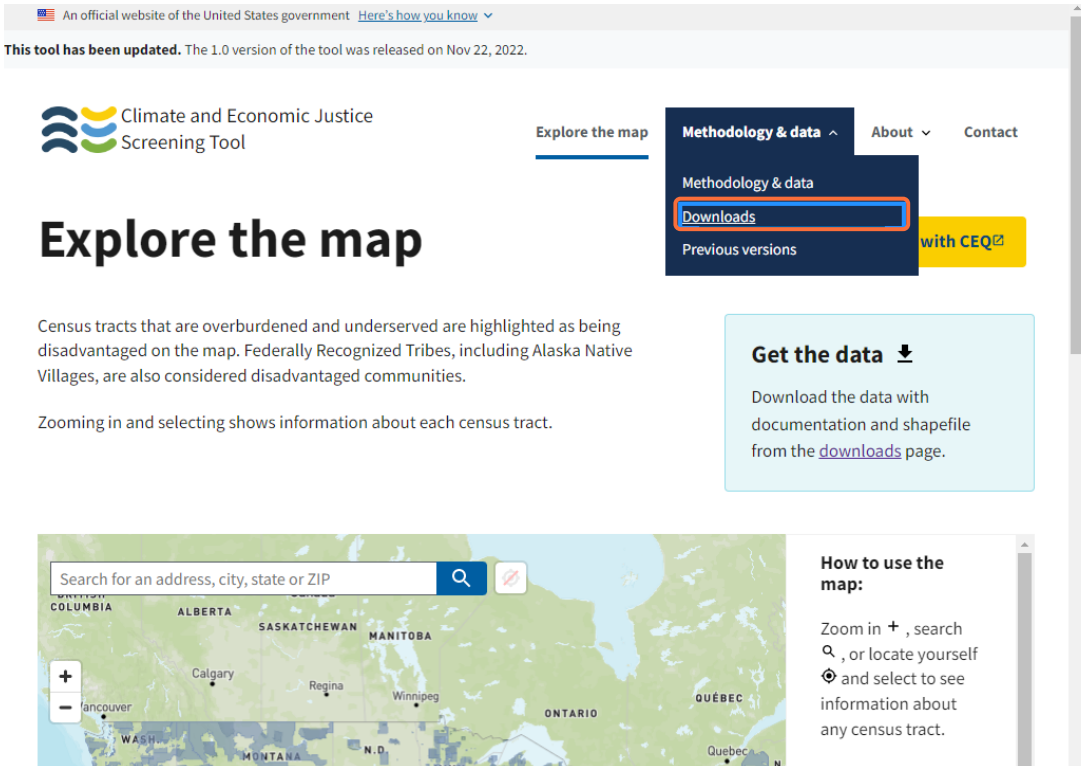
Using the Climate and Economic Justice Screening Tool Version 1.0 Spreadsheet Tutorial

Using the Climate and Economic Justice Screening Tool Version 1.0 Spreadsheet

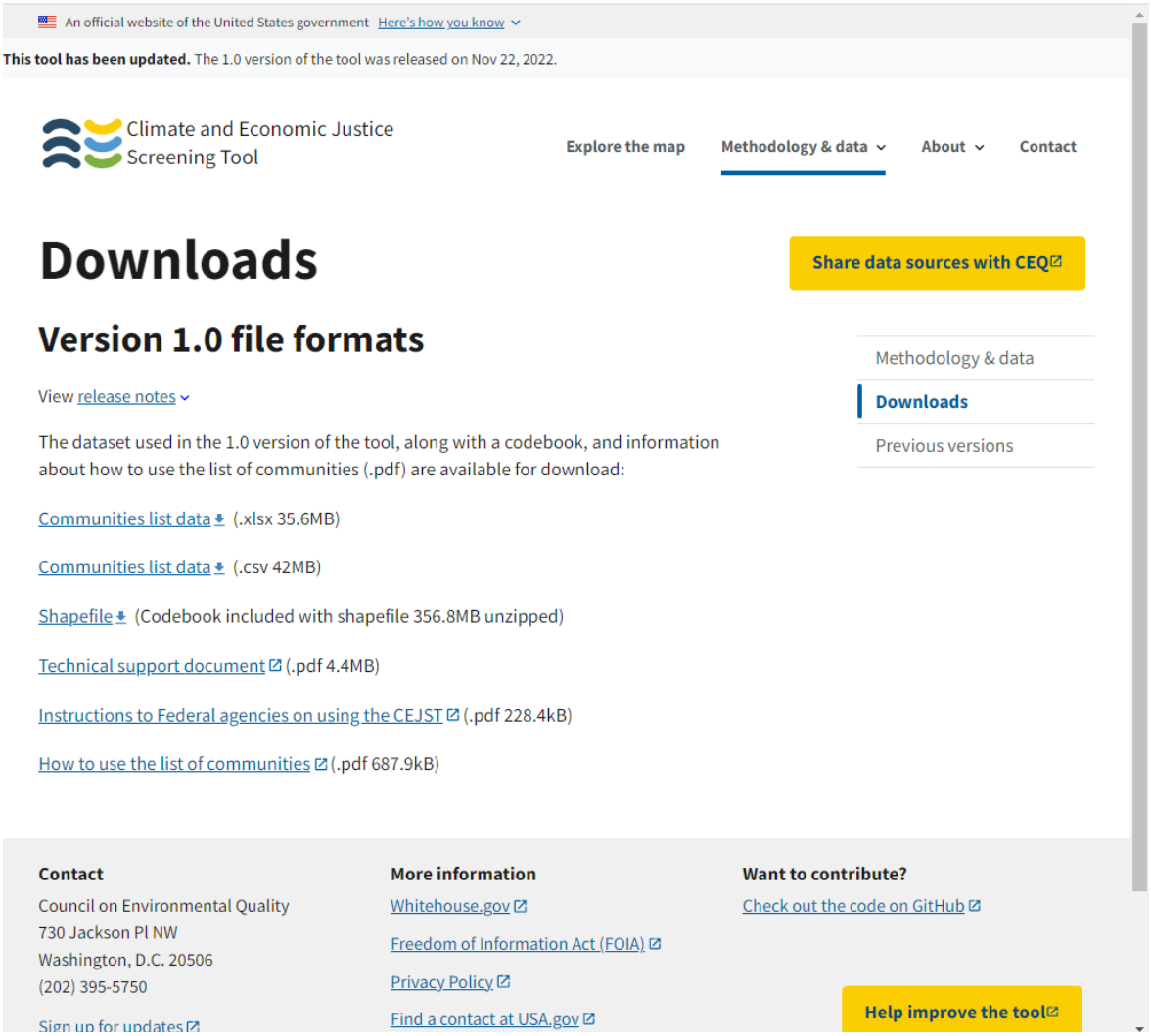
1. Visit the Climate and Economic Justice Screening Tool (CEJST) website.

