HOW TO CHANGE THE BACKGROUND AND ADD BOUNDARIES IN THE UDS MAPPER
### ACRONYMS USED IN THIS LESSON

<table>
<thead>
<tr>
<th>Acronym</th>
<th>What It Stands For</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPSA</td>
<td>Health Professional Shortage Area</td>
</tr>
<tr>
<td>MUA/P</td>
<td>Medically Underserved Area/Population</td>
</tr>
<tr>
<td>Nat Geo</td>
<td>National Geographic</td>
</tr>
<tr>
<td>PUMA</td>
<td>Public Use Microdata Area</td>
</tr>
<tr>
<td>UDS</td>
<td>Uniform Data System</td>
</tr>
<tr>
<td>ZCTA</td>
<td>ZIP Code Tabulation Area</td>
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</table>
BASEMAPS

- Basemaps are the foundational layer of any map
- UDS Mapper defaults to a topographic basemap
- Other options include:
  - Street
  - Terrain
  - Nat Geo (looks like a traditional atlas map)
  - Canvas (blank gray map with some city, town labels)
  - Imagery (satellite images)
- Basemaps are covered by Main Maps and Population Indicators
HOW TO OPEN THE BASEMAPS TOOL

Click on the **Basemaps** icon (looks like a stack of papers) in the Tool Kit in the lower, left corner of the map.
CHANGING THE BASEMAP

- Click on the basemap option you would like to use
- If you have a Main Map layer or Population Indicators on, they will be covering the basemap and you may not notice the change
Although the data in the UDS Mapper are based on ZCTAs, other boundaries may be turned on for context:

- On by default, but may be turned off
  - State
  - County
  - ZCTA

- Optional
  - Other U.S. & Census Geography
  - Transportation
  - Health Policy layers
  - Labels for any boundary type (except transportation)
HOW TO OPEN THE BOUNDARIES & OPTIONAL LAYERS TOOL

▪ Click on the **Boundaries & Optional Layers** icon (looks like a stack of layers or papers) 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
U.S. AND CENSUS GEOGRAPHY

- Official boundaries created by the U.S. Census Bureau
  - States (on by default)
  - Counties (on by default)
  - PUMAs
  - ZCTAs (on by default)
  - Census Tracts
  - Census Block Groups
  - County Subdivisions

- Provided for reference, but not an official U.S. government boundary
  - ZIP Codes
OTHER LAYERS

- Major Highways
- Health Policy
  - HPSAs
  - MUA/Ps
  - Primary Care Service Areas
  - Hospital Referral Regions
  - Congressional Districts
LAYERS AND LABELS ARE SEPARATE

- Click the checkbox on the left to turn on the boundaries
- Click the A checkbox on the right to turn on labels for the boundaries
  - Different from Information Cards because they will turn on for everything, regardless of where your mouse cursor is
EXAMPLE: CENSUS TRACTS WITH LABELS

- Basemap has been changed to Canvas
- All default boundaries have been turned off
- Census Tracts and labels have been turned on
LEGEND

- Basemaps are not shown in the Legend
- Boundary & Optional Layers are in Legend when they have been turned on
Proceed to the next lesson to continue learning how to use the UDS Mapper
ACKNOWLEDGEMENTS

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