

The Census “Low Response Score” and the new “Response Outreach Area Mapper” (ROAM)

Formerly known as the Low Response Score (LRS) Application



1:45 p.m.

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Presented by: Rebecca Briscoe, PS

U.S. Census Bureau-Denver Region

The Census “Low Response Score” and the new “Response Outreach Area Mapper” (ROAM)

Formerly known as the Low Response Score (LRS) Application

Log on now:

www.census.gov/roam

General Purpose of ROAM

The application formerly known as the “Low Response Score Application” or “LRS App” has been rebranded as ROAM, “Response Outreach Area Mapper.”

What is ROAM?

ROAM is an interactive web mapping application that allows users to access a subset of data available in the Census Bureau’s Planning Database (PDB). The intent is to use this tool to 1) plan outreach, marketing, and promotional efforts, as well as 2) aide in the planning of recruitment activities and staffing.

How does ROAM work?

Users visualize areas by predicted mail non-response rates to determine the location of harder to count areas. Socioeconomic and demographic characteristics provided by the American Community Survey (ACS) are available with a mouse click for users to learn more about an area.

What is the benefit of using ROAM?

Hard-to-survey areas—those with *high* Low Response Scores—are hard-to-survey for different reasons. Learning about each hard-to-survey area allows the Census Bureau to create a tailored communication and partnership campaign, and to plan for field resources including hiring staff with language skills.

Census Bureau Planning Database

Available online: https://www.census.gov/research/data/planning_database

Where does ROAM data derive?

Data from ROAM comes from 2010 mail response rates and the Planning Database (PDB), which relies on a range of housing, demographic and social estimates from 2010-2014 ACS data. This summer, that data will be updated to 2012-2016 ACS data.

How is the data used?

ROAM can be used in many ways, including the following:

- Identifying areas where special outreach and promotion efforts could be considered.
- Linking spatial map data files to create thematic maps.
- Generating reports, cross tabulations, and simple analyses.
- Planning recruitment activities.

The Low Response Score (LRS)

What is the Low Response Score (LRS)?

Roam uses a metric called the LRS – or more simply, predicted mail non-response rate. With this score, users can look at a map of census tracts shaded by their LRS score to help reveal why an area may be harder to count. For example, a census tract with a 52.6% LRS means 52.6% of the residents in this tract are NOT LIKELY to self-respond to their census form in 2020.

How is the LRS determined?

The LRS score itself is based on both 2010 mail-back response rates in a given tract, but also “hard-to-count” variables identified by the Planning Database such as children ages 5-under, youth ages 18-24, those that don’t speak English very well, immigrants, renters, those without a high school education, and those living in higher poverty.

Limitations of ROAM

High Margins of Error

1. ACS data **does not** represent precise counts of population subgroups, but rather give a general sense of how socioeconomic indicators vary across the country – **they are estimates only!**
2. In many cases, ACS margins of error can be quite large - at times exceeding the estimate.
3. When you pull tract data from ROAM, keep the margin of error in mind. ROAM allows you to get a “general sense” of a tract, and should not be misconstrued that the numbers are exact!

Limitations of ROAM - *continued*

The Low Response Score (LRS) may not be calculated

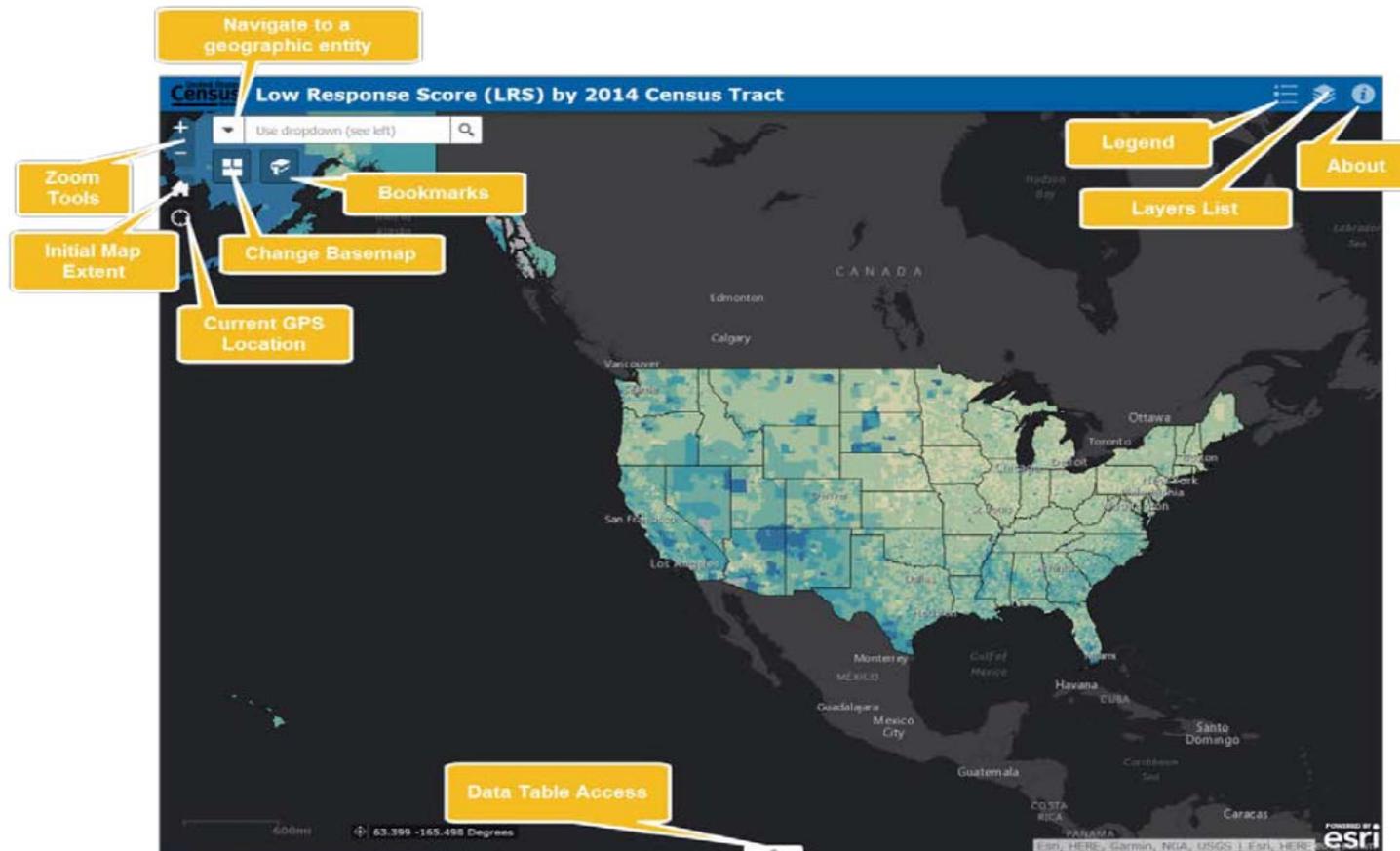
Reasons that an LRS is not calculated for a census tract can include:

1. A census tract contains zero housing units.
2. A census tract falls below a minimum threshold for qualifying addresses in the 2010 Census mail-back areas.
3. A census tract experienced a geographic boundary change between its 2010 Census geography and 2014 geography for which the 2010-2014 ACS 5-year estimates are based making it non-comparable.

In ROAM, a census tract will receive a “no” data value (gray area) if the LRS was not calculated.

Application Interface Overview

The screenshot below identifies the different buttons and features of the application including a brief description of each below