https://screeningtool.geoplatform.gov

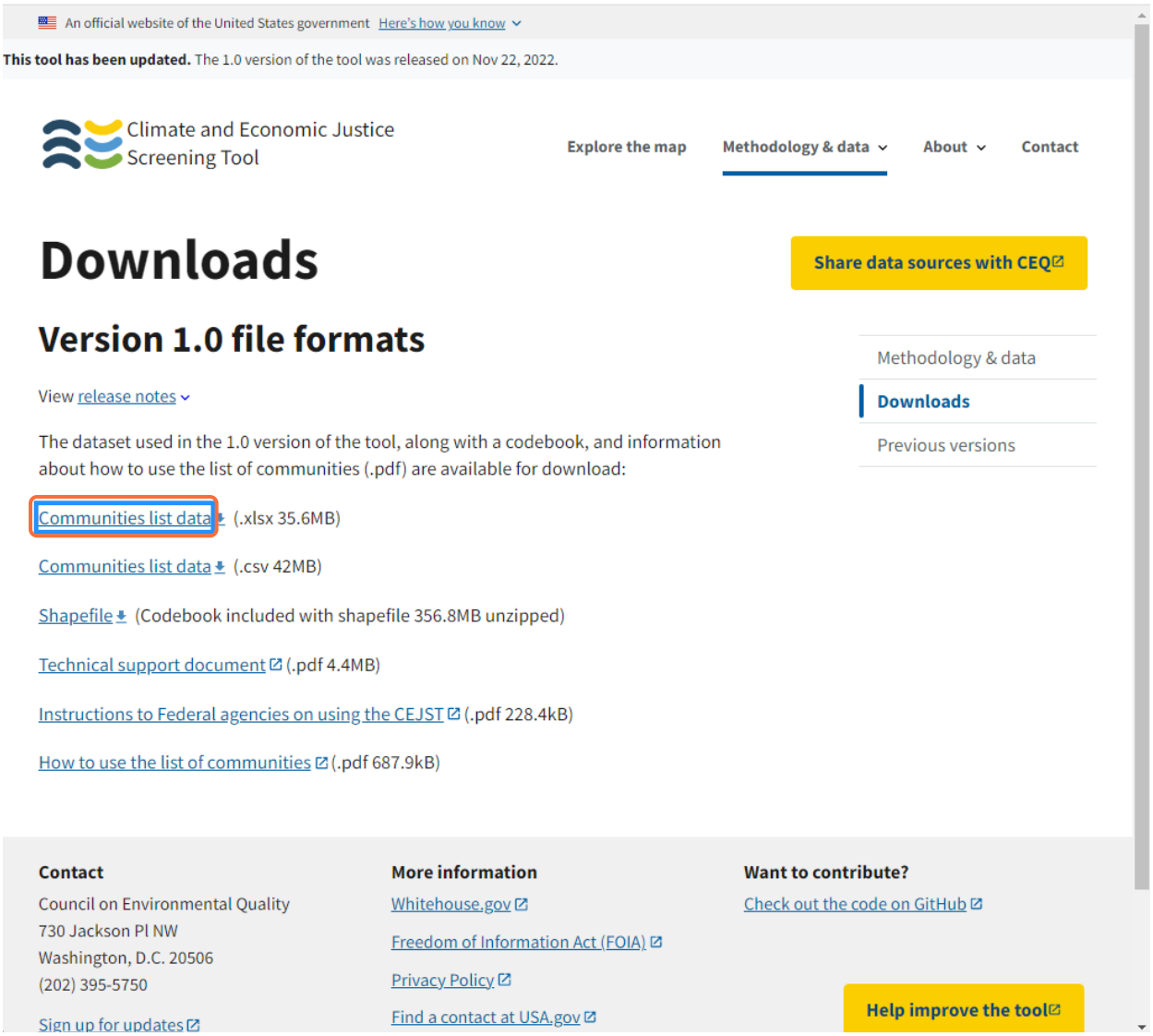
2. From here, open the **"Methodology & data"** page in the top menu, and then select **"Downloads."**



