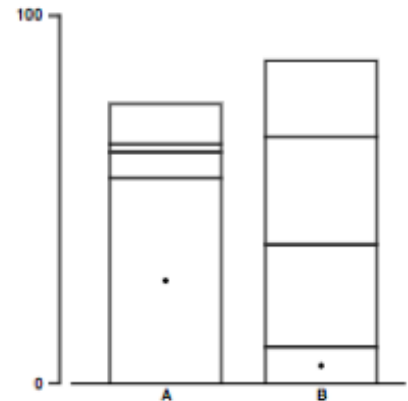
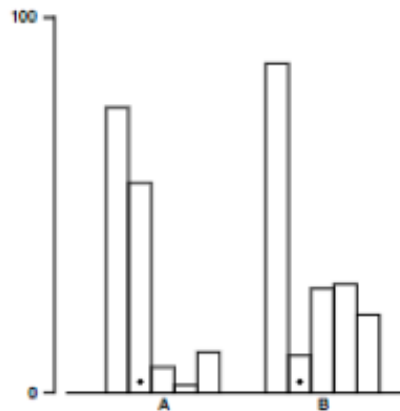
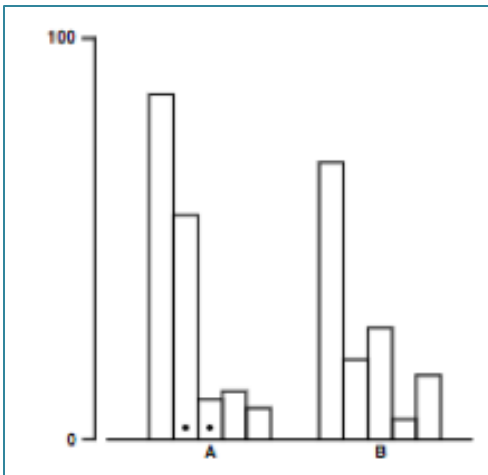


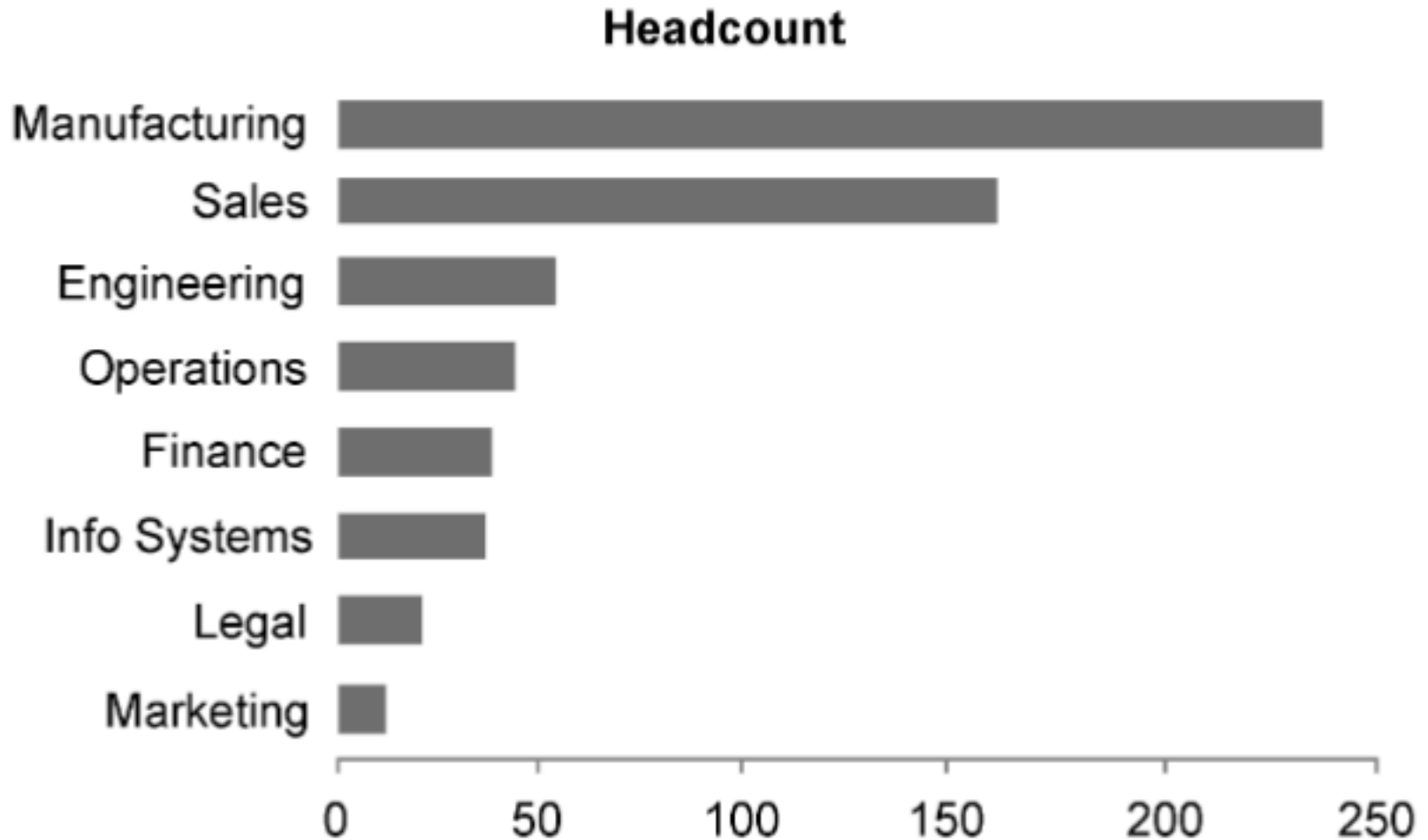
Basic Chart Types

Which One?

