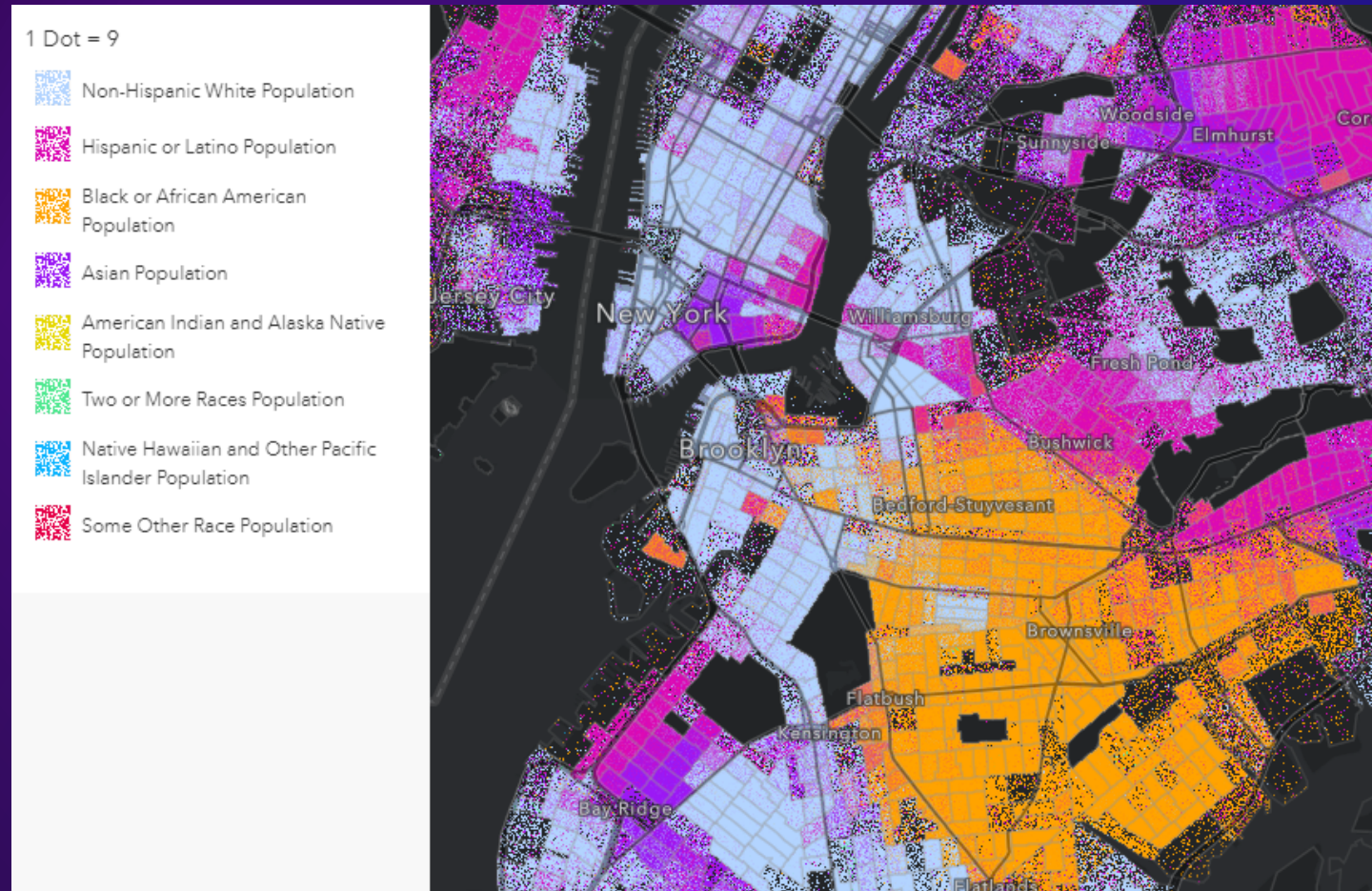
Visualize and Compare Multiple Attributes

