

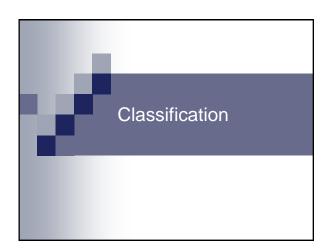
All Maps Simplify

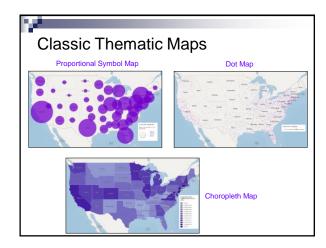
■ Maps are smaller than what they portray

□Limited number of features can be mapped

□Must classify and generalize







Dot Maps

- Dot represents fixed quantity
 □ Pro: great for density and pattern
 □ Con: need to deal with location/placement
- Tricky: what does the dot mean?





Proportional Symbol maps

- Symbol size scales with quantity

 □ Pro: symbol size conveys information

 □ Con: does not handle large ranges well
- Tricky: can viewer compare circles?





Choropleth Maps

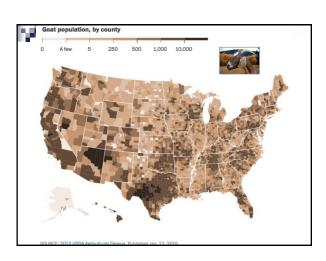
choros — place plethos — value

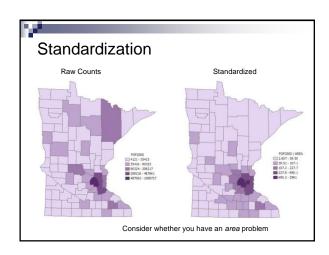
- Visual variable varies with quantity
 - □ Pro: Easy to make
 - ☐ Con: Lots of choices (hue, unit of analysis, etc.)
- Tricky: how do you classify data?

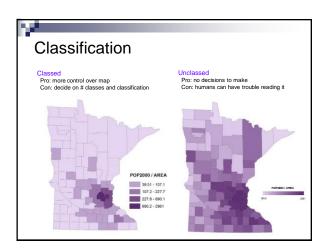


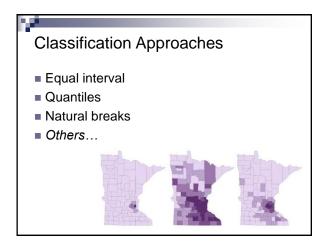












Equal Interval Each class is an 'equal range' of numeric values (data) Keep in mind Easy to do Sometimes hard to see distinctions