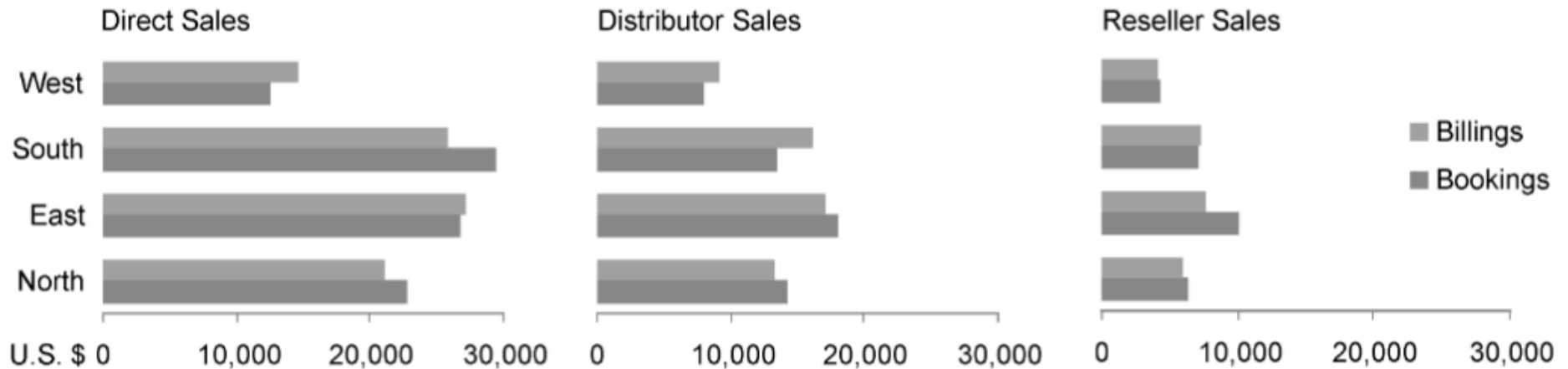


Bar Charts

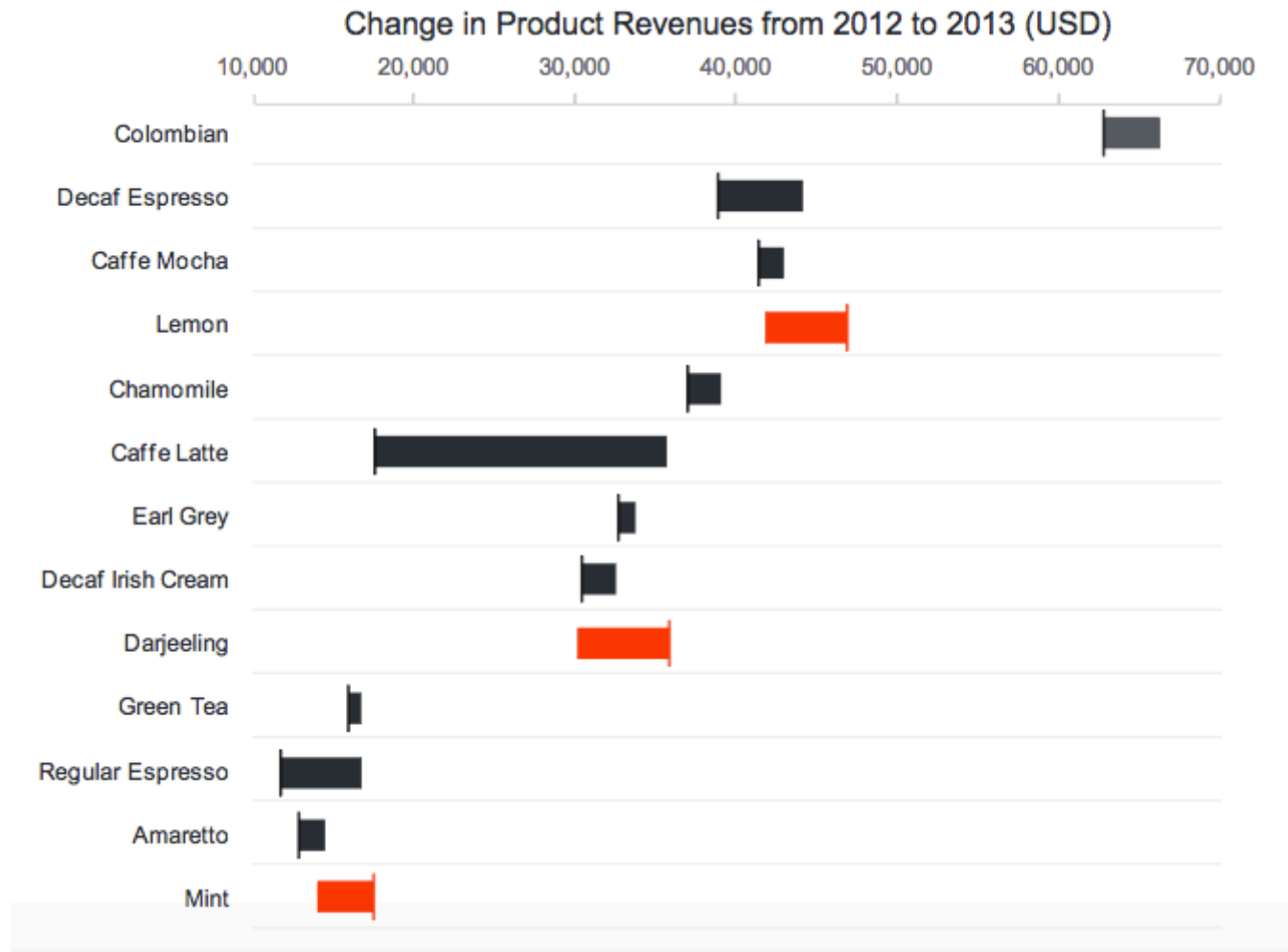
Categorical + Ranked



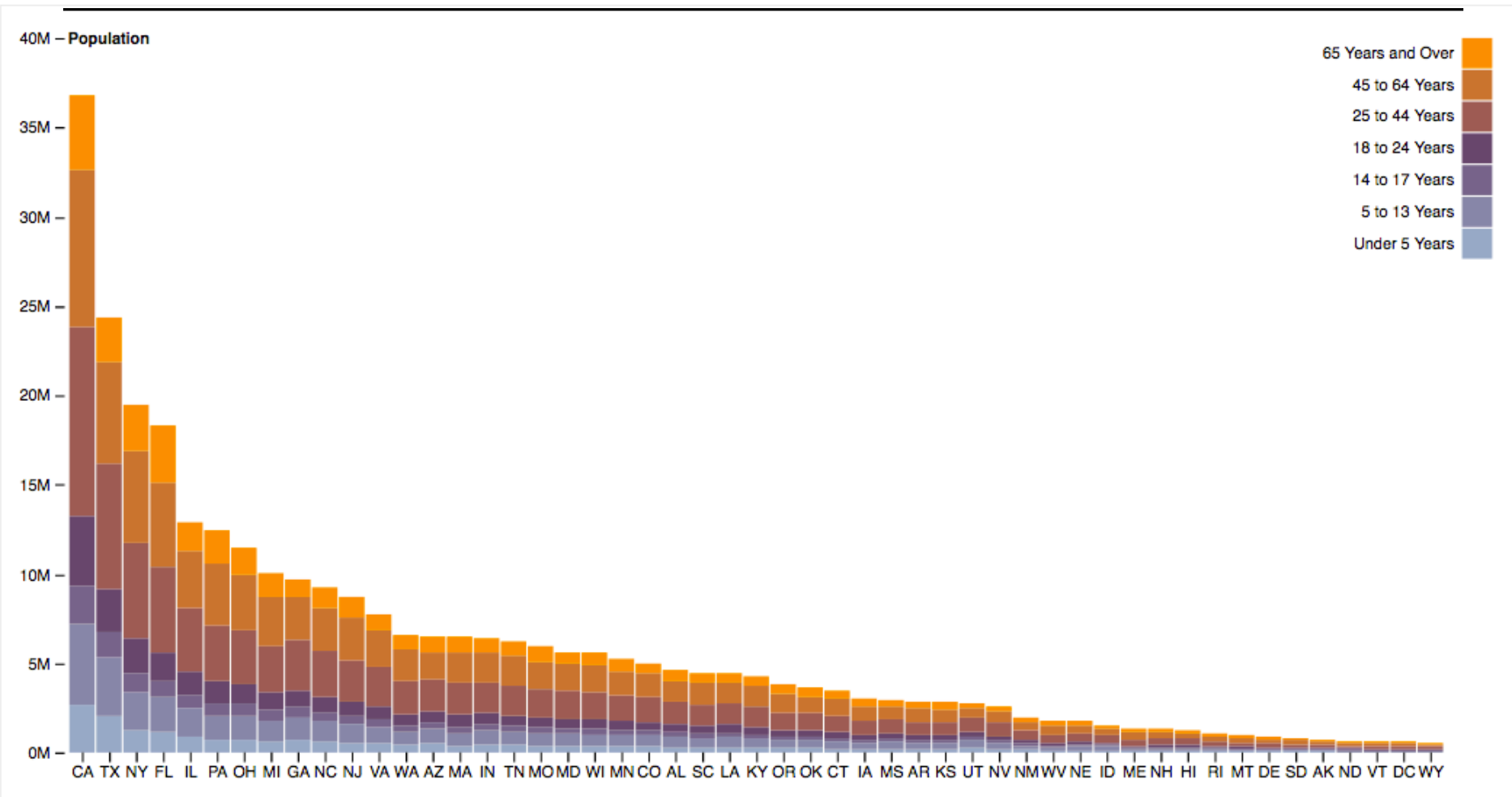
Splitting Comparison



Compare Change

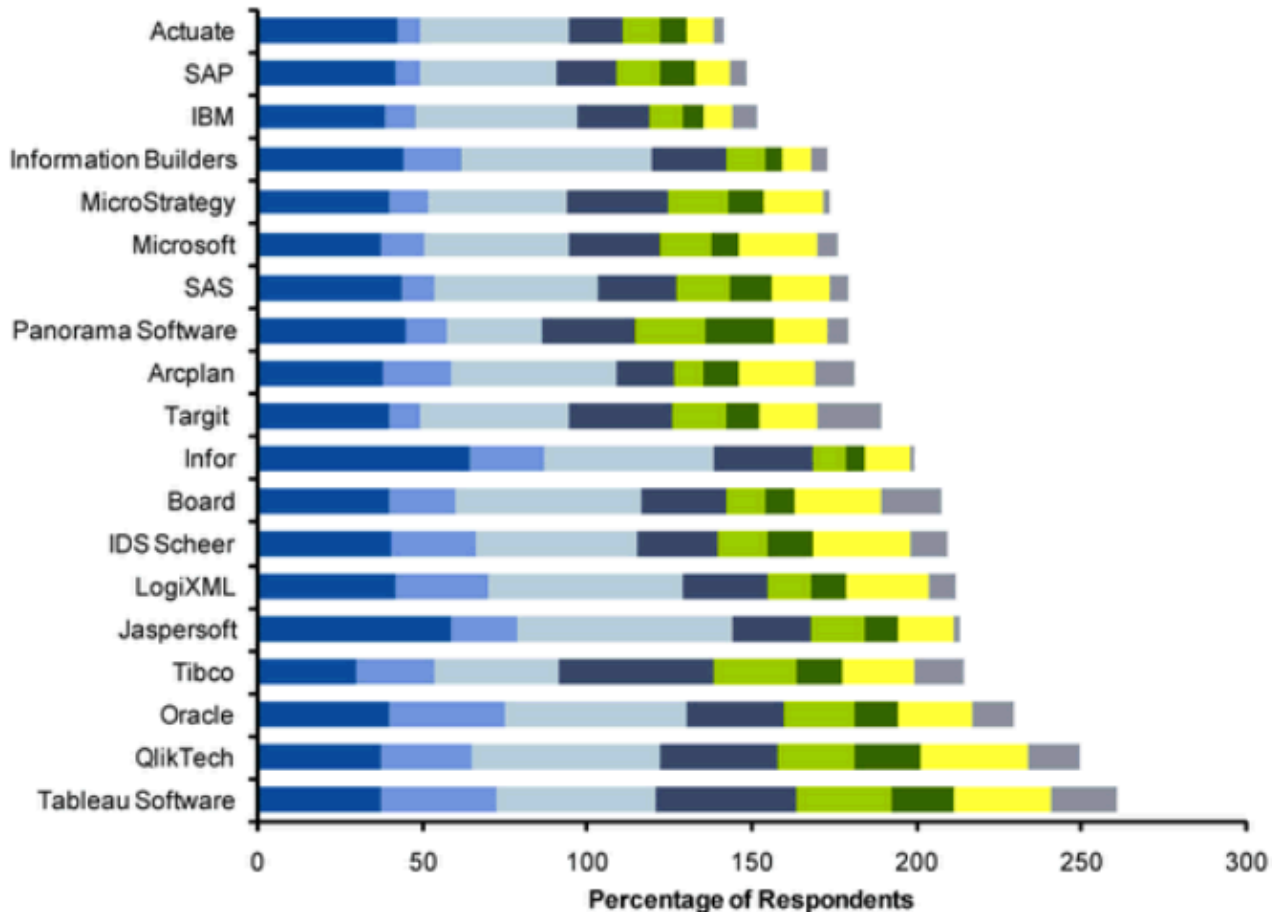


Stacked & Ranked



<https://bl.ocks.org/mbostock/3886208>