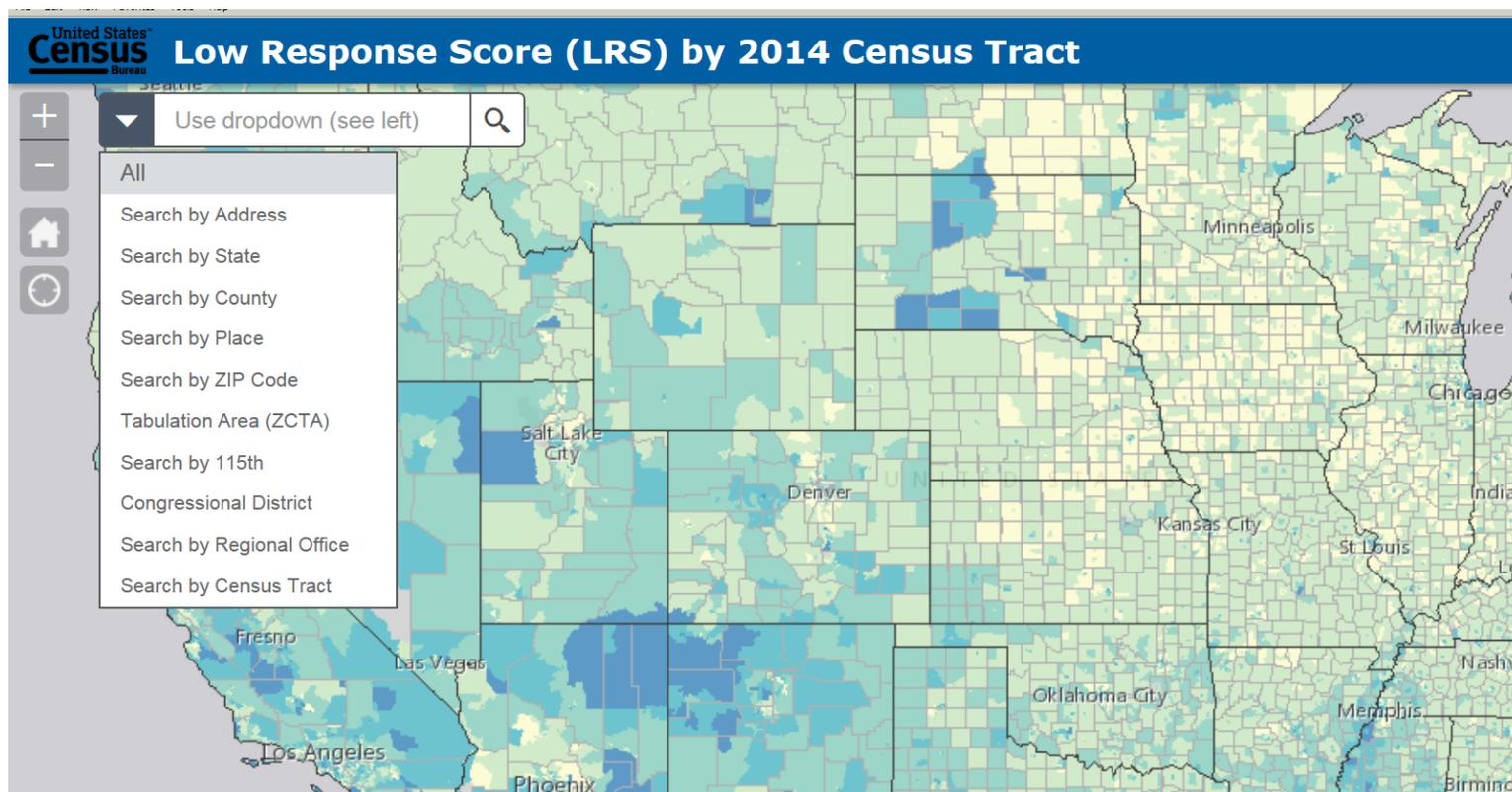


Interface Overview

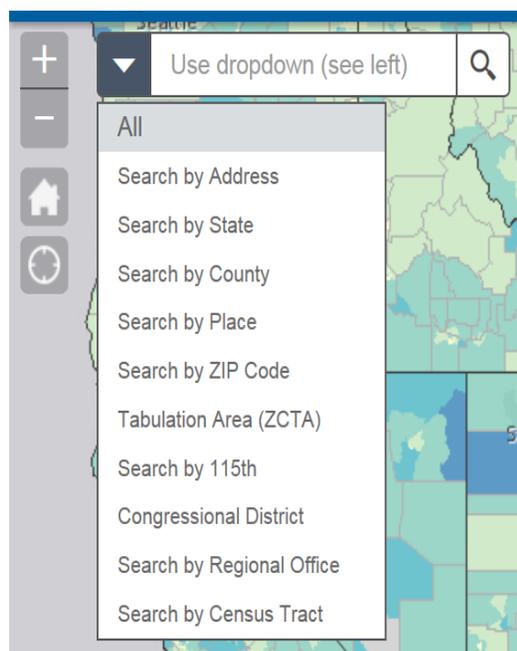
- Navigate to a geographic entity
- Change Basemap
- Bookmarks
- Legend
- Layers List
- Pop-Up Overview
- Low Response Score
- Data Table Access
- Data Table Sort
- Data Table Filter
- Adding a filter expression
- Adding a filter expression set
- Download

Navigate to a Geographic Entity

Allows you to search for a particular geographic entity to zoom to:



Navigate to a geographic entity - continued

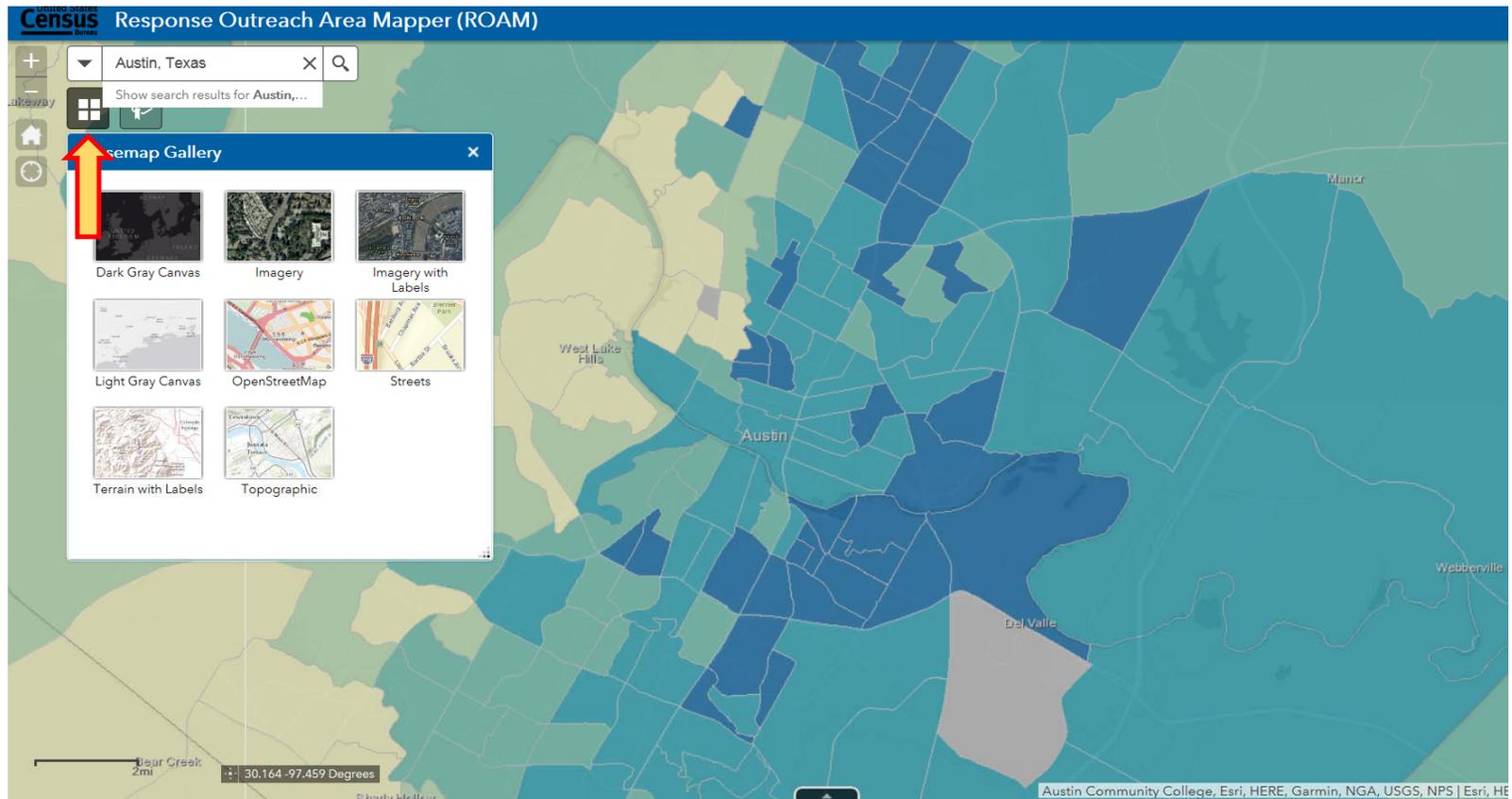


- **Address** – type in any street address
- **State** – type in the name of a state
- **County** – type in the name of a county (e.g., Montgomery County, MD)
- **Place** – type in the name of a place (e.g., Plano, TX)
- **ZIP Code Tabulation Areas** – type in the five-digit ZIP Code (e.g., 20746)
- **115th Congressional District** – type in the GEOID (geographic identifier) of a congressional district. This is the state FIPS (federal information processing standard) code and congressional district code (e.g., *Maryland (24) + Congressional District (4) = 2404*)

Link for FIPS codes: <https://census.missouri.edu/geocodes/?state>

- **Regional Office** – type in the name of a regional office (e.g., Philadelphia Regional Office (RO))
- **Census tract** – type in the GEOID of a census tract which is the state FIPS code + county FIPS code + census tract code concatenated together (e.g., 08041006600)

Changing Basemap



Changing Basemap - *continued*

The screenshot displays the Census Response Outreach Area Mapper (ROAM) interface. The main map shows a street view of Austin, Texas, with various road labels like Loop 1, Loop 360, and US 183. A search bar at the top left contains "Austin, Texas".

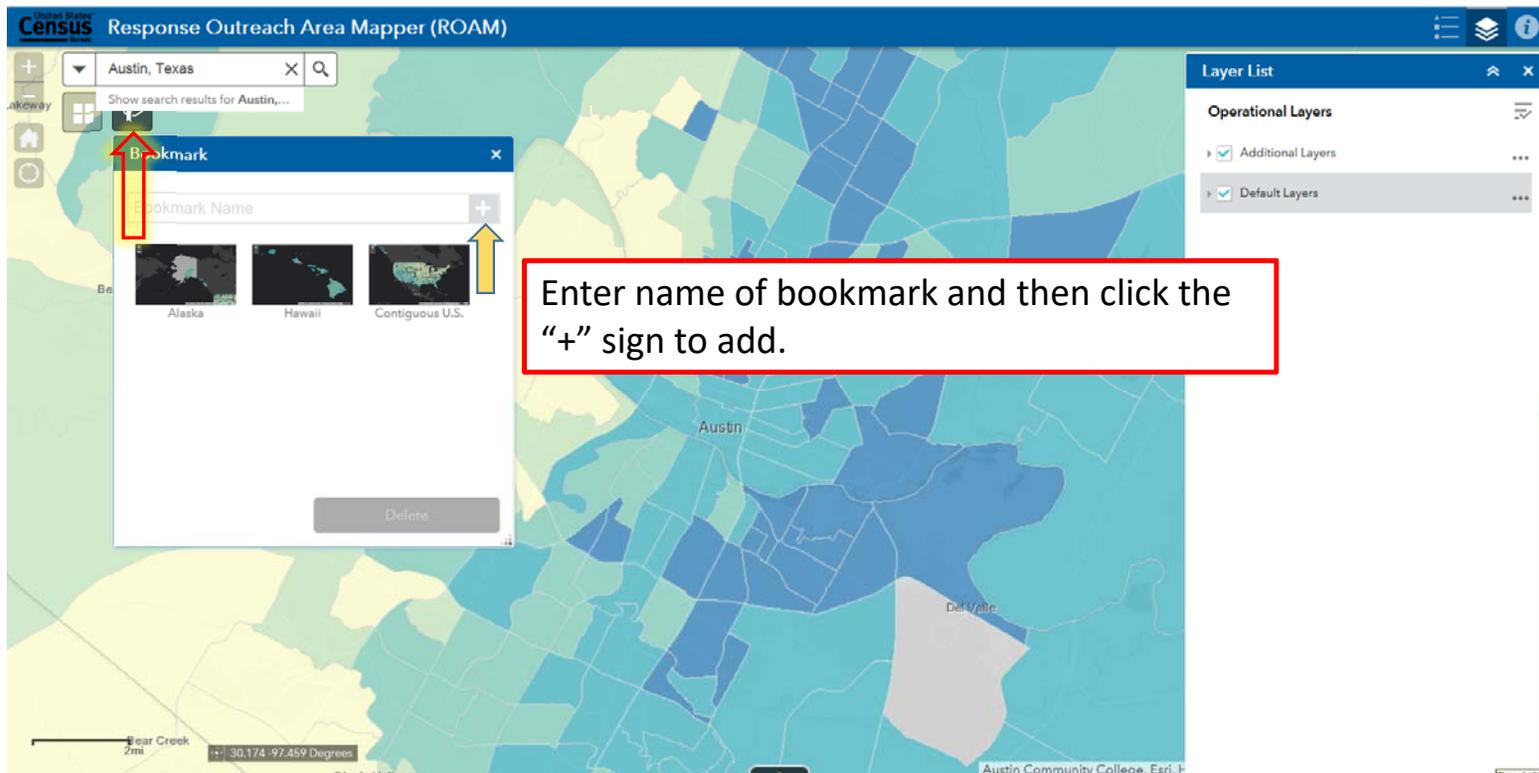
Two panels are overlaid on the map:

- Basemap Gallery:** A panel on the left side of the map showing six basemap options: Dark Gray Canvas, Imagery, Imagery with Labels, Light Gray Canvas, OpenStreetMap, and Streets. A red arrow points to the "Topographic" option, which is partially visible below the "OpenStreetMap" option.
- Layer List:** A panel on the right side of the map showing "Operational Layers". It has two sections: "Additional Layers" (checked) and "Default Layers" (unchecked). A yellow arrow points to the "Default Layers" section.

A yellow box with a black border contains the following text:

Note* You must remove default layers to see these dark, rich, contrasting images.

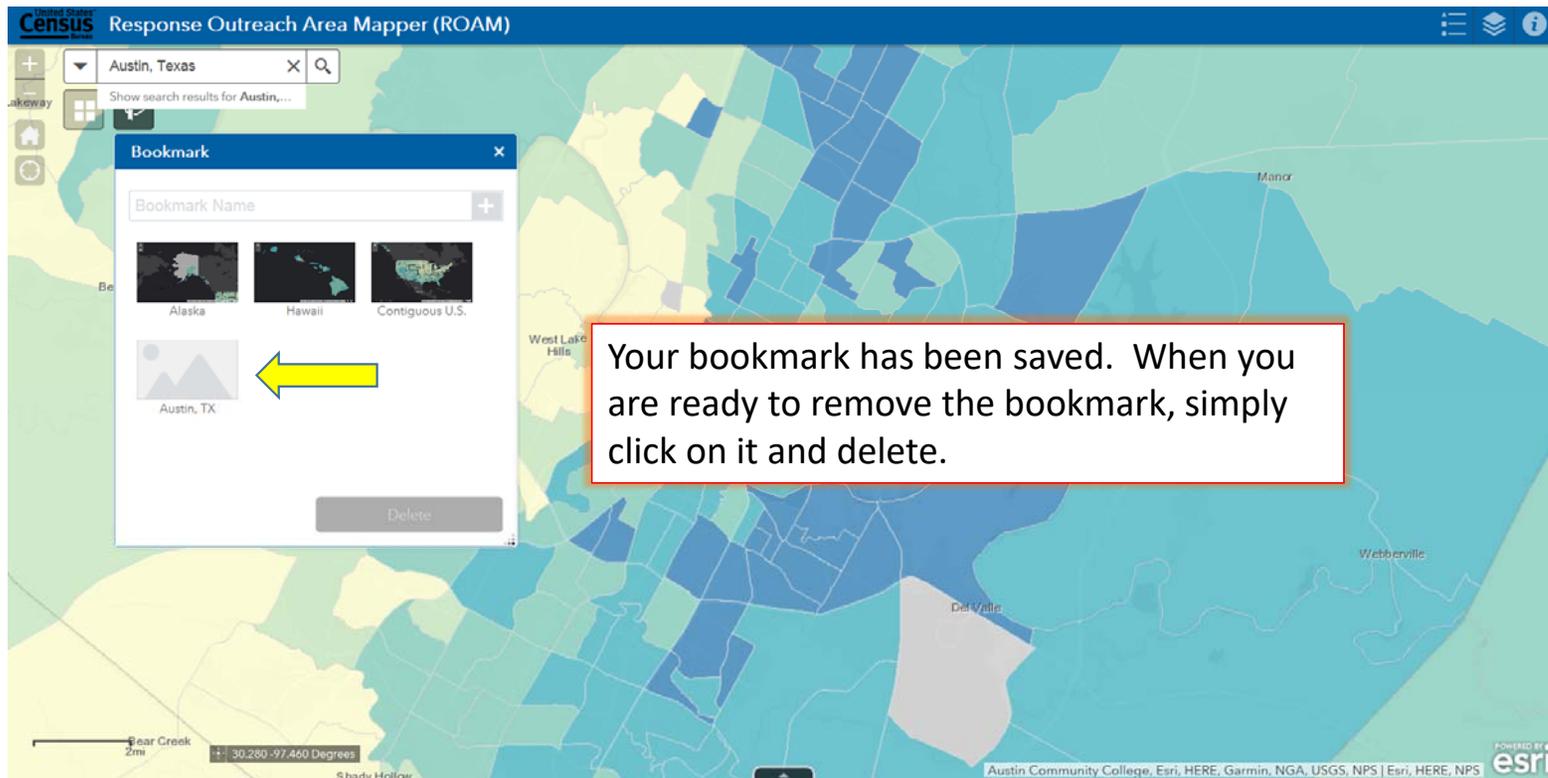
Adding and Deleting Bookmarks



The screenshot displays the Census Response Outreach Area Mapper (ROAM) interface. The main map shows a geographic area with various colored regions. A search bar at the top left contains "Austin, Texas". A "Bookmark" dialog box is open, featuring a "Bookmark Name" input field and a "+" button. Below the input field are three map thumbnails labeled "Alaska", "Hawaii", and "Contiguous U.S.". A "Delete" button is located at the bottom of the dialog box. A red box highlights the "+" button, and a yellow arrow points to it. A text box with a red border contains the instruction: "Enter name of bookmark and then click the '+' sign to add." The "Layer List" panel on the right shows "Operational Layers" with "Additional Layers" and "Default Layers" checked.

Enter name of bookmark and then click the "+" sign to add.

Adding and Deleting Bookmarks - *continued*



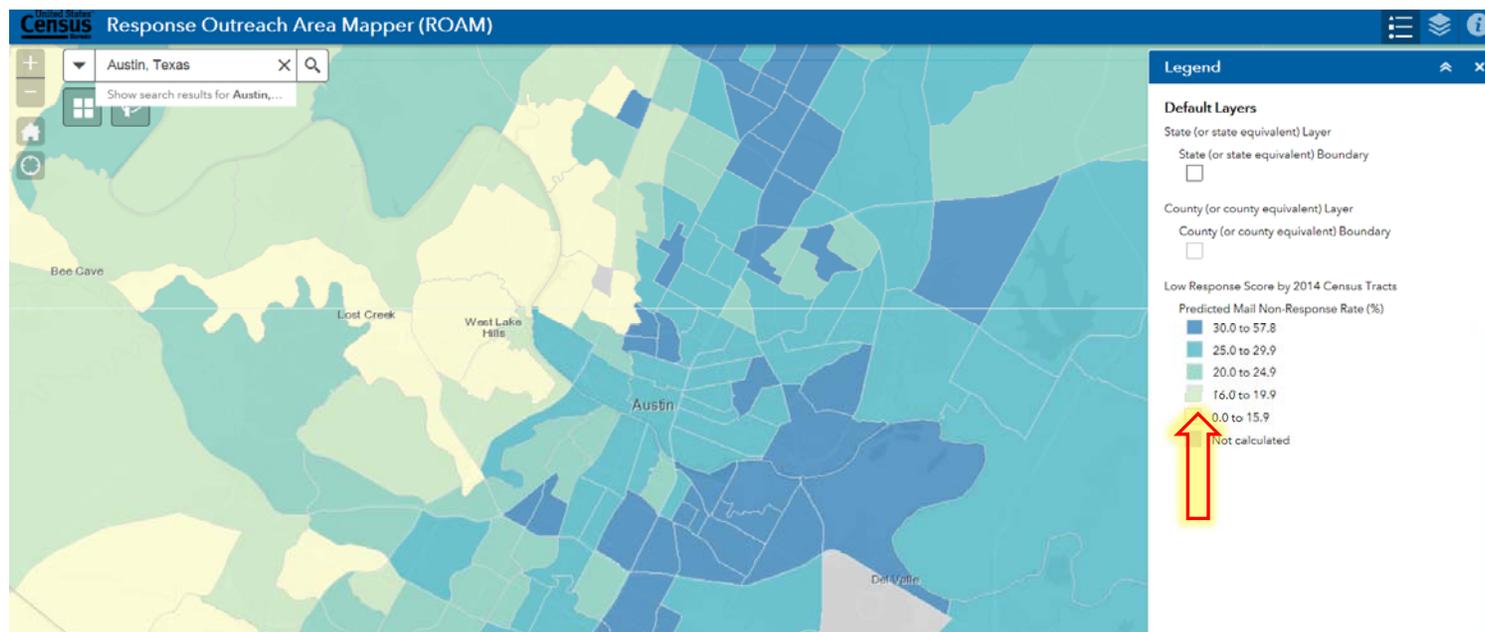
The screenshot displays the 'Response Outreach Area Mapper (ROAM)' interface. At the top, the title bar reads 'Census Response Outreach Area Mapper (ROAM)'. Below the title bar, there is a search bar containing 'Austin, Texas' and a search icon. A 'Bookmark' dialog box is open, showing a 'Bookmark Name' field and three map thumbnails: 'Alaska', 'Hawaii', and 'Contiguous U.S.'. Below these, there is a thumbnail for 'Austin, TX' with a yellow arrow pointing to it. A 'Delete' button is visible at the bottom of the dialog box. A text box with a red border is overlaid on the map, containing the text: 'Your bookmark has been saved. When you are ready to remove the bookmark, simply click on it and delete.' The map background shows a geographic area with various colored regions and labels like 'Manor', 'West Lake Hills', 'Del Valle', and 'Webberville'. The bottom of the interface includes a scale bar, coordinates, and the Esri logo.

