

# Option 1

## Using Area Median Income

### Option 1: Using Area Median Income

This document describes how to use **Option 1, Area Median Income** to determine a project's required local match. The area median household incomes and populations of census tracts will be obtained from the US Census Bureau Website using the 2021 American Community Survey 5 -year Estimates.

Before you can determine your project's required local match you first need to identify the ½ mile buffer around your project. If you have not done so yet, you can find information on how to do this on the [CCLGP website](#) in the document called "START HERE: Determine the Half Mile Limits Around Your Project." The document contains suggestions for how to use Google Maps to identify the limits around your project. Once you have determined the limits proceed with the directions below.

#### 1. Finding Local Match

- Example project site: *Bandini Canyon Park, San Pedro.*
- Go to: [Explore Census Data](#)
- Type "B19013" in the search bar.
- Select the first drop box down option, "B19013," shown highlighted below.



2. Locate the dropdown list shown here and click on the arrow to open the list.

United States<sup>®</sup> Census Bureau

B19013: MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)

Advanced Search

All Tables Maps Pages

1 Result

View: 10 | 25 | 50

Download Table Data

American Community Survey

**B19013 | MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)**

2021: ACS 1-Year Estimates Detailed Tables

Universe: Households

Notes Geos Years Topics Surveys Codes 123 Hide Transpose Margin of Error Restore Excel CSV ZIP Share Print Map

United States		
Label	Estimate	Margin of Error
Median household income in the past 12 months (in 2021 inflation-adjusted dollars)	69,717	±134

3. Select the **2021: ACS 5-Year Estimates Detailed Tables**

United States<sup>®</sup> Census Bureau

B19013: MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)

Advanced Search

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1 Result

View: 10 | 25 | 50

Download Table Data

American Community Survey

**B19013 | MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)**

2021: ACS 1-Year Estimates Detailed Tables

2021: ACS 5-Year Estimates Detailed Tables

2020: ACS 5-Year Estimates Detailed Tables

2019: ACS 1-Year Estimates Detailed Tables

2019: ACS 5-Year Estimates Detailed Tables

2018: ACS 1-Year Estimates Detailed Tables

2018: ACS 5-Year Estimates Detailed Tables

2017: ACS 1-Year Estimates Detailed Tables

2017: ACS 5-Year Estimates Detailed Tables

United States		
Label	Estimate	Margin of Error
Median household income in the past 12 months (in 2021 inflation-adjusted dollars)	69,717	±134

4. Select the "Maps" tab from the ribbon.

United States<sup>®</sup> Census Bureau

B19013: MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)

Advanced Search

All Tables **Maps** Pages

1 Result

View: 10 | 25 | 50

Download Table Data

American Community Survey

**Median household income in the past 12 months (in 2021 inflation-adjusted dollars)—Estimate in 2021**

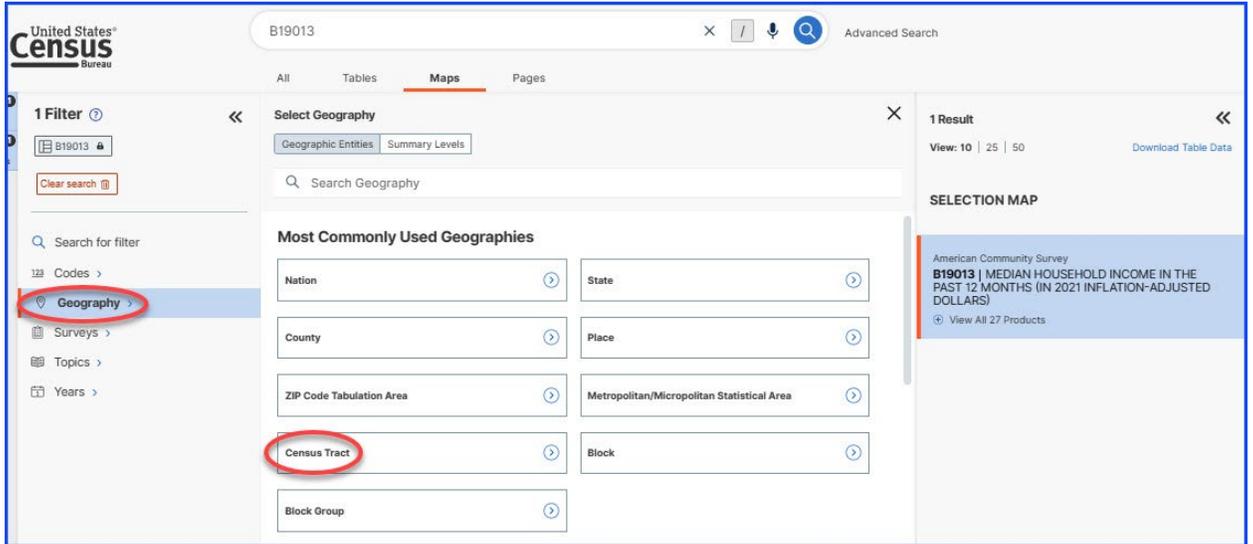
2021: ACS 5-Year Estimates Detailed Tables

SELECTION MAP

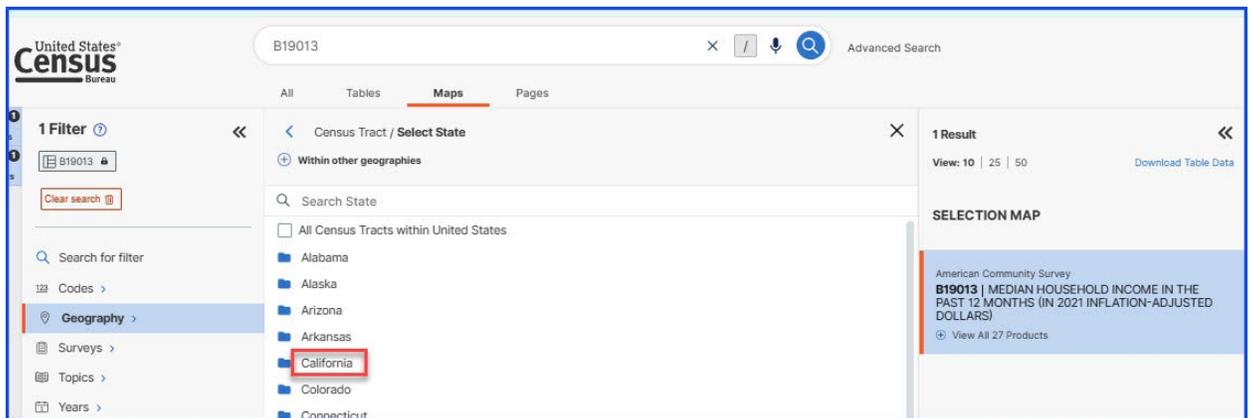
Variable(s) Select Clear Geos Layer Year Dataset Basemap Boundaries Colors Identify Table Notes Share