Compare A to B



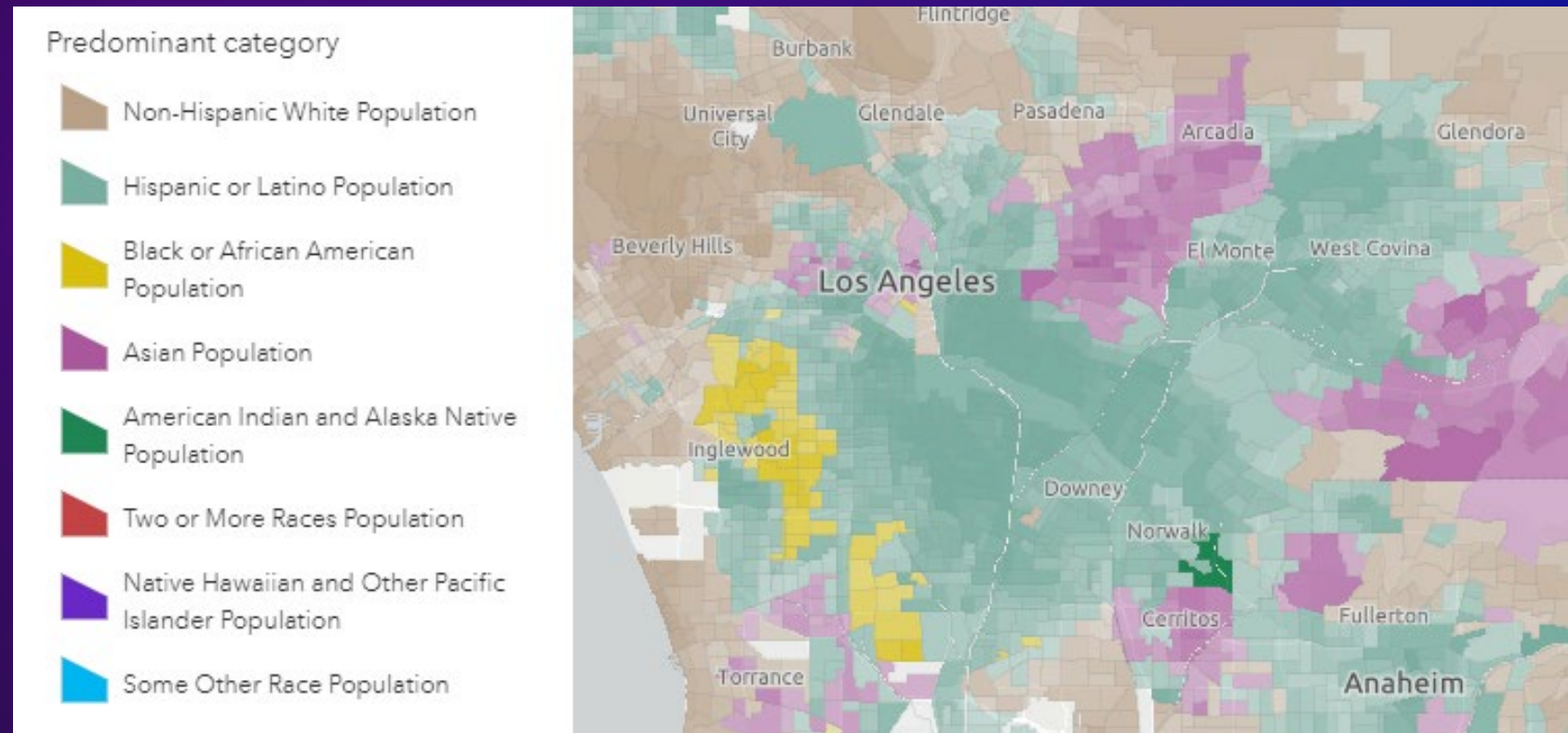
Visualize and Compare Multiple Attributes

