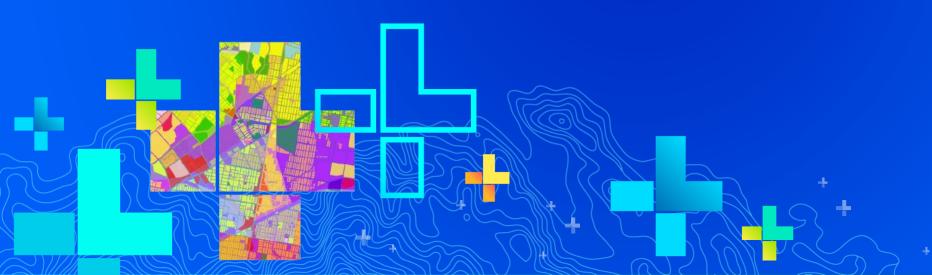


Working with Living Atlas Data - Make a Demographic Map in 5 Minutes

Lisa Berry – Cartographic Product Engineer





Many different Methods. Let's see two of them.

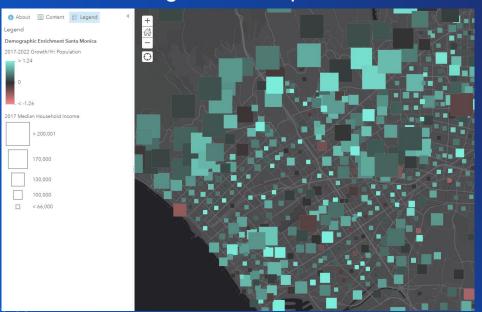
ArcGIS Online Enrichment
Use Census Data from the Living Atlas of the World

No data? No problem.

Make a demographic map in minutes! (really)

