


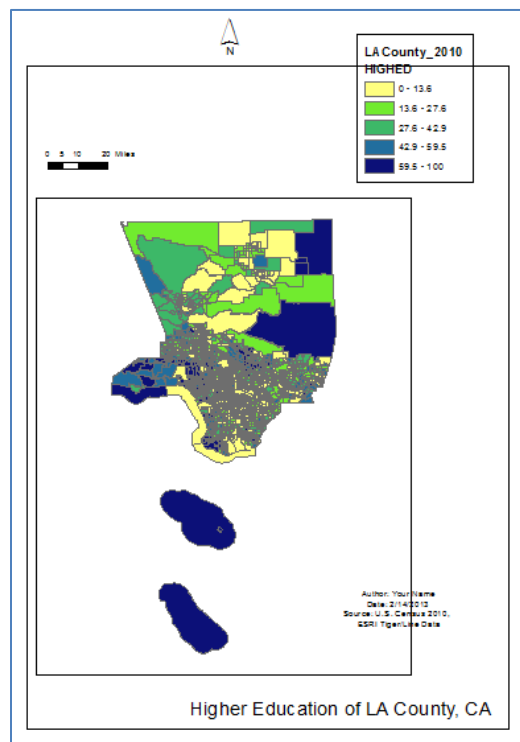
Exercise: Cartography and map design


Assigned: 10/2/2018

Objectives: In this lab you will practice map design by using existing map elements.

1. Download the data (09_data.zip) from the BeachBoard and unzip to your own USB drive.
2. Open ArcGIS and navigate to your data folder\ New File Geodatabase, and open “map design.mxd” using the Open button . (This is NOT the Add Data button that you used in the previous lab).

ArcGIS will show you a rough draft of a map including some map elements—i.e., title, map content, legend, north arrow, scale bar, and text—like the figure below. Notice that you are looking at the ArcMap in View>Layout View mode. In the Layout View mode you can see how the data in ArcMap will look as a map. Also you can add/modify map elements to make a more complete map. The .mxd file includes map design information such as: what data to show, what symbology to use for each data, size/position of each data, and so on. However it does NOT include the data itself.



3. Using the Select Elements tool , you can freely select/resize/move around any elements in the map.

Task: Using ArcGIS, try to resize and reposition the map elements to make a good map following the lecture notes of #8 and #9.

- This exercise will **NOT** be submitted/graded. This is for your own exercise.
- Feel free to let me know if you have any questions.