Dot Density



Visualize and Compare Multiple Attributes

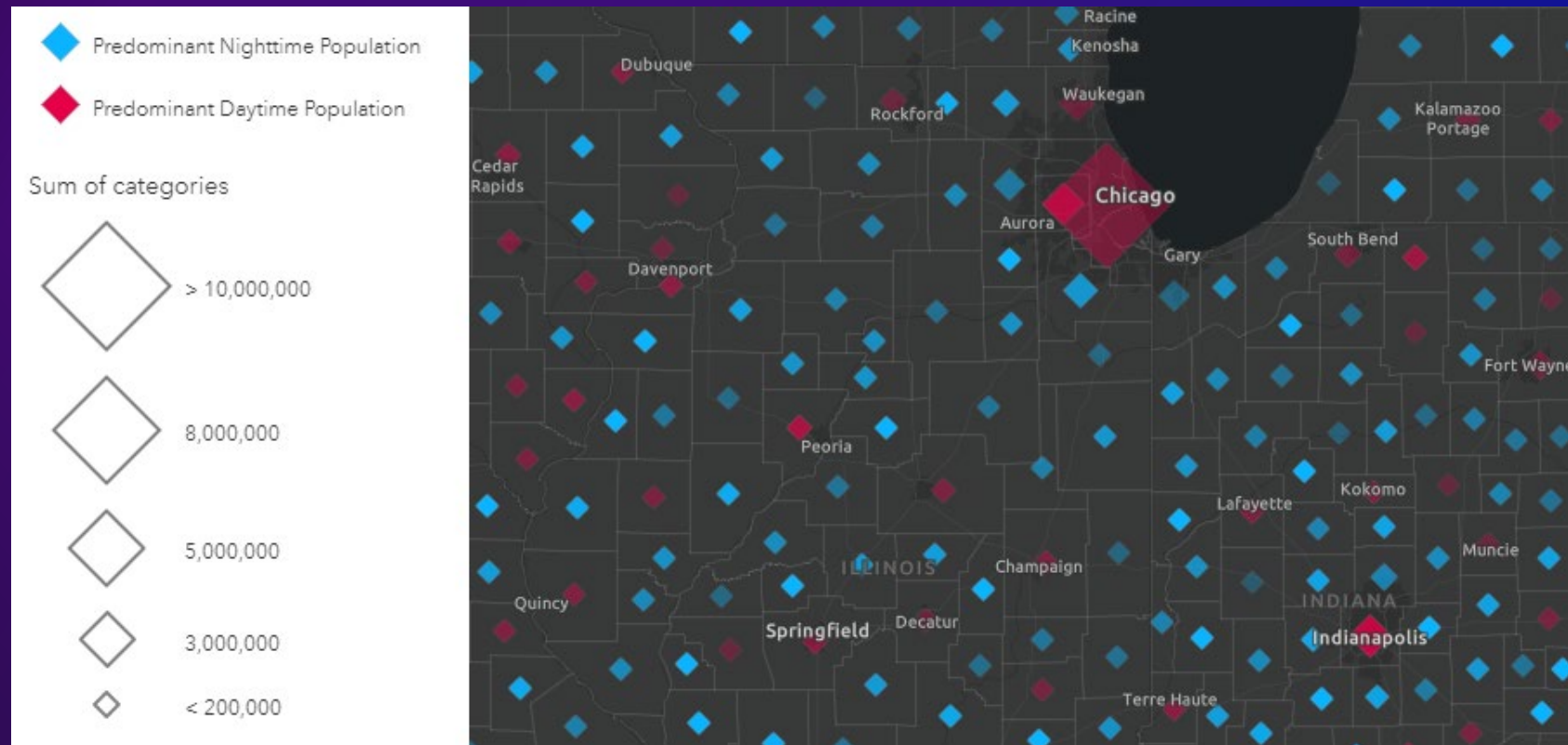
Predominant Category



Visualize and Compare Multiple Attributes

Predominant Category