Stacked & Ordered

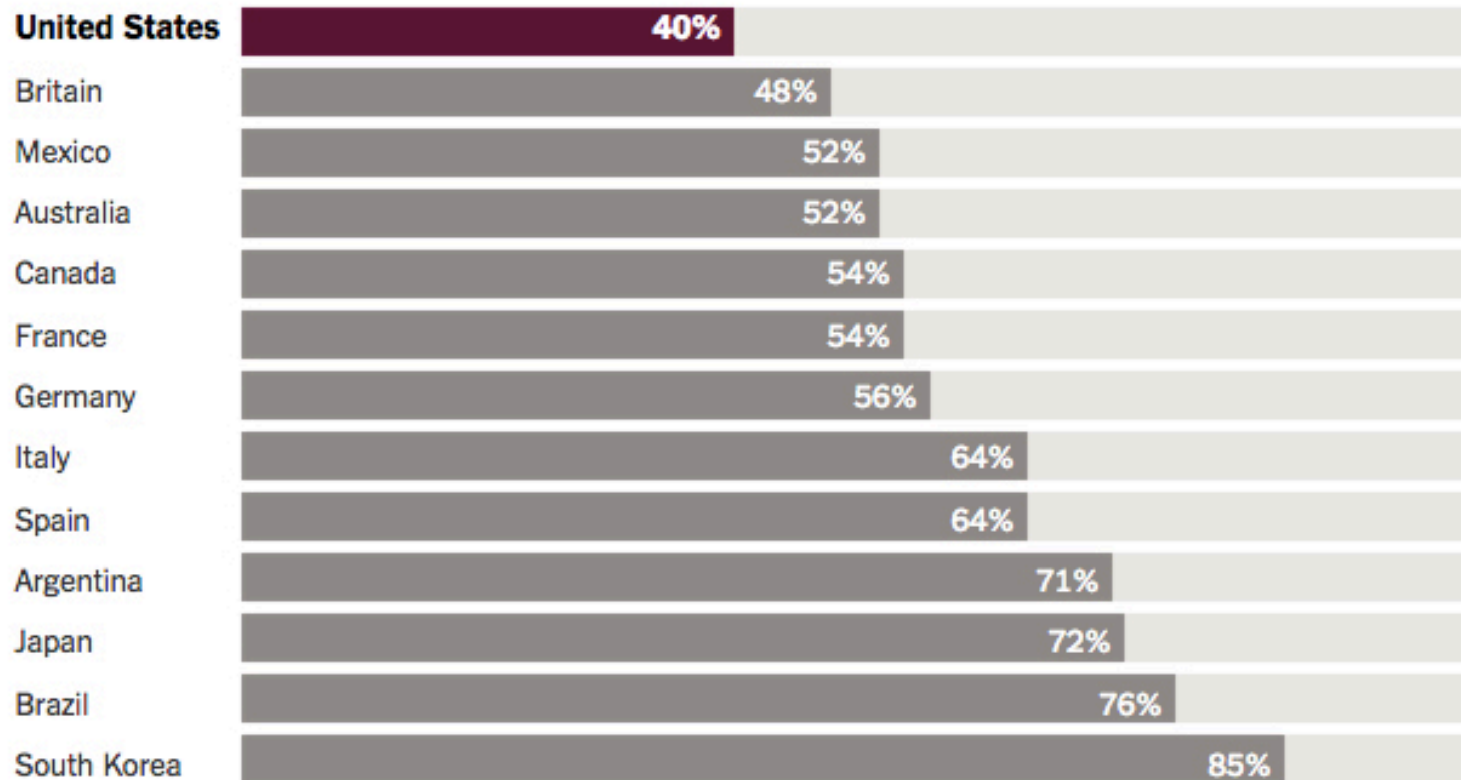


Source: <https://www.tableau.com/blog/gartner-vendors-bi-activities>

Parts to Whole

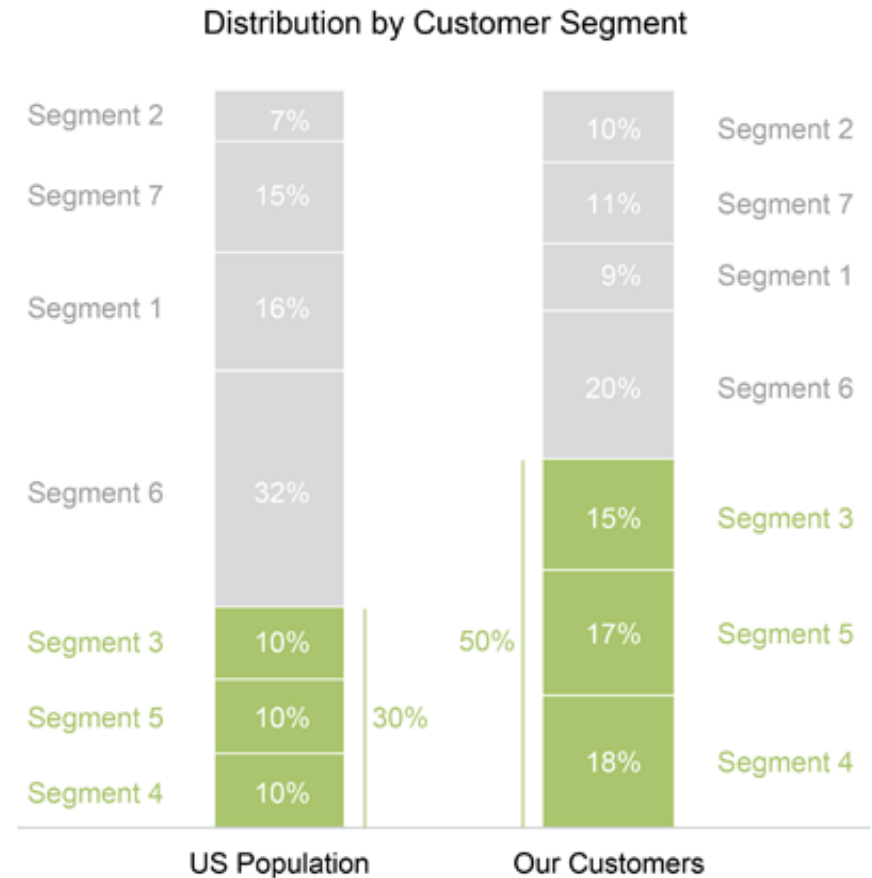
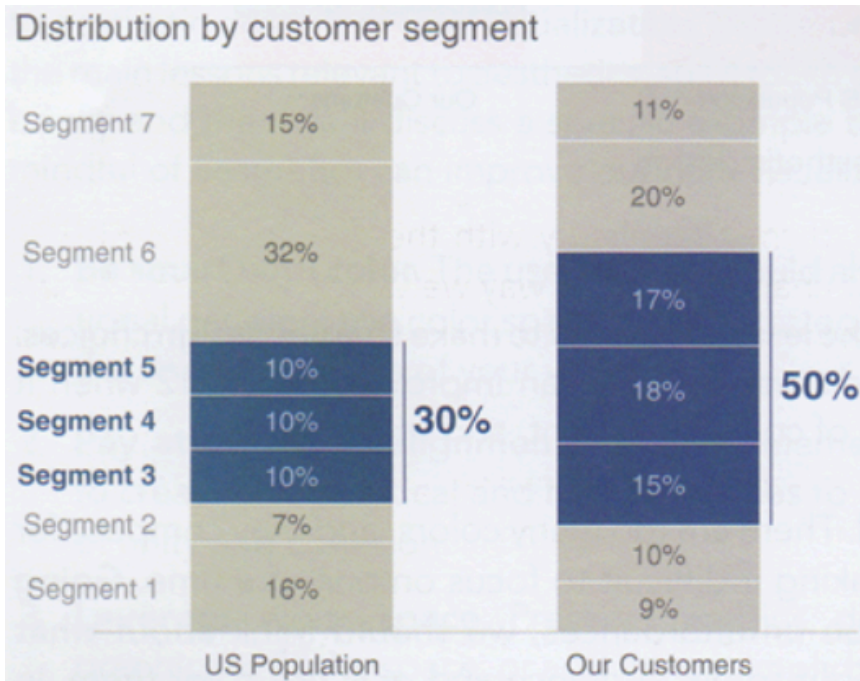
How the World Sees Climate Change