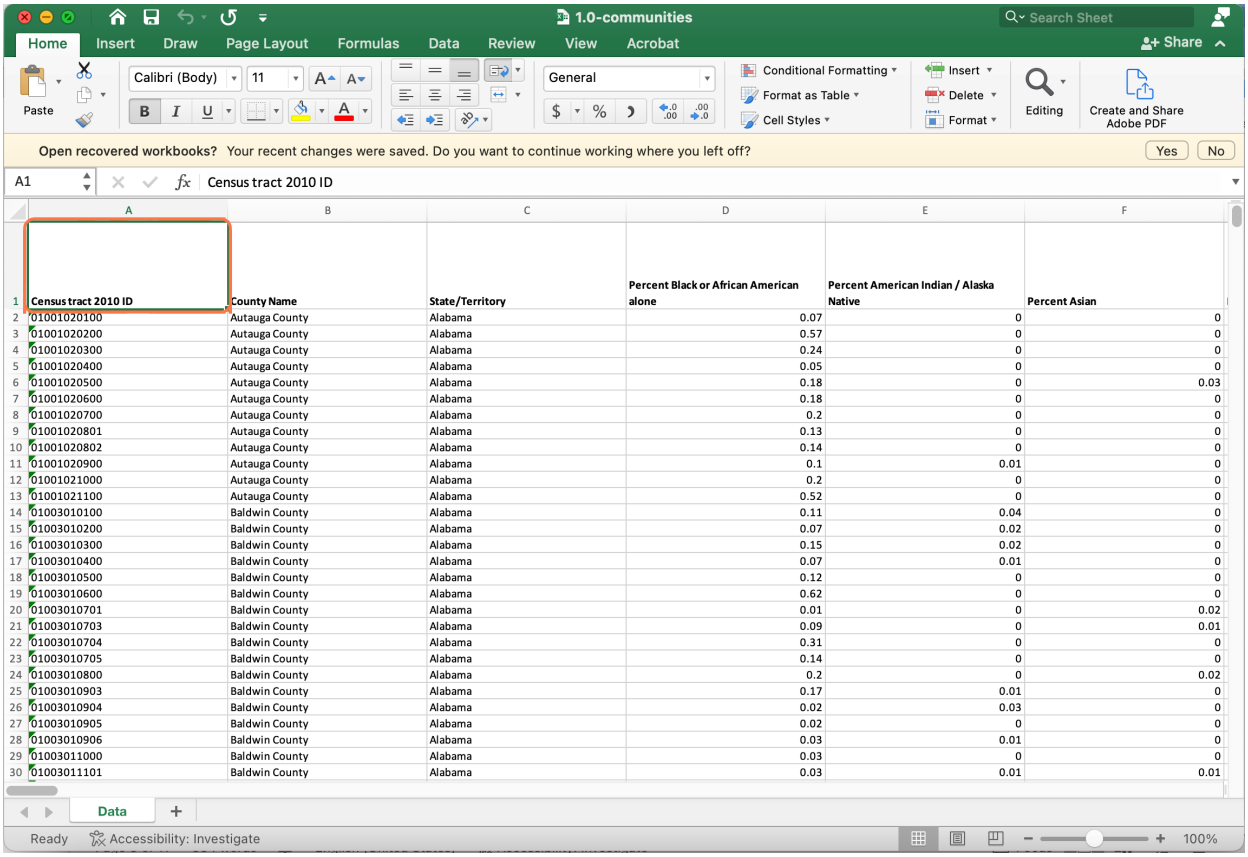
3. From here, you can download an Excel file, a .csv file, or a shapefile that can be uploaded into an alternate mapping platform like Esri. You can also download some additional documentation about the tool.