Using the Legend



United States **Census** Bureau **Low Response Score (LRS) by 2014 Census Tract** [Legend Icon] [Layers Icon] [Info Icon]

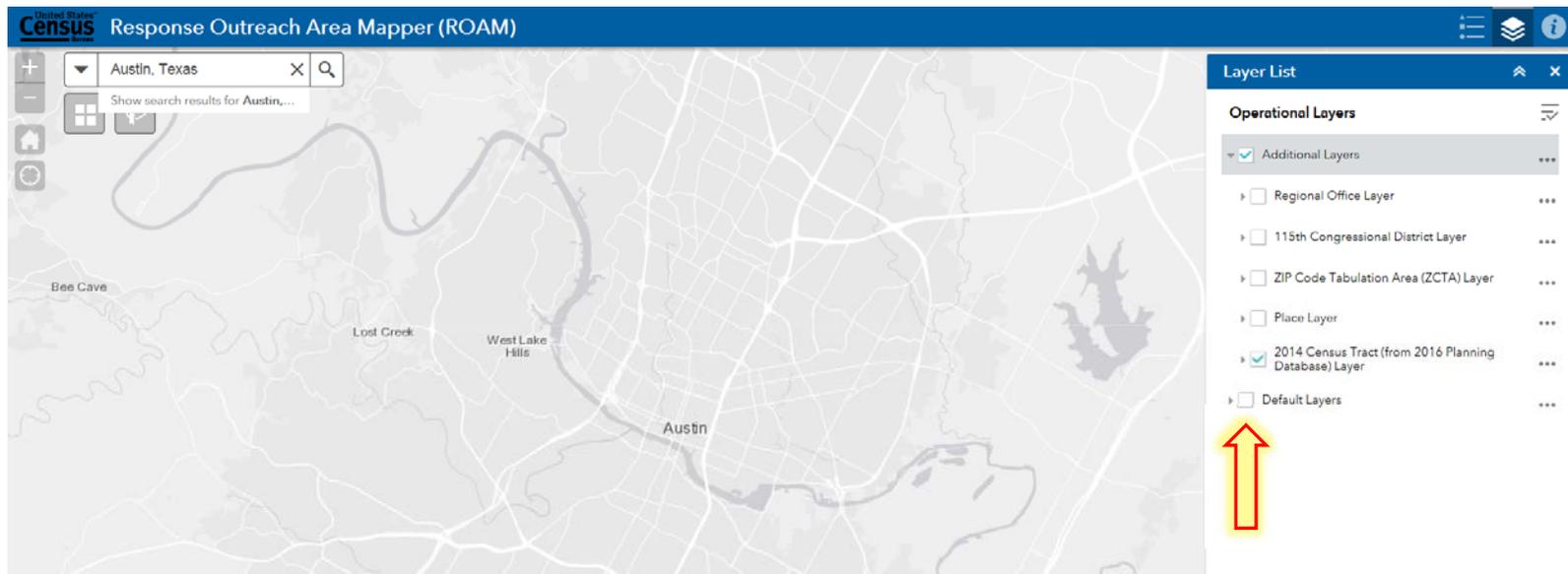
The Legend defines the geographic boundaries included in the map by name and symbol as well as the Low Response Score classification. The layers visible in the Legend reflect the layers currently visible on the map.



Adding or Removing Layers



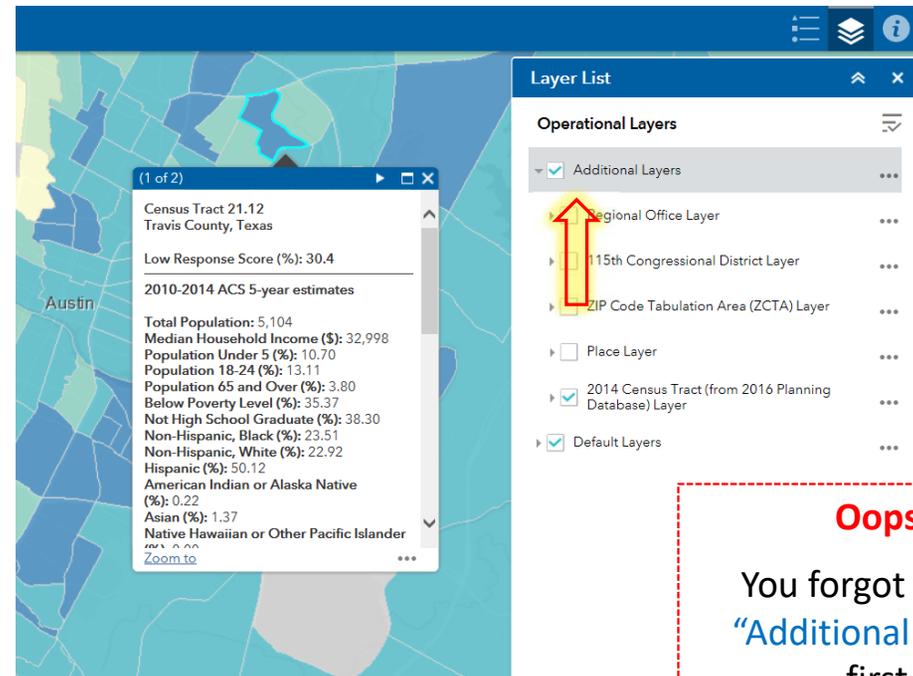
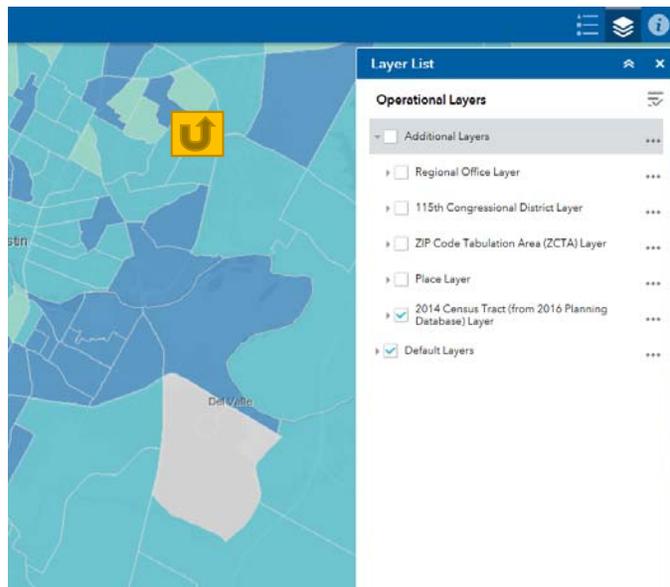
Layers list allows you to turn on/off spatial layers.



Troubleshooting with Layers

HELP!

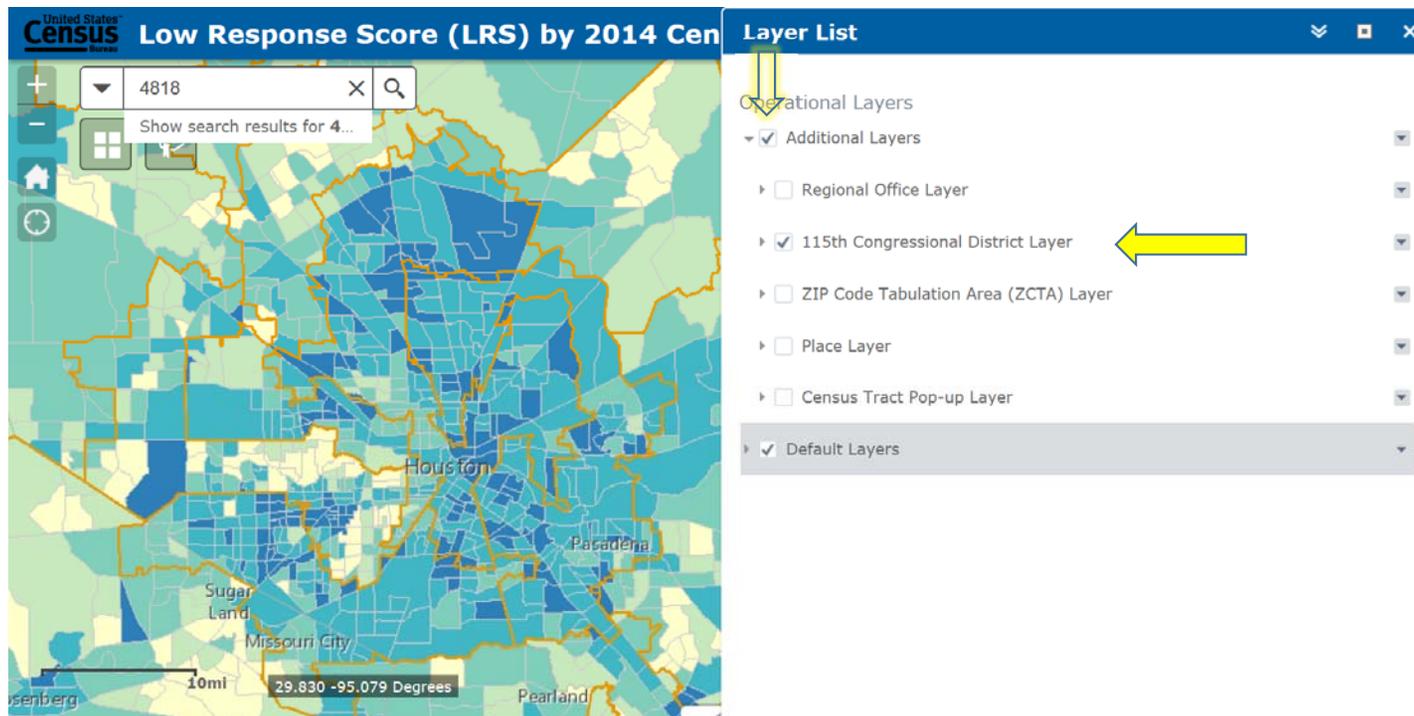
“I’m clicking a census tract but no census tract information appears . . .”