Percentage of residents of each country who say "global climate change is a major threat" to their country

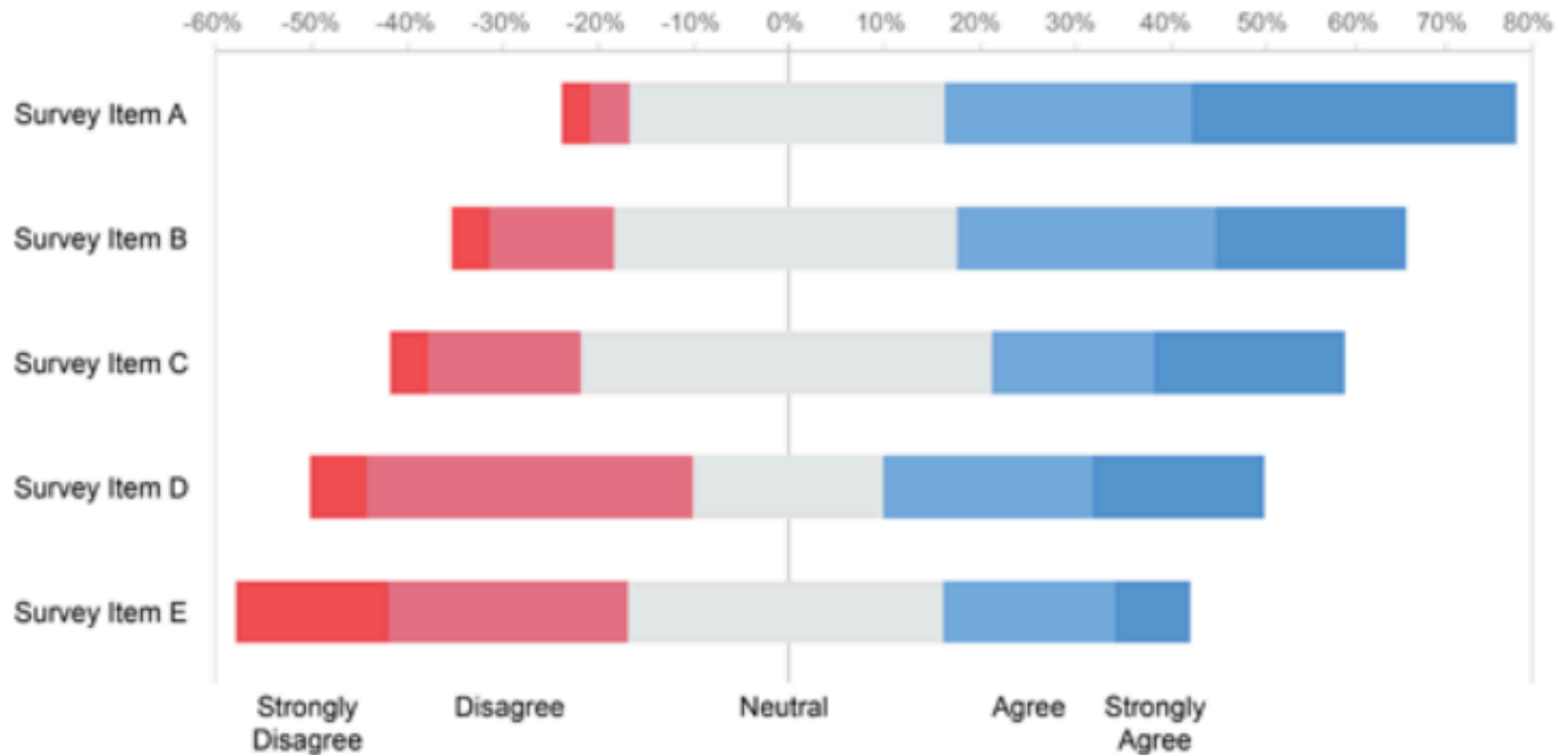


Source: Pew Research Center, June 2013

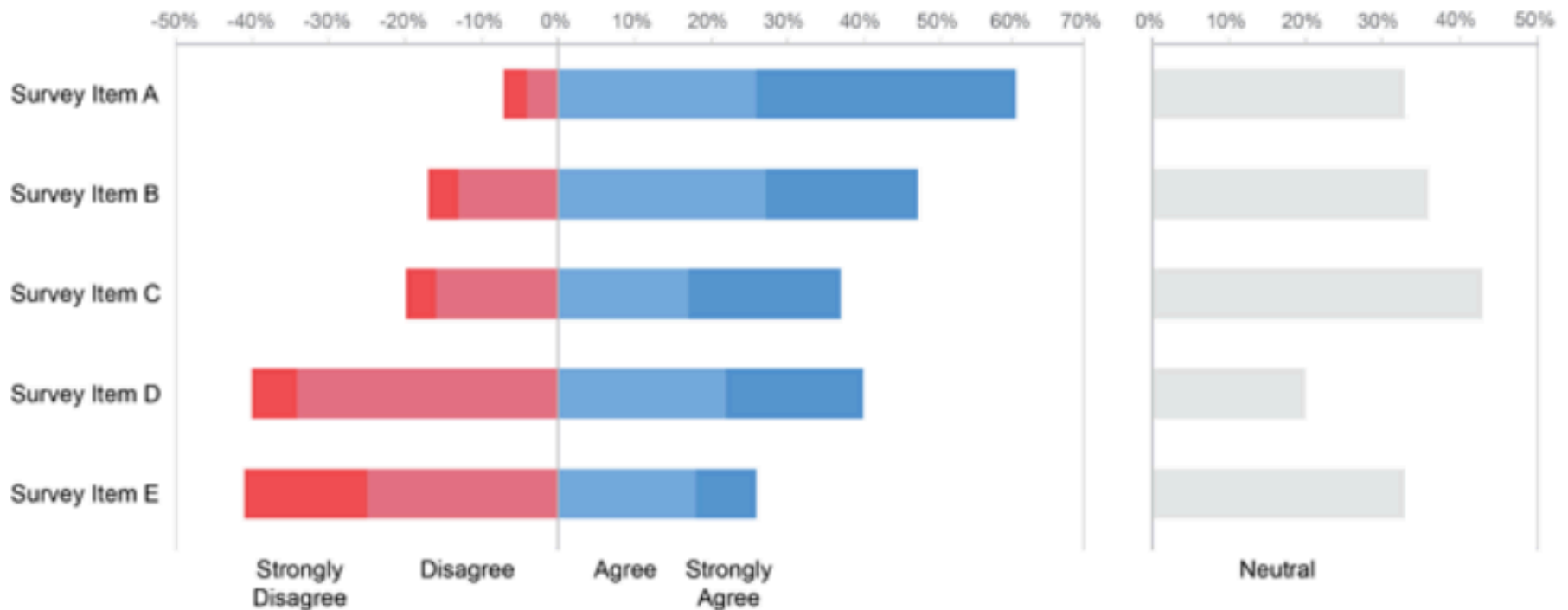
Parts to Whole



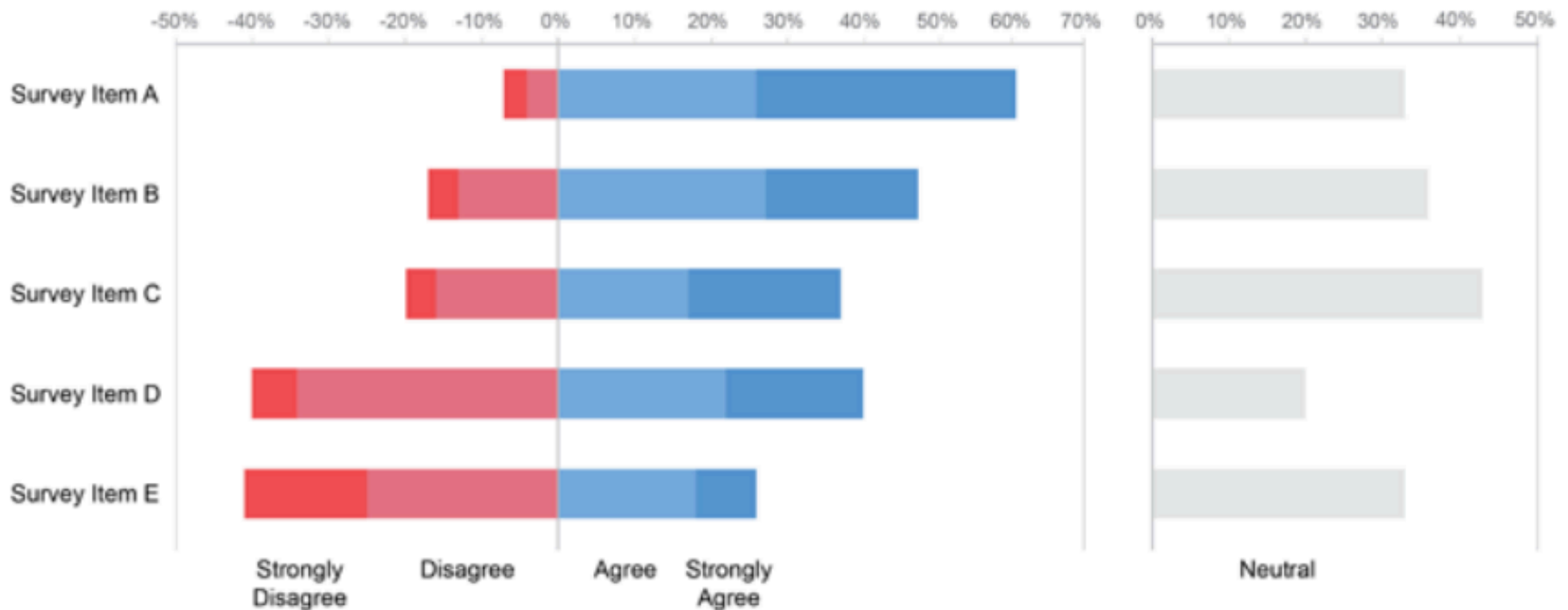
Parts to Whole



Parts to Whole



Parts to Whole



Bullet Graph



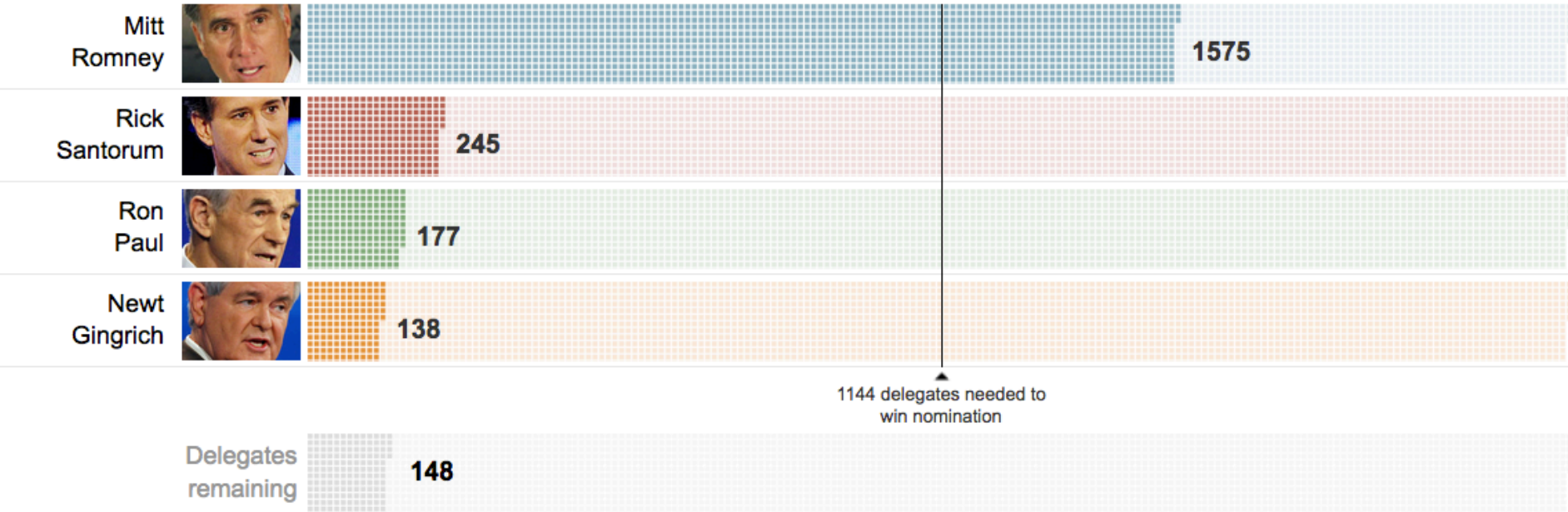
Republican Delegate Tally

The New York Times

FACEBOOK TWITTER