United States		
Label	Estimate	Margin of Error
Median household income in the past 12 months (in 2021 inflation-adjusted dollars)	69,717	±134

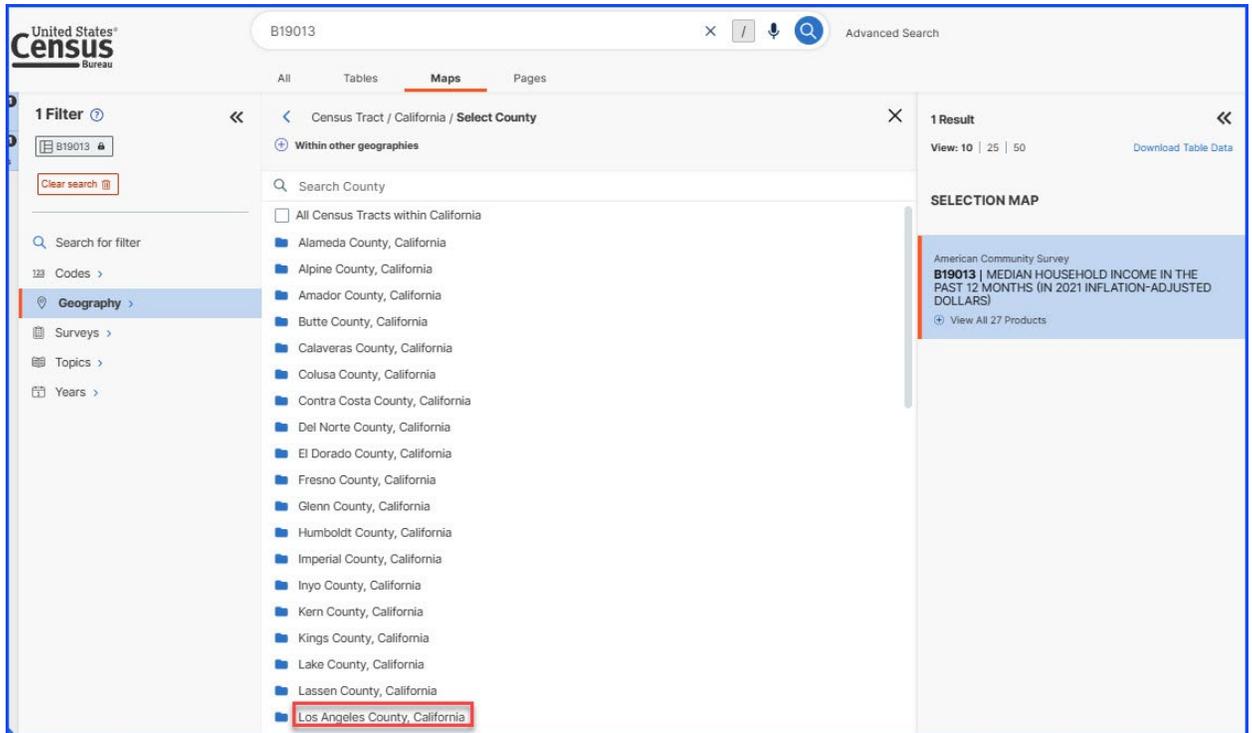
5. Click on "Geography,"
  - Select "Census Tract," and pause while it loads.



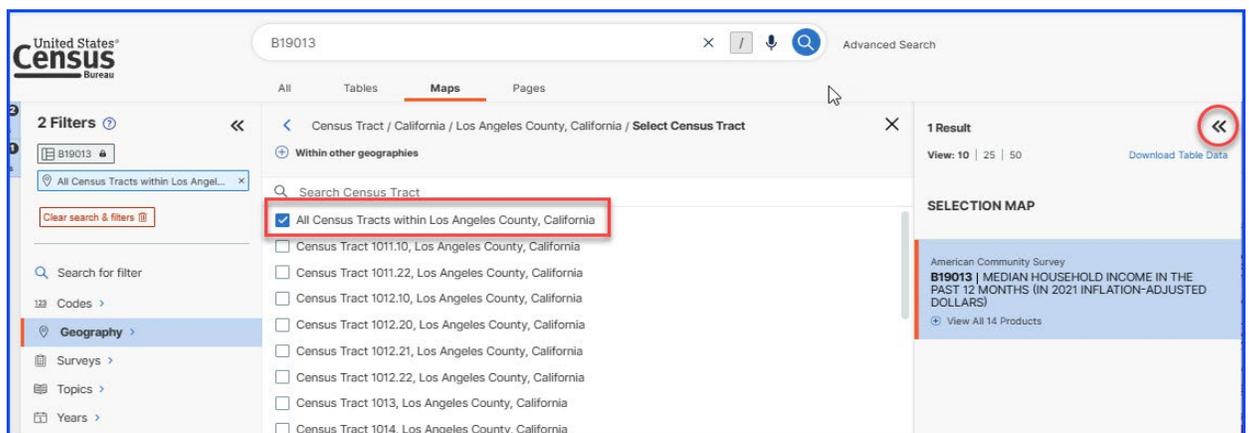
6. Select "California," pause while it loads.



7. Scroll down and select the **county in which your project is located**. This example uses *Los Angeles County*. (Although it is an option to pick “All Census Tracts within California,” it is not recommended as it will likely bog down your computer.)

