



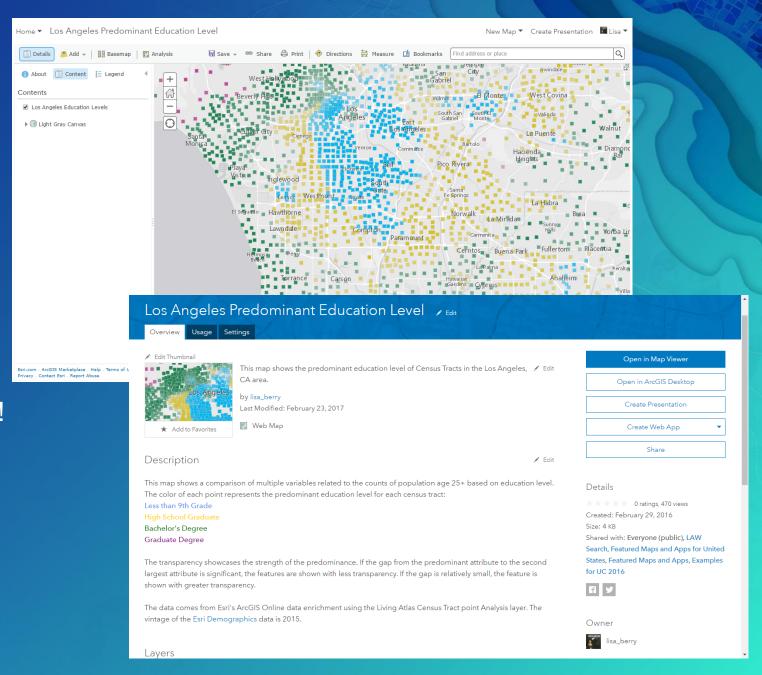
# Authoring Great Web Maps

Julia Holtzclaw - Cartographic Product Engineer 💆 @juliah\_gis

Lisa Berry - Cartographic Product Engineer 💆 @lisaberry\_gis

## Overview What will we be covering?

- What is a Web Map?
- Choose a Basemap
- Adding Data
- Design Your Map
- Add Metadata
- Share Your Map with the World!

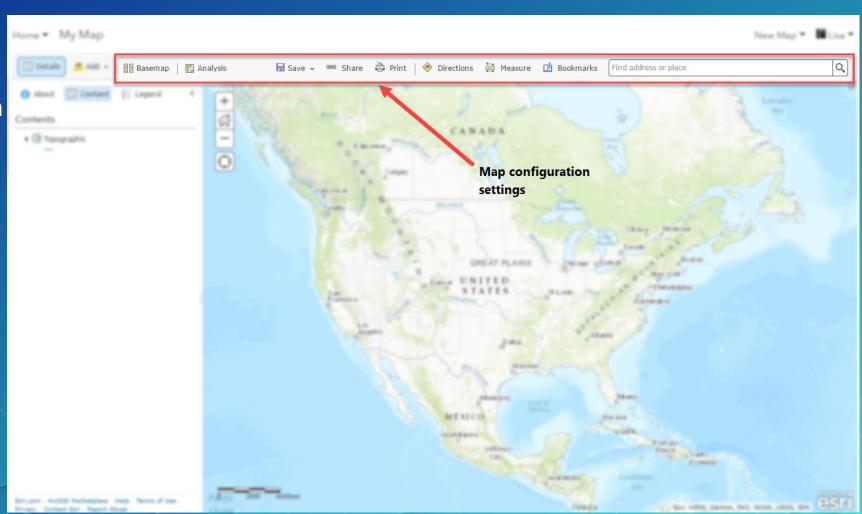


### What is a Web Map?

Container for your map settings and data (like an MXD)

Saves your map configuration in order to share it with the world as a URL

Can be absorbed by different applications like story maps



## Choose a Basemap

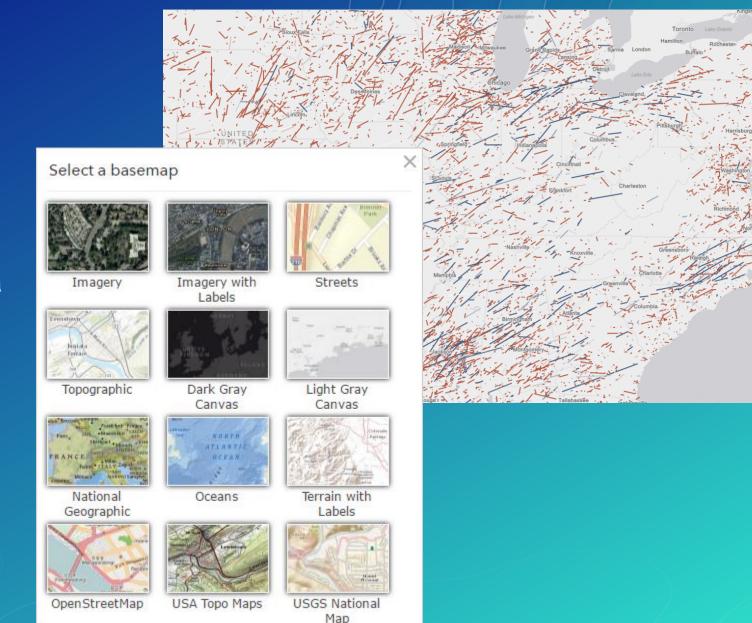
The basemap is the foundation of your map. It provides reference to your data.