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

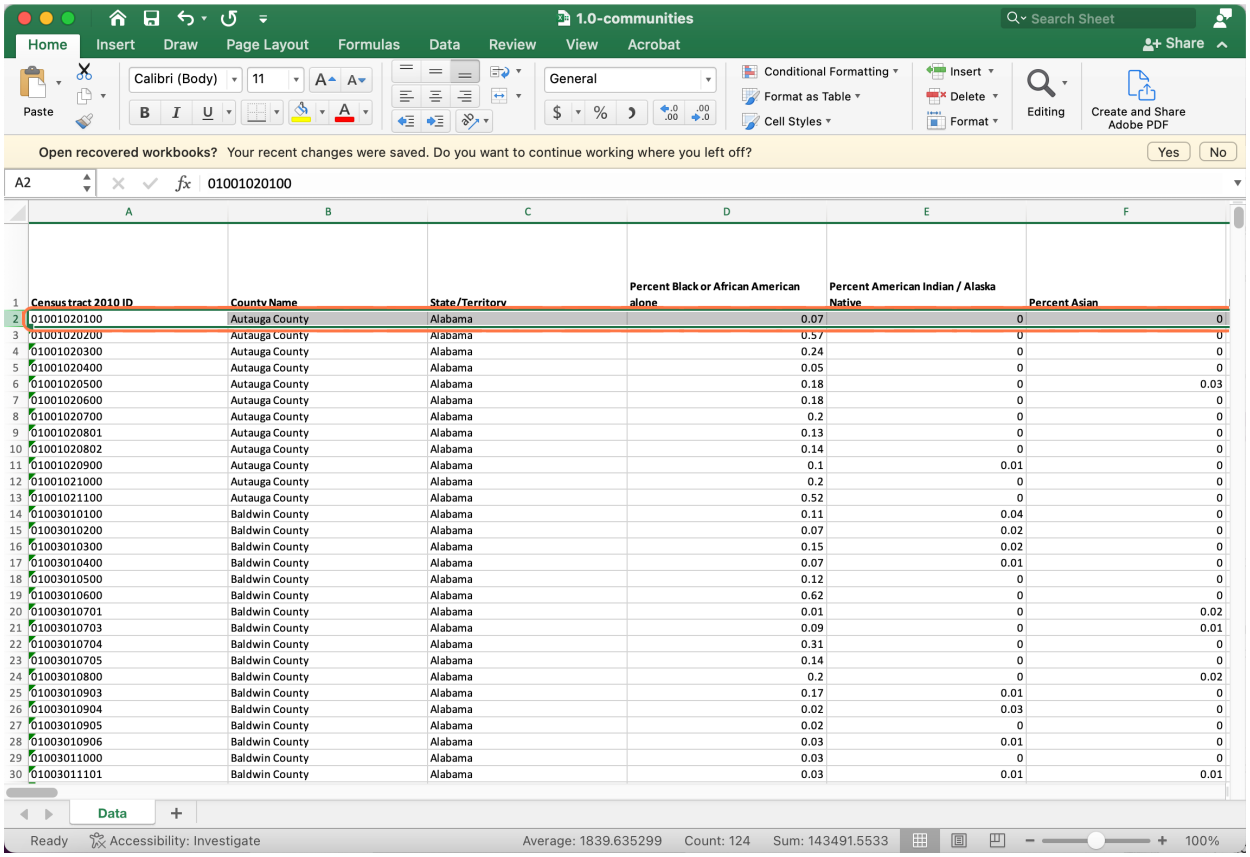


5. Once the file is downloaded, open it in Excel.



Census tract 2010 ID	County Name	State/Territory	Percent Black or African American alone	Percent American Indian / Alaska Native	Percent Asian
01001020100	Autauga County	Alabama	0.07	0	0
01001020200	Autauga County	Alabama	0.57	0	0
01001020300	Autauga County	Alabama	0.24	0	0
01001020400	Autauga County	Alabama	0.05	0	0
01001020500	Autauga County	Alabama	0.18	0	0.03
01001020600	Autauga County	Alabama	0.18	0	0
01001020700	Autauga County	Alabama	0.2	0	0
01001020801	Autauga County	Alabama	0.13	0	0
01001020802	Autauga County	Alabama	0.14	0	0
01001020900	Autauga County	Alabama	0.1	0.01	0
01001021000	Autauga County	Alabama	0.2	0	0
01001021100	Autauga County	Alabama	0.52	0	0
01003010100	Baldwin County	Alabama	0.11	0.04	0
01003010200	Baldwin County	Alabama	0.07	0.02	0
01003010300	Baldwin County	Alabama	0.15	0.02	0
01003010400	Baldwin County	Alabama	0.07	0.01	0
01003010500	Baldwin County	Alabama	0.12	0	0
01003010600	Baldwin County	Alabama	0.62	0	0
01003010701	Baldwin County	Alabama	0.01	0	0.02
01003010703	Baldwin County	Alabama	0.09	0	0.01
01003010704	Baldwin County	Alabama	0.31	0	0
01003010705	Baldwin County	Alabama	0.14	0	0
01003010800	Baldwin County	Alabama	0.2	0	0.02
01003010903	Baldwin County	Alabama	0.17	0.01	0
01003010904	Baldwin County	Alabama	0.02	0.03	0
01003010905	Baldwin County	Alabama	0.02	0	0
01003010906	Baldwin County	Alabama	0.03	0.01	0
01003011000	Baldwin County	Alabama	0.03	0	0
01003011101	Baldwin County	Alabama	0.03	0.01	0.01

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.



1.0-communities

Open recovered workbooks? Your recent changes were saved. Do you want to continue working where you left off? Yes No

