

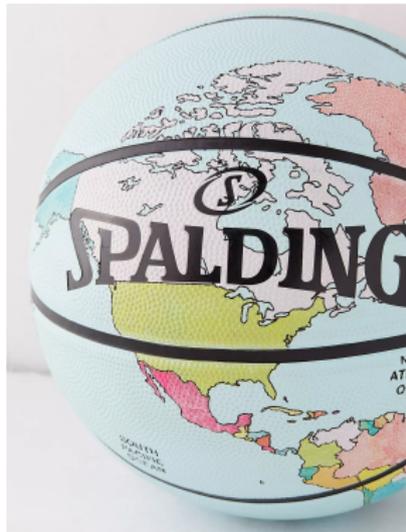
Lecture 21

Choropleths

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DATASCI  11 2

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1 Choropleths

2 A Choropleth Mystery



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2 A Choropleth Mystery

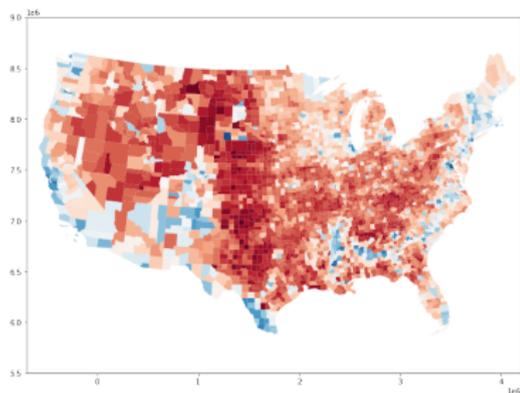


What is a Choropleth?

A **choropleth** is a map where each region is colored according to some statistic.



chloroplast



choro + pleth
“region” + “many”



Making Choropleths

Let's make a choropleth of kidney cancer death rates by U.S. county.



Seeing Patterns

- Humans have evolved a remarkable ability to see patterns...
- ...even when there are none.
- Statistics is a science that helps us disentangle real patterns in data from noise by:
 - quantifying the **signal** in a pattern
 - quantifying the **noise**.
- Take a statistics class during your college years!
(DATASCI 112 is not a statistics class!)



1 Choropleths

2 A Choropleth Mystery



In the optional Lab 6B, you will recreate this choropleth.