Predominant Category and Size



Visualize Time

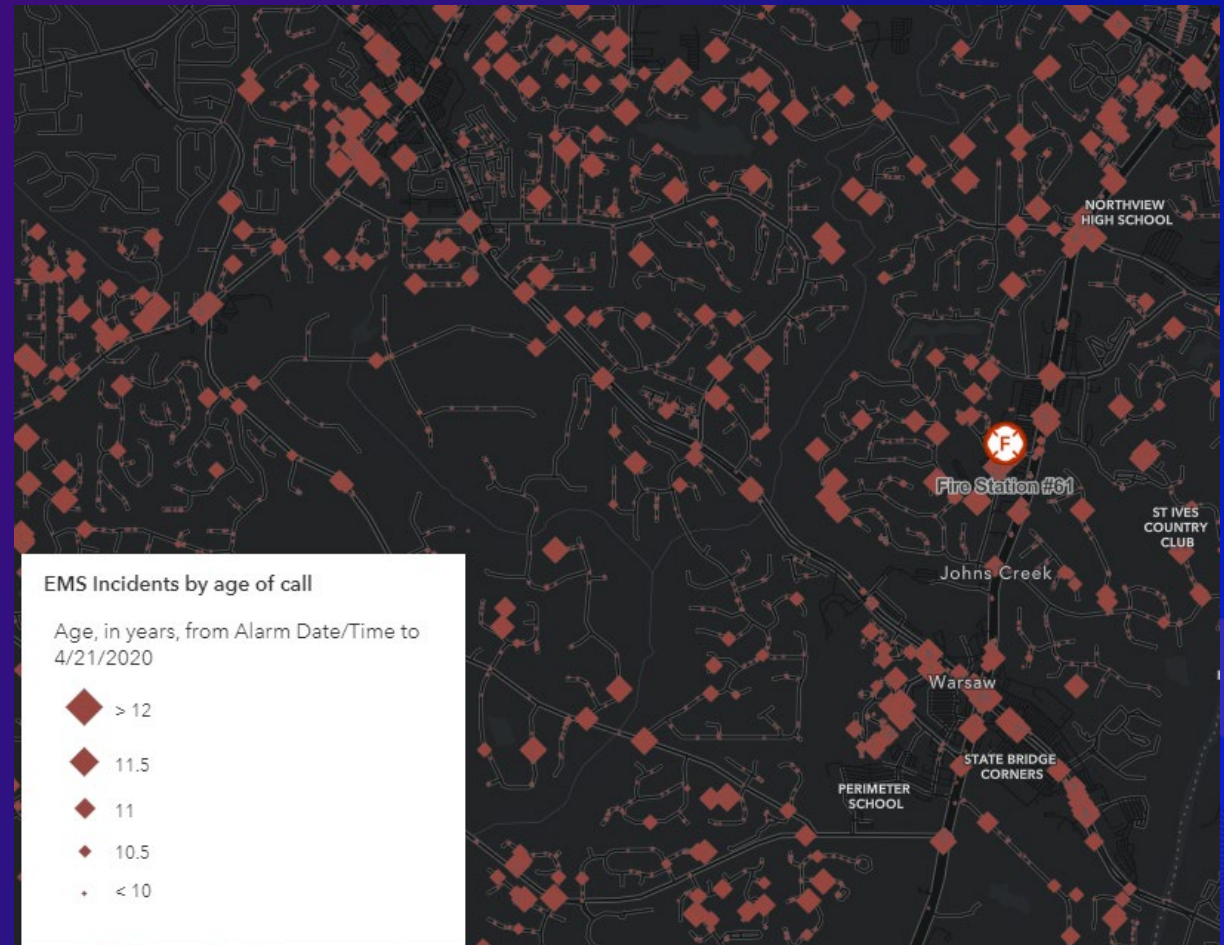
Continuous Timeline

Answer questions like:



Age

How long ago did this happen? How old is it?



