

Using the Climate and Economic Justice Screening Tool Version 1.0 Spreadsheet Tutorial



Using the Climate and Economic Justice Screening Tool Version 1.0 Spreadsheet

1. Visit the Climate and Economic Justice Screening Tool (CEJST) website.

https://screeningtool.geoplatform.gov

 From here, open the "Methodology & data" page in the top menu, and then select "Downloads."

An official website of the United States government Here's how you know 🗸

This tool has been updated. The 1.0 version of the tool was released on Nov 22, 2022



Explore the map

Search for an address, city, state or ZIP

ALBERTA

COLUMBIA

+

Census tracts that are overburdened and underserved are highlighted as being disadvantaged on the map. Federally Recognized Tribes, including Alaska Native Villages, are also considered disadvantaged communities.

SASKATCHEWAN MANITOBA

Q

Zooming in and selecting shows information about each census tract.



Get the data 🛓

QUÉBEC

Download the data with documentation and shapefile from the <u>downloads</u> page.

How to use the map:

Zoom in + , search Q, or locate yourself (a) and select to see information about any census tract.



3. From here, you can download an Excel file, a .csv file, or a shapefile that can be uploaded into an alternate mapping platform like Esri. You can also download some additional documentation about the tool.

An official website of the United States govern	ment Here's how you know	
This tool has been updated. The 1.0 version of the t	tool was released on Nov 22, 2022.	
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View <u>release notes</u> ∽		Downloads
The dataset used in the 1.0 version of t about how to use the list of communit	the tool, along with a codebook, and info ies (.pdf) are available for download:	Previous versions
<u>Communities list data</u>	1	
<u>Communities list data</u>		
Shapefile 4 (Codebook included with	shapefile 356.8MB unzipped)	
<u>Technical support document</u> ^[2] (.pdf 4.	4MB)	
Instructions to Federal agencies on usi	ing <u>the CEJST</u> ^[2] (.pdf 228.4kB)	
How to use the list of communities 🗹 (.pdf 687.9kB)	
Contact	More information	Want to contribute?
Council on Environmental Quality	Whitehouse.gov 🖸	Check out the code on GitHub 🛛
730 Jackson Pl NW Washington, D.C. 20506	Freedom of Information Act (FOIA)	3
(202) 395-5750	Privacy Policy	

Find a contact at USA.gov 🛛

(202) 395-5750

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Help improve the tool⊠



4. For example, download the **"Communities list data,"** Excel file, which includes the CEJST Version 1.0 list of communities.

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Communities list data 4 (.csv 42MB)						
Shapefile 4 (Codebook included with	shapefile 356.8MB unzipped)	l.				
<u>Technical support document</u> [2] (.pdf 4.	.4MB)					
Instructions to Federal agencies on usi	ing the CEJST 邙 (.pdf 228.4kE	3)				
How to use the list of communities 🗹 (.	.pdf 687.9kB)					
Contact	More information		Want to contri	ibute?		
Council on Environmental Quality	Whitehouse.gov 🛙		Check out the o	ode on GitHub 🛛		
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(202) 395-5750	Privacy Policy 🛛					

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5. Once the file is downloaded, open it in Excel.

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1 Census tract 2010 ID	County Name	State/Territory	Percent Black or African American alone	Percent American Indian / Alaska Native	Percent Asian
2 01001020100	Autauga County	Alabama	0.07	0	0
3 01001020200	Autauga County	Alabama	0.57	0	0
4 01001020300	Autauga County	Alabama	0.24	0	0
5 01001020400	Autauga County	Alabama	0.05	0	0
6 01001020500	Autauga County	Alabama	0.18	0	0.03
7 01001020600	Autauga County	Alabama	0.18	0	0
8 01001020700	Autauga County	Alabama	0.2	0	0
9 01001020801	Autauga County	Alabama	0.13	0	0
10 01001020802	Autauga County	Alabama	0.14	0	0
11 01001020900	Autauga County	Alabama	0.1	0.01	0
12 01001021000	Autauga County	Alabama	0.2	0	0
13 01001021100	Autauga County	Alabama	0.52	0	0
14 01003010100	Baldwin County	Alabama	0.11	0.04	0
15 01003010200	Baldwin County	Alabama	0.07	0.02	0
16 01003010300	Baldwin County	Alabama	0.15	0.02	0
17 01003010400	Baldwin County	Alabama	0.07	0.01	0
18 01003010500	Baldwin County	Alabama	0.12	0	0
19 01003010600	Baldwin County	Alabama	0.62	0	0
20 01003010701	Baldwin County	Alabama	0.01	0	0.02
21 01003010703	Baldwin County	Alabama	0.09	0	0.01
22 01003010704	Baldwin County	Alabama	0.31	0	0
23 01003010705	Baldwin County	Alabama	0.14	0	0.02
24 01003010800	Baldwin County	Alabama	0.2	0.01	0.02
25 01003010903	Baldwin County	Alabama	0.17	0.01	0
27 01002010905	Paldwin County	Alabama	0.02	0.03	0
28 01003010905	Baldwin County	Alahama	0.02	0.01	0
29 01003011000	Baldwin County	Alabama	0.03	0.01	0
30 01003011101	Baldwin County	Alabama	0.03	0.01	0.01
50 51055011101	Sarawin county	raduand	0.03	0.01	0.01
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6. These data reflect census tract boundaries from 2010. Each census tract has a row, which includes all the available information used to inform the tool.

