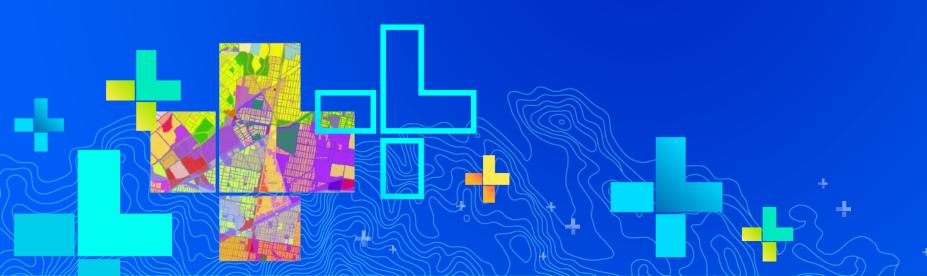


## Working with Living Atlas Data - Make a Demographic Map in 5 Minutes

Lisa Berry – Cartographic Product Engineer





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

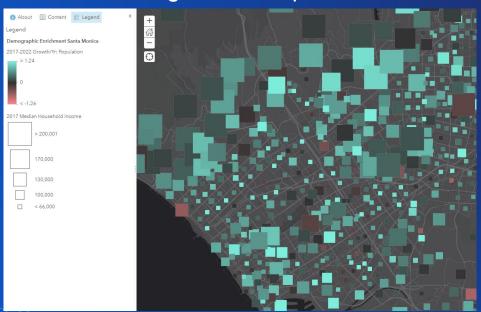
ArcGIS Online Enrichment
Use Census Data from the Living Atlas of the World