Highlight Important Values with Themes

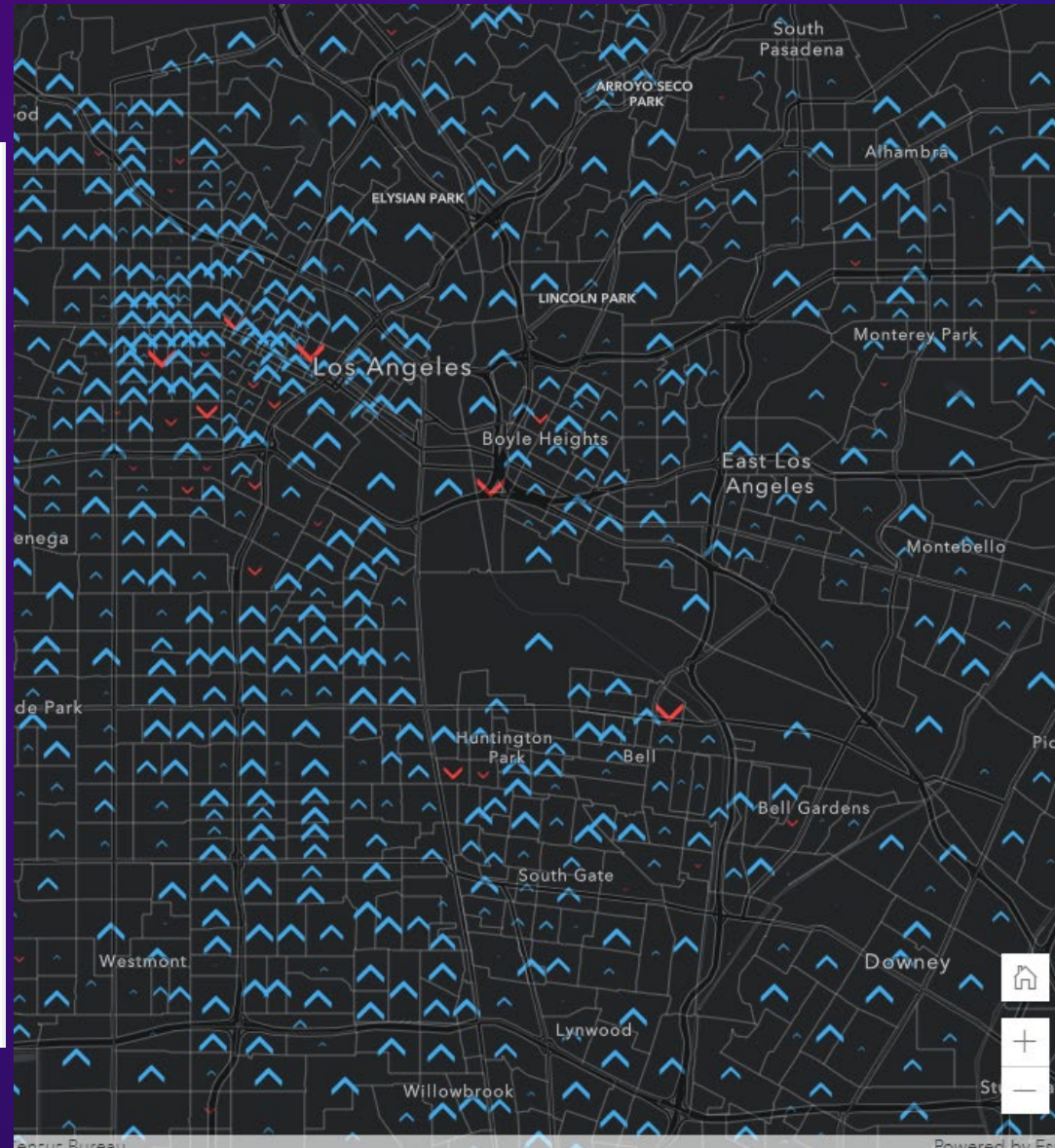
Theme

Above and below

Theme

Above and below

- High to low**
Vary the size of features from high to low.
- Above and below**
Show data above and below a value like zero or the average.
- Above**
Emphasize data above a key value like zero or the average.
- Below**
Emphasize data below a key value like zero or the average.
- Extremes**
Highlight the extreme values.



Theme

Above and below

Divided by

Choose a field

Symbol pair

Custom

Below

Above

Color scheme

Continuous

Binary

Symbol style

↑ ↓ 🔍 ↻

34

0.5

0

-0.5

-34

$\bar{x} 0.6$

Size range

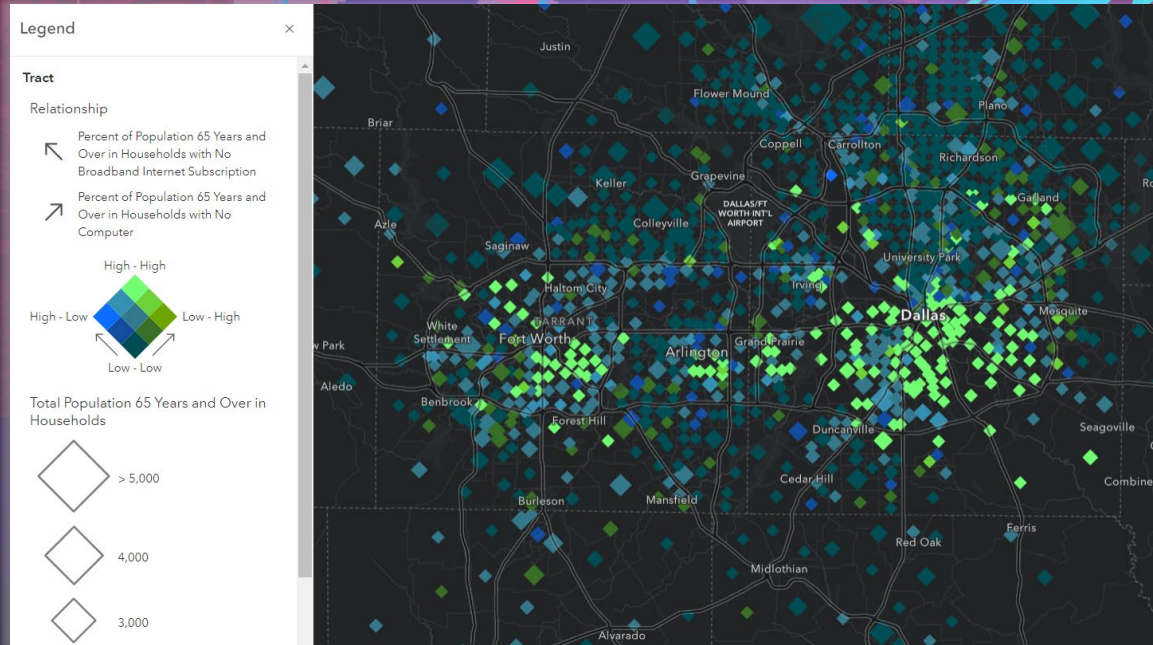
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Done

Cancel

Explore Smart Mapping Styles





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