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ArcGIS Online Data Exploration with Smart Mapping

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Explore Your Data Like Never Before

No previous knowledge necessary!



What is smart mapping?

- Where to find it
- How to use it



What rendering options are available?

- When to use each type
- Learn new things about your data as you map



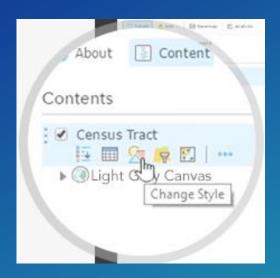
Tips and Tricks

- Make your maps more clear
- Make your maps meaningful

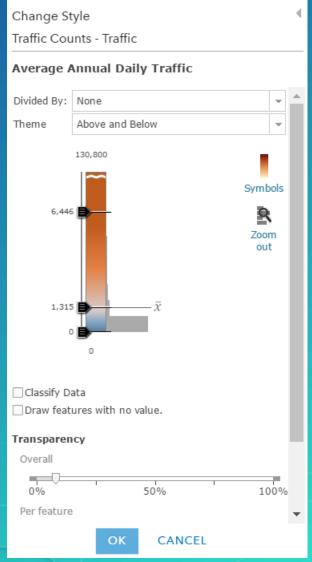
What is smart mapping?

Smart mapping is a tool for setting your cartography

- Looks at your data, and offers mapping types based on the attribute(s) you select
- Allows you to make adjustments and immediately see the map change
- Use as an exploratory tools by trying the different options







Let the Data Speak for Itself

Show Location



Heat map (points)



Color and Size

Let the Data Speak for Itself

Unique Symbols and Size

Mapping categorical data alongside meaningful numeric data

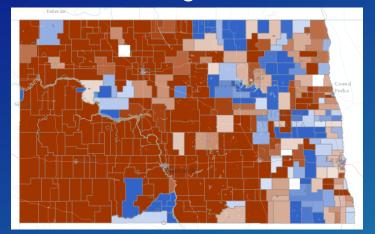
Color and Size

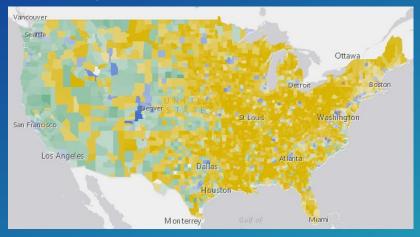
Mapping two numeric attributes together



Predominance

What is the largest value between multiple fields?





What is the sum value of those fields?

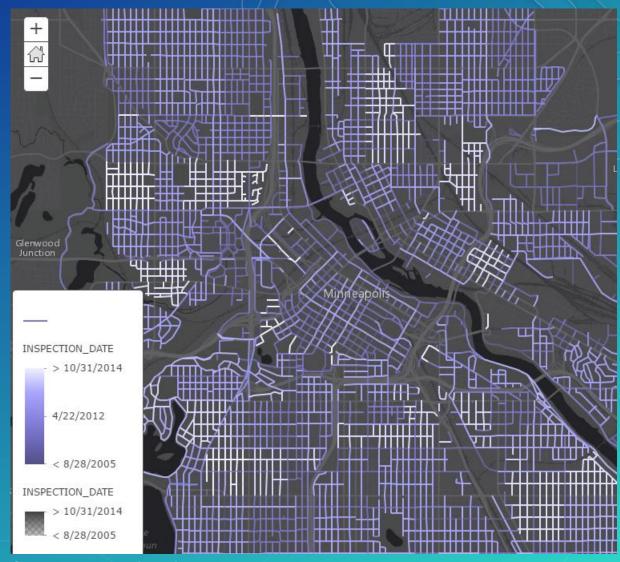




Time

Show patterns of time

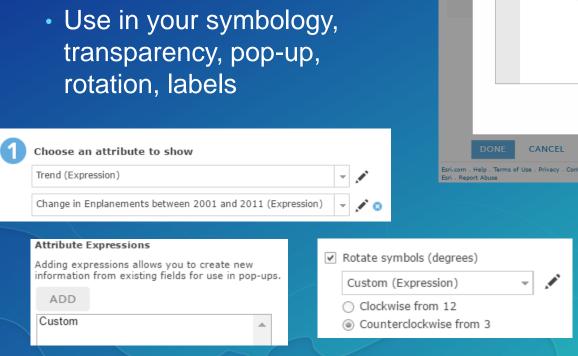
- Time over a continuous spectrum
- Time by age from a certain date
- Use time for the <u>color</u> or the <u>size</u> of the features