### 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

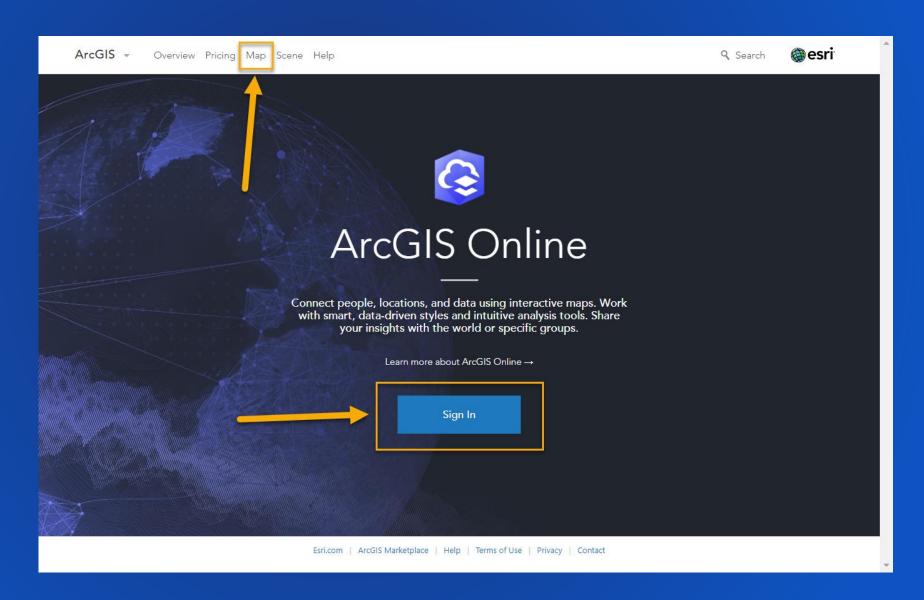
### 4 Easy Steps

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

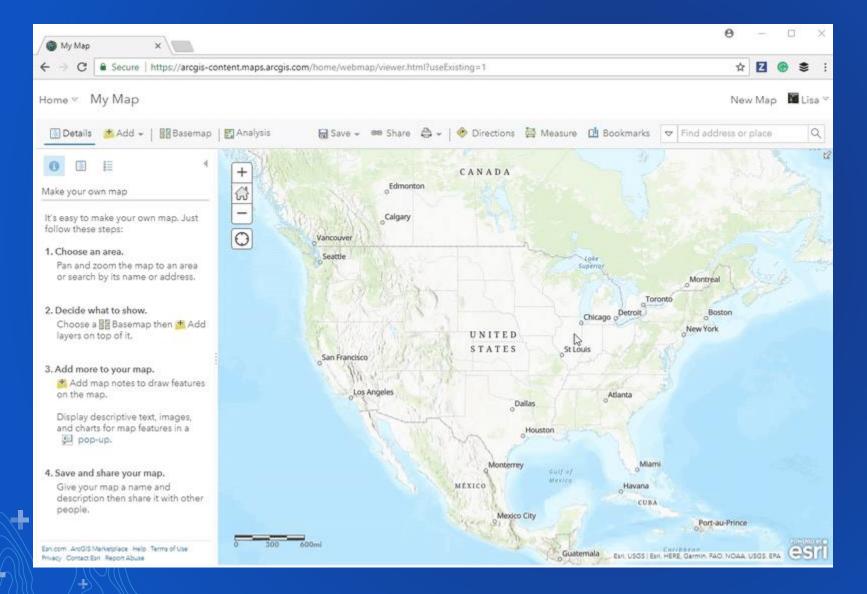
Open ArcGIS
Online and
sign in

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"

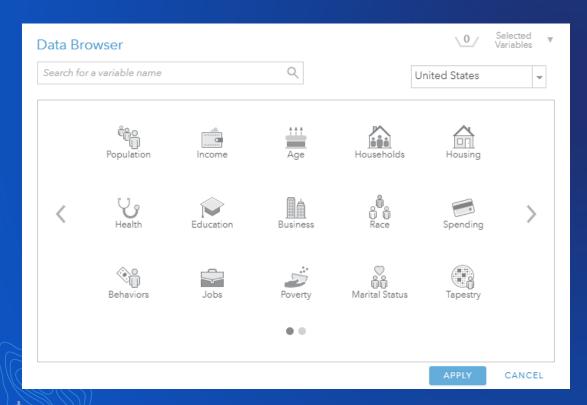
Start without data

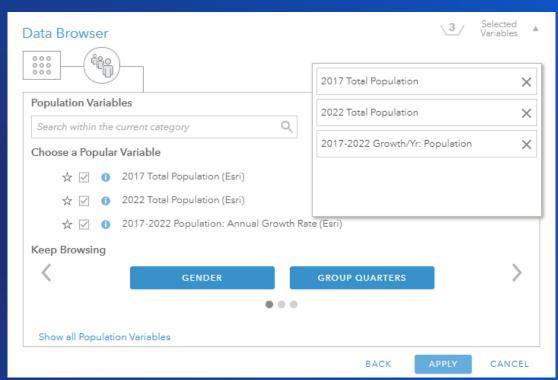
Go to "Analysis"

Select a Living Atlas Layer

### Step 3: Enrich it

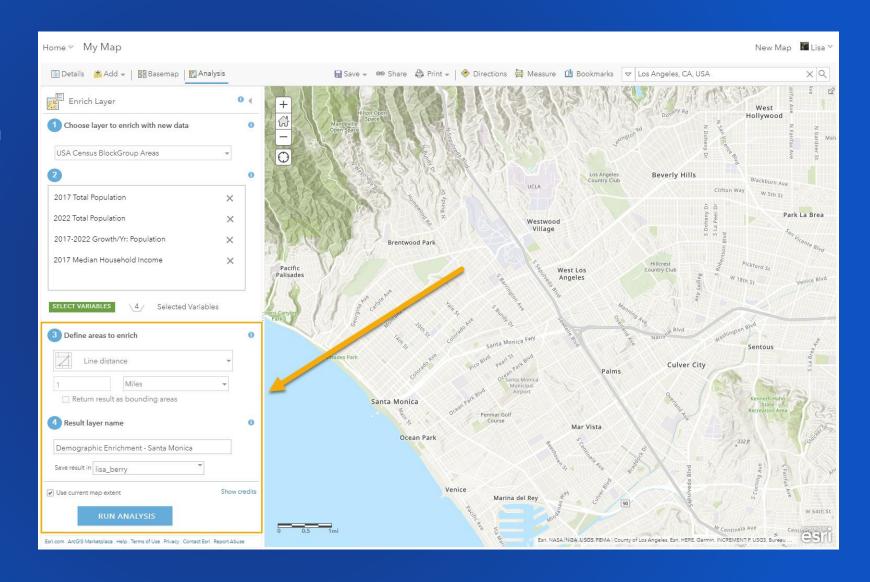
- Select Variables
  - Categorized for browsing or by "search"