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A	В	С	D	E	F
1 Census tract 2010 ID	County Name	State/Territory	Percent Black or African American alone	Percent American Indian / Alaska Native	Percent Asian
2 01001020100	Autauga County	Alabama	0.07	0	0
4 01001020300	Autauga County	Alabama	0.37	0	0
5 01001020400	Autauga County	Alabama	0.05	0	0
6 01001020500	Autauga County	Alabama	0.18	0	0.03
7 01001020600	Autauga County	Alabama	0.18	0	0
8 01001020700	Autauga County	Alabama	0.2	0	0
9 01001020801	Autauga County	Alabama	0.13	0	0
10 01001020802	Autauga County	Alabama	0.14	0	0
11 01001020900	Autauga County	Alabama	0.1	0.01	0
12 01001021000	Autauga County	Alabama	0.2	0	0
13 01001021100	Autauga County	Alabama	0.52	0	0
14 01003010100	Baldwin County	Alabama	0.11	0.04	0
15 01003010200	Baldwin County	Alabama	0.07	0.02	0
16 01003010300	Baldwin County	Alabama	0.15	0.02	0
17 01003010400	Baldwin County	Alabama	0.07	0.01	0
18 01003010500	Baldwin County	Alabama	0.12	0	0
19 01003010600	Baldwin County	Alabama	0.62	0	0
20 01003010701	Baldwin County	Alabama	0.01	0	0.02
21 01003010703	Baldwin County	Alabama	0.09	0	0.01
22 01003010704	Baldwin County	Alabama	0.31	0	0
23 01003010705	Baldwin County	Alabama	0.14	0	0
24 01003010800	Baldwin County	Alabama	0.2	0	0.02
25 01003010903	Baldwin County	Alabama	0.17	0.01	0
26 01003010904	Baldwin County	Alabama	0.02	0.03	0
27 01003010905	Baldwin County	Alabama	0.02	0	0
28 01003010906	Baldwin County	Alabama	0.03	0.01	0
29 01003011000	Baldwin County	Alabama	0.03	0	0
30 01003011101	Baldwin County	Alabama	0.03	0.01	0.01
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7. The rows are sorted alphabetically, but you can apply filters to show certain states or counties.

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A .	В	c		D	E	F
1 Census tract 2010 ID	County Name	T State/Territory	Percent Black or A	drican American	rican Indian / Alaska	ent Asian
733 06037101110	Los Angeles County	California		0	0	0.0
734 06037101122	Los Angeles County	California		0.02	0	0.0
35 06037101210	Los Angeles County	California		0.03	0	0.0
36 06037101220	Los Angeles County	California		0.02	0	0.0
37 06037101300	Los Angeles County	California		0.05	0	0.0
38 06037101400	Los Angeles County	California		0	0.01	0.1
39 06037102103	Los Angeles County	California		0.01	0	0.1
40 06037102104	Los Angeles County	California		0.02	0	0.0
41 06037102105	Los Angeles County	California		0	0.01	0.0
42 06037102107	Los Angeles County	California		0.01	0	0.0
43 06037103101	Los Angeles County	California		0	0	0.0
44 06037103102	Los Angeles County	California		0	0	0.1
5 06037103200	Los Angeles County	California		0.01	0	0.0
6 06037103300	Los Angeles County	California		0	0.01	0.0
7 06037103400	Los Angeles County	California		0.02	0.01	0.
8 06037104103	Los Angeles County	California		0.12	0	0.0
49 06037104105	Los Angeles County	California		0.04	0	0.
50 06037104108	Los Angeles County	California		0.07	0	0.0
51 06037104124	Los Angeles County	California		0.12	0	0.0
52 06037104201	Los Angeles County	California		0.09	0.01	
53 06037104203	Los Angeles County	California		0.08	0	0.0
54 06037104204	Los Angeles County	California		0.03	0	0.0
55 06037104310	Los Angeles County	California		0.01	0	
56 06037104320	Los Angeles County	California		0.04	0	0.0
57 06037104401	Los Angeles County	California		0	0	0.0
58 06037104403	Los Angeles County	California		0	0	0.0
59 06037104404	Los Angeles County	California		50.0	0	0.0
CO 56003104500	Los Aneres County	California		0	0	
60 06037104500	Los Angeles County	California			0	