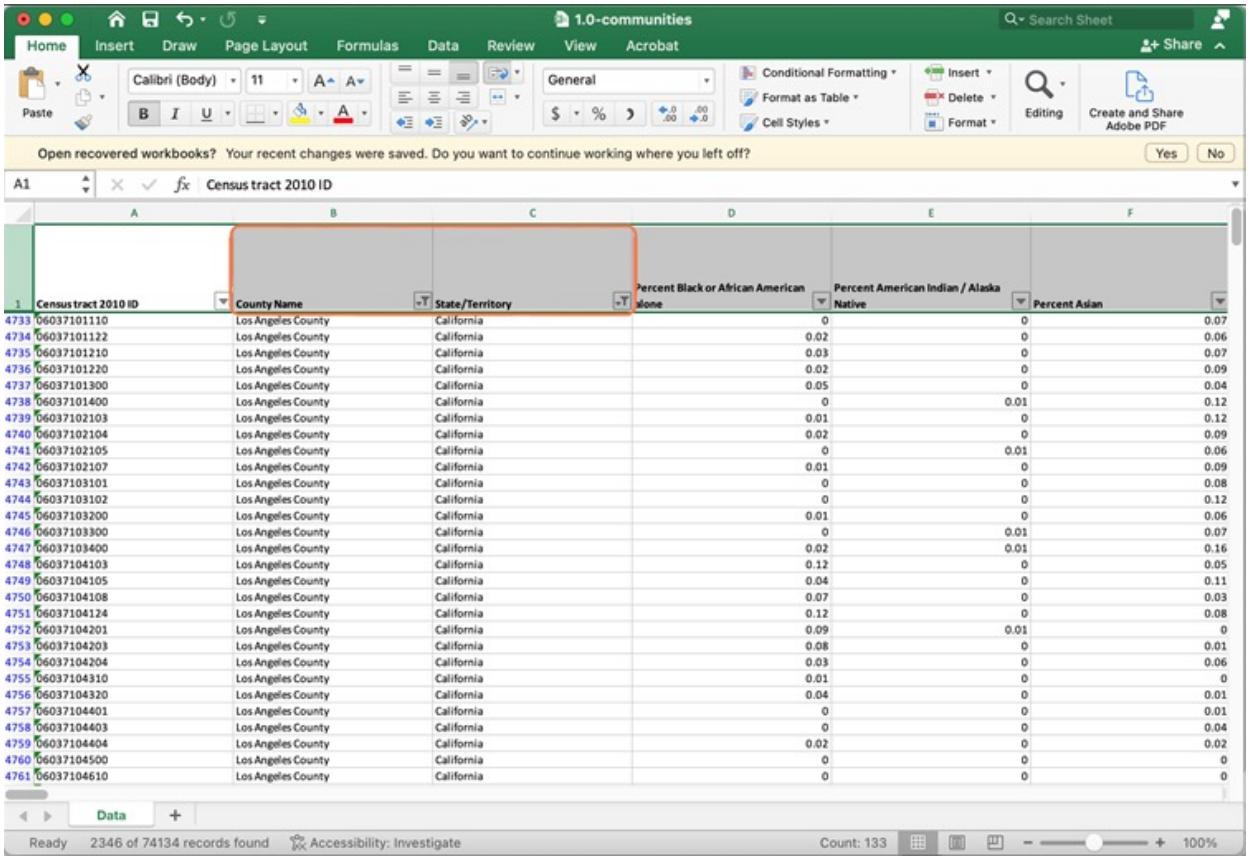
A2: 01001020100

Census tract 2010 ID	County Name	State/Territory	Percent Black or African American alone	Percent American Indian / Alaska Native	Percent Asian
01001020100	Autauga County	Alabama	0.07	0	0
01001020200	Autauga County	Alabama	0.57	0	0
01001020300	Autauga County	Alabama	0.24	0	0
01001020400	Autauga County	Alabama	0.05	0	0
01001020500	Autauga County	Alabama	0.18	0	0.03
01001020600	Autauga County	Alabama	0.18	0	0
01001020700	Autauga County	Alabama	0.2	0	0
01001020801	Autauga County	Alabama	0.13	0	0
01001020802	Autauga County	Alabama	0.14	0	0
01001020900	Autauga County	Alabama	0.1	0.01	0
01001021000	Autauga County	Alabama	0.2	0	0
01001021100	Autauga County	Alabama	0.52	0	0
01003010100	Baldwin County	Alabama	0.11	0.04	0
01003010200	Baldwin County	Alabama	0.07	0.02	0
01003010300	Baldwin County	Alabama	0.15	0.02	0
01003010400	Baldwin County	Alabama	0.07	0.01	0
01003010500	Baldwin County	Alabama	0.12	0	0
01003010600	Baldwin County	Alabama	0.62	0	0
01003010701	Baldwin County	Alabama	0.01	0	0.02
01003010703	Baldwin County	Alabama	0.09	0	0.01
01003010704	Baldwin County	Alabama	0.31	0	0
01003010705	Baldwin County	Alabama	0.14	0	0
01003010800	Baldwin County	Alabama	0.2	0	0.02
01003010903	Baldwin County	Alabama	0.17	0.01	0
01003010904	Baldwin County	Alabama	0.02	0.03	0
01003010905	Baldwin County	Alabama	0.02	0	0
01003010906	Baldwin County	Alabama	0.03	0.01	0
01003011000	Baldwin County	Alabama	0.03	0	0
01003011101	Baldwin County	Alabama	0.03	0.01	0.01

Data

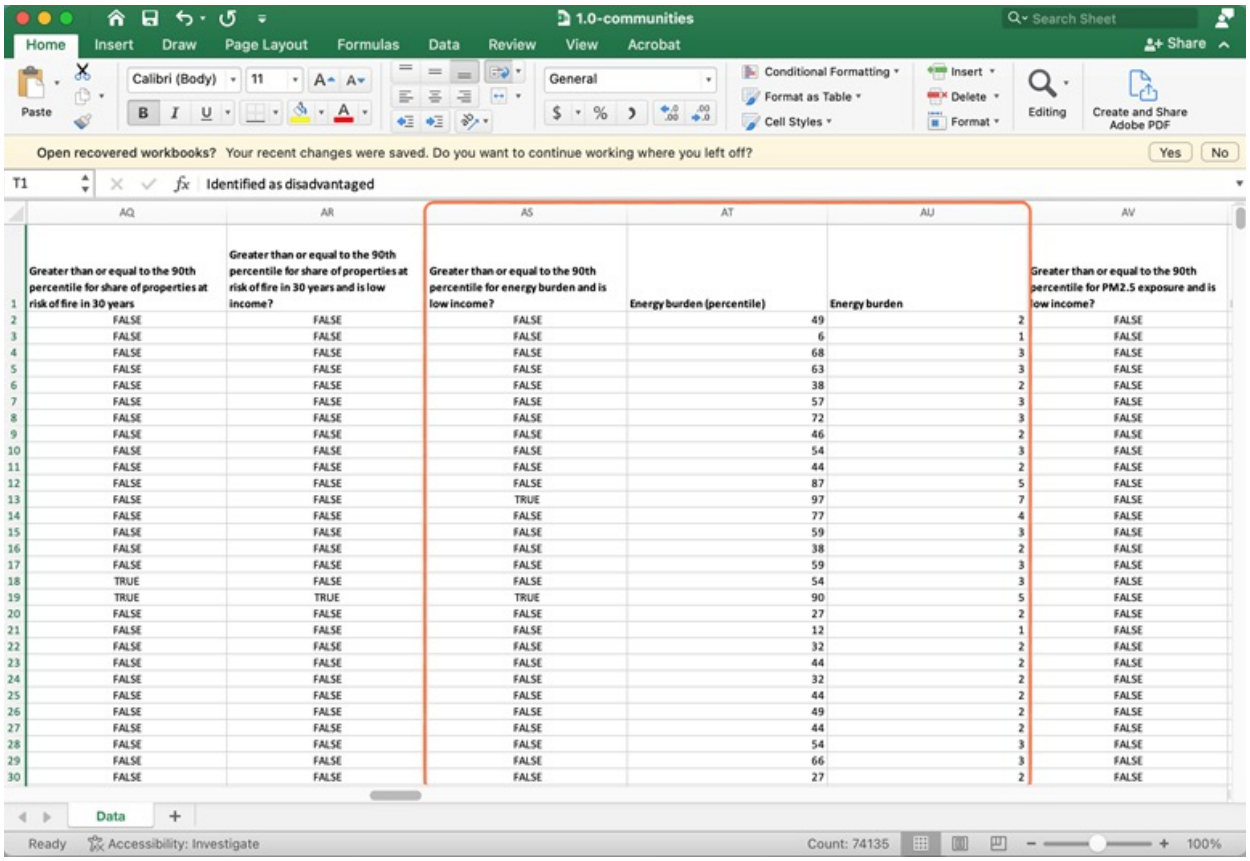
Ready Accessibility: Investigate Average: 1839.635299 Count: 124 Sum: 143491.5533 100%