### Step 3: Enrich it

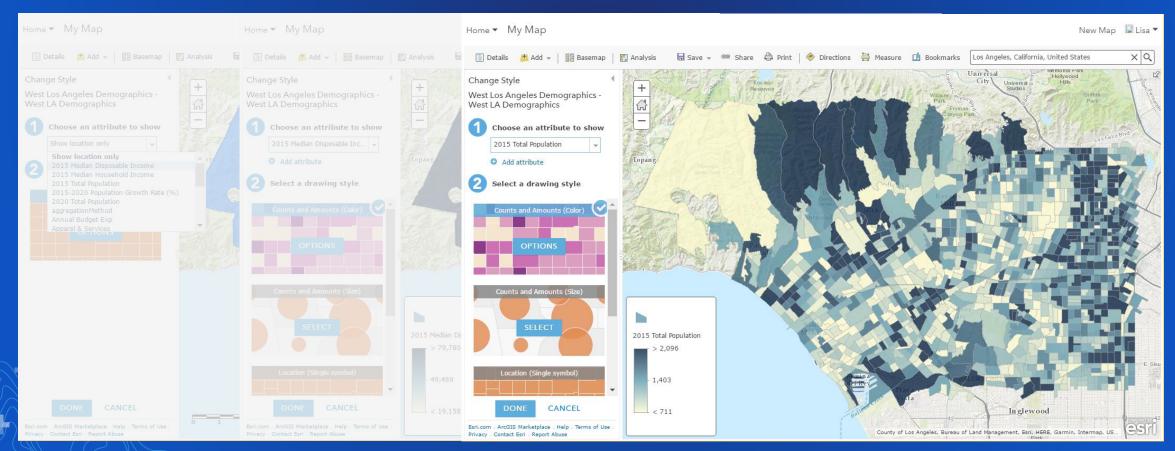
- If enriching points, define the area to enrich
- Name layer
  - Tool creates new layer to your My Content
- Define extent
  - Use current map extent or full data extent
- Check credits
- Run Analysis