Oops!
You forgot to click
“Additional Layers”
first!

Troubleshooting with Layers

“I need to print a Congressional area with the low response census tracts included, but the Congressional lines are not very visible . . . **HELP!**”

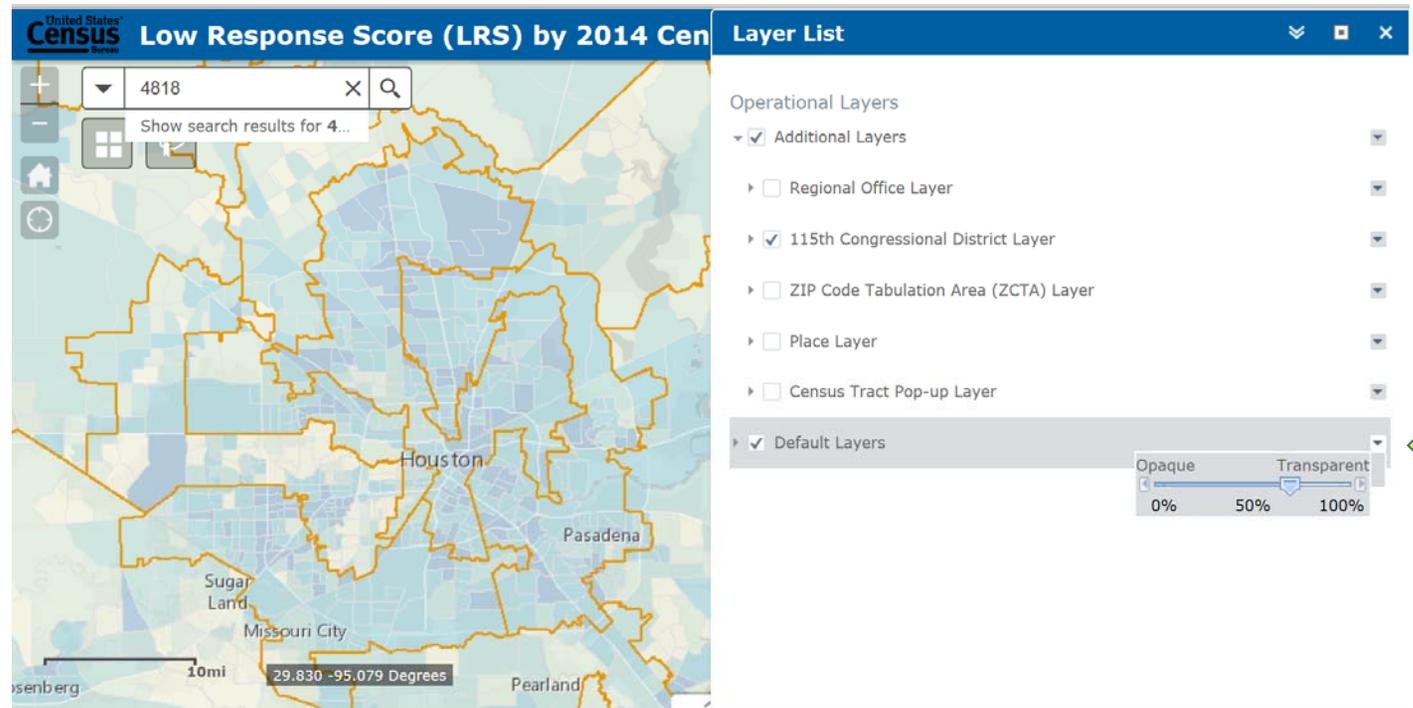


Troubleshooting with Layers

You can adjust the **Transparency**!

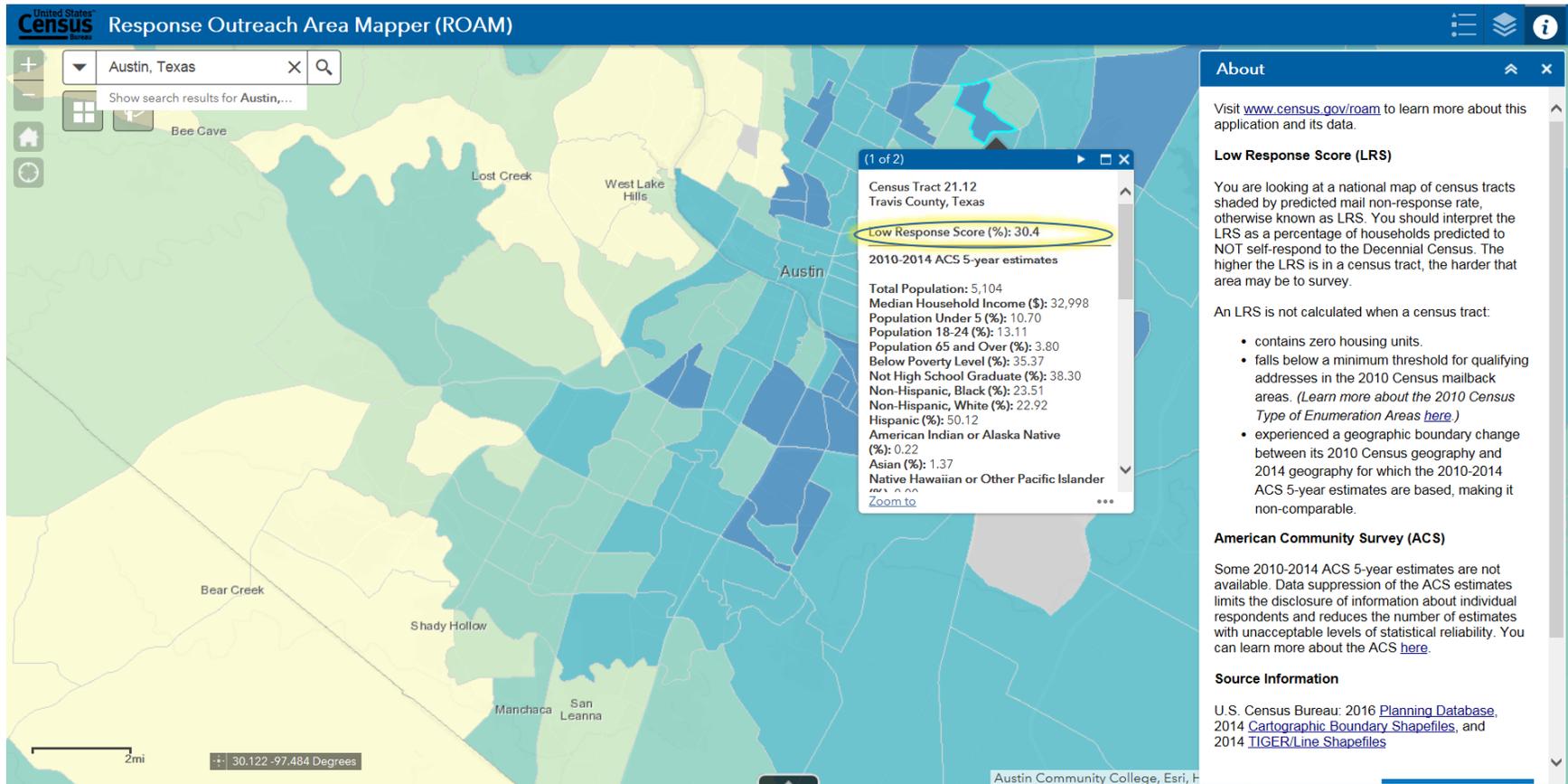


You can adjust the **Transparency**!



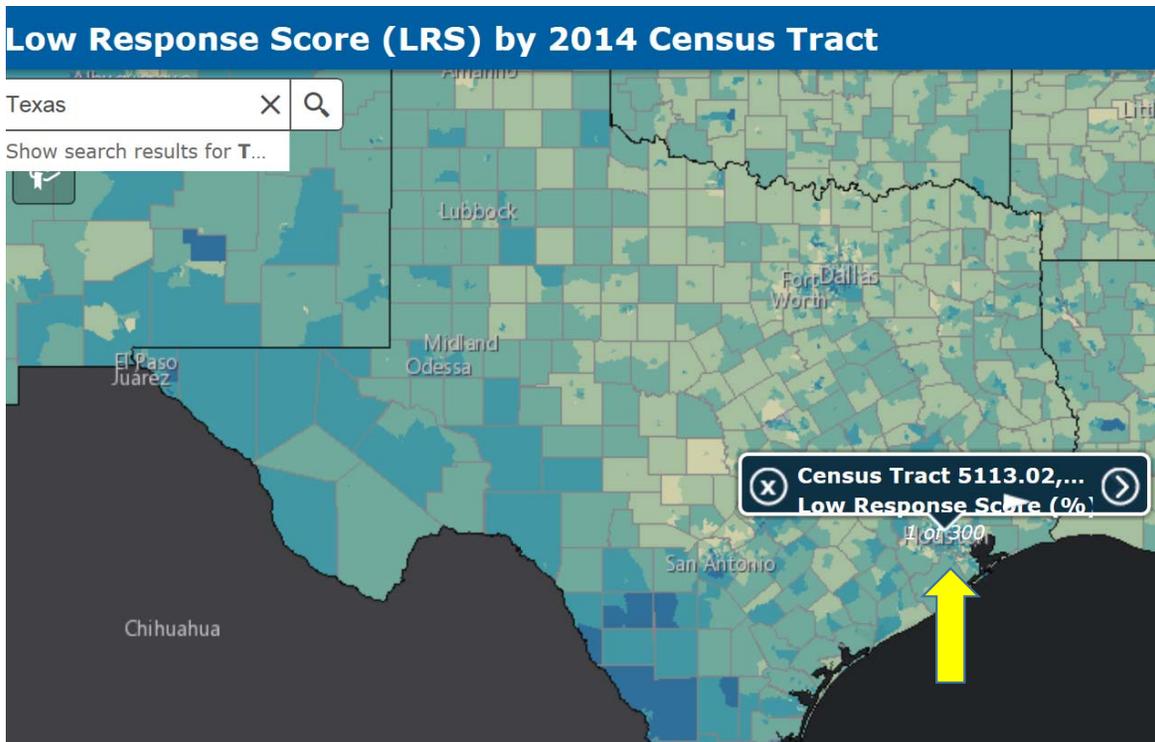
The screenshot displays a web application interface for the United States Census. The main map area shows a geographic region around Houston, Texas, with various colored overlays representing different data layers. The search bar at the top left contains the number '4818'. On the right side, a 'Layer List' panel is open, showing a hierarchy of layers. Under the 'Default Layers' section, a transparency slider is visible, ranging from 'Opaque' (0%) to 'Transparent' (100%), with a blue arrow indicating the current setting is at approximately 50%. A yellow arrow points to this slider.