7. The rows are sorted alphabetically, but you can apply filters to show certain states or counties.



Census tract 2010 ID	County Name	State/Territory	Percent Black or African American alone	Percent American Indian / Alaska Native	Percent Asian
06037101110	Los Angeles County	California	0	0	0.07
06037101122	Los Angeles County	California	0.02	0	0.06
06037101210	Los Angeles County	California	0.03	0	0.07
06037101220	Los Angeles County	California	0.02	0	0.09
06037101300	Los Angeles County	California	0.05	0	0.04
06037101400	Los Angeles County	California	0	0.01	0.12
06037102103	Los Angeles County	California	0.01	0	0.12
06037102104	Los Angeles County	California	0.02	0	0.09
06037102105	Los Angeles County	California	0	0.01	0.06
06037102107	Los Angeles County	California	0.01	0	0.09
06037103101	Los Angeles County	California	0	0	0.08
06037103102	Los Angeles County	California	0	0	0.12
06037103200	Los Angeles County	California	0.01	0	0.06
06037103300	Los Angeles County	California	0	0.01	0.07
06037103400	Los Angeles County	California	0.02	0.01	0.16
06037104103	Los Angeles County	California	0.12	0	0.05
06037104105	Los Angeles County	California	0.04	0	0.11
06037104108	Los Angeles County	California	0.07	0	0.03
06037104124	Los Angeles County	California	0.12	0	0.08
06037104201	Los Angeles County	California	0.09	0.01	0
06037104203	Los Angeles County	California	0.08	0	0.01
06037104204	Los Angeles County	California	0.03	0	0.06
06037104310	Los Angeles County	California	0.01	0	0
06037104320	Los Angeles County	California	0.04	0	0.01
06037104401	Los Angeles County	California	0	0	0.01
06037104403	Los Angeles County	California	0	0	0.04
06037104404	Los Angeles County	California	0.02	0	0.02
06037104500	Los Angeles County	California	0	0	0
06037104610	Los Angeles County	California	0	0	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.