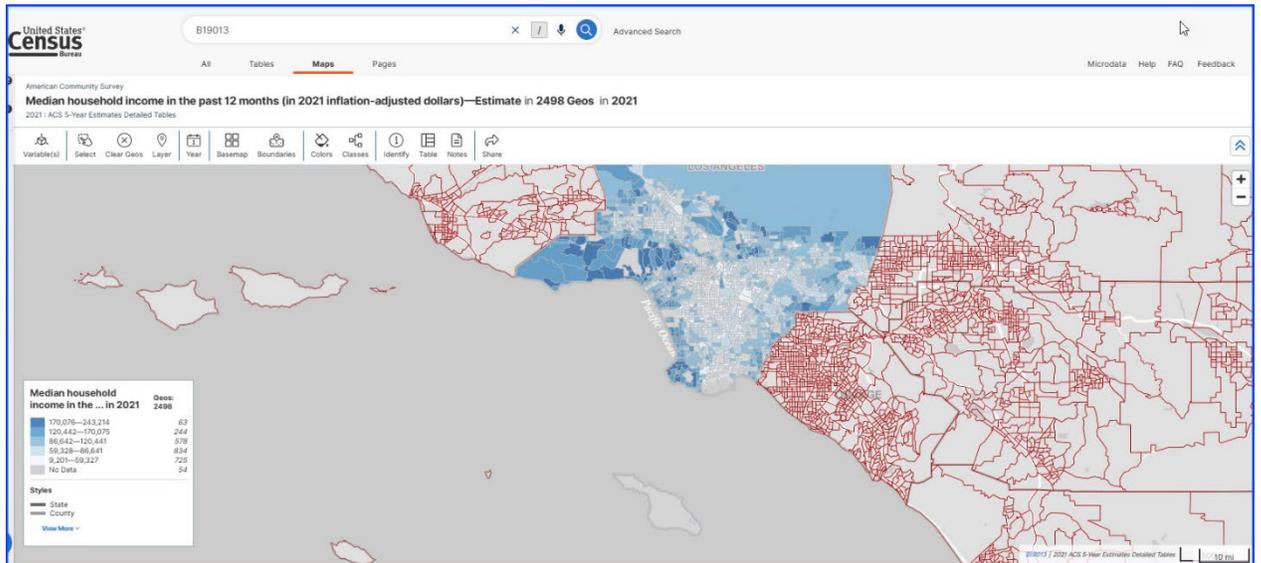


8. Select “All Census Tracts within *Los Angeles County, California*”. Pause for loading.
- Click on the two arrows in the upper right corner of the page, “<<”, highlighted below.

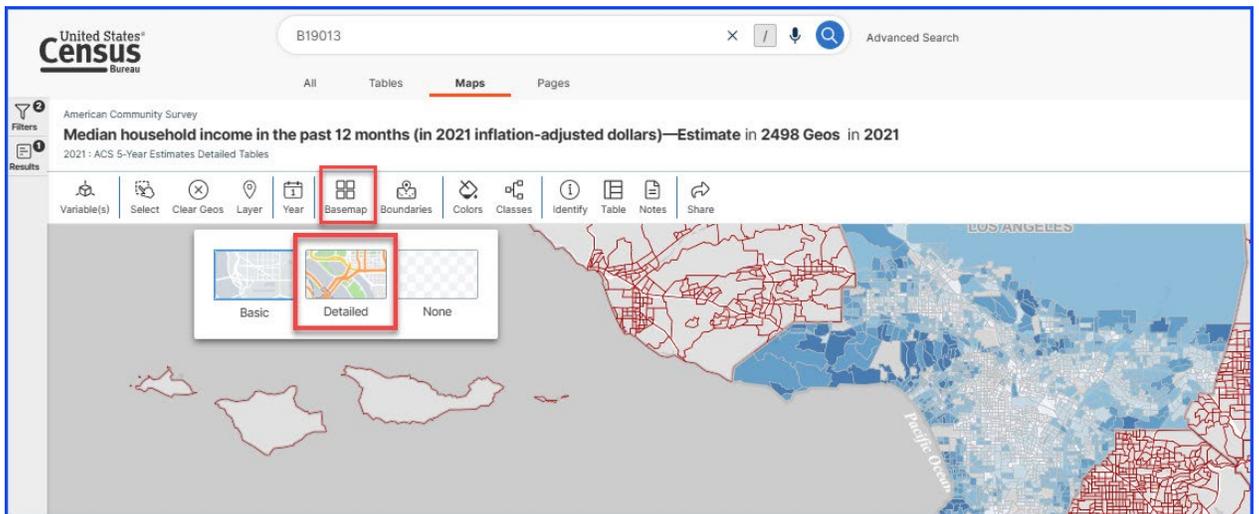


9. Now you can zoom in and find your project census tracts.

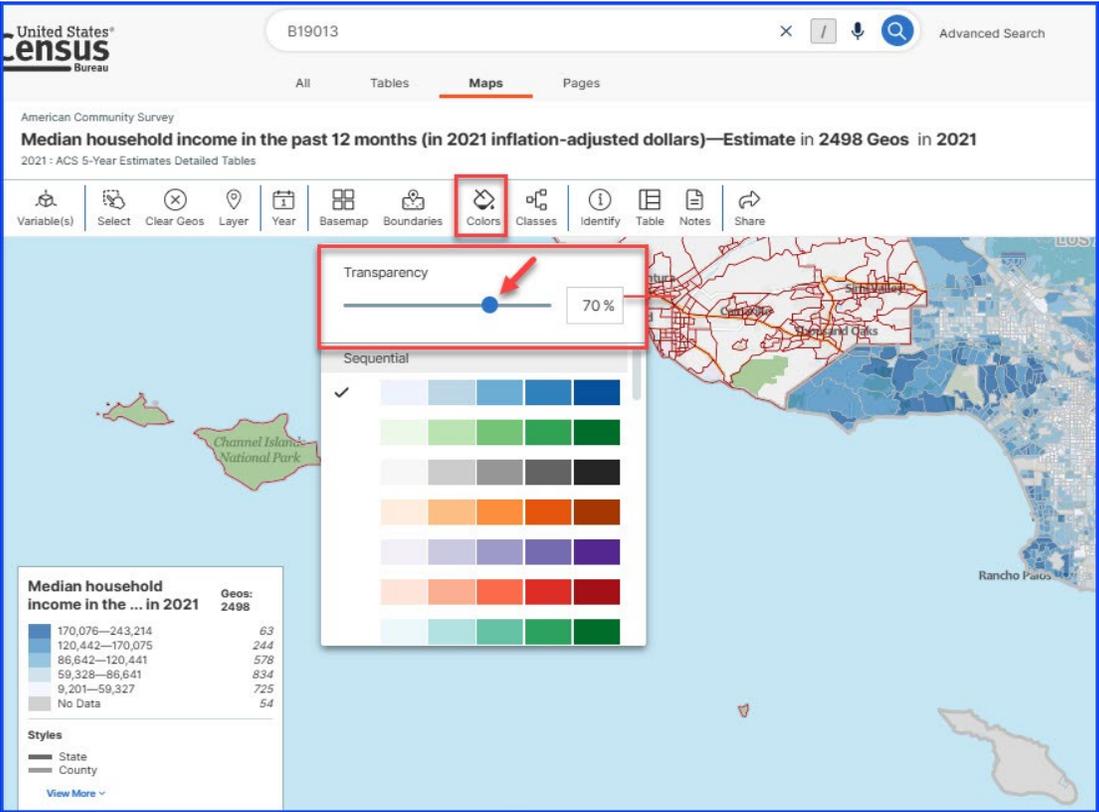
- **See the two tips below for making this easier.**



