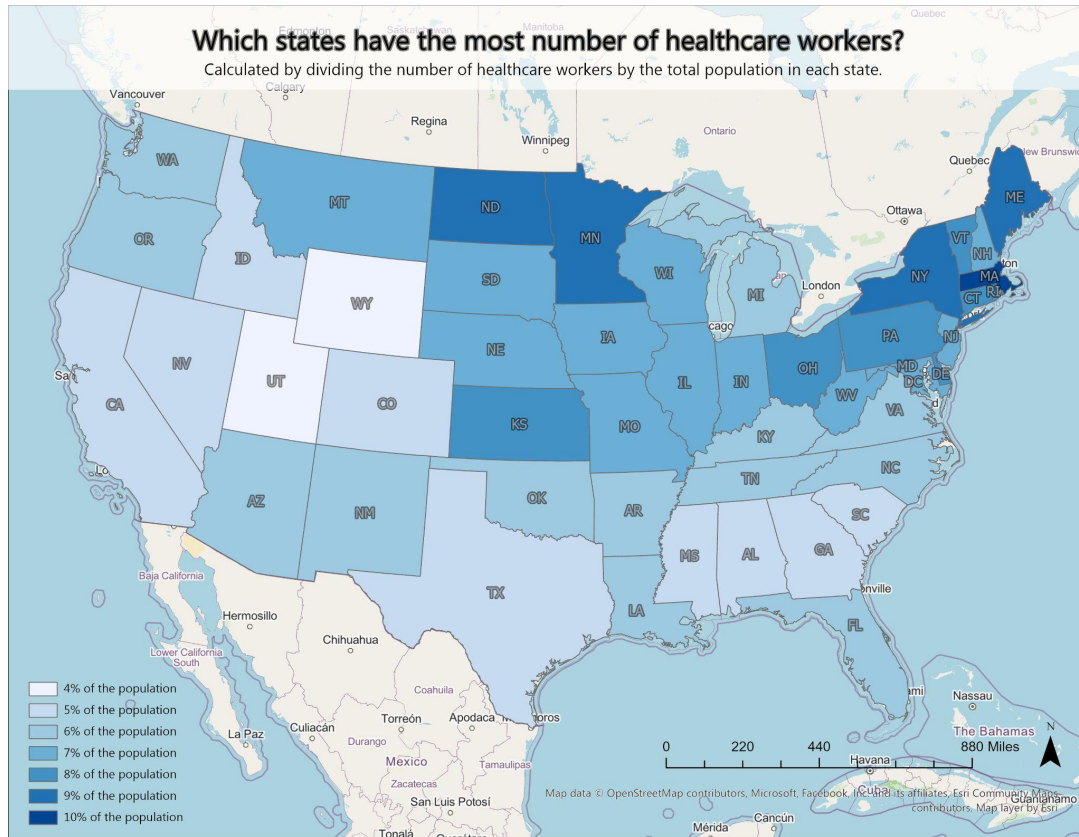


LAB 6

INTRODUCTION TO GIS Professor Sarah Olinb

Soobin Rho
March 28, 2023



GIS Tools & Techniques Applied:

Finding the right data to address the question. Three U.S. Census tables were joined for this lab.

Question: Which states have the most number of healthcare workers?

Methodology:

- Finding appropriate data from U.S. Census Bureau. (<https://data.census.gov/>)
- `Table join` function for combining multiple data sources.
- `Data` and `Export Features` to make a separate table of the joined tables. `Remove All Joins` to preserve the original states table.

Conclusions: In US, up to 10% of the population is employed by the healthcare sector. In particular, Massachusetts has the highest number of percentage of healthcare workers. In South Dakota, around 8% of the population is working for the healthcare industry.

Data Sources: “Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2019” and “Annual Business Survey: Statistics for Employer Firms by Industry, Sex, Ethnicity, Race, and Veteran Status for the U.S., States and Metro Areas: 2018”