

Project 10: Dot Density Maps/Isopleth Maps

Points: 50 Points

Task 1: Create a dot density map using data that can be appropriately symbolized using this method. Deliver the map in PDF format. You must find your own data for this map. With your submission, include a short description of the data and their source(s). Make sure to cite data source(s) on the map.

Rubric:

- ❖ The layout and map are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. (5 Points)
- ❖ The data source(s) should be cited on the map layout. (2.5 Points)
- ❖ Make sure to include a well-designed legend. (5 Points)
- ❖ Include a title and your name. (2.5 Points)
- ❖ Make sure to use appropriate dot symbol, dot size, dot color, and density. (5 Points)

Task 2: Create an isopleth map using data that can be appropriately symbolized using this method. Use something other than elevation. Deliver the map in PDF format. You must find your own data for this map. With your submission, include a short description of the data and their source(s). Make sure to cite data source(s) on the map.

Rubric:

- ❖ The layout and map are overall very neat and well organized. Space is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. (5 Points)
- ❖ The data source(s) should be cited on the map layout. (2.5 Points)
- ❖ Label isolines to improve the interpretability of the map. (5 Points)
- ❖ Include a title and your name. (2.5 Points)
- ❖ Make sure to use appropriate interval, generalization, and line symbology. (5 Points)