8. Each dataset is shown as a raw value, a percentile, and a Boolean* that shows if the tract is above the threshold for that burden.

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$\frac{1}{2}$ × \checkmark fx la	lentified as disadvantaged						
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Greater than or equal to the 90th percentile for share of properties at risk of fire in 30 years	Greater than or equal to the 90th percentile for share of properties at risk of fire in 30 years and is low income?	Greater than or equal to the 90th percentile for energy burden and low income?	is Energy burden (percentile)	Energy burden		Sreater the percentile low income	in or equal to the 90th for PM2.5 exposure and 17
FALSE	FALSE	FALSE		49		2	FALSE
FALSE	FALSE	FALSE		6		1	FALSE
FALSE	FALSE	FALSE		68		3	FALSE
FALSE	FALSE	FALSE		63		3	FALSE
FALSE	FALSE	FALSE		38		2	FALSE
FALSE	FALSE	FALSE		57		3	FALSE
FALSE	FALSE	FALSE		72		3	FALSE
FALSE	FALSE	FALSE		46		2	FALSE
FALSE	FALSE	FALSE		54		3	FALSE
FALSE	FALSE	FALSE		44		2	FALSE
FALSE	FALSE	FALSE		87		5	FALSE
FALSE	FALSE	TRUE		97		7	FALSE
FALSE	FALSE	FALSE		77		4	FALSE
FALSE	FALSE	FALSE		59		3	FALSE
FALSE	FALSE	FALSE		38		2	FALSE
FALSE	FALSE	FALSE		59		3	FALSE
TRUE	FALSE	FALSE		54		3	FALSE
TRUE	TRUE	TRUE		90		5	FALSE
FALSE	FALSE	FALSE		27		2	FALSE
FALSE	FALSE	FALSE		12		1	FALSE
FALSE	FALSE	FALSE		32		2	FALSE
FALSE	FALSE	FALSE		44		2	FALSE
FALSE	FALSE	FALSE		32		2	FALSE
FALSE	FALSE	FALSE		44		2	FALSE
FALSE	FALSE	FALSE		49		2	FALSE
FALSE	FALSE	FALSE		44		2	FALSE
	FALSE	FALSE		54		3	FALSE
FALSE	FALSE	FALSE		66		3	FALSE
FALSE FALSE	119825						



9. Disadvantaged communities are over the burden threshold and over the associated socioeconomic burden. The Boolean value in column T will be TRUE if the tract is considered disadvantaged.

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T1	$ \times \sqrt{f_x} $ Id	entified as disadvantaged				
	Q	R	S	т	U	V
1	dentified as disadvantaged without :onsidering neighbors	Identified as disadvantaged based on neighbors and relaxed low income threshold only	Identified as disadvantaged due to tribal overlap	Identified as disadvantaged	Percentage of tract that is disadvantaged by area	Share of neighbors that are identified as disadvantaged
2	FALSE	FALSE		FALSE	(0
3	FALSE	FALSE		FALSE	0	0
4	FALSE	FALSE		FALSE		0
2	FALSE	FALSE		FALSE		0
7	EALSE	FALSE		EALSE		0
6	FALSE	EALSE		EALSE		12
å	EALSE	EALSE		EALSE		50
10	FALSE	FALSE		FALSE		7
11	FALSE	FALSE		FALSE		, , , , , , , , , , , , , , , , , , , ,
12	FALSE	FALSE		FALSE		28
13	TRUE	FALSE		TRUE	100	33
14	TRUE	FALSE		TRUE	100	77
15	TRUE	FALSE		TRUE	100	42
16	FALSE	FALSE		FALSE		44
17	FALSE	FALSE		FALSE	(22
18	FALSE	FALSE		FALSE	(50
19	TRUE	FALSE		TRUE	100	0
20	FALSE	FALSE		FALSE	(33
21	FALSE	FALSE		FALSE	(0
22	FALSE	FALSE		FALSE	(0
23	FALSE	FALSE		FALSE	(14
24	FALSE	FALSE		FALSE	(0
25	FALSE	FALSE		FALSE	(0
26	FALSE	FALSE		FALSE		12
27	FALSE	FALSE		FALSE		16
28	FALSE	FALSE		FALSE	(25
29	TRUE	FALSE		TRUE	100	0
30	FALSE	FALSE		FALSE	/ (20
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10. You can use simple Excel formulas to calculate the percentage of tracts considered disadvantaged in an area (e.g. county or state) as well as the percentage of the population considered disadvantaged within those tracts.

