Mapping county indicators

URL: https://pad.human.cornell.edu/counties/maps.cfm

Optional parameters (there needs to be a "&" between parameters and no spaces anywhere):

var=x, where x is an abbreviated code for the indicator
example: https://pad.human.cornell.edu/counties/maps.cfm?var=percage65plus

additional parameters to change the legend and the look of the map:
rangemin=??&rangemax=?? must both be defined to set the minimum and maximum value on the legend. All counties with a value higher than rangemax will get the top color and similarly for rangemin. The resulting legend values might be different from the defined values as the site tries to define nice intervals for the points in between.

Year=? defines the year for which the data is being displayed

Lowc=?&Midc=?&Highc=? Must have a value to define the color scheme, lowc defines the color on bottom, midc in the middle and highc at the top, other colors are interpolated from these settings. Colors need to be defined using a six digit RGB notation, e.g. 800000 for the maroon color at the bottom of the legend below

Elements on the map page:
Selecting indicator and inspecting values:

**Indicator drop-down**
- **Interactions:**
- **Click:** to select indicator. Indicators are grouped by source.

**Time slider**
- **Interactions:**
- **Drag:** to select year of interest. Left and right-arrow key moves the year when this element has focus.

**County polygons**
- **Interactions:**
- **Mouseover:** shows county value on bottom right
- **Click:** pops up a table and interactive chart

**Other interactions**

**Quick actions**
- **Interactions:**
- **Camera:** pops up an image of the current map. You can download this image and use it by right-clicking on the image.
- **Chain-link:** Pops up a window with links to the current map. (See below)
- **Help:** pops up this document

**Settings**
- **Interactions:**
- **Mouse click:** pops up a window to adjust colors and bounds (see below)
Example “Maps” when user clicks on a county

Pop up window after user clicks on a county

Links for further exploration

**Interactions:**

- **Top table:** opens a new page with a county trend lines for this indicator
- **Bottom table:** links to a page with numerous trend lines for this county

**Interactive chart**

**Interactions:**

- **Mouseover:** shows values

**Pop up menu**

**Interactions:**

- **Print:** opens up print dialog to send chart to printer
- **Export image:** exports chart in a graphical format
- **Export data:** Exports the chart data to a csv file
- **Embed:** Generates an HTML command for embedding this chart on your website

**Close popup**

**Interactions:**

- **Click:** closes popup

Popup also closes when user clicks outside popup
Pop up window when user clicks on settings

Select color scheme and color that will appear on top

Change minimum and maximum values in legend
Note: final settings might be slightly different to enable better intervals

<table>
<thead>
<tr>
<th>Observed</th>
<th>New settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>15</td>
</tr>
<tr>
<td>Maximum</td>
<td>25</td>
</tr>
</tbody>
</table>

Labels
- Off
- Value
- Name, Value

OK or Cancel

Label settings
Click: Labels can be added to each polygon, either just the value or the name and value.

Color scheme
Interactions:
Click: Select one of 7 color schemes and the direction of the scheme

Bounds
Interactions:
Click: Type in the top and bottom value for the legend (all counties with a value greater than the maximum will get top color and similar for minimum)

Map after applying settings as set above
Links popup that opens up after clicking on the chain link:

After click on the camera a picture of the map pops up. Right click on that image lets you download the image for further use.