Start your map by selecting a basemap that makes sense with your topic/data.

#### **Questions to ask yourself:**

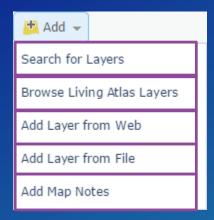
Do I just need the basemap as reference?

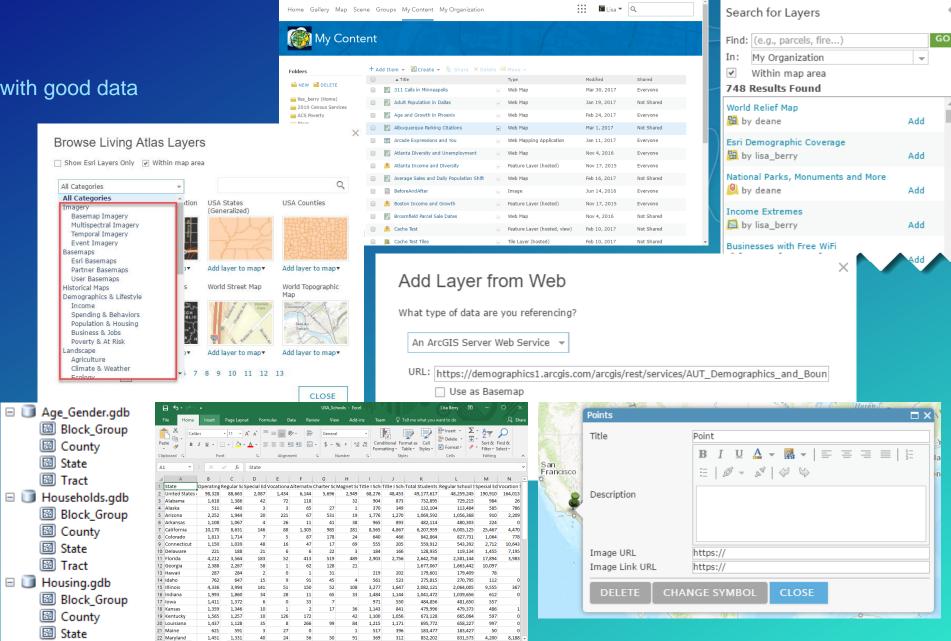
Do I need to see roads? Imagery? Natural features?



## **Adding Data**

Every good map starts with good data





## Design Your Map

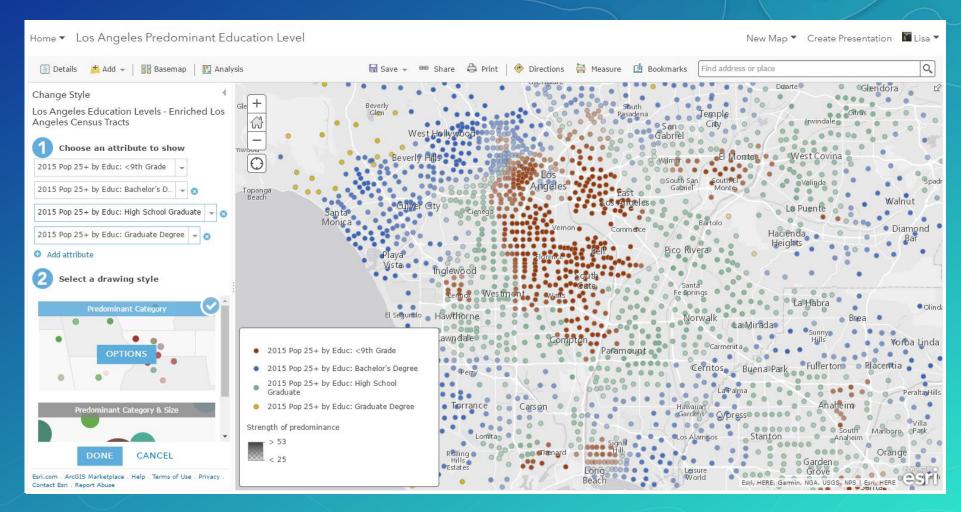
Don't forget that your map is interactive

What is smart mapping?