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						Number of		Percent of				
						Tribal areas	Names of	the Census				
						within	Tribal areas	tract that is				
	Census tract			Identified as	Total	Census tract	within	within Tribal				
1	2010 ID	County Name	State/Territory	disadvantaged	population	for Alaska	Census tract	areas				
2	06037576001	Los Angeles County	California	FALSE	5174							
	06037576200	Los Angeles County	California	TRUE	5324							
	06037576301	Los Angeles County	California	TRUE	4165							
	06037576302	Los Angeles County	California	TRUE	4077							
	06037576401	Los Angeles County	California	TRUE	5021							
	06037576402	Los Angeles County	California	TRUE	5015							
	06037576403	Los Angeles County	California	TRUE	5140							
	06037576501	Los Angeles County	California	TRUE	2986							
C	06037576502	Los Angeles County	California	TRUE	4658							
L	06037576503	Los Angeles County	California	FALSE	4469							
2	06037576601	Los Angeles County	California	FALSE	4293							
3	06037576602	Los Angeles County	California	FALSE	4423	2						
\$	06037576700	Los Angeles County	California	FALSE	3935							
5	06037576801	Los Angeles County	California	FALSE	4070							
5	06037576802	Los Angeles County	California	FALSE	4061							
7	06037576901	Los Angeles County	California	TRUE	5357							
3	06037576903	Los Angeles County	California	TRUE	3644							
					% of							
				% of tracts that	population in							
9				are DACs	DACs							
)				58.8%	59.87%							
)						



11. You can also see the percentage of a tract that may contain Lands of Federally Recognized Tribes.

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11	÷ × ¬	f_x Percent of the	Census tract that is w	vithin Tribal areas						Ŧ	
	А	В	С	D	E	F	G	н	I.	J	
1	Census tract 2010 ID	County Name	State/Territory	Identified as disadvantaged	Percentage of tract that is disadvantaged by area	Total population	Number of Tribal areas within Census tract for Alaska	Names of Tribal areas within Census tract	Percent of the Census tract that is within Tribal areas		
440	6065940100	Riverside County	California	FALSE	94	171		Colorado River	94		
441	6065940400	Riverside County	California	TRUE	100	6818		Cabazon, Twenty	55		
442	6065940500	Riverside County	California	FALSE	61	2150		Agua Caliente	61		
443	6065940600	Riverside County	California	FALSE	63	3183		Agua Caliente	63		
444	6065940700	Riverside County	California	TRUE	100	2798		Agua Caliente	99		
445	6065940800	Riverside County	California	FALSE	99	2748		Agua Caliente	99		
446	6065940900	Riverside County	California	TRUE	100	2097		Agua Caliente	99		
447	6065941000	Riverside County	California	TRUE	100	3832		Agua Caliente	75		
448	6065941100	Riverside County	California	TRUE	100	2072		Agua Caliente	99		
449	6065941200	Riverside County	California	FALSE	79	2735		Agua Caliente	79		
450	6065941300	Riverside County	California	TRUE	100	3366		Agua Caliente	99		
451	6065941400	Riverside County	California	TRUE	100	3872		Agua Caliente	99		
452	6065941500	Riverside County	California	FALSE	71	5080		Soboba	71		
453	6065980004	Riverside County	California	FALSE	0	0					
454	6065981000	Riverside County	California	TRUE	100	6196]	
R	Data	part of LA county	Riverside county	Tribal +	Aver	age: 84 Count: 14	Sum: 1092	III II		- 150%	

Note: For these values, blank or null is 0%, 1 is less than 1%. If a census tract contains land within the boundaries of Federally Recognized Tribes, then the parts of the tract that contain the land of Tribes are considered disadvantaged. The tool will display this type of census tract as "partially disadvantaged."

Thank you!

View the CEJST at <u>https://screeningtool.geoplatform.gov/</u>.

For questions related to the CEJST and the data, email <u>Screeningtool-Support@omb.eop.gov</u>.