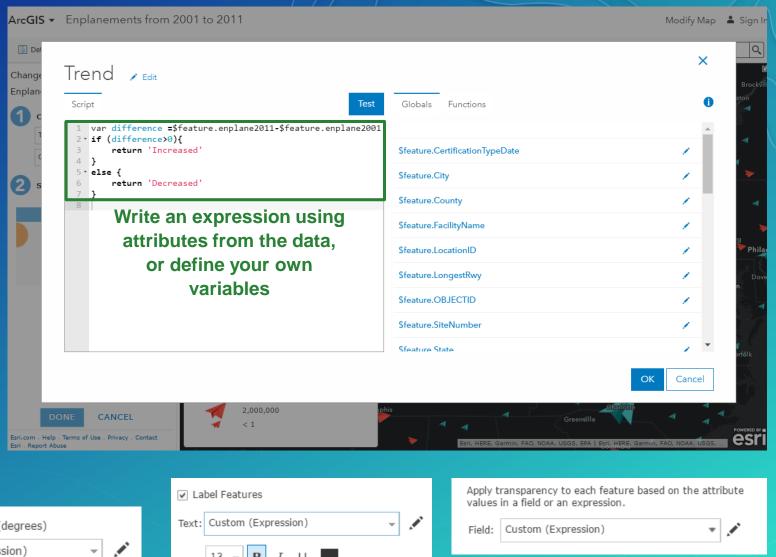


Continuous Time (color)

Arcade Expressions

- Full customization
- Map attributes you don't have
- Calculate values on the fly (even if you don't own the layer!)

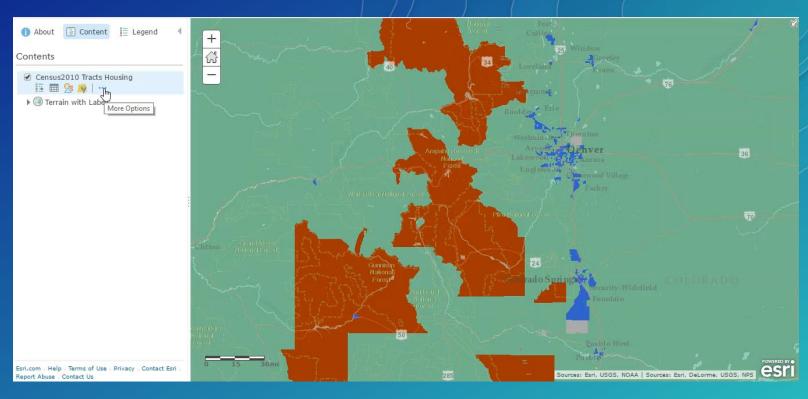




Transparency

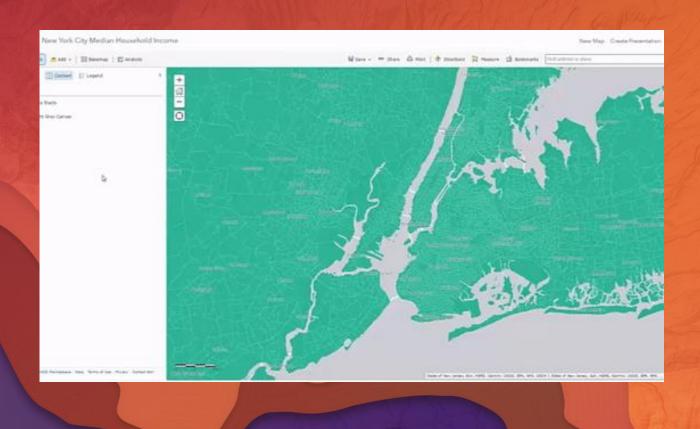
When to use transparency

- Showcase something in the basemap
- Soften the colors in the map
- Using an attribute to drive transparency value
 - Adds emphasis
 - Shows a pattern