Delegate totals are from The Associated Press, and include the preferences of superdelegates, Republican party leaders who are free to support any candidate.

LAST UPDATED: 6:02 PM ET

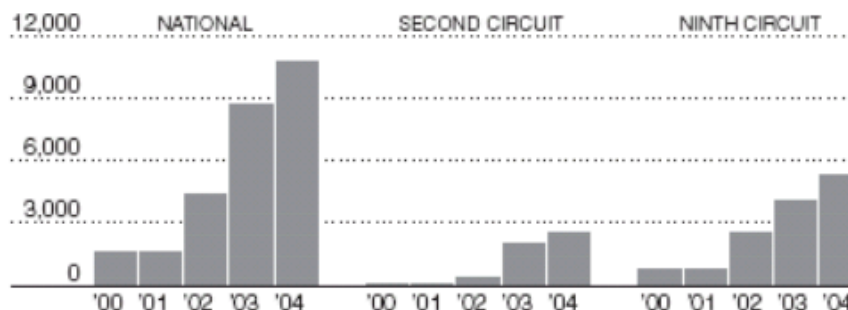


Time Series Comparison

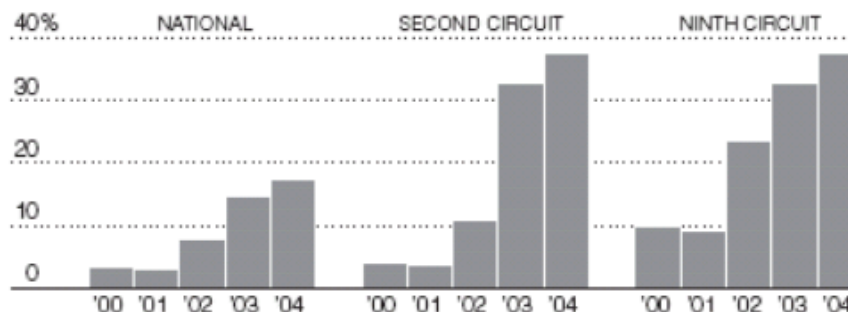
Rise in Immigration Cases

There has been a sharp rise in immigration cases on the dockets of the federal appeals courts, particularly the Second and Ninth Circuit Courts*.