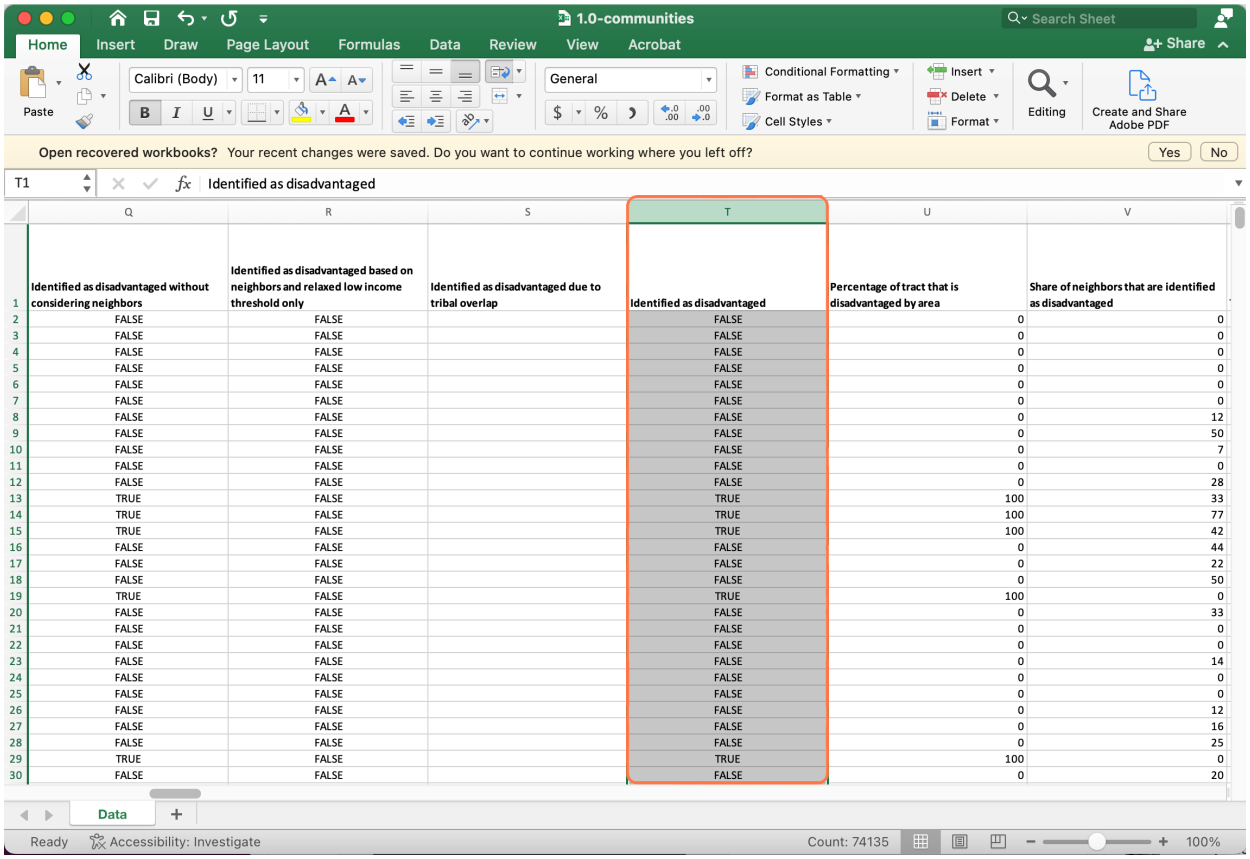
1.0-communities

Identified as disadvantaged

	AQ	AR	AS	AT	AU	AV
1	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 is low income?	Energy burden (percentile)	Energy burden	Greater than or equal to the 90th percentile for PM2.5 exposure and is low income?
2	FALSE	FALSE	FALSE	49	2	FALSE
3	FALSE	FALSE	FALSE	6	1	FALSE
4	FALSE	FALSE	FALSE	68	3	FALSE
5	FALSE	FALSE	FALSE	63	3	FALSE
6	FALSE	FALSE	FALSE	38	2	FALSE
7	FALSE	FALSE	FALSE	57	3	FALSE
8	FALSE	FALSE	FALSE	72	3	FALSE
9	FALSE	FALSE	FALSE	46	2	FALSE
10	FALSE	FALSE	FALSE	54	3	FALSE
11	FALSE	FALSE	FALSE	44	2	FALSE
12	FALSE	FALSE	FALSE	87	5	FALSE
13	FALSE	FALSE	TRUE	97	7	FALSE
14	FALSE	FALSE	FALSE	77	4	FALSE
15	FALSE	FALSE	FALSE	59	3	FALSE
16	FALSE	FALSE	FALSE	38	2	FALSE
17	FALSE	FALSE	FALSE	59	3	FALSE
18	TRUE	FALSE	FALSE	54	3	FALSE
19	TRUE	TRUE	TRUE	90	5	FALSE
20	FALSE	FALSE	FALSE	27	2	FALSE
21	FALSE	FALSE	FALSE	12	1	FALSE
22	FALSE	FALSE	FALSE	32	2	FALSE
23	FALSE	FALSE	FALSE	44	2	FALSE
24	FALSE	FALSE	FALSE	32	2	FALSE
25	FALSE	FALSE	FALSE	44	2	FALSE
26	FALSE	FALSE	FALSE	49	2	FALSE
27	FALSE	FALSE	FALSE	44	2	FALSE
28	FALSE	FALSE	FALSE	54	3	FALSE
29	FALSE	FALSE	FALSE	66	3	FALSE
30	FALSE	FALSE	FALSE	27	2	FALSE

*Boolean = algebraic function to determine true or false

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.

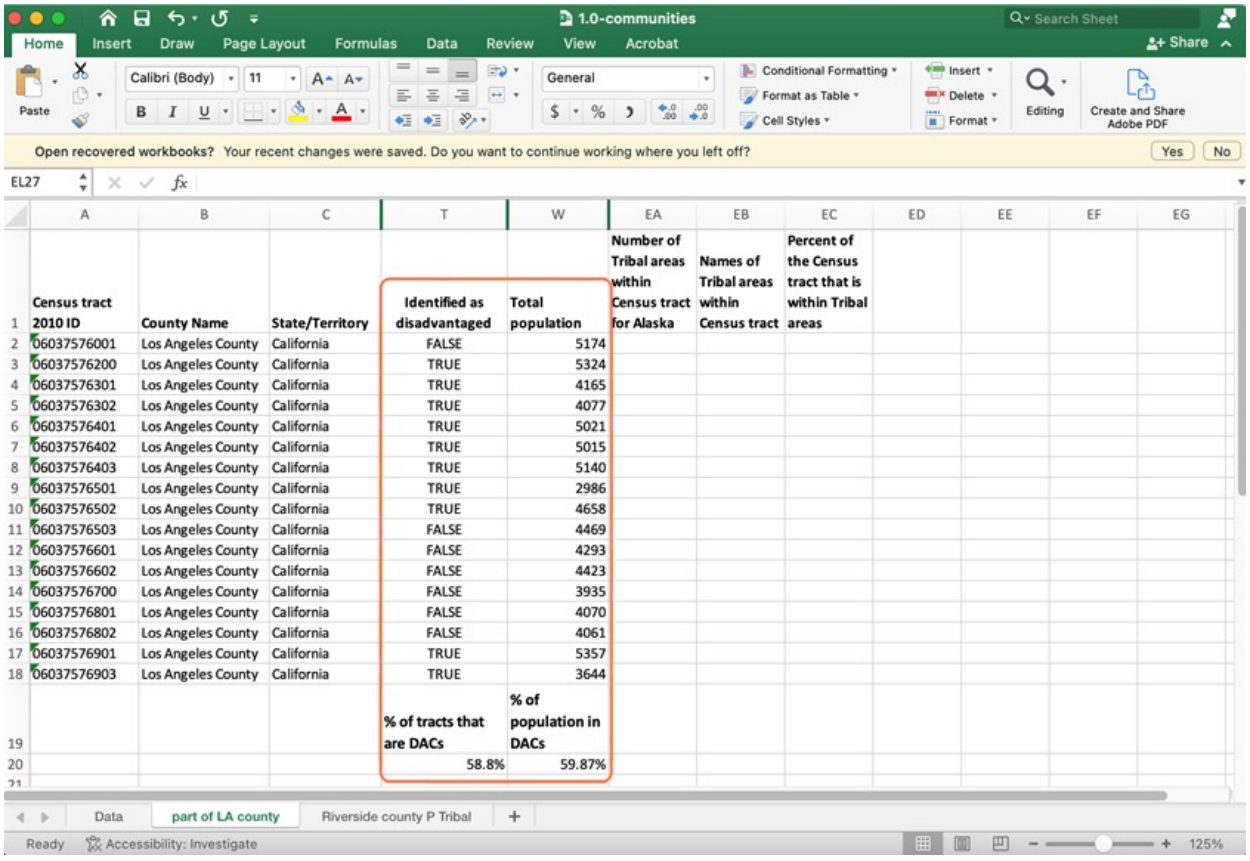


1.0-communities

Identified as disadvantaged

	Q	R	S	T	U	V
1	Identified as disadvantaged without considering 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	0
3	FALSE	FALSE		FALSE	0	0
4	FALSE	FALSE		FALSE	0	0
5	FALSE	FALSE		FALSE	0	0
6	FALSE	FALSE		FALSE	0	0
7	FALSE	FALSE		FALSE	0	0
8	FALSE	FALSE		FALSE	0	12
9	FALSE	FALSE		FALSE	0	50
10	FALSE	FALSE		FALSE	0	7
11	FALSE	FALSE		FALSE	0	0
12	FALSE	FALSE		FALSE	0	28
13	TRUE	FALSE		TRUE	100	33
14	TRUE	FALSE		TRUE	100	77
15	TRUE	FALSE		TRUE	100	42
16	FALSE	FALSE		FALSE	0	44
17	FALSE	FALSE		FALSE	0	22
18	FALSE	FALSE		FALSE	0	50
19	TRUE	FALSE		TRUE	100	0
20	FALSE	FALSE		FALSE	0	33
21	FALSE	FALSE		FALSE	0	0
22	FALSE	FALSE		FALSE	0	0
23	FALSE	FALSE		FALSE	0	14
24	FALSE	FALSE		FALSE	0	0
25	FALSE	FALSE		FALSE	0	0
26	FALSE	FALSE		FALSE	0	12
27	FALSE	FALSE		FALSE	0	16
28	FALSE	FALSE		FALSE	0	25
29	TRUE	FALSE		TRUE	100	0
30	FALSE	FALSE		FALSE	0	20

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.