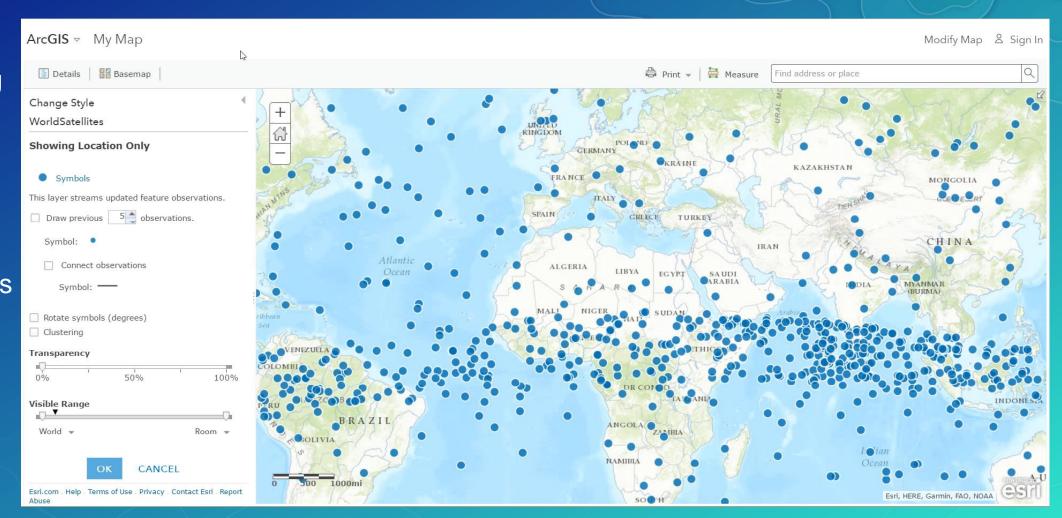


Explore your data with Smart Mapping

What's Coming?

Clustering (end of 2017)

Remove the clutter from your point maps



Resources

Check these out later!

Change Style Help Pages **Smart Mapping** How to Smart Map series 6 Easy Ways to Improve Your Maps

6 Easy Ways to Improve Your Maps

by Lisa Berry on April 12, 2016 ArcGIS allows you to explore your

data and make useful maps of it. When you choose "Change Style" in ArcGIS Online or Portal for ArcGIS map viewer, smart mapping analyzes

your data, and provides suggestions based on the fields and values within your data. These defaults can help you produce an effective map quickly

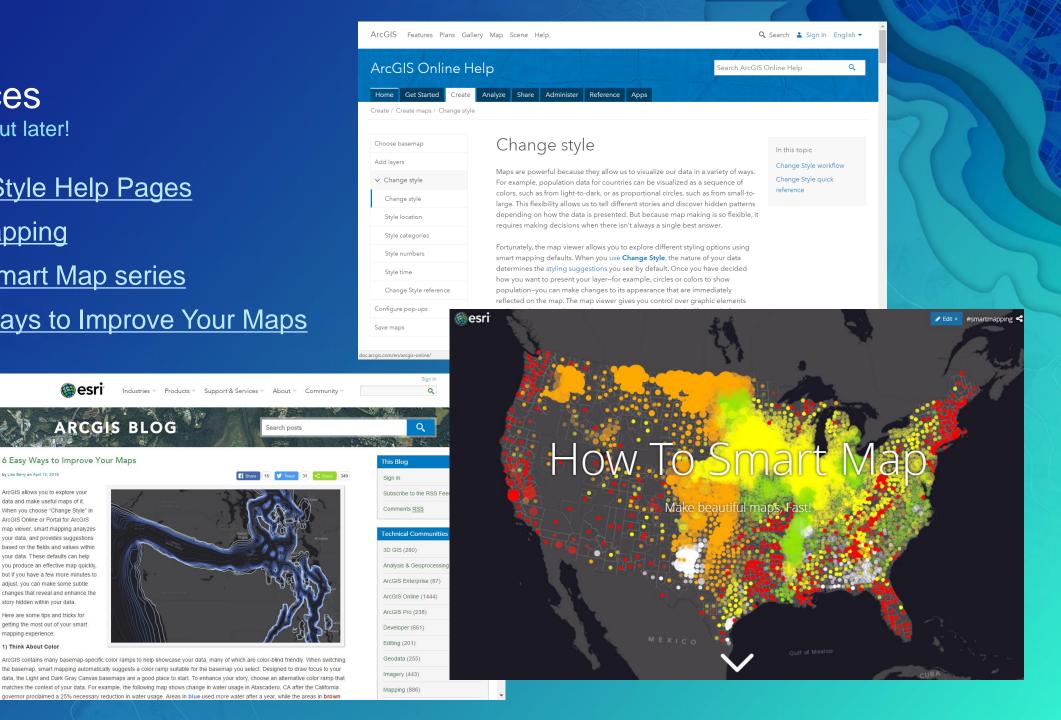
but if you have a few more minutes to

adjust, you can make some subtle changes that reveal and enhance the

story hidden within your data.

mapping experience: 1) Think About Color

Here are some tips and tricks for getting the most out of your smart

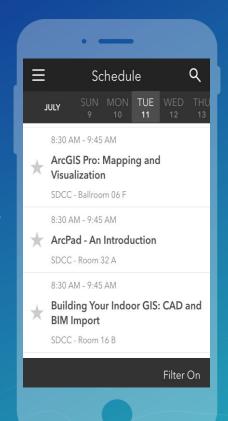


Please Take Our Survey on the Esri Events App!

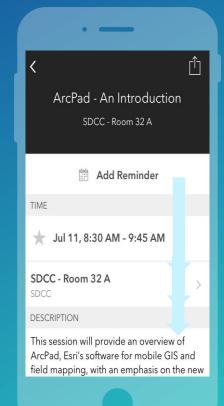
Download the Esri Events app and find your event



Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"

