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 ¹/₂ mile buffer around your project. If you have not done so yet, you can find information on how to do this on the <u>CCLGP website</u> 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.

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All T 1 Result View: 10 25 50 Download Table Data	ables Maps Pages American Community Survey B19013 MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS) 2021: ACS 1-Year Estimates Detailed Tables Olymory Universe: Households
American Community Survey B19013 MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS)	Image: Second
(e) View All 27 Products	Label Estimate Margin of Error Median household income in the past 12 months (in 2021 inflation-adjusted dollars) 6.06,07,07 1.334

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

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

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

Census		B19013		× 🕧 🎙 🥝	Advanced Se	arch
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1 Filter ③	«	Select Geography Geographic Entities Summary Levels Q. Search Geography	1 Result View: 10 25 50 Download Table Da			
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Ceography Surveys Surveys Topics		County	٢	Place	\odot	DOLLARS) View All 27 Products
TYears >		ZIP Code Tabulation Area	0	Metropolitan/Micropolitan Statistical Area	\odot	
		Census Tract	٥	Block	\odot	
		Block Group	۲			

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

Census	B19013 × / & Q Advanced St	earch
Bureau	All Tables Maps Pages	
1 Filter ⑦	 Census Tract / Select State Within other geographies 	1 Result Comparison View: 10 25 50 Download Table Data
Clear search (j)	Q Search State	SELECTION MAP
Q Search for filter	 Alabama Alaska 	American Community Survey B19013 MEDIAN HOUSEHOLD INCOME IN THE DAST 12 MONTHS (IN 2021 INEL ATION-AD ILISTED
Geography >	 Arizona Arkansas 	DOLLARS) View All 27 Products
Topics >	California	
🛱 Years >	Connecticut	

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.)

United States	B19013	× [] 🎙 🔇	Advanced Sea	irch	
Bureau	All Tables Maps Pages				
1 Filter ⑦	Census Tract / California / Select County		×	1 Result View: 10 25 50	Cownload Table Data
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	All Census Tracts within California		1	SELECTION MAP	
Q Search for filter	Alameda County, California			American Comparity Compa	
128 Codes >	Alpine County, California			B19013 MEDIAN HOUSEH	OLD INCOME IN THE
Ø Geography >	Amador County, California			PAST 12 MONTHS (IN 2021 DOLLARS)	INFLATION-ADJUSTED
Surveys >	Butte County, California			View All 27 Products	
I Topics	Calaveras County, California				
	Colusa County, California				
T Years >	Contra Costa County, California				
	Del Norte County, California				
	El Dorado County, California				
	Fresno County, California				
	Glenn County, California				
	 Humboldt County, California 				
	Imperial County, California				
	Inyo County, California				
	Kern County, California				
	Kings County, California				
	Lake County, California				
	Lassen County, California				
	Los Angeles County, California				

- 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.

	B19013 X I & Q Advanced S	search
2 2 Filters ⑦ 《	Census Tract / California / Los Angeles County, California / Select Census Tract Within other geographies Search Census Tract All Census Tract	1 Result View: 10 25 50 Download Table Data
Q. Search for filter 123 Codes > © Geography >	Census Tract 1011.10, Los Angeles County, California Census Tract 1011.22, Los Angeles County, California Census Tract 1012.10, Los Angeles County, California Census Tract 1012.20, Los Angeles County, California	American Community Survey B19013 MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 INFLATION-ADJUSTED DOLLARS) ① View All 14 Products
iii Surveys > iiii Topics > iiii Years >	Census Tract 1012.21, Los Angeles County, California Census Tract 1012.22, Los Angeles County, California Census Tract 1013, Los Angeles County, California Census Tract 1014, Los Angeles County, California	

- 9. Now you can zoom in and find your project census tracts.
 - See the two tips below for making this easier.



• <u>TIP 1</u>. 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.



List t (For information on the 4 o	<mark>he Option Used to D</mark> ptions, see the progr Communities	etermine SOD: am guidelines se 3".)	ction "Underserved	Option 1: Area Median Income
Location Relative to Project Site(s)	Census Tract Number*	Census Tract Population	Metric Score of Census Tract (using the chosen option listed above)	SOD of Tract (3) × (4)
(1)	(2)	(3)	(4)	(5)
Project Site A				
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	2702.10		40,000.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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	
Within a ½ mile radius of the perimeter of the				
project site.				
Within a ½ mile radius of the perimeter of the				
Within a ½ mile radius of the perimeter of the				
project site.				
	TOTALS	-		-
SOD	of Community Surrou	nding the Projec	t = <u>Total of Column 5</u> Total of Column 3	

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

- 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.