ArcGIS Online Enrichment method

- Learn the 4 easy steps
- Walk-through the 4 steps



Living Atlas method

 Make a map from American Community Survey (ACS) layers



ArcGIS Online Enrichment Method

Use enrichment to quickly learn about the population

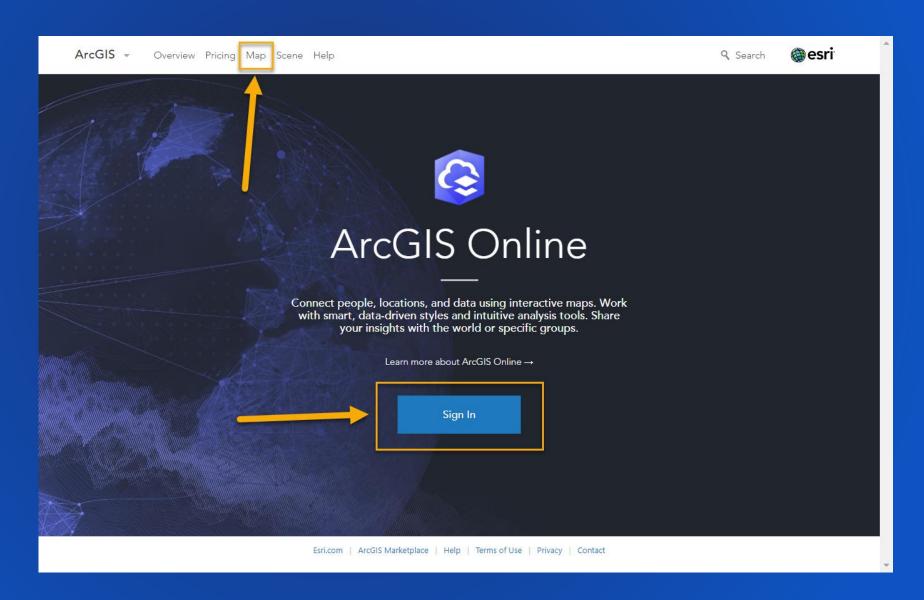
4 Easy Steps

1. Sign in to ArcGIS Online 2. Go to an area you are interested in 3. Enrich it 4. Smart map it

Step 1: Sign in to ArcGIS Online

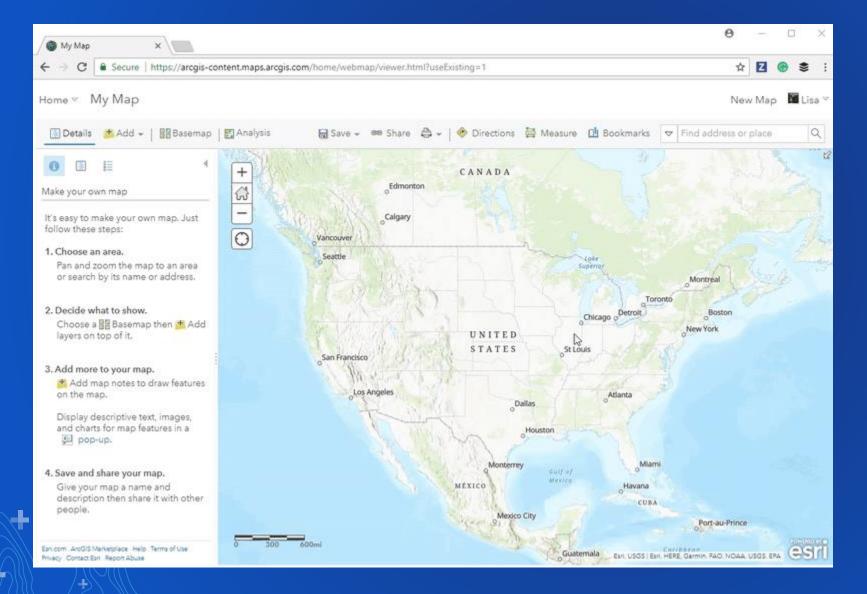
Open ArcGIS
Online and
sign in

Click on "Map" to get started





Step 2: Go to an area you are interested in



Zoom to the area you want to explore

Consider extent

Step 3: Enrich it

Two ways to start:

Start with data

Add to map

Go to "Analysis"

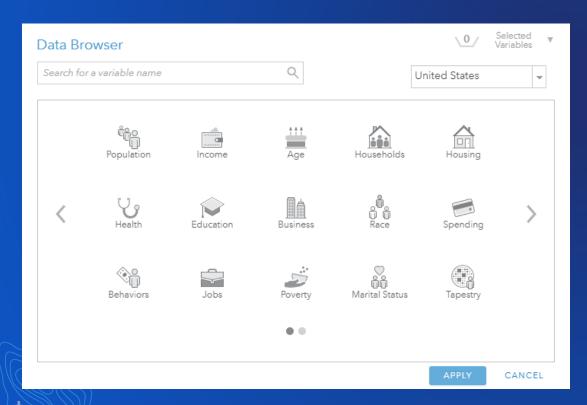
Start without data

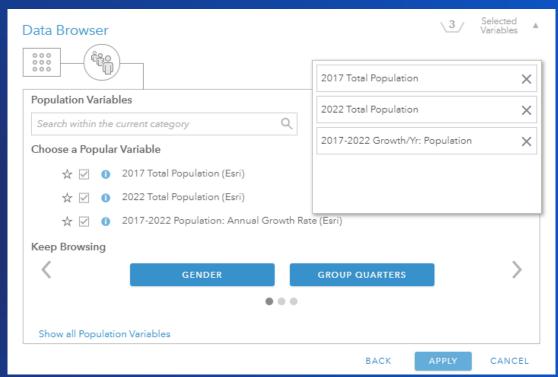
Go to "Analysis"

Select a Living Atlas Layer

Step 3: Enrich it

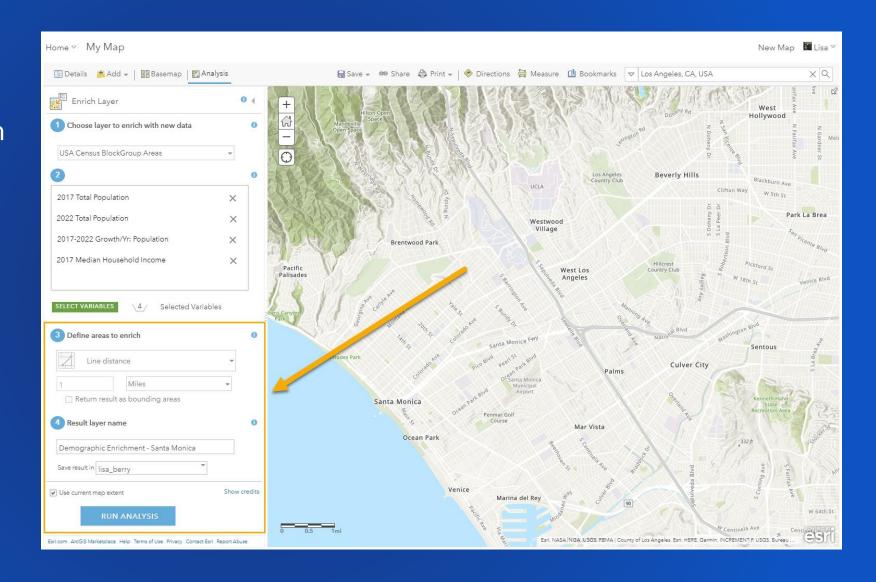
- Select Variables
 - Categorized for browsing or by "search"





