**Unit 2.2 Demographics**

The data for this activity can be found at: <http://www.pampatike.com/index1.html>.

The data are hosted by the Council on Environmental Quality (CEQ) and contains updated monthly tables with statistics about United States environmental quality. Major topics include: population, economy and the environment, public lands, ecosystems, air quality, aquatic resources, terrestrial resources, pollution prevention, energy, transportation and the global environment. An archive of earlier statistics is also available.

1. Use the data tables provided on this site to create at least 5 plots that contrast Critical Zone factors at multiple sites. The data can provide information about humans and the critical zone.
2. You are encouraged to make many plots but only present the most interesting and informative plots.
3. Organize the plots for your presentation so they make an interesting story and provide insights into humans and the CZ.

In your 5 - 10 minute group presentation, include the following elements:

* What is the main idea?
* How does this method work?
* What kind of results were obtained using this method?
* How is the data analyzed? Where should it be used? Over what timescales is it useful?
* What are its advantages and disadvantages?
* What are the limitations to this method of analysis?
* How is this relevant to the Critical Zone?