	B01003: TOT	TAL POPULATION × 1/ V Q Advanced Search
1 Result View: 10 25 50	K	American Community Survey B01003 TOTAL POPULATION 2021: ACS 1-Year Estimates Detailed Tables Universe: Total population
American Community Survey B01003 TOTAL POPULATION View All 27 Products		Image: Second
		United States
		Label Estimate Margin of Error
		Total 331,893,745 *****

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

Census Bureau	B01003: TOT	TAL POPULATION	X / I Q Advanced Search
2 1 Result View: 10 25 50	K	American Community Survey B01003 TOTAL POPULATION 2021: ACS 1-Year Estimates Detailed Tables	
American Community Survey B01003 TOTAL POPULATION		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	f Error Restore Excel CSV ZIP Share Print Map
		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	Margin of Error

15. Select the "MAPS" tab from the ribbon

9		B01003: TOT	ALTPOPULATION × // V Q Advanced Search
0 : 0	1 Result View: 10 25 50	All Contract of Co	American Community Survey Total—Estimate in 2021 2021 : ACS 5-Year Estimates Detailed Tables
5	SELECTION MAP		Image: Constraint of the second se
	American Community Survey B01003 TOTAL POPULATION		

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

Census	B01003: TOTAL POPULATION	× 📝 🄄 Advanced Search	
Bureau	All Tables Maps Pages		N
2 Filters ⑦ 《 □ B01003 ▲ ⑦ United States ×	1 Result Compared with the second secon	American Community Survey Total—Estimate in 2021 2021: ACS 5-Year Estimates Detailed Tables	2
Clear search & filters (1)	SELECTION MAP	Image: Select Imag	Notes Share
Q Search for filter 223 Codes > © Geography	American Community Survey B01003 TOTAL POPULATION (*) View All 27 Products	and the second second	
 Burveys > Topics > Years > 			

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

	B01003: TOTAL POPULATION		× [] \$ Q	Advanced Se	earch	
2 Filters ⑦ 《 0 Ⅲ 801003 ▲ ♥ United States ×	All Tables Maps Select Geography Geographic Entities Summary Levels	Pages		×	1 Result View: 10 25 50	Cownload Table Data
Clear search & filters @	Q Search Geography Most Commonly Used Geo	graphies		_	American Community Survey B01003 TOTAL POPULATION • View All 27 Products	
22 Codes > ⊗ Geography >	Nation	3	State	\odot		
Surveys > Topics >	County	\odot	Place	٢		
🗄 Years >	ZIP Code Tabulation Area	\odot	Metropolitan/Micropolitan Statistical Area	\odot		
	Census Tract	\odot	Biock	\odot		
	Block Group	۲				
	All Geographies 5-digit ZIP Code Alaska Native Regional Corpora American Indian Area (Off-Rese	tion rvation Trust Land	d Only)/Hawaiian Home Land			

18. Select "California".

	B01003: TOTAL POPULATION	× 1 \$ 🔊 /	Advanced Se	earch	
	All Tables Maps Pages				
2 Filters 🕐 🛛 «	Census Tract / Select State		×	1 Result	«
B01003 🔒 🕅 United States ×	Within other geographies			View: 10 25 50	Download Table Data
Clear search & filters II	Q Search State			American Community Survey	
	All Census Tracts within United States		1	B01003 TOTAL POPULATION Wiew All 27 Products	
Q Search for filter	Nabama			-	
123 Codes >	Alaska				
Ø Geography >	Arizona				
Surveys >	Arkansas				
I Topics >	California				
E Verre)	Colorado				
Li reals >	Connecticut				
	Delaware				
	District of Columbia				
	Florida				

- B01003: TOTAL POPULATION × 1 4 Q Advanced Search Census All Tables Maps Pages 2 Filters 🕐 X 1 Result Census Tract / California / Select County « 6 B01003 🔒 🛛 United States × 🕀 Within other geographies View: 10 | 25 | 50 wnload Ta Clear search & filters 👔 Q Search County American Community Survey B01003 | TOTAL POPULATION Amador County, California Butte County, California
 Calaveras County, California Q Search for filter 123 Codes > Colusa County, California
 Contra Costa County, California Ø Geography > Surveys > 🖿 Del Norte County, California Topics > 🖿 El Dorado County, California T Years > Fresno County, California 🖿 Glenn County, California 🖿 Humboldt County, California 🖿 Imperial County, California 💼 Inyo County, California Kern County, California 💼 Kings County, California 🖿 Lake County, California 🖿 Lassen County, California Los Angeles County, California Madera County, California Marin County, California
- 19. Select the County you want, this example again uses "Los Angeles County."

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

Census	B01003: TOTAL POPULATION × / V	Advanced Se	arch	
Bureau	All Tables Maps Pages			
3 Filters ⑦ 《	Census Tract / California / Los Angeles County, California / Select Census Tract Within other geographies	×	1 Result View: 10 25 50	Cownload Table D
Rent Census Tracts within Los Angel ×	Q Search Census Tract		American Community Survey B01003 TOTAL POPULATION (+) View All 27 Products	
Clear search & filters	All Census Tracts within Los Angeles County, California			
	Census Tract 1011.10, Los Angeles County, California			
Q Search for filter	Census Tract 1011.22, Los Angeles County, California			
123 Codes >	Census Tract 1012.10, Los Angeles County, California			
Ø Geography >	Census Tract 1012.20, Los Angeles County, California			
Surveys >	Census Tract 1012.21, Los Angeles County, California			
I Topics	Census Tract 1012.22, Los Angeles County, California			
	Census Tract 1013, Los Angeles County, California			
Years >	Census Tract 1014, Los Angeles County, California			