Step 3: Enrich it

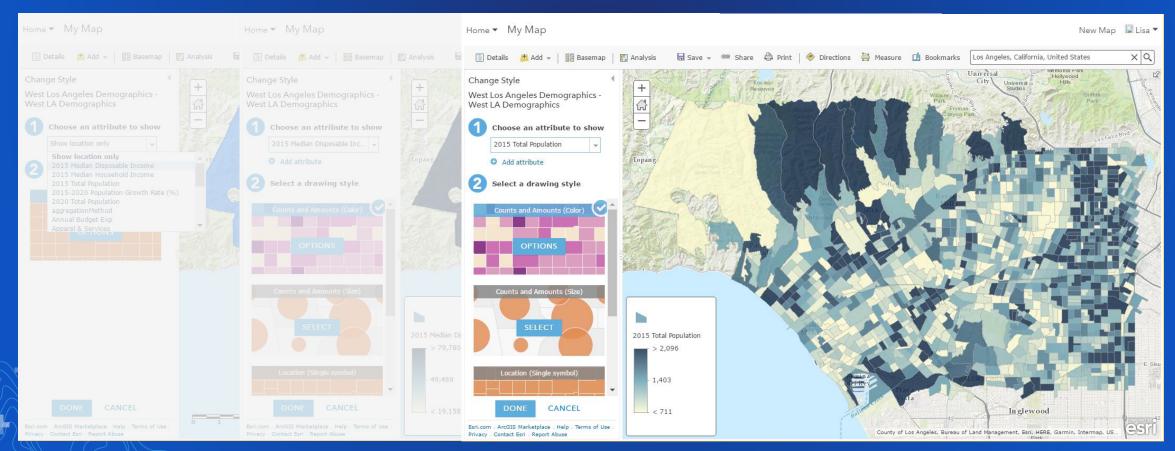
- If enriching points, define the area to enrich
- Name layer
 - Tool creates new layer to your My Content
- Define extent
 - Use current map extent or full data extent
- Check credits
- Run Analysis

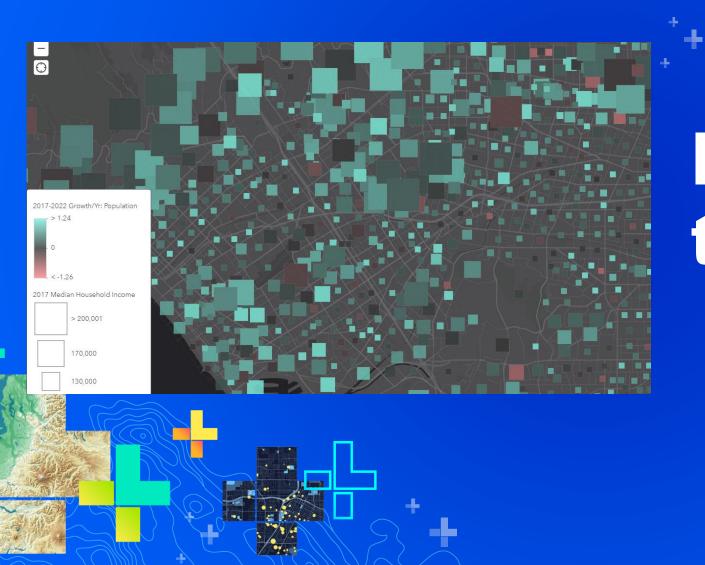


Step 4: Smart map it

Creates new layer within your My Content (added to the map automatically)

