

Introduction to Data Science

SKKU University, Summer 2015

Prof. Jevin D. West

University of Washington

Lecture 11 – July 13, 2015

Agenda

- 9:30 – 10:30 Information Visualization
- 10:30 – 10:40 Break
- 10:40 – 11:50 Final Paper
- 11:50 – 12:00 Questions

Week 2

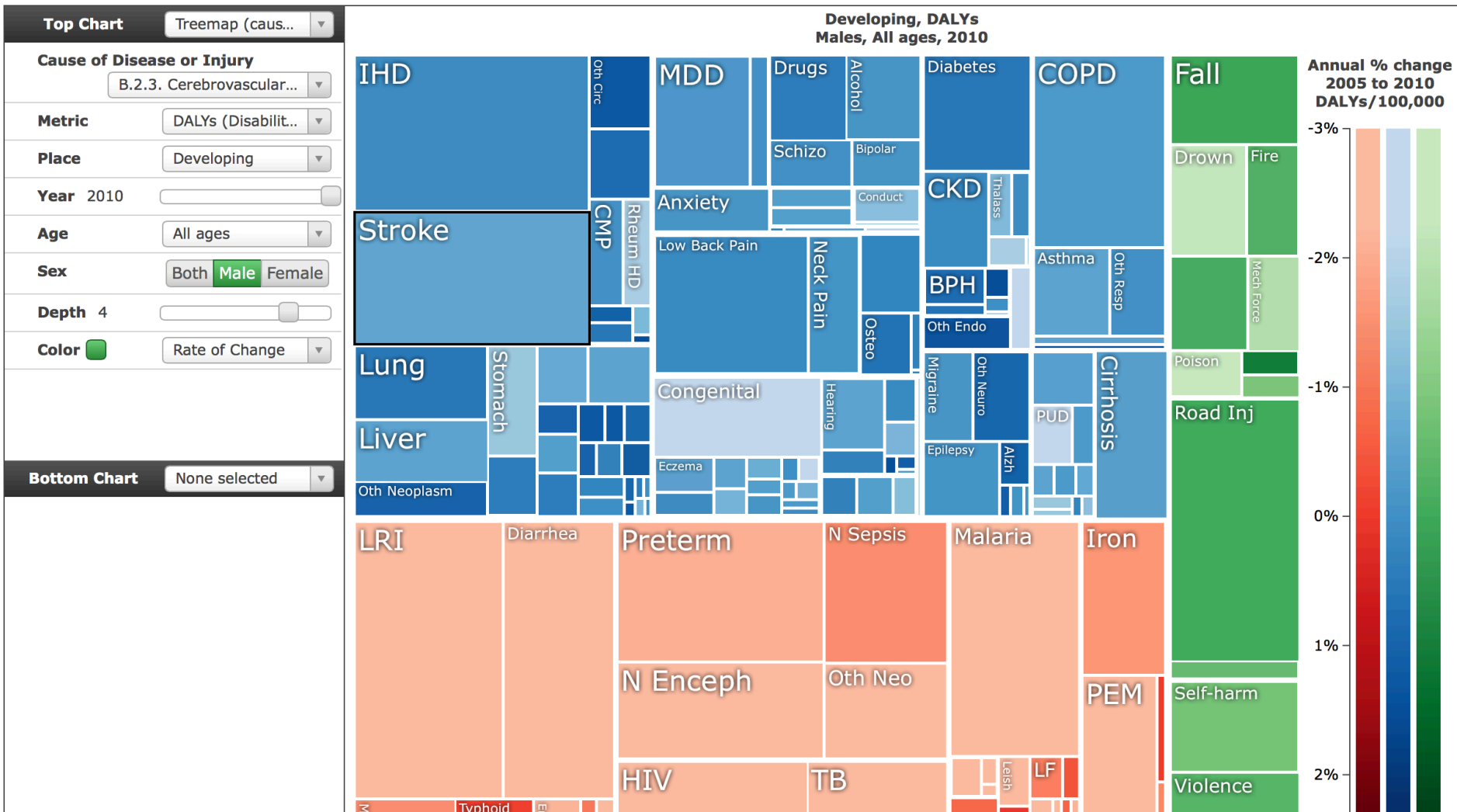
- Monday, July 13: Information Visualization
- Tuesday, July 14: Analysis
- Wednesday, July 15: Machine Learning
- Thursday, July 16: Data Ethics
- Friday, July 17: Final Presentations