Tract Data: The Low Response Score



Tract Data: Pop-up overview - continued

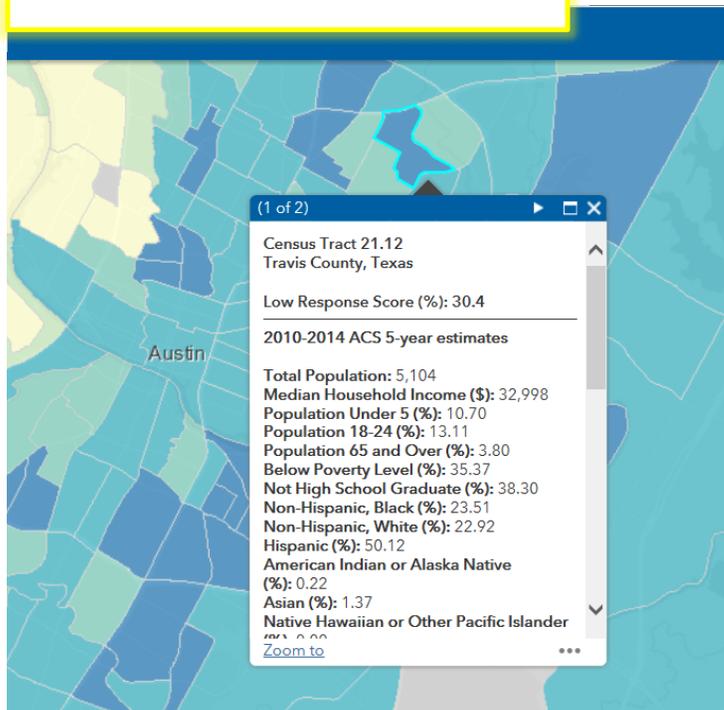
When you click on a census tract you are not zoomed into, the application may indicate that several census tracts were selected. If you would like to click a specific census tract, zoom in further to that area before clicking on it.



Notice, if you try to click on a tract from the State view, the pop-up will select hundreds of tracts.

Tract Data: Pop-up overview - *continued*

Zoom into a specific area and then click on a single tract.



Census Tract 21.12
Travis County, Texas

Low Response Score (%): 30.4

2010-2014 ACS 5-year estimates

Total Population: 5,104

Median Household Income (\$): 32,998

Population Under 5 (%): 10.70

Population 18-24 (%): 13.11

Population 65 and Over (%): 3.80

Below Poverty Level (%): 35.37

Not High School Graduate (%): 38.30

Non-Hispanic, Black (%): 23.51

Non-Hispanic, White (%): 22.92

Hispanic (%): 50.12

American Indian or Alaska Native (%): 0.22

Asian (%): 1.37

Native Hawaiian or Other Pacific Islander (%): 0.00

Some Other Race (%): 0.14

Foreign Born (%): 36.91

No One in Household Age 14+ Speaks English "Very Well" (%): 18.64

Population 5+ Who Speak English Less Than "Very Well" and Speak Spanish (%): 27.64

Population 5+ Who Speak English Less Than "Very Well" and Speak Russian (%): 0.00

Population 5+ Who Speak English Less Than "Very Well" and Speak Chinese (%): 0.00

Population 5+ Who Speak English Less Than "Very Well" and Speak Korean (%): 0.18

Population 5+ Who Speak English Less Than "Very Well" and Speak Vietnamese (%): 0.00

Population 5+ Who Speak English Less Than "Very Well" and Speak Tagalog (%): 0.00

Population 5+ Who Speak English Less Than "Very Well" and Speak Arabic (%): 2.04

Total Housing Units: 1,920

Total Occupied Housing Units: 1,717

Renter Occupied Housing Units (%): 60.86

Family Occupied Housing Units with Related Children Under 6 (%): 34.95

Population 1+ Who Moved From Another Residence Within the Last Year (%): 24.14

Vacant Housing Units (%): 10.57

Multi-Unit (10+) Housing (%): 29.84

Tract Data: Pop-up overview - *continued*

The pop-up indicates:

1. Census tract identifying information.
2. Low Response Score.
3. A list of ACS variables.



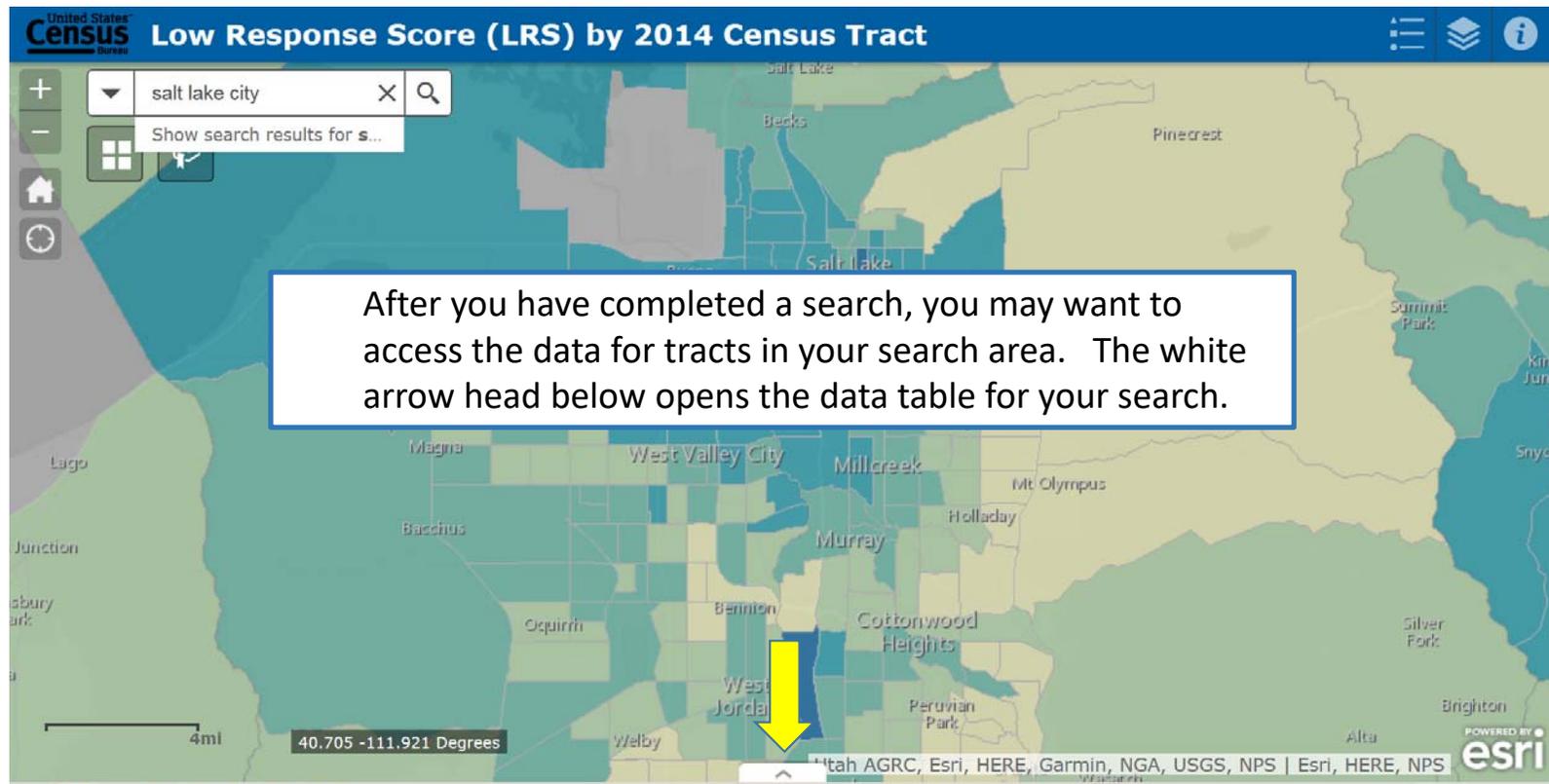
Census Tract 21.12
Travis County, Texas

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Not High School Graduate (%): 38.30
Non-Hispanic, Black (%): 23.51
Non-Hispanic, White (%): 22.92
Hispanic (%): 50.12
American Indian or Alaska Native (%): 0.22
Asian (%): 1.37
Native Hawaiian or Other Pacific Islander (%): 0.00
Some Other Race (%): 0.14
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Population 5+ Who Speak English Less Than "Very Well" and Speak Korean (%): 0.18
Population 5+ Who Speak English Less Than "Very Well" and Speak Vietnamese (%): 0.00
Population 5+ Who Speak English Less Than "Very Well" and Speak Tagalog (%): 0.00
Population 5+ Who Speak English Less Than "Very Well" and Speak Arabic (%): 2.04
Total Housing Units: 1,920
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Multi-Unit (10+) Housing (%): 29.84

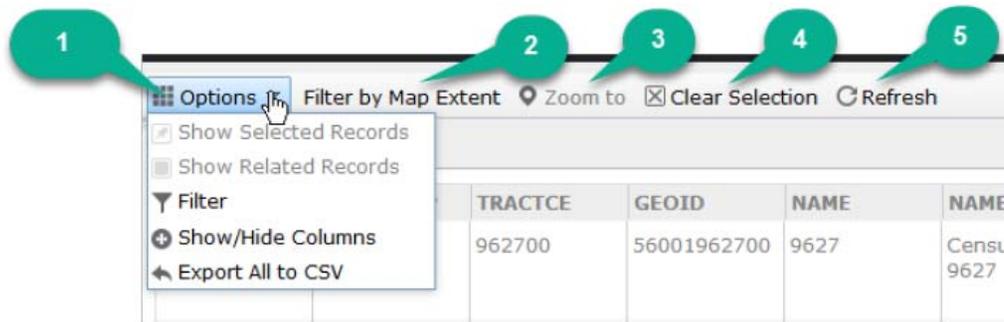
Accessing the Data Table



After you have completed a search, you may want to access the data for tracts in your search area. The white arrow head below opens the data table for your search.



