

# gis data as layers of shapes with regular data

- data organized by layers
  - eg adm boundaries, roads; show example/draw a picture
- each layer: loc info (shapes/coords)+often some regular data
  - data table with loc (shapes/coords) must underlie a map
  - (the data table often has some regular data, too)
  - thematic maps use different symbols/colors (themes) to show variation in regular data