Week 2

- ~~Tuesday, July 14: Quiz #3~~
- **DUE** Wednesday, July 15 at the beginning of class: Final Paper
- **DUE** Thursday, July 16: Assignment #3
- **DUE** Friday, July 17 at the beginning of class: Final Presentation, make sure to turn in presentation on your group repository

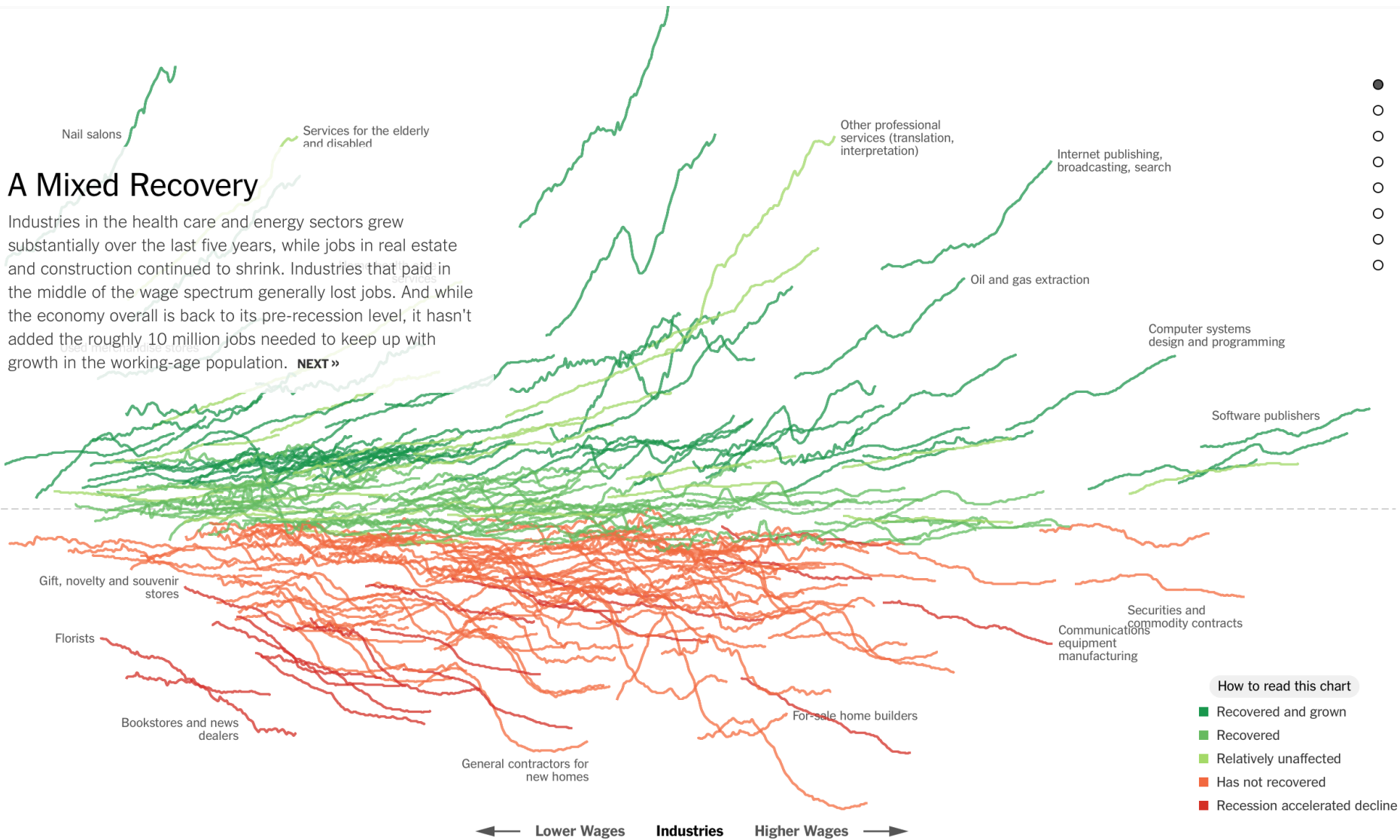
Information Visualization

Updated mortality and cause of death data through 2013 have been published and can be viewed in the Mortality, COD, and Life Expectancy visualizations. Sign up for the IHME newsletter to find out when we launch the new GBD Compare with the latest metrics. ✕