Data Table Overview



1. Options Menu

- Shows Selected Records from your search
- Shows Related Records - **Not an available option**; it will always be grayed out
- Filter – use this to Filter/Query the Data Table
- Show/Hide Columns
- Export All to CSV (.csv is a simple file format used to store tabular data)

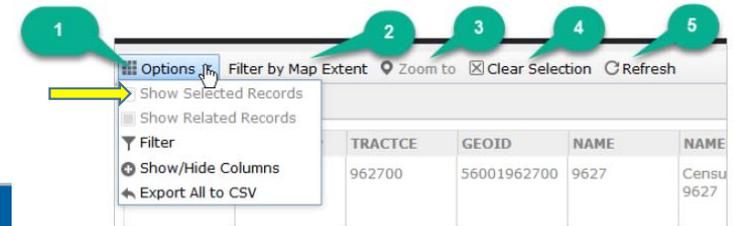
2. Filter by Map Extent – when clicked the Data Table will only contain records for selected census tracts. When off (as in this screenshot), the Data Table will include all census tract records in view.

3. Zoom to – Zoom to the selected census tract; can also double click on a record in the Data Table to zoom to a given area.

4. Clear Selection – deselect any selected records

5. Refresh – click if the Data Table becomes unresponsive

Data Table Overview: Show Selected Records



A screenshot of a web application titled 'United States Census Bureau Low Response Score (LRS) by 2014 Census Tract'. The interface includes a map of Salt Lake City with a search bar containing 'salt lake city'. Below the map is a data table with columns: STATEFP, COUNTYFP, TRACTCE, GEOID, NAME, NAME_SAD, FULLNAME, ALAND, AWATER, LRS, and Tot_Pop. The first row is highlighted in blue. A yellow arrow points to the 'Options' button in the top right corner of the data table. At the bottom left, it says '43 features 1 selected'.

STATEFP	COUNTYFP	TRACTCE	GEOID	NAME	NAME_SAD	FULLNAME	ALAND	AWATER	LRS	Tot_Pop
49	035	111500	49035111500	1115	Census Tract 1115	Census Tract 1115, Salt Lake County, UT	7,533,664	0	29.33330842	1,687
49	035	102100	49035102100	1021	Census Tract 1021	Census Tract 1021, Salt Lake County, UT	466,832	0	31.04535971	1,305

Options Menu

Selecting a record – You can select one or more records by clicking on the data table; to select more than one record, press ctrl while clicking on additional records.

Clear Selection – deselects any selected records

Refresh – click if the Data Table becomes unresponsive

Data Table Overview: Adding a filter expression

Options Filter by Map Extent Zoom to Clear Selection Refresh

Show Selected Records

Show Related Records

Filter

Show/Hide Columns

Export All to CSV

TRACTCE	GEOID	NAME	NAME
962700	56001962700	9627	Censu 9627

United States Census

Low Response Score (LRS) by 2014 Census Tract

salt lake city

Show search results

4mi

Lago

Options Filter by Map Extent

Census Tract Pop-up

STATEFP	COUNTYFP
49	035
49	035

43 features 3 selected

OK Cancel

Filter

+ Add a filter expression + Add an expression set

LRS (Number) is greater than 24

Value Field Unique

Options Menu

Filter – use this to Filter/Query the Data Table

You can either **+ Add a filter expression** or **+ Add an expression set**

Data Table Overview: Adding a filter expression set

United States Census Bureau Low Response Score (LRS) by 2014 Census Tract

Options Filter by Map Extent Zoom to Clear Selection Refresh

Show Selected Records Show Related Records Filter Show/Hide Columns Export All to CSV

Filter

+ Add a filter expression + Add an expression set

All of the following expressions in this set are true

LRS (Number) is greater than 24

pct_Hispanic_ACS_10 is greater than 50

Options Menu

Filter – use this to Filter/Query the Data Table

You can either + Add a filter expression or + **Add an expression set**

OK Cancel

TRACTCE	GEOID	NAME	NAME
962700	56001962700	9627	Censu 9627

STATEFP	COUNTYFP
49	035
49	035

21 features 0 selected

Data Table Overview: Show/Hide Columns

1 2 3 4 5

Options Filter by Map Extent Zoom to Clear Selection Refresh

Show Selected Records
Show Related Records
Filter
Show/Hide Columns
Export All to CSV

TRACTCE	GEOID	NAME	NAME
962700	56001962700	9627	Censu 9627

United States Census Bureau

Low Response Score (LRS) by 2014 Census Tract

salt lake city

Show search results for s...

2mi

40.812 -111.921 Degrees

Utah AGRC, Esri, HERE, Garmin, NGA, USGS, NPS | Esri, HERE, NPS

POWERED BY esri

Options Menu
Show/Hide Columns

Options Filter by Map Extent Zoom to Clear Selection Refresh

Census Tract Pop-up

FULLNAME	ALAND	AWATER	LRS	Tot_Populatio	Med_HHD_Inc	pct_Pop_18_2	pct_Pop_65pli	pct_Hispa
Census Tract 1101.03, Salt Lake County, UT	255,203,079	388,272	14.97390794	3,764	121,964	5.605738576	16.631243358	7.67800212
Census Tract 1002, Salt Lake County, UT	23,922,583	0	20.75151343	1,303	112,417	13.046815042	13.353798926	8.97927858

- STATEFP
- COUNTYFP
- TRACTCE
- GEOID
- NAME
- NAMELSAD
- FULLNAME
- ALAND
- AWATER

Data Table Overview: Sort Columns

United States Census Bureau

Low Response Score (LRS) by 2014 Census Tract

Search: salt lake city

Map controls: +, -, Home, Refresh, 2mi, 40.812 -111.921 Degrees

Map labels: North Salt Lake, Bedcs

Map Attribution: Utah AGRC, Esri, HERE, Garm

Options: Filter by Map Extent, Zoom to, Clear Selection, Refresh

FULLNAME	ALAND	AWATER	LRS	Tot_Population	Med_HHD_Inc	pct_Pop_18_2	pct_Pop_65+
Census Tract 9800, Salt Lake County, UT	39,920,668	145,119	-1	0	-1	-1	-1
Census Tract 1002, Salt Lake County, UT	23,922,583	0	20.75151343	1,303	112,417	13.046815042	13.353798926

21 features 0 selected

Options

- Filter by Map Extent
- Zoom to
- Clear Selection
- Refresh
- Show Selected Records
- Show Related Records
- Filter
- Show/Hide Columns
- Export All to CSV

TRACTCE	GEOID	NAME	NAME
962700	56001962700	9627	Censu 9627

Sorting Columns

Click on **Headings** to sort from highest value to lowest or visa versa.

Data Table Overview: Export All to CSV

1 Options 2 Filter by Map Extent 3 Show Selected Records 4 Show/Hide Columns 5 Export All to CSV

United States Census Bureau Low Response Score (LRS) by 2014 Census Tract

Options Filter by Map Extent Zoom to Clear Selection Refresh

Export to CSV

Export data to CSV file?

OK Cancel

FULLNAME	ALAND	AWATER	LRS	Tot_Population	Med_Hi_Inc	pct_Pop_18_2	pct_Pop_65pl	pct_Hispanic	pct_NH_White	pct_NH
Census Tract 9800, Salt Lake County, UT	39,920,668	145,119	-1	0	-1	-1	-1	-1	-1	-1
Census Tract 1002, Salt Lake County, UT	23,922,583	0	20.75151343	1,303	112,417	13.046815042	13.353798926	8.9792785879	75.901765157	7.367613

21 features 0 selected

Data Table Overview: Export All to CSV

Options ▾ Filter by Map Extent 📍 Zoom to ☒ Clear Selection 🔄 Refresh

Census Tract Pop-up

FULLNAME	ALAND	AWATER	LRS	Tot_Population	Med_HHD_Inc	pct_Pop_18_2	pct_Pop_65pl	pct_H
Census Tract 9800, Salt Lake County, UT	39,920,668	145,119	-1	0	-1	-1	-1	-1
Census Tract 1002, Salt Lake County, UT	23,922,583	0	20.75151343	1,303	112,417	13.046815042	13.353798926	8.979

Do you want to save **Census Tract Pop-up.csv** (6.75 KB) from **storymaps.geo.census.gov**? Save ▾ Cancel ✕

Options Menu

Export All to CSV

Click Save

Then Click Open

The Census Tract Pop-up (48).csv download has completed. Open ▾ Open folder View downloads ✕

