**GENERAL APPLICATION USE**

Click on a census tract to generate a pop-up window.

The pop-up indicates:
- Identifying information.
- Low Response Score.
- List of ACS 5-year estimates.

**APPLICATION INTERFACE ICONS**

**Search Box**

Use dropdown to search

Use the search box to navigate to a geographic entity. The dropdown arrow on left side of the search box allows you to search for a particular geographic entity to zoom to.

**Legend**

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

**Layers List**

Allows you to turn on/off spatial layers. In the screenshot below, the red arrows point to just a couple of checkboxes. Clicking any checkboxes in the Layers List turn on (checked) or off (unchecked) the layers. Please note if the "Additional Layers" checkbox is off/unchecked, any of the content nested below will also turn off.

**Zoom Tool**

Click the plus sign to zoom in. Click the minus sign to zoom out. Use the mouse wheel to zoom in/zoom out or double click to zoom in.

**Initial Map Extent**

Refresh the view back to the contiguous United States. In other words, zoom out to the initial map extent.

**Current GPS Location**

Zoom the map to your current GPS Location (functionality limited based on device/device settings).

**Extent Navigation**

Click the arrow pointing left to go to the previous extent. Click the arrow pointing right to go the next extent.

**Change Basemap**

Choose from various basemaps including satellite imagery and OpenStreetMap.

**Bookmarks**

Save map extents that you need to revisit. Four bookmarks already exist within the application to help navigate to Alaska, Hawaii, Puerto Rico, and the continental United States.

- **Create a Bookmark**
  - Navigate to an area of interest, click the BOOKMARKS BUTTON, type a Bookmark Name, and click the PLUS SIGN.
- **Go Back to a Bookmark**
  - Click the BOOKMARKS BUTTON and click on the desired bookmark.
- **Delete a Bookmark**
  - Click the BOOKMARKS BUTTON, click the bookmark to delete, and click "DELETE" at the bottom of the Bookmarks window.

**Add Data**

Allows you to look for other spatial datasets that already exist on the web. You can temporarily add layers to the map. They will not be saved to the map for next time. The layers you add with Add Data are visible in the Legend and Layers List.

**About**

The place to find basic information about the Planning Database and the Low Response Score and how to interpret it. Also contains source information.

**Share**

Allows you to share the application with others by creating a URL to send or to post on social media. You can simply copy/paste the link generated automatically or you can click on Link Options to define how the map will get shared. You can define where the map is centered so that you can share a specific area with someone else. In the Link Preview box, a URL will be generated for you to copy/paste, or you can go back to the main pane and click one of the social media icons to share your newly customized URL in that manner. You can also copy code to embed the application in another website from this pane.

**Data Table Access**

(BOTTOM CENTER OF INTERFACE) The spatial identifier information and data from the Planning Database; Can filter/query; Show/Hide columns.

**Pop-Up Overview**

The screenshot below identifies the functions of the pop-up that results when you click on a census tract.

In the screenshot above, the blue arrows point you to the "TRANSPARENCY SLIDER BAR", which you can manipulate to make the Low Response Score thematic map darker or lighter. The "TRANSPARENCY SLIDER BAR" is revealed once you click on "ELLIPSIS" followed by the "TRANSPARENCY" button; you can click on the slider marker as indicated and drag it to the left (darker) or right (lighter).
would like to click a specific census tract, zoom in further to that area before clicking on it. This may also happen if you have several different layers of geographies turned on. Click the white arrow head to circulate through the selected features.

**DATA TABLE OVERVIEW**

The screenshot below identifies the functions available within the **DATA TABLE**

1. **Options Menu**
   - **Show Selected Records** – if you have selected records, this field will be active and only show the selected records in the Data Table
   - **Show Related Records** – not an available option; it will always be grayed out
   - **Filter** – use this to Filter/Query the Data Table; see Using the Data Table section for details
   - **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, as indicated by a blue rectangle around the button, the Data Table will only contain records for census tracts in view; **[Filter By Map Extent]**. When off (as in the screenshot above) the Data Table will include all census tract records

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

**VIEW FULL VARIABLE NAME**

To see the full extent of a variable name in the Data Table, hover over the column division in the header of the table until your cursor becomes **.$$**. At that point, you can click and drag the column to the right to reveal the full column name.

**DATA DICTIONARY FOR DATA TABLE**

The category of fields included in the data table are:
- Spatial Fields
- Planning Database Fields
- Federal Communications Commission (FCC) Fields

See the “ROAM User Guide, Section 7.2,” [https://www2.census.gov/geo/pdfs/maps-data/maps/roam/ROAM_User_Guide.pdf](https://www2.census.gov/geo/pdfs/maps-data/maps/roam/ROAM_User_Guide.pdf) for a description of each field category, and links to additional documentation.

**ADD A FILTER EXPRESSION**

To create a simple query, use this option.

**DOWNLOAD**

To download data from the Data Table, click the OPTIONS MENU > EXPORT ALL TO CSV. Keep in mind that “All” means up to 5,000 features/census tract records:
- ALL the features currently in the Data Table,
- ALL the selected features currently in the Data Table.

**MICROSOFT EXCEL**

To open the resulting .csv download in Microsoft Excel with the proper leading zeros on the STATEFP, COUNTYFP, TRACTCE, and GEOID fields, follow the steps below:

1. Open Microsoft Excel first rather than double-clicking on the .csv file.
2. File > Open
3. Navigate to the downloaded .csv file; you may have to select "All Files" from the file type drop down to be able to see it; click "OPEN"
4. Make sure the "DELIMITED" radio button is chosen; click "NEXT"
5. Check the "COMMA" option from the "DELIMITERS" section; click "Next"
6. SHIFT+CLICK the STATEFP, COUNTYFP, TRACTCE, GEOID columns in the Data Preview so that all four fields are highlighted and then click the "Text" radio button; click "Finish"
7. You now have the subset of data you downloaded from the application in a format where the leading zeros are not lost.

**RESOURCES**

- Refer to [www.census.gov/roam](http://www.census.gov/roam) for additional information.
- Questions about the Low Response Score or Planning Database can be directed to: [Census.PDR.questions@census.gov](mailto:Census.PDR.questions@census.gov)