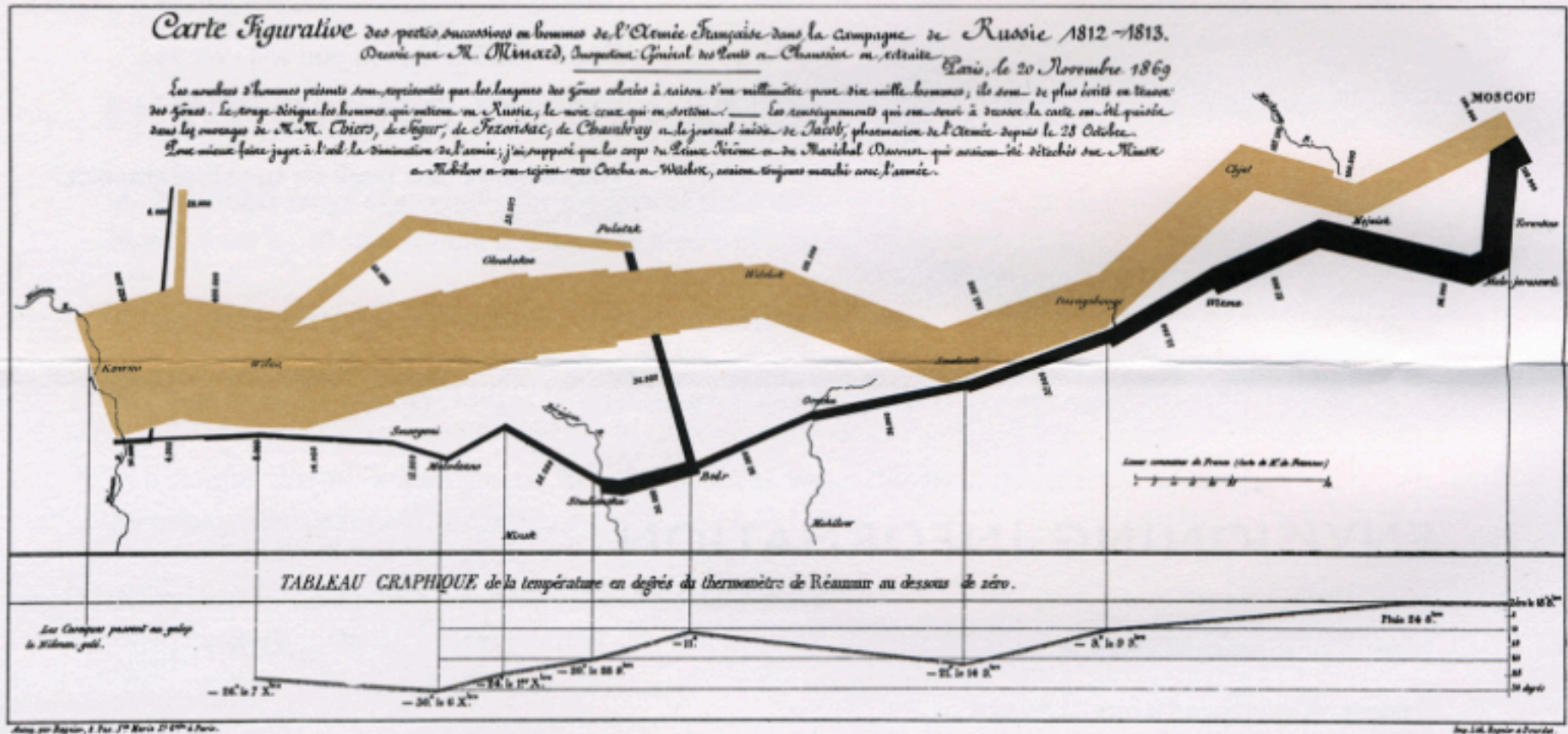


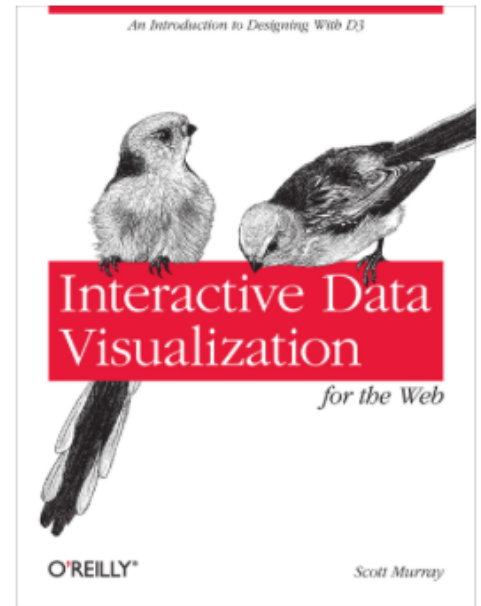
A Mixed Recovery

Industries in the health care and energy sectors grew substantially over the last five years, while jobs in real estate and construction continued to shrink. Industries that paid in the middle of the wage spectrum generally lost jobs. And while the economy overall is back to its pre-recession level, it hasn't added the roughly 