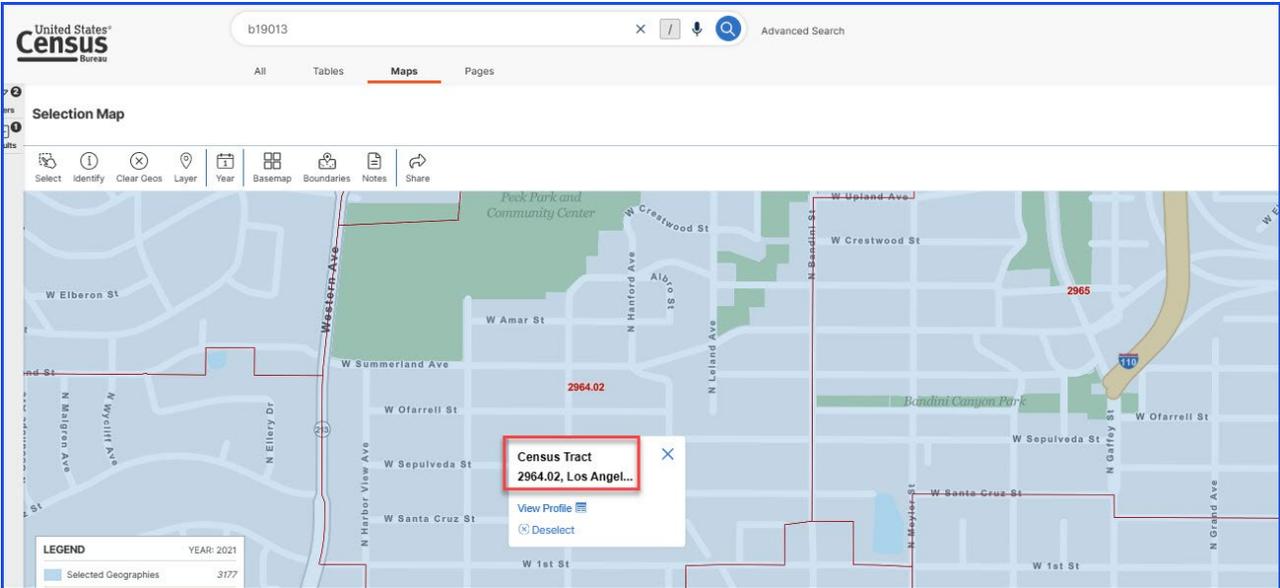
- **TIP 1.** To make road and highways more visible, click on “Basemap” on the toolbar and chose “Detailed.”



- **TIP 2.** Increase the transparency to see the roads better. Click on the “Colors” button on the toolbar, then slide the Transparency button.



10. Now find the census tracts determined in Step 1 to be relevant to your project.

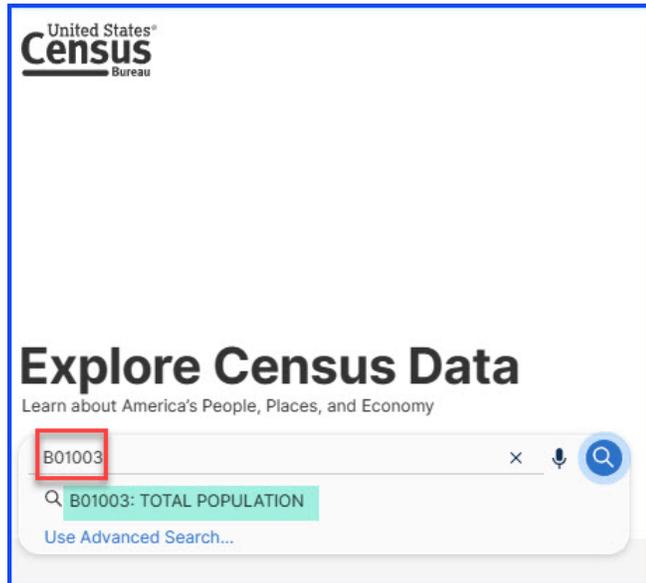


11. Start to fill in Table 1. Be sure to fill in which option you are using.

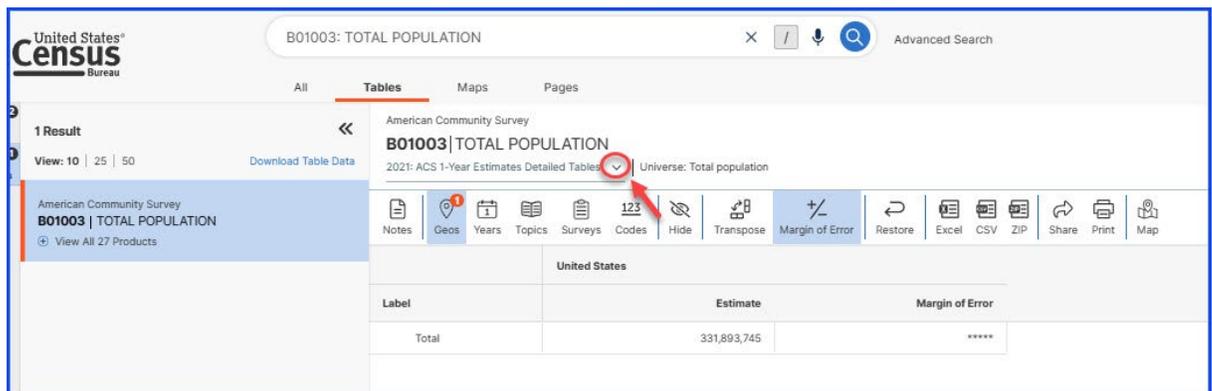
<b>Table 1. SOD of Community Surrounding the Project Site(s)</b>				
List the Option Used to Determine SOD: 				Option 1: Area Median Income
(For information on the 4 options, see the program guidelines section "Underserved Communities".)				
Location Relative to Project Site(s) (1)	Census Tract Number* (2)	Census Tract Population (3)	Metric Score of Census Tract (using the chosen option listed above) (4)	SOD of Tract (3) x (4) (5)
<b>Project Site A</b>				
Within a ½ mile radius of the perimeter of the project site.	2962.10		48,085.00	-
Within a ½ mile radius of the perimeter of the project site.	2963.00		86,576.00	-
Within a ½ mile radius of the perimeter of the project site.	2964.02		137,379.00	-
Within a ½ mile radius of the perimeter of the project site.	2966.00		43,621.00	-
<b>Project Site B</b>				0
Within a ½ mile radius of the perimeter of the project site.				0
Within a ½ mile radius of the perimeter of the project site.				0
Within a ½ mile radius of the perimeter of the project site.				0
<b>TOTALS</b>		-		-
SOD of Community Surrounding the Project = $\frac{\text{Total of Column 5}}{\text{Total of Column 3}}$				
Notes: *Communities with a population of less than 15,000 may use data at the Census Block Group level. Unincorporated communities may use data at the Census Place level.				

12. Now that you have Median Income you need to get the **population** of each tract. To do this you will start the process again, searching for a different report.