Total Immigration Appeals Filed



Immigration Appeals Filed as a Percentage of All Cases

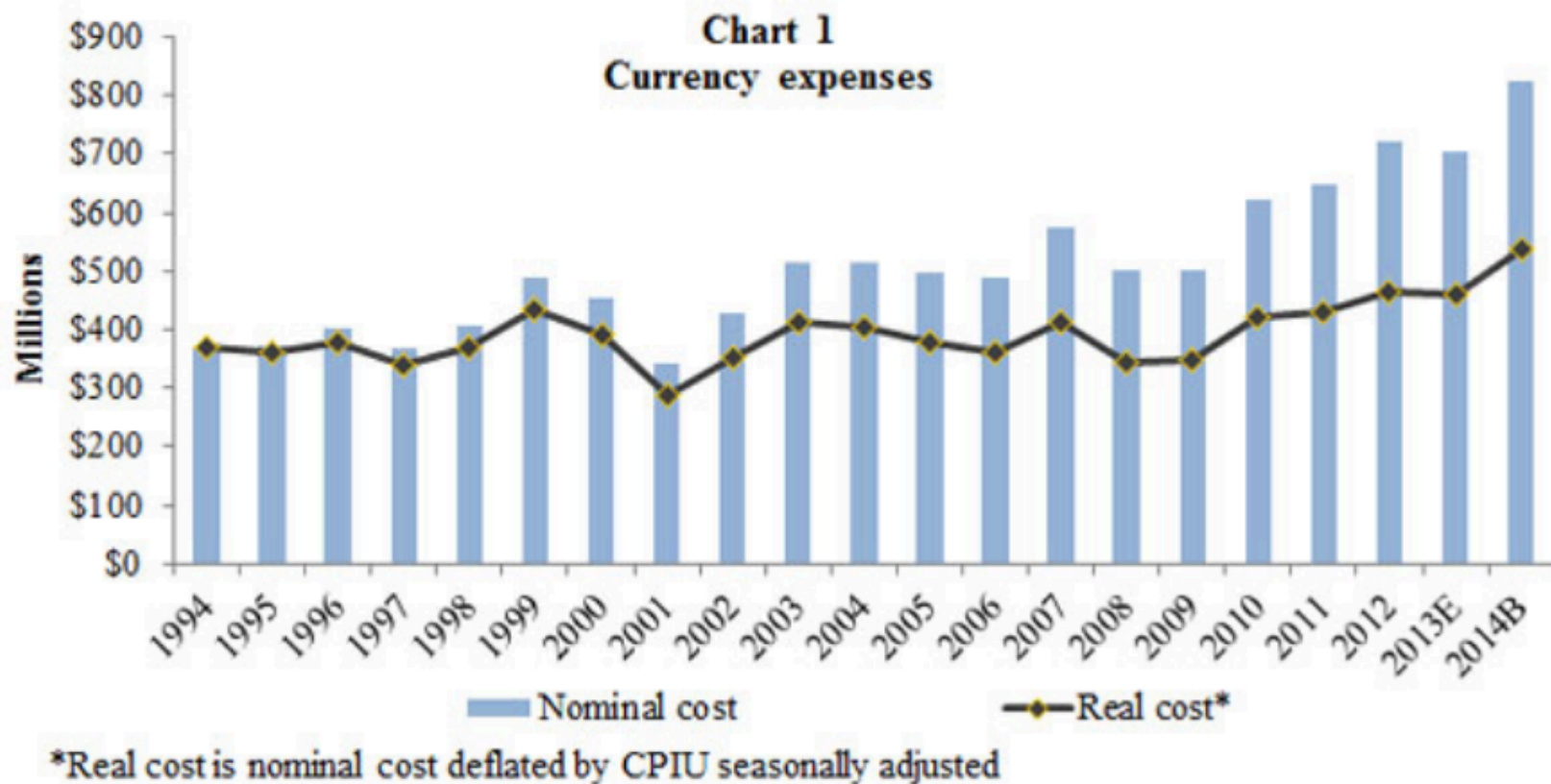


*Second Circuit: Connecticut, New York and Vermont.

Ninth Circuit: Alaska, Arizona, California, Guam, Hawaii, Idaho, Montana, Nevada, Northern Mariana Islands, Oregon and Washington.

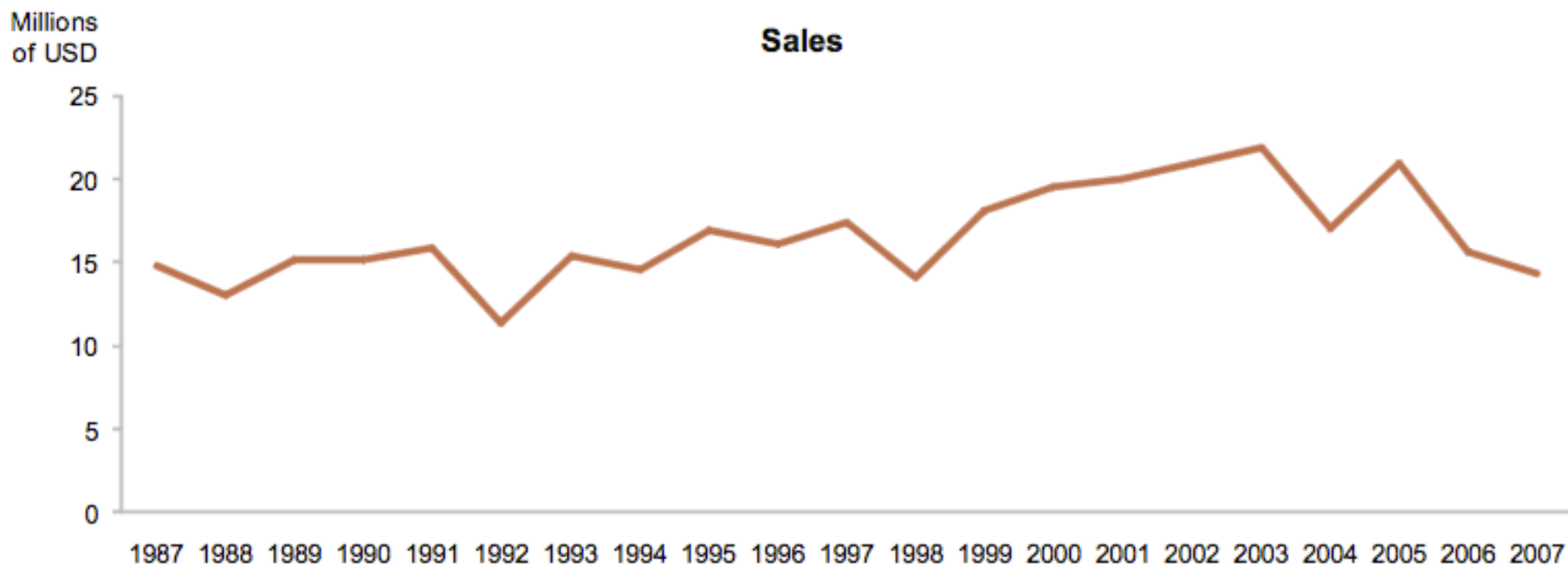
Source: Administrative Office of the United States Courts