1.0-communities

Open recovered workbooks? Your recent changes were saved. Do you want to continue working where you left off? Yes No

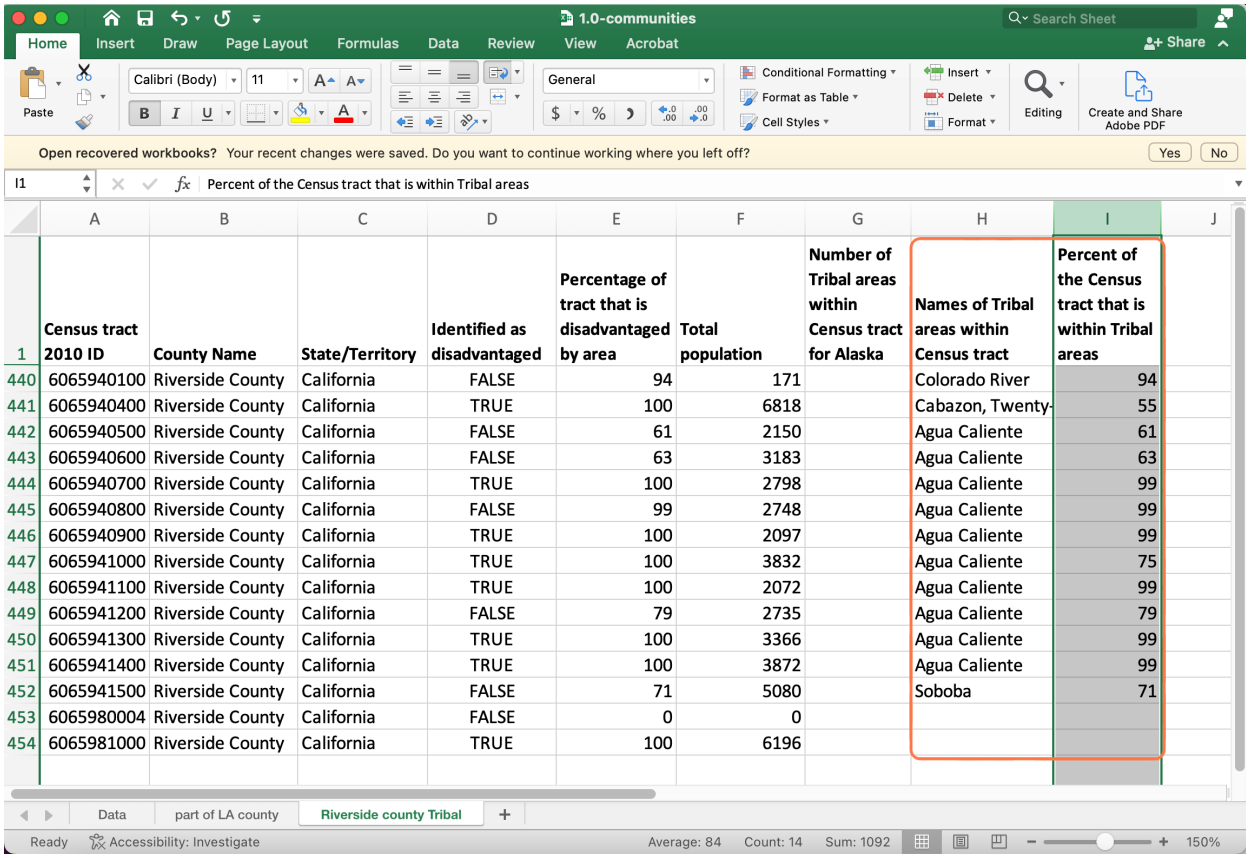
EL27

	A	B	C	T	W	EA	EB	EC
1	Census tract 2010 ID	County Name	State/Territory	Identified as disadvantaged	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
2	06037576001	Los Angeles County	California	FALSE	5174			
3	06037576200	Los Angeles County	California	TRUE	5324			
4	06037576301	Los Angeles County	California	TRUE	4165			
5	06037576302	Los Angeles County	California	TRUE	4077			
6	06037576401	Los Angeles County	California	TRUE	5021			
7	06037576402	Los Angeles County	California	TRUE	5015			
8	06037576403	Los Angeles County	California	TRUE	5140			
9	06037576501	Los Angeles County	California	TRUE	2986			
10	06037576502	Los Angeles County	California	TRUE	4658			
11	06037576503	Los Angeles County	California	FALSE	4469			
12	06037576601	Los Angeles County	California	FALSE	4293			
13	06037576602	Los Angeles County	California	FALSE	4423			
14	06037576700	Los Angeles County	California	FALSE	3935			
15	06037576801	Los Angeles County	California	FALSE	4070			
16	06037576802	Los Angeles County	California	FALSE	4061			
17	06037576901	Los Angeles County	California	TRUE	5357			
18	06037576903	Los Angeles County	California	TRUE	3644			
19				% of tracts that are DACs	% of population in DACs			
20				58.8%	59.87%			

Data | part of LA county | Riverside county P Tribal

Ready Accessibility: Investigate 125%

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



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			

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 https://screeningtool.geoplatform.gov/.
For questions related to the CEJST and the data, email Screeningtool-Support@omb.eop.gov.