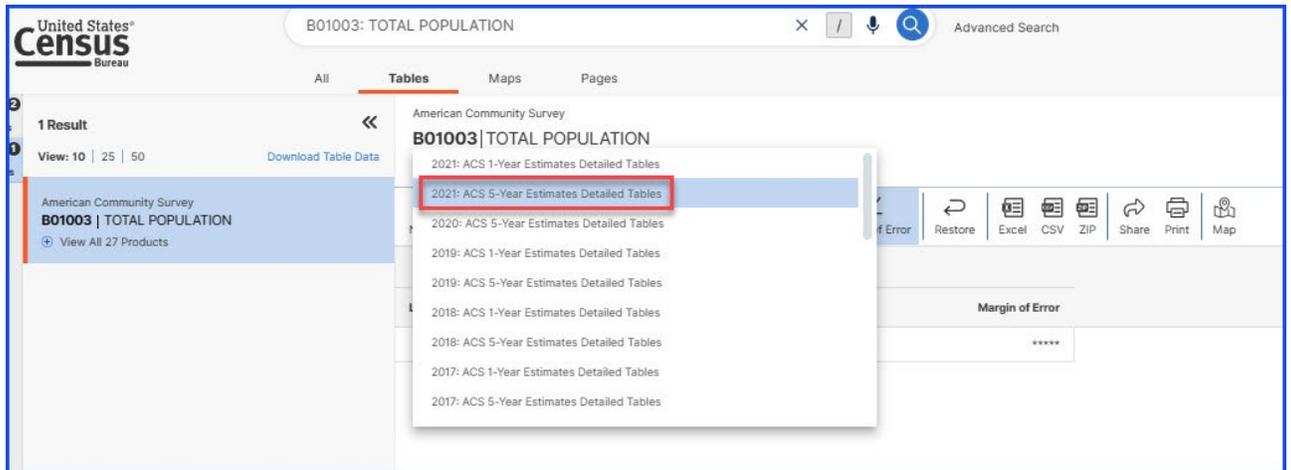
- Return to the starting point at: [Explore Census Data](#)
- Type “**B01003**” in the search bar.



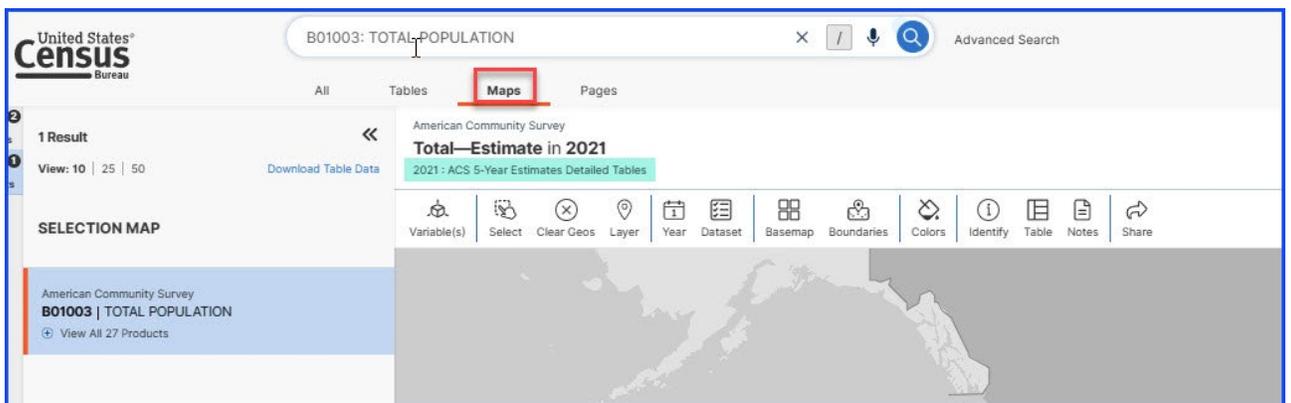
13. Locate the dropdown list shown here and click on the arrow to open the list.



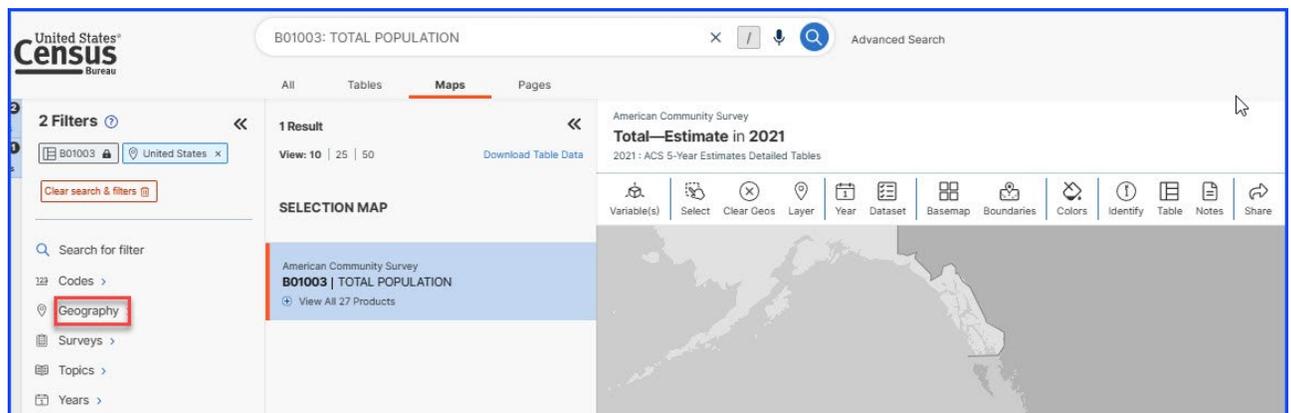
14. Select the 2021: **ACS 5-Year Estimates Detailed Tables**