Data Table Overview: Export All to CSV

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
1	OBJECT	STATE	F	COUNT	TRACT	GEOID	NAME	NAME	FULLN/ALAND	AWATER	LRS	Tot_Po	Med_Hf	pct_Po	pct_Po	pct_His	pct_NH	pct_NH	pct_NH	pct_NH	pct_NH	pct_NH	pct_No	pct_Prs	pct_EN	pct_Rel	pct_Var
2	67039	49	35	110103	49035110103	1101	Census	Census	255203079	388272	14.97	3764	121964	5.606	16.63	7.678	89.77	0	0	2.55	0	2.448	4.942	1.274	9.935	14.32	
3	67045	49	35	100200	49035100200	1002	Census	Census	23922583	0	20.75	1303	112417	13.05	13.35	8.979	75.9	7.368	0	3.607	1.995	0	5.295	0	14.16	16.31	
4	67054	49	35	101400	49035101400	1014	Census	Census	11426893	0	28.44	4649	25038	51.58	3.85	7.378	67.18	0.925	1.097	22.03	0	1.269	42.23	13.23	43.01	6.756	
5	67057	49	35	101200	49035101200	1012	Census	Census	1739922	0	21.71	3871	48646	16.09	11.13	7.414	83.67	0	0	4.443	0	0.948	14.93	0.804	16.8	5.157	
6	67063	49	35	100100	49035100100	1001	Census	Census	3952051	0	28.58	1428	37750	10.15	8.123	27.1	67.16	0.49	1.05	1.961	0.42	11.49	14.85	1.07	34.5	22.94	
7	67064	49	35	100306	49035100306	1003	Census	Census	1799623	0	28.25	5240	34093	10.73	6.698	43.85	34.33	1.546	0.553	5.038	9.008	29.79	30.39	12.03	47.77	5.674	
8	67065	49	35	100500	49035100500	1005	Census	Census	1893695	0	24.7	5894	41475	11.57	11.23	40.72	46.81	6.057	0.424	5.158	0.594	32.02	24.11	7.316	32.17	9.987	
9	67066	49	35	100600	49035100600	1006	Census	Census	2947052	0	25.45	7579	41250	8.141	10.09	56.35	34.16	1.465	0.594	1.399	6.03	35.73	23.7	15.46	42.32	0	
10	67067	49	35	100700	49035100700	1007	Census	Census	1133056	0	25.4	2683	49278	12.3	9.281	7.492	81.51	4.324	0.522	4.398	0	7.918	18.17	5.216	14.71	15.22	
11	67069	49	35	101000	49035101000	1010	Census	Census	1384228	0	18.91	3131	75353	9.071	11.82	3.29	89.24	0.639	0	3.673	0	0.583	5.241	1.247	19.07	10.9	
12	67112	49	35	114700	49035114700	1147	Census	Census	12911262	1811	20.68	4952	44556	9.895	12.08	36.21	50.63	3.595	0.323	3.595	3.13	20.6	24.31	1.839	30.26	0.609	
13	67162	49	11	127002	49011127002	1270	Census	Census	13011204	173385	21.85	7346	61305	7.269	5.922	20.45	64.93	0.681	1.103	3.458	5.35	11.95	18.47	4.549	48.14	2.066	
14	67179	49	11	126404	49011126404	1264	Census	Census	13429241	8233	17.67	6418	103321	8.476	8.928	10.53	86.07	0	0	1.387	0.28	3.392	6.092	1.442	34.91	3.335	
15	67313	49	35	980000	49035980000	9800	Census	Census	39920668	145119	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
16	67314	49	35	113906	49035113906	1139	Census	Census	159606113	166624337	25.68	4266	35701	11.91	7.314	20.56	75.97	0.539	0	0.141	0	28.94	29.07	2.401	37.23	10.54	
17	67315	49	35	100308	49035100308	1003	Census	Census	1361176	0	29.37	4187	33851	13.71	3.797	48.6	28.66	11.97	0.263	3.033	4.657	27.48	30.14	19.12	38.92	2.67	
18	67362	49	11	126406	49011126406	1264	Census	Census	2072437	3200	19.13	4424	60000	8.002	11.1	14.29	80.67	0	0	1.04	0.769	4.401	9.855	1.849	20.06	0	
19	67363	49	11	126405	49011126405	1264	Census	Census	2543292	2123	11.55	3898	108942	8.235	11.54	6.285	89.94	0	0.693	2.027	0	5.132	3.008	0.75	24.89	3.264	
20	67379	49	35	114800	49035114800	1148	Census	Census	24455468	0	12.69	3597	197000	17.99	18.32	2.224	84.57	0.417	0	10.09	0	2.208	6.294	1.017	7.223	11.96	
21	67405	49	35	100307	49035100307	1003	Census	Census	1491194	0	24.87	5368	53628	8.439	2.906	42.53	27.59	10.38	2.589	7.34	7.34	30.93	23.4	22.32	35.93	0	
22	67606	49	11	126402	49011126402	1264	Census	Census	67083401	16863	12.6	3538	105493	8.14	10.68	11.19	86.07	0	0	2.148	0	0.799	6.783	0	22.1	6.543	

Data Table Overview: Export All to CSV

The screenshot displays the Microsoft Excel interface with a data table and a Sort dialog box. The data table has the following columns: FULLNAME, STCOUNAME, Low_Response_Score, Mail_Return_Rate_CEN_2010, and Tot_Pop. The Sort dialog box is open, showing the 'Sort by' dropdown set to 'Low_Response_Score', 'Sort On' set to 'Values', and 'Order' set to 'Largest to Smallest'. A yellow arrow points to the 'Sort & Filter' button in the ribbon, and another yellow arrow points to the 'Sort by' dropdown in the dialog box.

	A	B	C	D	E
1	FULLNAME	STCOUNAME	Low_Response_Score	Mail_Return_Rate_CEN_2010	Tot_Pop
2	Census Tract 23.16, Travis County, TX	Travis County, Texas	40	42.6	
3	Census Tract 23.17, Travis County, TX	Travis County, Texas	38.8	49.6	
4	Census Tract 23.04, Travis County, TX	Travis County, Texas	37.6	63.7	
5	Census Tract 24.19, Travis County, TX	Travis County, Texas	37.6	57.4	
6	Census Tract 6.01, Travis County, TX	Travis County, Texas	36.8	62.7	
7	Census Tract 23.14, Travis County, TX	Travis County, Texas	36.8	58	
8	Census Tract 23.15, Travis County, TX	Travis County, Texas	35.6	52.1	
9	Census Tract 6.03, Travis County, TX	Travis County, Texas	35	65.3	
10	Census Tract 6.04, Travis County, TX	Travis County, Texas	35	63	
11	Census Tract 22.02, Travis County, TX	Travis County, Texas	33.8	67.8	
12	Census Tract 23.18, Travis County, TX	Travis County, Texas	33.7	58.9	
13	Census Tract 24.13, Travis County, TX	Travis County, Texas	33.6	64.3	
14	Census Tract 23.13, Travis County, TX	Travis County, Texas	33.5	54	
15	Census Tract 2.03, Travis County, TX	Travis County, Texas	33.3	71.4	1660
16	Census Tract 18.12, Travis County, TX	Travis County, Texas	33.2	66.2	7765
17	Census Tract 21.05, Travis County, TX	Travis County, Texas	32.3	61.5	5225
18	Census Tract 23.10, Travis County, TX	Travis County, Texas	31.8	67.1	3151
19	Census Tract 23.07, Travis County, TX	Travis County, Texas	31.5	65.6	5896
20	Census Tract 23.08, Travis County, TX	Travis County, Texas	31.5	64.7	5814
21	Census Tract 23.12, Travis County, TX	Travis County, Texas	31.5	70.1	7207
22	Census Tract 8.02, Travis County, TX	Travis County, Texas	31.4	73.7	3493
23	Census Tract 21.11, Travis County, TX	Travis County, Texas	31.3	71.8	5006
					183
					909
					498
					385
					670
					582
					775
					459
					455
					54350
					27164
					28803
					28413
					35608
					39260
					29753
					27255
					38532

Known Issues

- When you click on a census tract you are not zoomed into, the application may indicate that several census tracts were selected.
- When you click on a census tract you are not zoomed into and click “Zoom to” in the pop-up window, you may see that the entire census tract is not selected once you are zoomed to it. Re-click on that particular census tract to see the actual boundary of the census tract.
- In the data table, when you hide columns, then export to a .CSV, you will notice that the columns are still showing on the exported file. You must manually delete the columns once downloaded.
- When you try to export a lot of data, only the first 5,000 records download into .CVS. This is being worked on.
- You can access this application on a smartphone or other web-connected device. However, the Filter actions are not very mobile-friendly. This is a software limitation - the vendor is aware of this problem.
- When you enter a new search, those records add to the previous search record. You should get in the habit of refreshing your browser after each search.

Resources

Please address any questions or feedback to:

Dionne.L.Roberts-Emegha@census.gov

FLD.CPEP.Decennial.Partnership@census.gov

Questions about the Low Response Score or Planning Database can be directed to: census.PDB.questions@census.gov.

References

Spatial Fields are defined as:

STATEFP – String/Text value - state FIPS Code

COUNTYFP – String/Text value - county FIPS Code

TRACTCE – String/Text value - Census tract code

GEOID – String/Text value - Census tract identifier; a concatenation of state FIPS code, county FIPS code, and census tract code

NAME – String/Text value - Current census tract name, this is the census tract code converted to an integer or integer plus 2-character decimal if the last two characters of the code are not both zero

NAMELSAD – String/Text value - Current translated legal/statistical area description and the census tract name

FULLNAME – String/Text value - “Census Tract” concatenated with NAME concatenated with county name and state postal abbreviation

ALAND – Number - Current land area in square meters

AWATER – Number value - Current water area in square meters

For additional documentation about Spatial Fields:

https://www2.census.gov/geo/pdfs/maps-data/data/tiger/tgrshp2016/TGRSHP2016_TechDoc_Ch3.pdf Full

Database fields can be obtained here:

Planning Database Fields in the Data Table match exactly as they are in the actual PDB so that users can download data from the application and then refer back to the full PDB for additional variables. Full definitions and explanations of these are here:

https://www.census.gov/research/data/planning_database/2016/docs/2016-Tract-PDB-Documentation.pdf