Explore the attributes and the data patterns by letting the map do the work for you





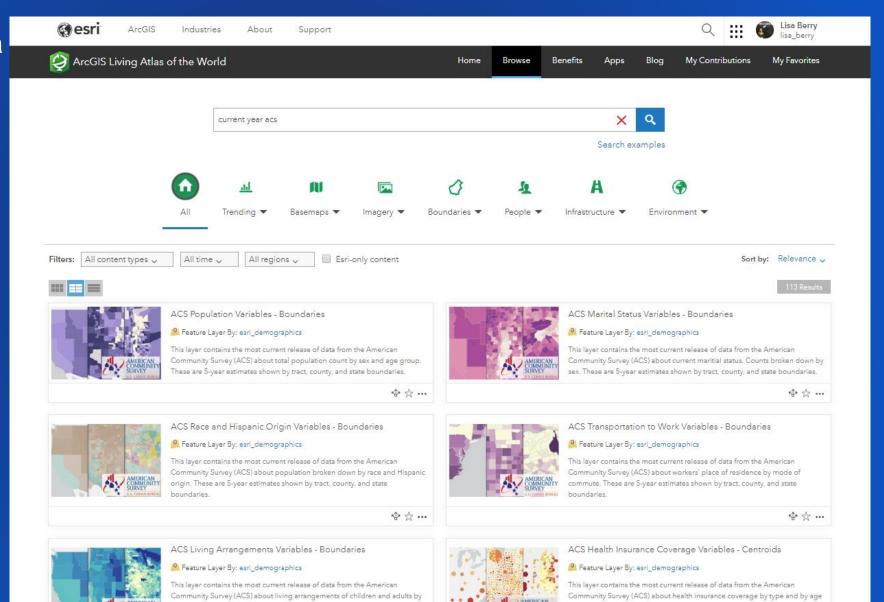
Implement the 4 Steps

Make a Demographic Map from Living Atlas data

Map with the most current American Community Survey (ACS) data

American Community Survey (ACS) in the Living Atlas

- The most current data from ACS
- No credits required
- State, County, and Census Tracts on he appropriate TIGER boundaries



