

Project 11: Flow Map/Multivariate Map

Points: 50 Points

Task 1: Create a flow map to represent movement or migration of some kind. Also, use either color to represent categories or line size to represent magnitude relative to an attribute. Use arrows to indicate direction of motion. You may have to build the data on your own. Feel free to make something up. 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)
- ❖ Either color is used to show a category or line size is used to show magnitude. (5 Points)
- ❖ A well designed and meaningful legend is included. (5 Points)
- ❖ Make sure to use appropriate line color/sizes. Make sure that your map is not too crowded and that it is easily interpreted. (5 Points)

Task 1: Create a multivariate map in which two variables are shown using different graphical parameters (size, shape, color, etc.). This may involve some editing in Adobe Illustrator. 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. Spaced is used well, and the data are well presented. (5 Points)
- ❖ Appropriate data were used. (5 Points)
- ❖ The symbology used to represent the two variables makes sense. (5 Points)
- ❖ A well designed and meaningful legend is included. (5 Points)
- ❖ The two variables are related. It makes sense to display these variables together on the same map. (5 Points)