HOW TO USE THE EXPLORE SERVICE AREA TOOL: BY DISTANCE
ACRONYMS USED IN THIS LESSON

<table>
<thead>
<tr>
<th>Acronym</th>
<th>What It Stands For</th>
</tr>
</thead>
<tbody>
<tr>
<td>UDS</td>
<td>Uniform Data System</td>
</tr>
<tr>
<td>ZCTA</td>
<td>ZIP Code Tabulation Area</td>
</tr>
</tbody>
</table>
EXPLORE SERVICE AREA
BY DISTANCE

Enables you to:

▪ Place a marker on the map at an approximate location or exact address
▪ See the area around the point
▪ This will show where a person could drive to from the marked point within a specified driving time (in minutes) or distance (in miles)
▪ Automatically select ZCTAs that are within the specified driving time/distance
▪ Receive data for selected ZCTAs in data table format

Notes: Public transportation data are not available
Walking can be approximated by using shorter distances
HOW TO OPEN THE EXPLORE SERVICE AREA TOOL IN BY DISTANCE MODE

▪ Click on the **Explore Service Area** tool icon (looks like a shield) in the Tool Box in the upper right corner of the map
  • If you see only a blue bar with a few tool buttons, click the **white, downward-pointing arrow** to reveal the tools

▪ Select the radio button for **By Distance**
PLACING A MARKER ON THE MAP

- You can only have one marker on the map at a time

- There are two ways to place a marker on the map
  - Use the Search box to place the marker at an exact address
  - Click on the map to place the marker at an approximate location
  - Suggestion: If you want to place a marker at a health center site
    - Turn on health center admin/service access points (at the bottom of the Explore Service Area tool)
    - Click or put your mouse over a site to see the Information Card and find the address
PLACING A MARKER ON THE MAP: USING THE SEARCH BOX

▪ Type as much of the address as you know

▪ Wait for the drop-down results to appear, click on a result, and select Mark
  • This will place a marker on the map at that address

▪ Click Go to zoom to that location on the map
PLACING A MARKER ON THE MAP: CLICKING ON THE MAP

- Zoom in to your area of interest
- Activate the marker by clicking on the button in the Explore Service Area tool (it is active when the icon button is shaded blue)
- Click on a location in the map to place the marker
- If you misplace the marker, you can move it by re-activating the icon and clicking elsewhere on the map
SETTING THE DRIVE AREA

▪ The red area around the marker displays the drive area, indicating where an individual can drive to from the marked point within a specified time or distance

▪ By default, this area displays a 30-minute drive time

▪ Change the number of minutes (from 1 to 90) by clicking and dragging the circle on the slider bar or clicking once on the circle and using your keyboard arrow keys to go right or left

▪ If you know your area is urban/congested, you can check **Adjust for Traffic** to reduce the area

▪ You can click the **Distance** radio button to view your choice of drive distance, ranging from 1 to 90 miles
VERIFYING SELECTED ZCTAS

- Every ZCTA with any part within the red travel zone is automatically selected on the map and included in the data table.
- Selected ZCTAs are listed in the white **Selected ZCTAs** box and highlighted with black dots on the map.
- ZCTAs can be deselected by clicking them on the map (when the marker icon is not active/pulsing).
- To construct a data table that best approximates the drive area, consider deselecting ZCTAs with small segments in the red area.
To see the data table:

- Be sure there are ZCTAs selected
- Click the **Data Table** button (looks like a window) in the Tool Kit in the lower left corner of the map
Every selected ZCTA will be included

See the How to Use the Data Table lesson (on the Tutorials page) to learn more
AREA ANALYSIS

- You can turn on data from other tools, such as Main Maps, to visualize these data relative to the drive area.

- In the **Boundaries & Optional Layers** tool, turn on highways or switch to street basemap to visualize transportation routes within the drive area.
REMOVING THE MARKER, DRIVING AREA, AND ALL SELECTED ZCTAS

▪ Click **Clear Selection** to remove selected ZCTAs

▪ Click the **marker** button to remove the marker and red drive area from the map
  
  • You may need to click it twice

▪ **HINT:** If you want to remove the red area and selected ZCTAs, but you want to mark an exact address, use the Drawing Tools (click the **pencil** icon in the Tool Kit in the lower left corner of the map) to place a point on the map before you clear the address marker
Proceed to the next lesson to continue learning how to use the UDS Mapper
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