Time Series Comparison + Trend

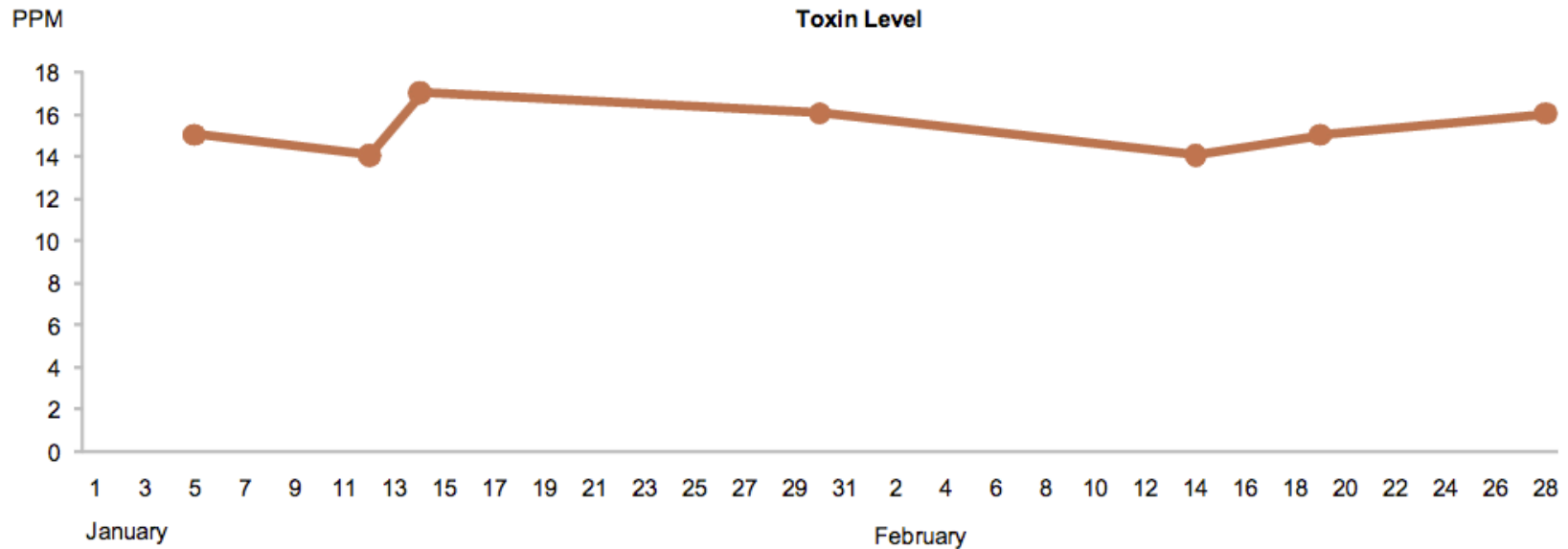


Source: <https://www.federalreserve.gov/foia/2014currency.htm>

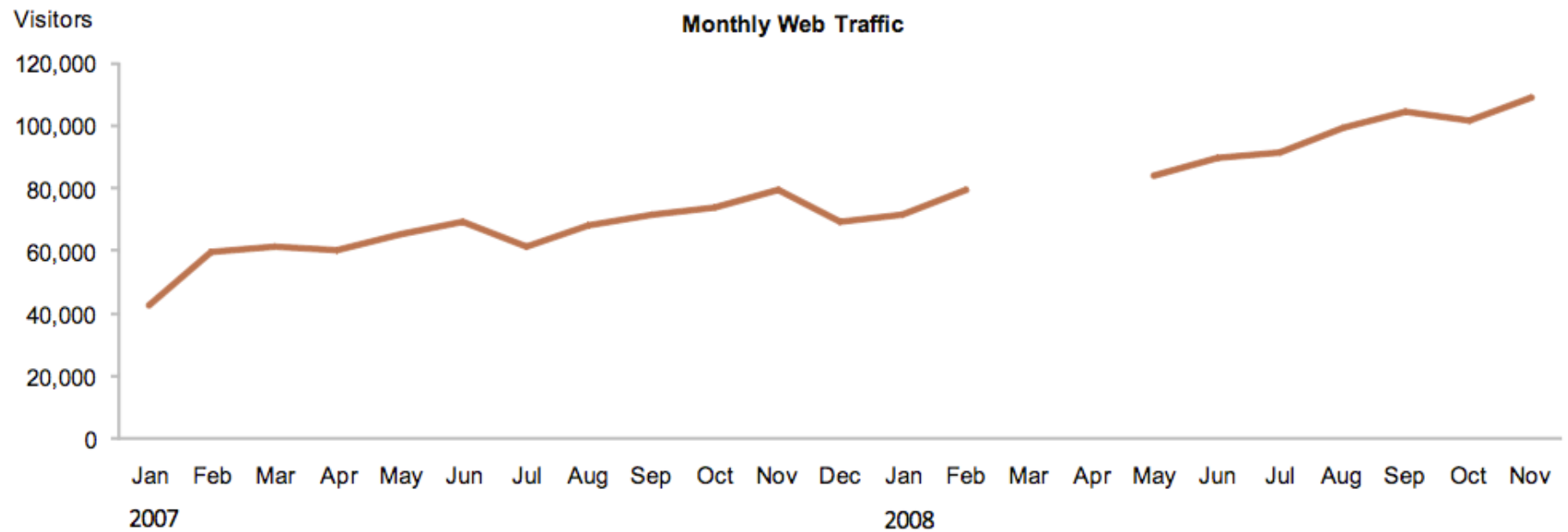
Line Charts



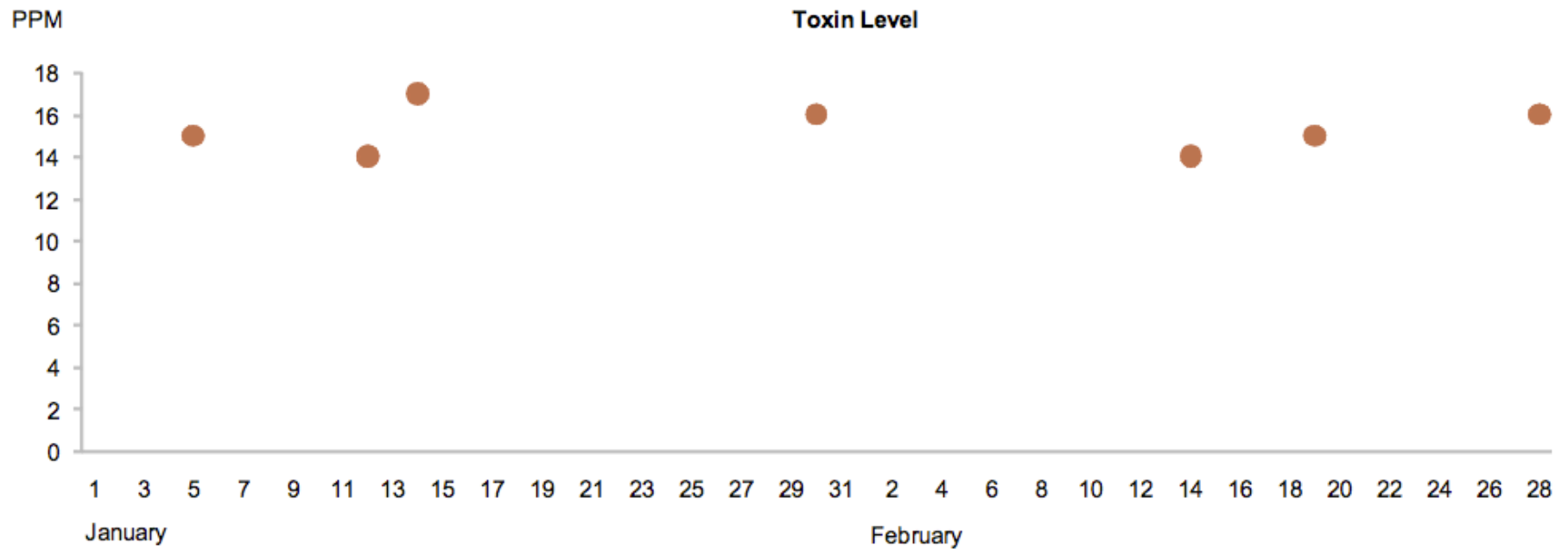
Irregular Intervals

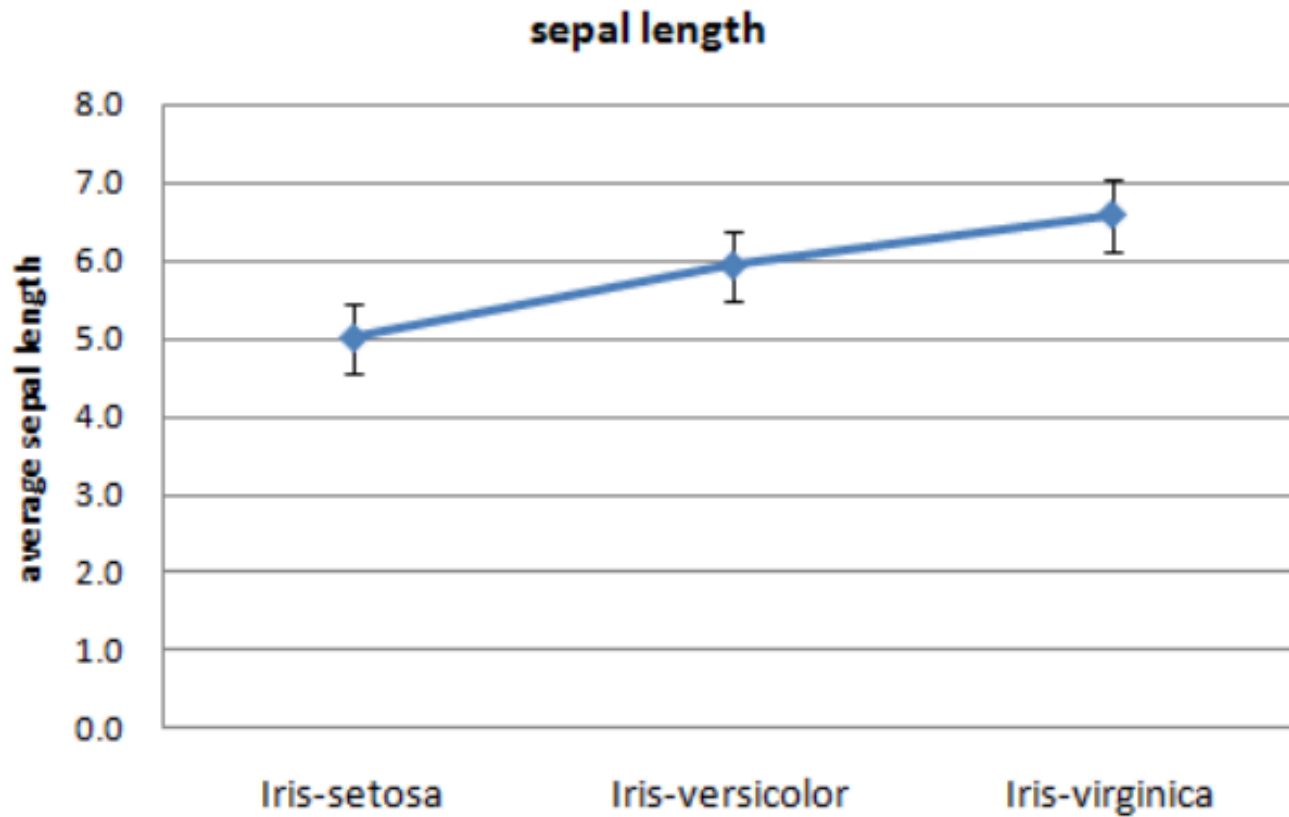


Irregular Intervals



Irregular Intervals





Be careful of this!