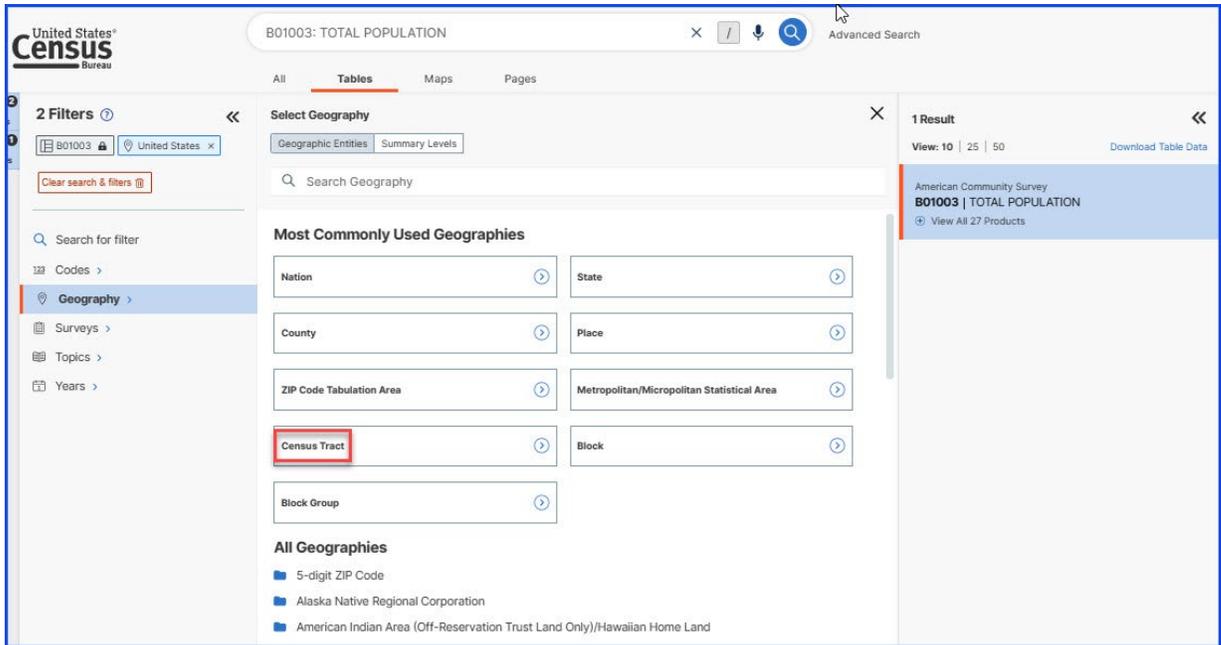
15. Select the "MAPS" tab from the ribbon



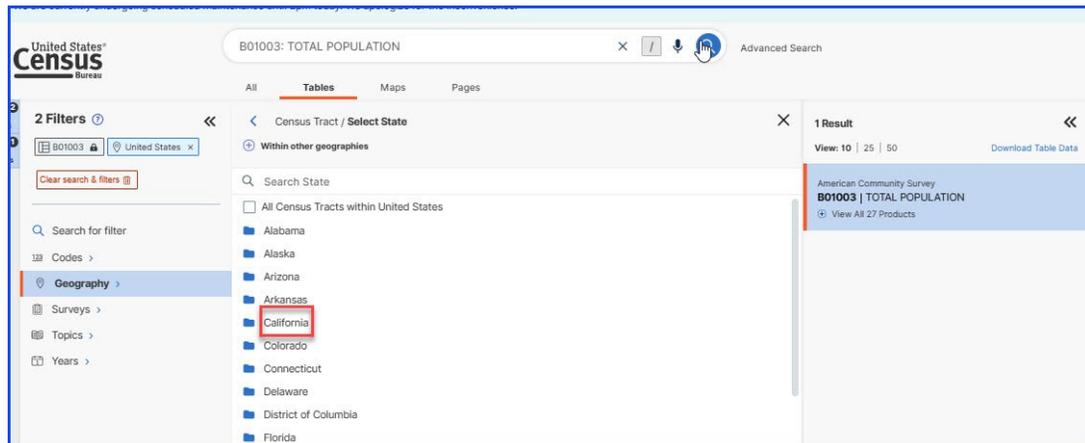
16. Select the "Geography" filter on the left.



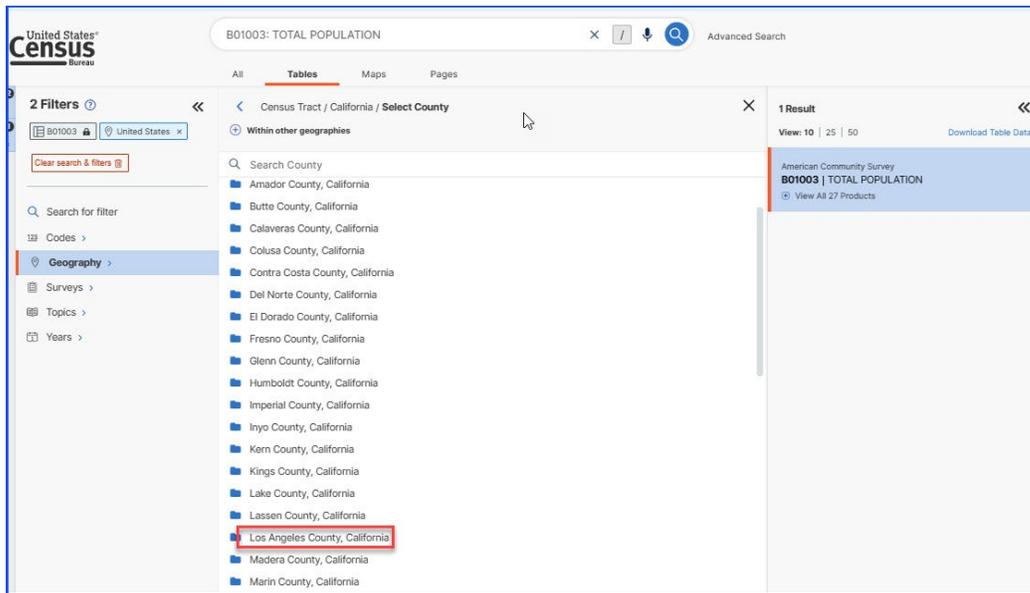
17. Repeat the process you did early to show all the census tracts in a county.  
First select "Census Tract".



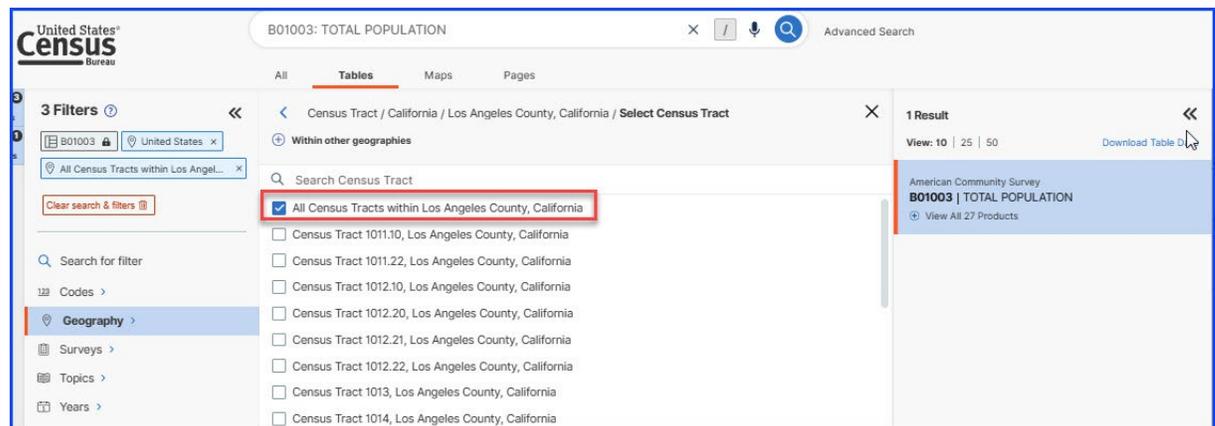
18. Select "California".