Review the 4 Easy Steps



Step 1 – Find a topic of interest



ACS covers many demographic topics

Population Home Ownership

Housing

Journey to Work

Income \$
Employment

Earnings

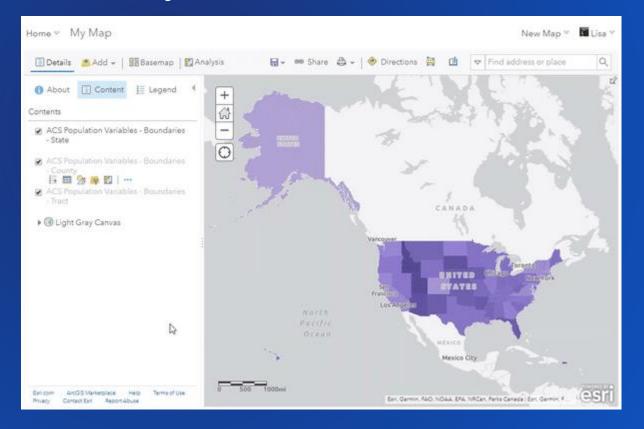
Poverty
Veterans

Computer & Internet

Step 2 – Filter to your area

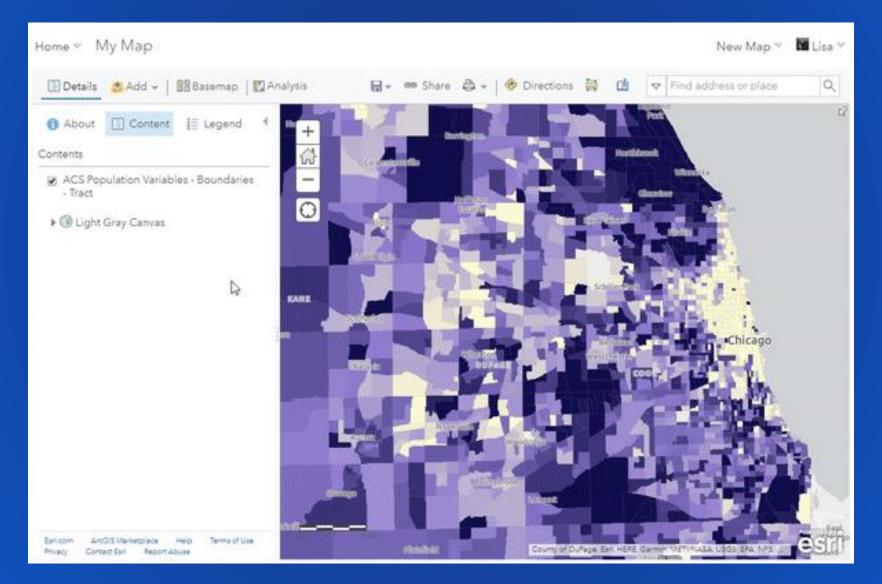
Make the map specific to your area

- Choose a geography
- Filter



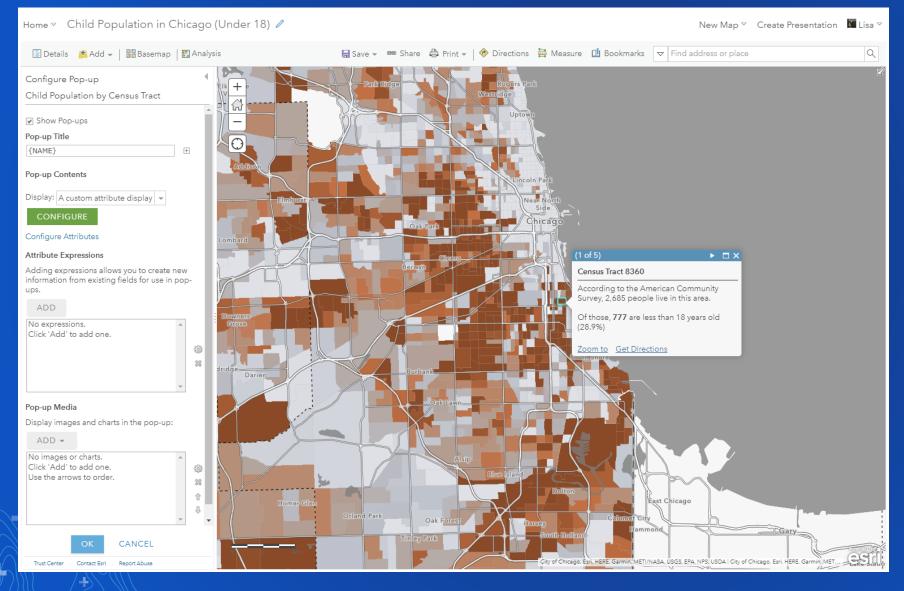
4

Step 3 – Map a new variable

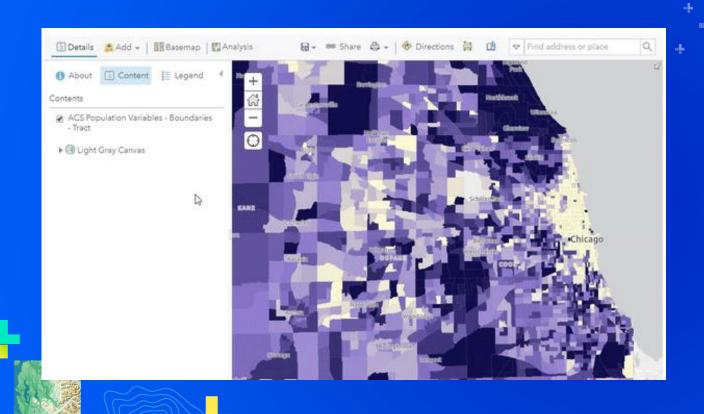


+

Step 4 – Finalize and Save



- Change the pop-up
- Choose a new basemap
- Make the map yours!



* Make a Map of Your Community in 3 Easy Steps

Tips and Resources

- Don't be afraid to try new things
 - (explore the data, find new patterns)

Enrichment method as a blog:
https://go.esri.com/5minutemap
ACS Living Atlas method as a blog:
http://esriurl.com/EasyACSMap

Workflow is similar using ArcGIS Pro
You can enrich tables within Maps for Office