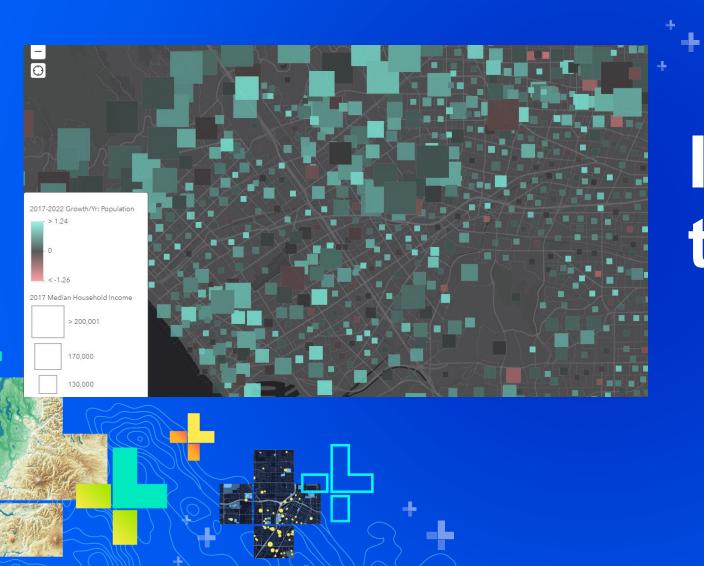


### Step 4: Smart map it

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





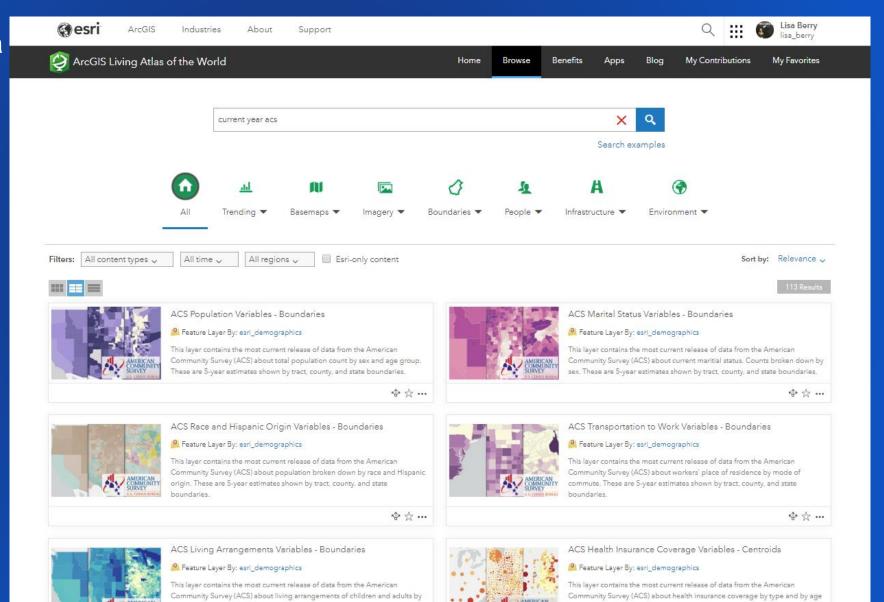
# Implement the 4 Steps

# 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

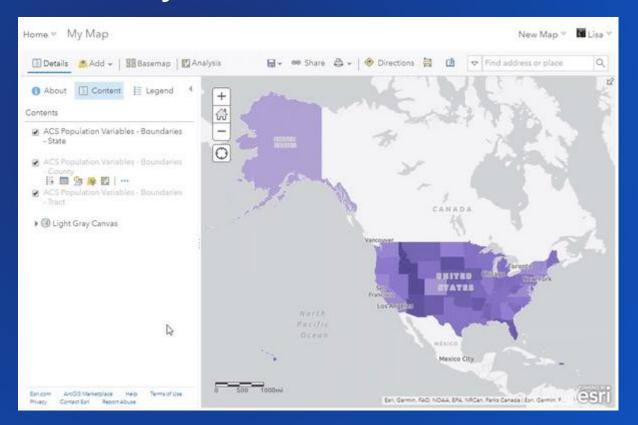
Poverty 
Veterans

Computer & Internet

### Step 2 – Filter to your area

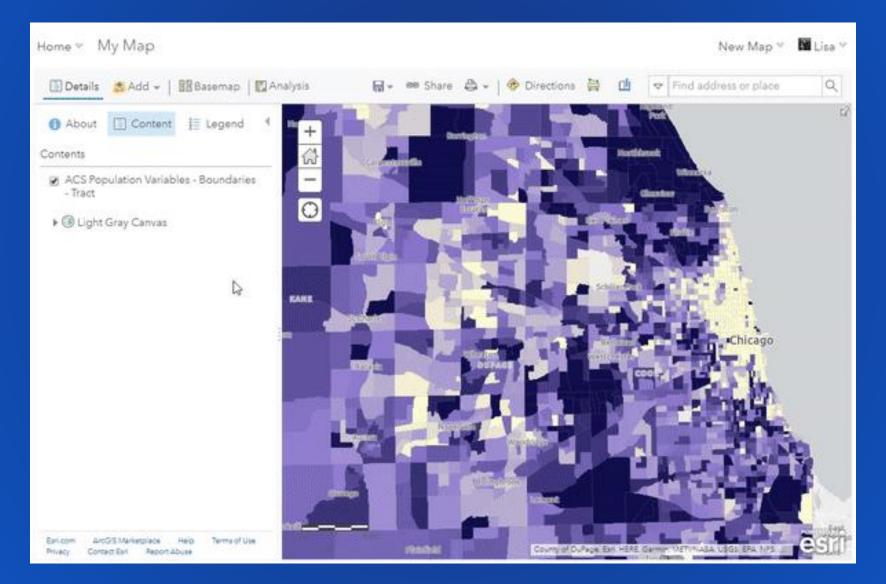
### Make the map specific to your area

- Choose a geography