10 million jobs needed to keep up with growth in the working-age population. **NEXT »**



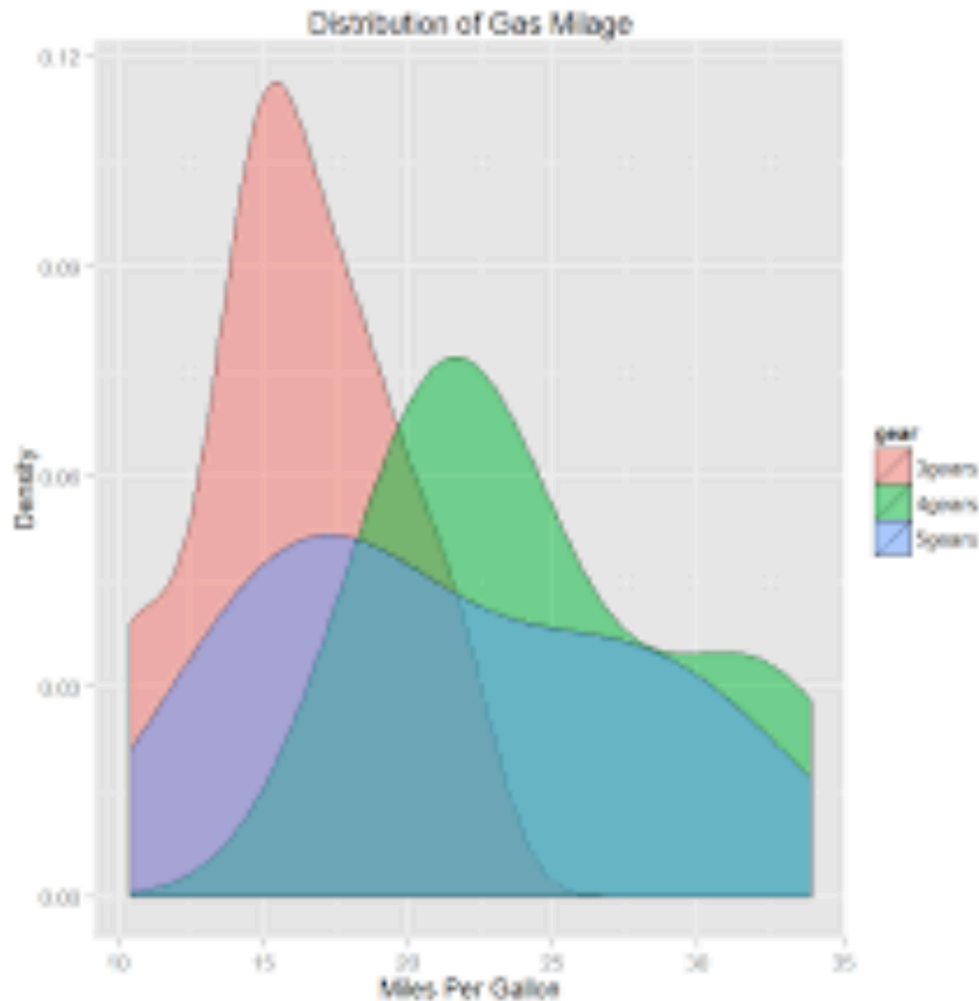
Edward Tufte





- Elijah Meeks just wrote a D3 book
- Scott Murray wrote a great (free) book on D3 from a designer's perspective
- D3 newsletter: Cool stuff every week
- Interactive Data Visualization: <http://chimera.labs.oreilly.com/books/1230000000345>

ggplot in R



Visual Perception

