

Create a GIS Poster in 11 by 17 inches landscape orientation.

Your poster will contain: one data frame with a choropleth map, a data analysis table, charts, and text explaining your analysis. Leave a 1 inch margin in order to add neat lines once the map is completed.

Map Data Frame

Create a map focused on the 13 cities located within the four western Massachusetts counties.

Show the states: hollow, wider black outline
Show the counties: hollow, thinner black outline
Show the cities: red circles as a function of population in 2000

- Label the cities and counties, using different font sizes and bold/normal.
- Add the standard map elements in the layout view.
- All data are available at C:\ESRIPress\GIST1\Data

Data Analysis Table

Export the attribute table as a text file and open in MS Excel. Delete the unneeded columns, calculate new columns as specified below, and sort the table ascending by population. Copy and paste the completed table into ArcGIS.

Col 1	Name of the city
Col 2	Total Population
Col 3	Total White
Col 4	Total Non-White (subtract WHITE from POPULATION)
Col 5	Percentage White
Col 6	Percentage Non-White
Col 7	Total Housing Units
Col 8	Vacant Housing Units
Col 9	Owner-occupied Housing Units
Col 10	Renter-occupied Housing Units
Col 11	Percentage Vacant Housing Units
Col 12	Percentage Owner-occupied Housing Units
Col 13	Percentage Renter-occupied Housing Units

Charts

Create two charts in MS Excel to visualize some aspect of your analysis. Copy and paste the completed charts into ArcGIS.

Text

Add text to your map documenting, describing, and interpreting your analysis (data are based on the 2000 census).

Final touch: add a border/neat line around all elements of your GIS poster.
Export as PDF and JPG and: print!

Now you have a complete GIS analysis!