- Filter



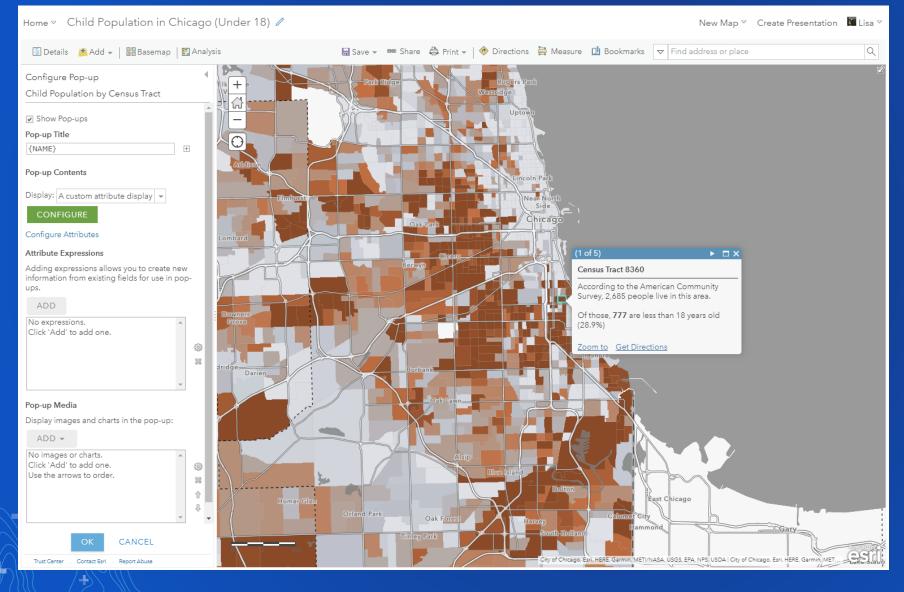
#### 4

### Step 3 – Map a new variable

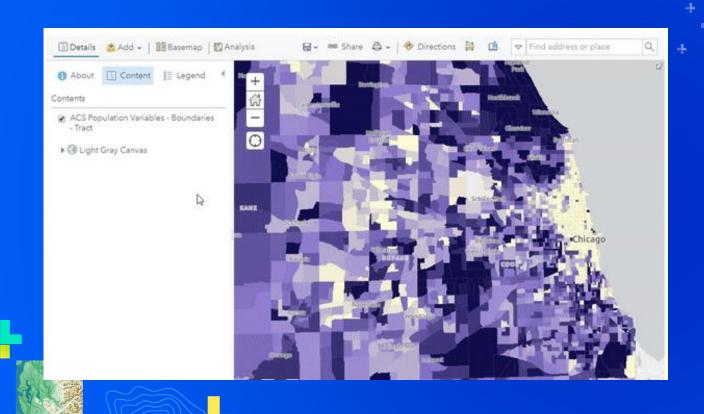


#### +

### 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:
<a href="https://go.esri.com/5minutemap">https://go.esri.com/5minutemap</a>
ACS Living Atlas method as a blog:
<a href="http://esriurl.com/EasyACSMap">http://esriurl.com/EasyACSMap</a>

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