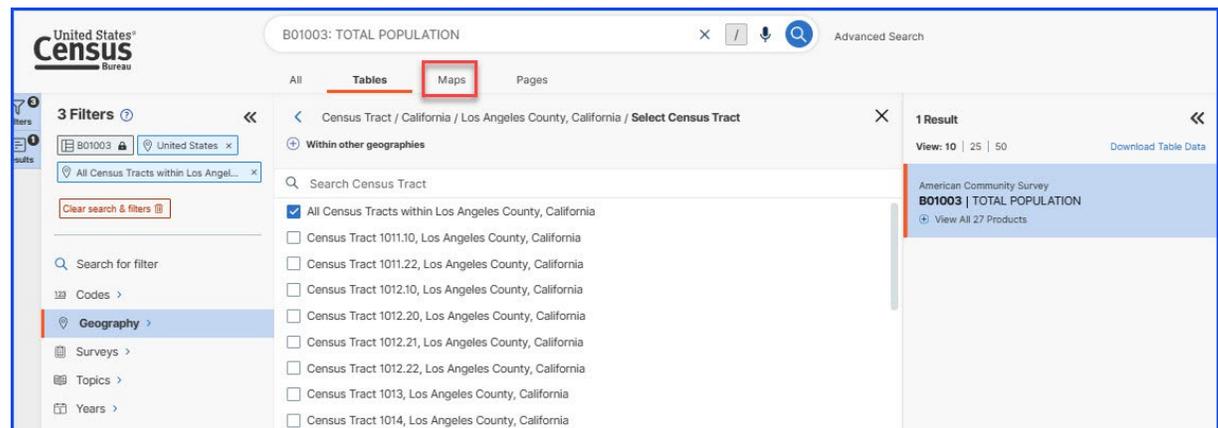
19. Select the County you want, this example again uses "Los Angeles County."



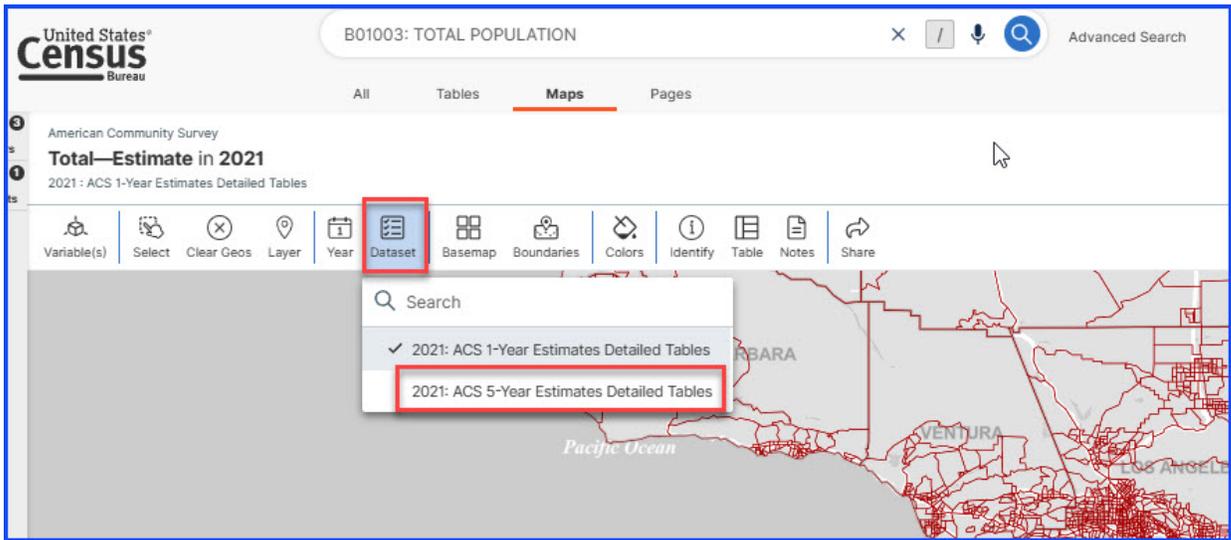
20. Select, "All census tracts within Los Angeles County, California."



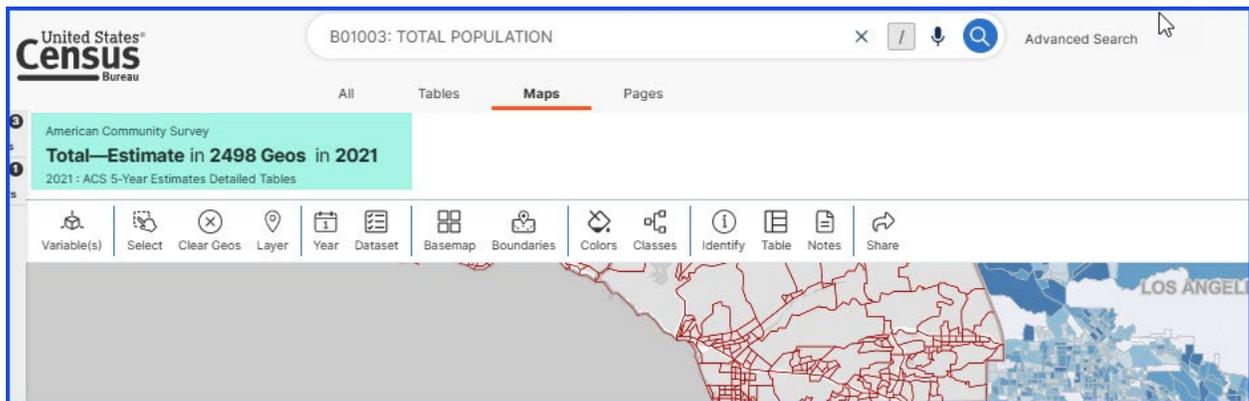
21. Click on "Maps" at the top of the ribbon.