Making smart choices (color, transparency)

Different smart mapping options

Preview your changes before accepting

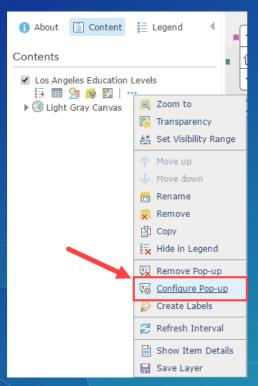


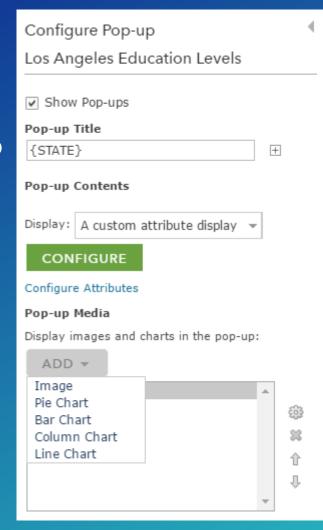
## Design Your Map

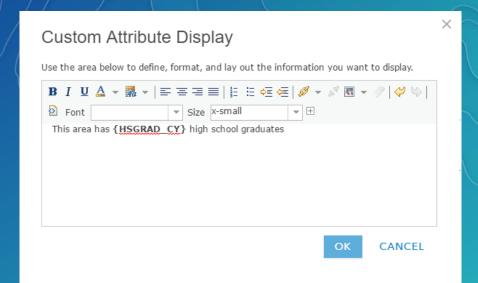
Don't forget that your map is interactive

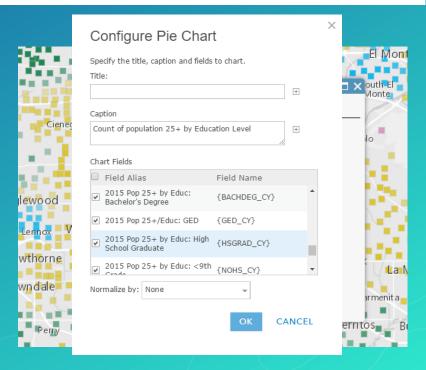
#### **Configure Popups**

Allow people to click on the map and get additional information









#### Los Angeles Predominant Education Level 🗸 🖼

Overview Usage Settings

Title



This map shows the predominant education level of Census Tracts in the Los Angeles, CA area.

by lisa\_berry Summary

Last Modified: February 23, 2017

Web Map

Thumbnail

Description

🖋 Edit

This map shows a comparison of multiple variables related to the counts of population age 25+ based on education level. The color of each point represents the predominant education level for each census tract:

Less than 9th Grade

Bachelor's Degree

Graduate Degree

The transparency showcases the strength of the predominance. If the gap from the predominant attribute to the second largest attribute is significant, the features are shown with less transparency. If the gap is relatively small, the feature is shown with greater transparency.

The data comes from Esri's ArcGIS Online data enrichment using the Living Atlas Census Tract point Analysis layer. The vintage of the Esri Demographics data is 2015.

#### Description

Layers

Los Angeles Education Levels

World Light Gray Canvas Base

World Light Gray Canvas Base

World Light Gray Reference

Access and Use Constraints

🖋 Edit

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Access and Use Constraints

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Created: February 29, 2016

Size: 4 KB

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Folder Smart Mapping Examples

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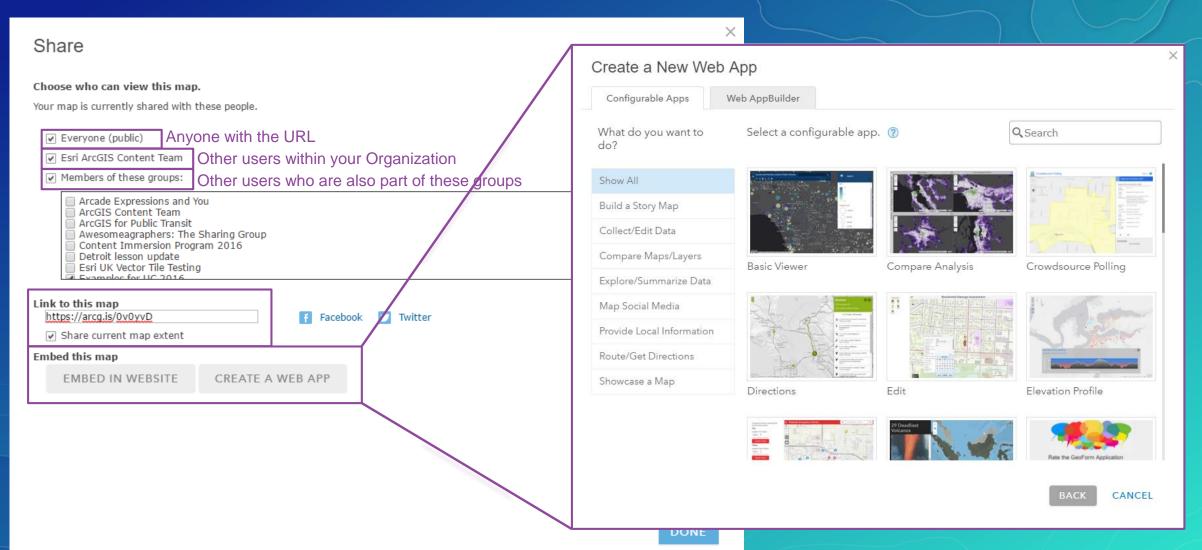
predominance, education, Los Angeles, Census Tracts, high school, Bachelors Degree, college, Graduate Degree, university, smart mapping, demographics