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

Census Bureau	All Tables Maps Pages	Advanced Se	earch	
3 Filters ⑦ ≪	Census Tract / California / Los Angeles County, California / Select Census Tract Within other geographies	×	1 Result View: 10 25 50	Constant Con
Image: Clear search & filters @	Search Census Tract All Census Tracts within Los Angeles County, California Census Tract 1011.10, Los Angeles County, California		American Community Survey B01003 TOTAL POPULATION	
Q Search for filter	Census Tract 1011.22, Los Angeles County, California			
⊗ Geography >	Census Tract 1012.20, Los Angeles County, California			
Surveys > Topics > Years >	Census Tract 1012.21, Los Angeles County, California Census Tract 1012.22, Los Angeles County, California Census Tract 1013, Los Angeles County, California Census Tract 1014, Los Angeles County, California			

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.

ſ	American Community Survey				
	Total—Estimate in 24	498 Geos in 202	1		
l	2021 : ACS 5-Year Estimates De	tailed Tables			
0	United States*	B01003: TOTAL POPULAT	ION	× [] 🎙 🝳	Advanced Search
-	Bureau	All Tables	Maps Pages		
8 9 0	American Community Survey Total—Estimate in 2498 Geos 2021: ACS 5-Year Estimates Detailed Tables	in 2021			
	Variable(s)	Year Dataset Basemap Bound	daries Colors Classes Identify Table No	etes Share	
					LOS ANGELI

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.

Τα	ble 1. SOD of Comm	unity Surrounding	g the Project Site(s)	
List t For information on the 4 o	t <mark>he Option Used to D</mark> ptions, see the progr Communities	etermine SOD: am guidelines sea 3".)	ction "Underserved	Option 1: Area Median Income
Location Relative to Project Site(s)	Census Tract Number*	Census Tract Population	Metric Score of Census Tract (using the chosen option listed above)	SOD of Tract (3) × (4)
(1)	(2)	(3)	(4)	(5)
Project Site A				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	2/02.10	0,070.00	40,000.00	100,470,000.00
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	22// 22	0.147.00	107 070 00	100 001 710 00
Within a ½ mile radius of	2964.02	3,147.00	137,379.00	432,331,/13.00
project site.	2966.00	5,264.00	43,621.00	229,620,944.00
Project Site B				
Within a ½ mile radius of the perimeter of the project site.				
Within a ½ mile radius of the perimeter of the project site				
Within a ½ mile radius of the perimeter of the project site				
projectane.	TOTALS	16.852.00		1.243.472.575.00
SOD	of Community Surrou	nding the Projec	Total of Column 5 Total of Column 3	73,787.83

• 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	SOD Criteria Ranges for SOD of Community Re Surrounding the Project		Required Local Match %				
Option 1: Area	Median Income (AMI) compared to States	vide Med	lian Income (SMI)*				
Data: Census Tr	act Level Data from the 2017-2021 Americ	an Comr	nunity Survey 5-year				
	(ACS5) Estimates						
	> \$67,278	Thop	50				
If the AMI SOD of	\$63,518 to \$67,278	loogl	37.5				
the surrounding	\$59,757 to \$63,517	match	25				
community is	\$55,996 to \$59,756	ic	12.5				
	< \$55,996	13	0				
	Option 2: CalEnviroScreen 4.0 Score (not	percentil	e)				
	Data: CalEnviroScreen 4.0 Resul	<u>ts</u>					
If the	< 40	These	50				
CalEnviroScreen	40 to 43	Inen	37.5				
4.0 SOD of the	44 to 47	match	25				
surrounding	48 to 51	ic	12.5				
community is	> 51	13	0				
Option 3	3: Percentage of Students that Receive Free	or Reduc	ed Lunches				
	Data: California Department of Education	on websi	te				
	< 75		50				
If the	75 to 79	Then	37.5				
Free/Reduced	Free/Reduced 80 to 84		25				
Lunch SOD 85 to 90		match	12.5				
	> 90	IS	0				
Option	4: Healthy Places Index (HPI) Score (use ov	erall HPI :	score only)				
	Data: California Healthy Places Index	website					
	> 25	These	50				
If the HPI SOD of	21 to 25	Inen	37.5				
the surrounding	16 to 20	local	25				
community is	10 to 15	indicri	12.5				
	< 10	15	0				
	Option 5: Tribal Communities						
<u>Data</u> :	List of Federally Recognized Tribal Govern	ments in	<u>California</u>				
If the project appli	cant or sub-applicant is a Federally	Then					
Recognized Tribal Government and the project area is							
located within or p	local	0					
Lands, lands owned	match	·					
allotted lands, and							
Communities with a population less than 15,000 may use data at the Census Block Group							
ievei, unincorporat	ed communities may use data at the Cen	SUS FIACE	level.				
Enter your	Kequired Local Match h	nere:	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 <u>CCLGP website</u>.