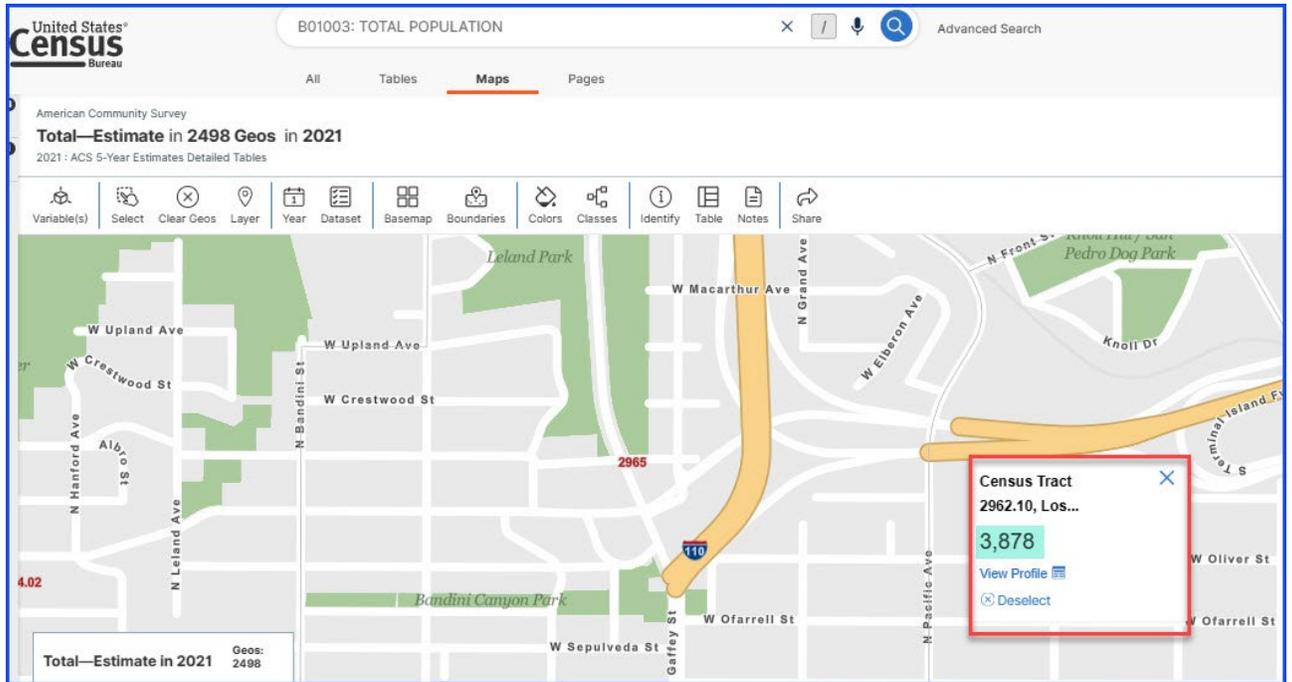
22. Click on the "Dataset" button and choose 2021: ACS 5-Year Estimates Detailed Tables.



23. After choosing the 2021: 5-Year Estimates Detailed Tables, you should see a map with this heading.



24. Your map should now show the *population* of each Census Tract based on the **2021: ACS 5-year Estimate**. You can use the “Basemaps” tab to show the roads, and the “Colors” tab to change the transparency and zoom in to find your census tracts.



25. Add the population data to Table 1 as shown below. The population data, and the table will compute the SOD of the Community Surrounding the Project.

<b>Table 1. SOD of Community Surrounding the Project Site(s)</b>				
List the Option Used to Determine SOD: 				Option 1: Area Median Income
(For information on the 4 options, see the program guidelines section "Underserved Communities".)				
Location Relative to Project Site(s) (1)	Census Tract Number* (2)	Census Tract Population (3)	Metric Score of Census Tract (using the chosen option listed above) (4)	SOD of Tract (3) x (4) (5)
<b>Project Site A</b>				0
Within a ½ mile radius of the perimeter of the project site.	2962.10	3,878.00	48,085.00	186,473,630.00
Within a ½ mile radius of the perimeter of the project site.	2963.00	4,563.00	86,576.00	395,046,288.00
Within a ½ mile radius of the perimeter of the project site.	2964.02	3,147.00	137,379.00	432,331,713.00
Within a ½ mile radius of the perimeter of the project site.	2966.00	5,264.00	43,621.00	229,620,944.00
<b>Project Site B</b>				0
Within a ½ mile radius of the perimeter of the project site.				0
Within a ½ mile radius of the perimeter of the project site.				0
Within a ½ mile radius of the perimeter of the project site.				0
<b>TOTALS</b>		16,852.00		1,243,472,575.00
SOD of Community Surrounding the Project = Total of Column 5 Total of Column 3				73,787.83

Notes: \*Communities with a population of less than 15,000 may use data at the Census Block Group level. Unincorporated communities may use data at the Census Place level.

- The value in Column 5 is calculated as 73,787.83, which is rounded up to 73,788 (for decimal places .4 or less round down and for decimal places of .5 or greater round up.)

26. Use the SOD calculated in Table 1 to determine the Required Local Match percent using Table 2.

Table 2. Severity of Disadvantage and Corresponding Local Match Requirement			
SOD Criteria	Ranges for SOD of Community Surrounding the Project	Required Local Match %	
<b>Option 1: Area Median Income (AMI) compared to Statewide Median Income (SMI)*</b>			
Data: <a href="#">Census Tract Level Data from the 2017-2021 American Community Survey 5-year (ACS5) Estimates</a>			
If the AMI SOD of the surrounding community is...	> \$67,278	Then local match is...	50
	\$63,518 to \$67,278		37.5
	\$59,757 to \$63,517		25
	\$55,996 to \$59,756		12.5
	< \$55,996		0
<b>Option 2: CalEnviroScreen 4.0 Score (not percentile)</b>			
Data: <a href="#">CalEnviroScreen 4.0 Results</a>			
If the CalEnviroScreen 4.0 SOD of the surrounding community is...	< 40	Then local match is...	50
	40 to 43		37.5
	44 to 47		25
	48 to 51		12.5
	> 51		0
<b>Option 3: Percentage of Students that Receive Free or Reduced Lunches</b>			
Data: <a href="#">California Department of Education website</a>			
If the Free/Reduced Lunch SOD	< 75	Then local match is...	50
	75 to 79		37.5
	80 to 84		25
	85 to 90		12.5
	> 90		0
<b>Option 4: Healthy Places Index (HPI) Score (use overall HPI score only)</b>			
Data: <a href="#">California Healthy Places Index website</a>			
If the HPI SOD of the surrounding community is...	> 25	Then local match is...	50
	21 to 25		37.5
	16 to 20		25
	10 to 15		12.5
	< 10		0
<b>Option 5: Tribal Communities</b>			
Data: <a href="#">List of Federally Recognized Tribal Governments in California</a>			
If the project applicant or sub-applicant is a Federally Recognized Tribal Government and the project area is located within or partially within Federally Recognized Tribal Lands, lands owned by or held in trust for an Indian tribe, allotted lands, and/or sensitive tribal areas.		Then the local match is...	0
*Communities with a population less than 15,000 may use data at the Census Block Group level. Unincorporated communities may use data at the Census Place level.			
<b>Enter your Required Local Match here:</b>			50

You have computed the required local match using **Option 1, Area Median Income**.

Note, some options may result in a smaller required local match. Applicants may choose to use the option that best represents their community. For more information, please see the section "Underserved Communities" of the Guidelines on the [CCLGP website](#).