Credits (Attribution)

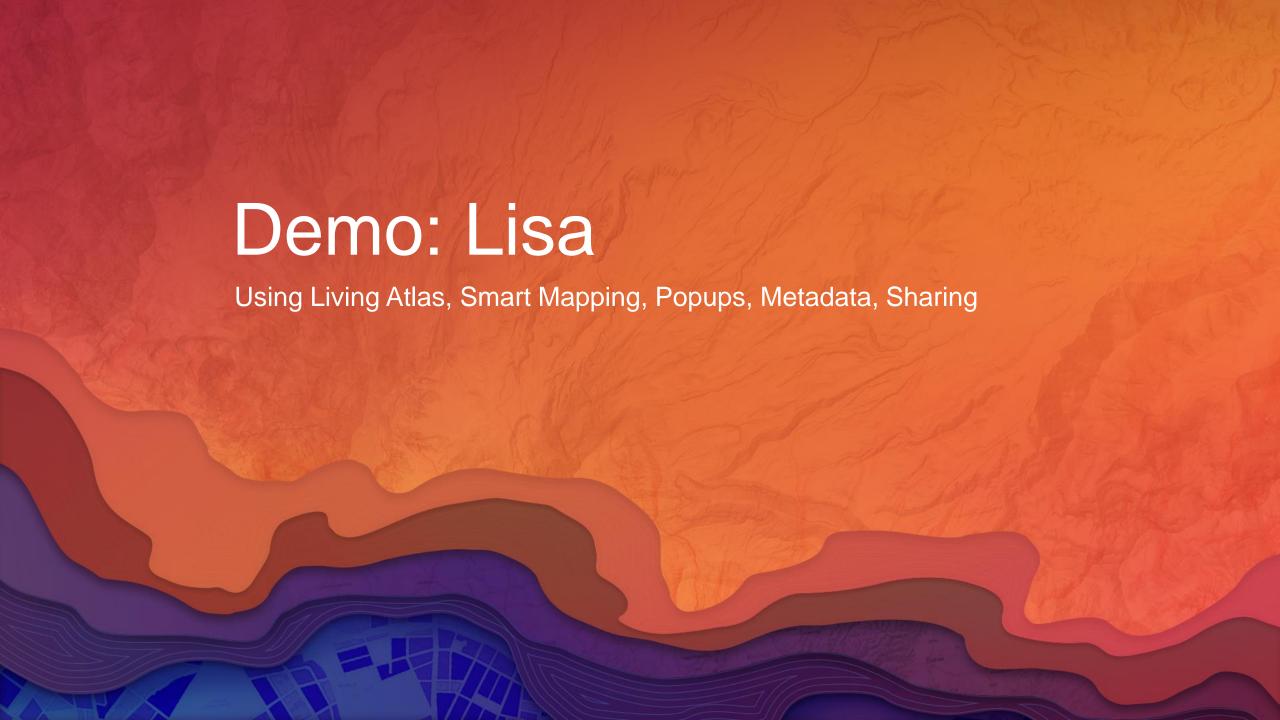
Esri, US Census Bureau

Credits

## Share Your Map With the World! (or not)







## Summary

What did we just go over?

- What is a Web Map?
- Choosing Your Basemap
- Adding Data
- Designing Your Map
- Recording Your Metadata
- Sharing Your Map

#### Related Presentations

Want to learn more?

## Six Easy Ways to Improve Your Maps

Living Atlas Demo Theater 4
Wednesday July 12, 9:30 - 10:15 am

## **Data Exploration with Smart Mapping**

Room 10

Wednesday 1:30 - 2:45 pm

