

# Regional Economics

## Lecture of April 13, 2010

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# Overview

Chapter 1, *GIS Tutorial II*, Mapping where things are

Tutorial 1-1. Working with categories

Companion reading *ESRI Guide to GIS Analysis, Vol 1*, pp. 1-29

Tutorial 1-2. Controlling which values are displayed

Companion reading *ESRI Guide to GIS Analysis, Vol 1*, pp. 30-36

Tutorial 1-3. Limiting values to display

# Overview

Chapter 2, *GIS Tutorial II*, Mapping the most and least

Tutorial 2-1. Mapping quantities

Companion reading *ESRI Guide to GIS Analysis, Vol 1*, pp. 37-45

Tutorial 2-2. Choosing classes

Companion reading *ESRI Guide to GIS Analysis, Vol 1*, pp. 46-55

Tutorial 2-3. Creating a map series

Companion reading *ESRI Guide to GIS Analysis, Vol 1*, pp. 56-60

Tutorial 2-4. Working with charts

Companion reading *ESRI Guide to GIS Analysis, Vol 1*, pp. 61-62

# Notes

Read the companion pages from *ESRI Guide to GIS Analysis*

Live Software Demo

Items indicated in **RED FONT** will involve a Live Software Demo

# Tutorial 1-1. Working with categories

- “points on a map”
- Different colors, symbols, sizes
- Categorize records or observations by value in a particular field
- Can select only those records or observations that satisfy a condition you impose
- We will actually DO all these things in this tutorial

# Preliminaries

- Intall ArcMap
- Install Maps & Data for Tutorial
- Launch ArcMap and open a map document – note how to navigate to map documents
- Elementary maneuvers with layers
  - Open layer attribute table
  - Change a category label
  - Reorder categories
  - Save as layer file

# Preliminaries (continued)

- Add a legend to your map layout

# Tutorial 1-2.

## Controlling which values are displayed

- Open the Tutorial 1-2.mxd map document