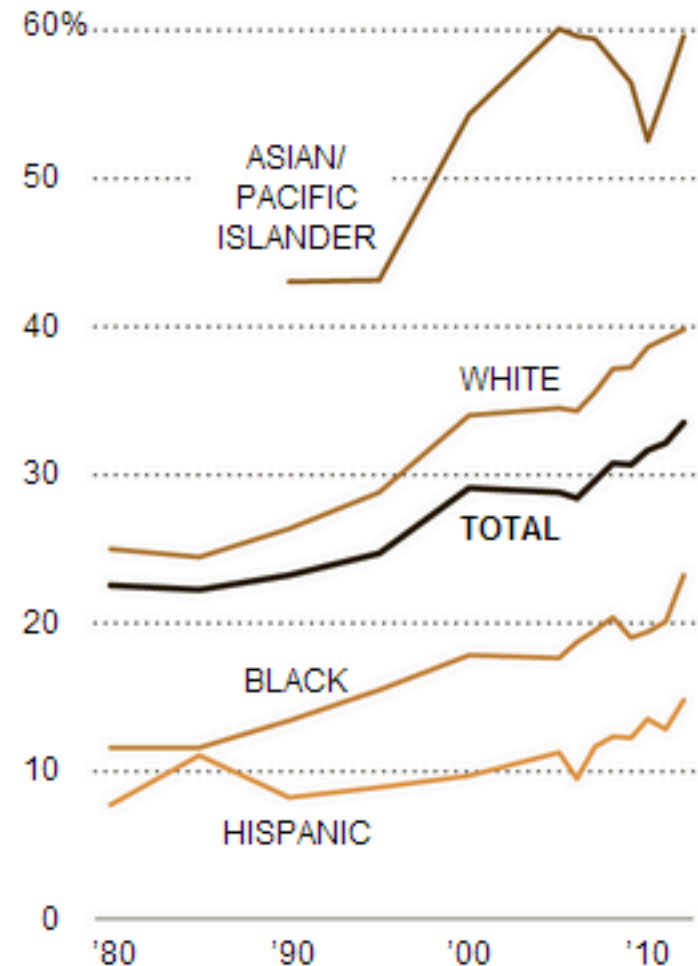
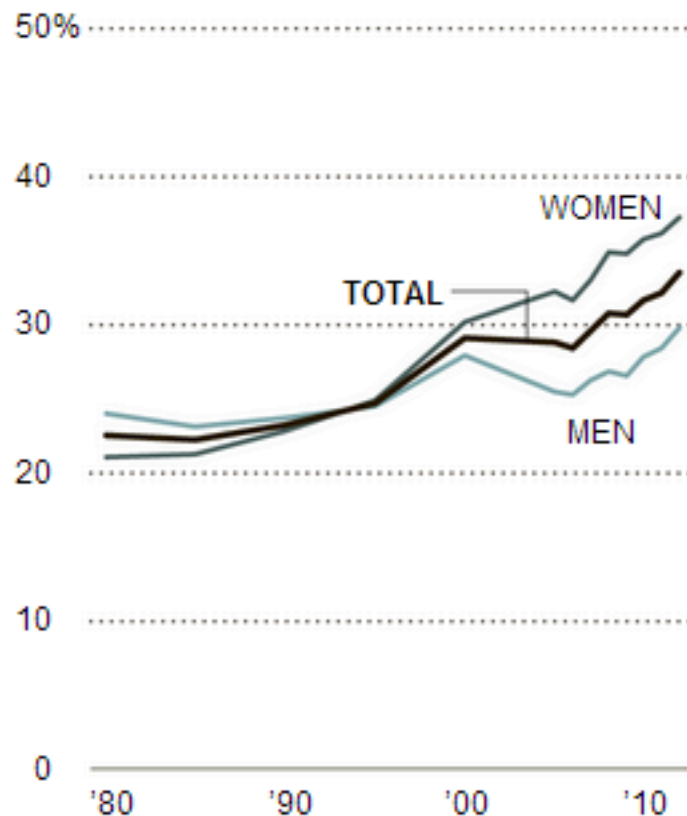
Two Point Change



This works!

Trend Comparison

Share of 25- to 29-year-olds with a bachelor's degree or higher

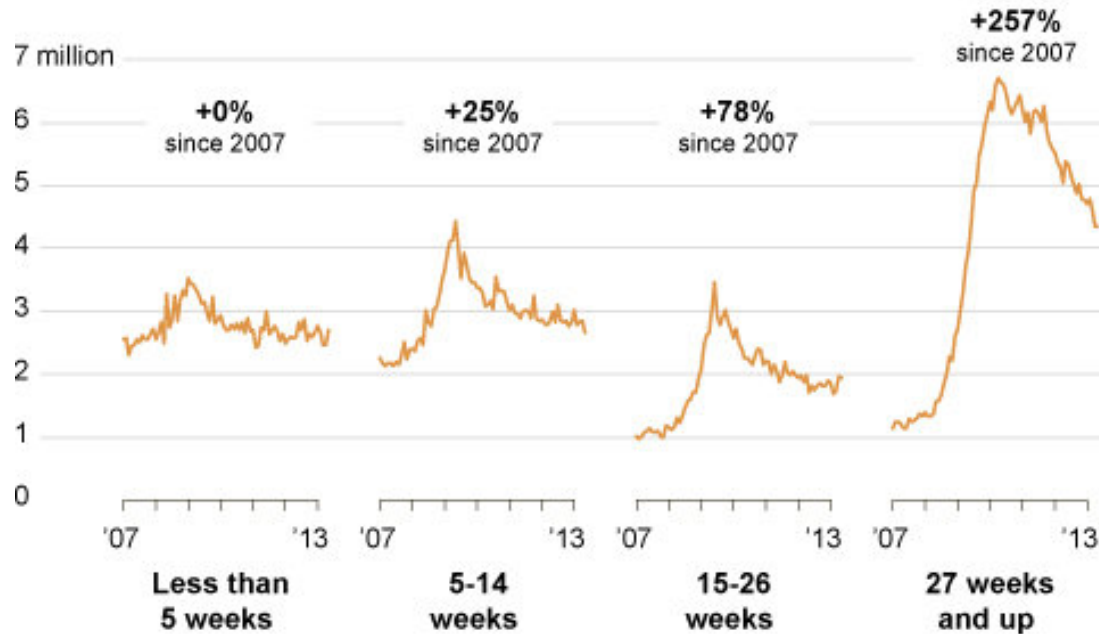


Source: <https://tcf.org/>

Trend Comparison

Persistent Long-Term Unemployment

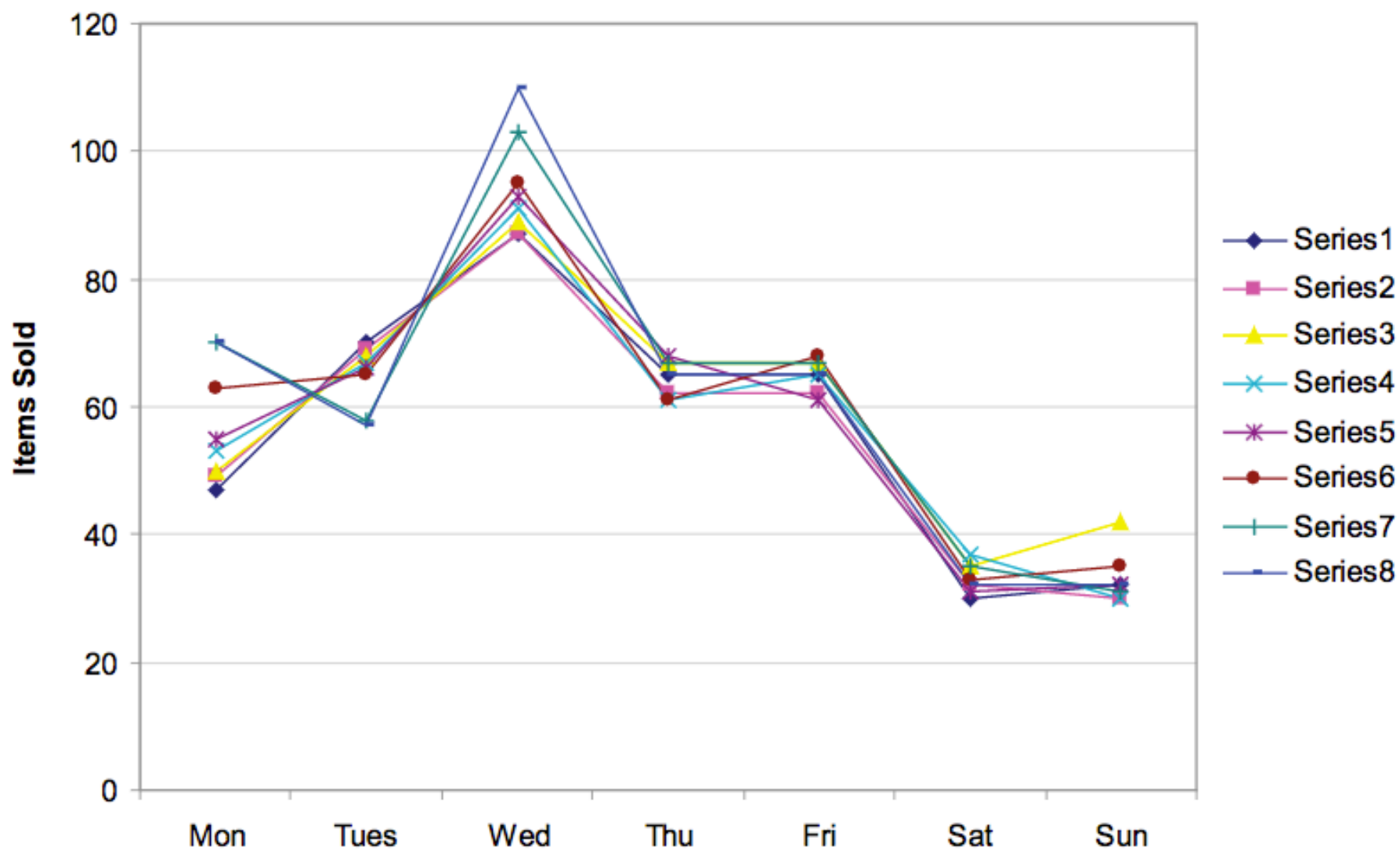
Short-term unemployment is back at its pre-recession level, but medium-duration and especially long-term unemployment are still elevated.



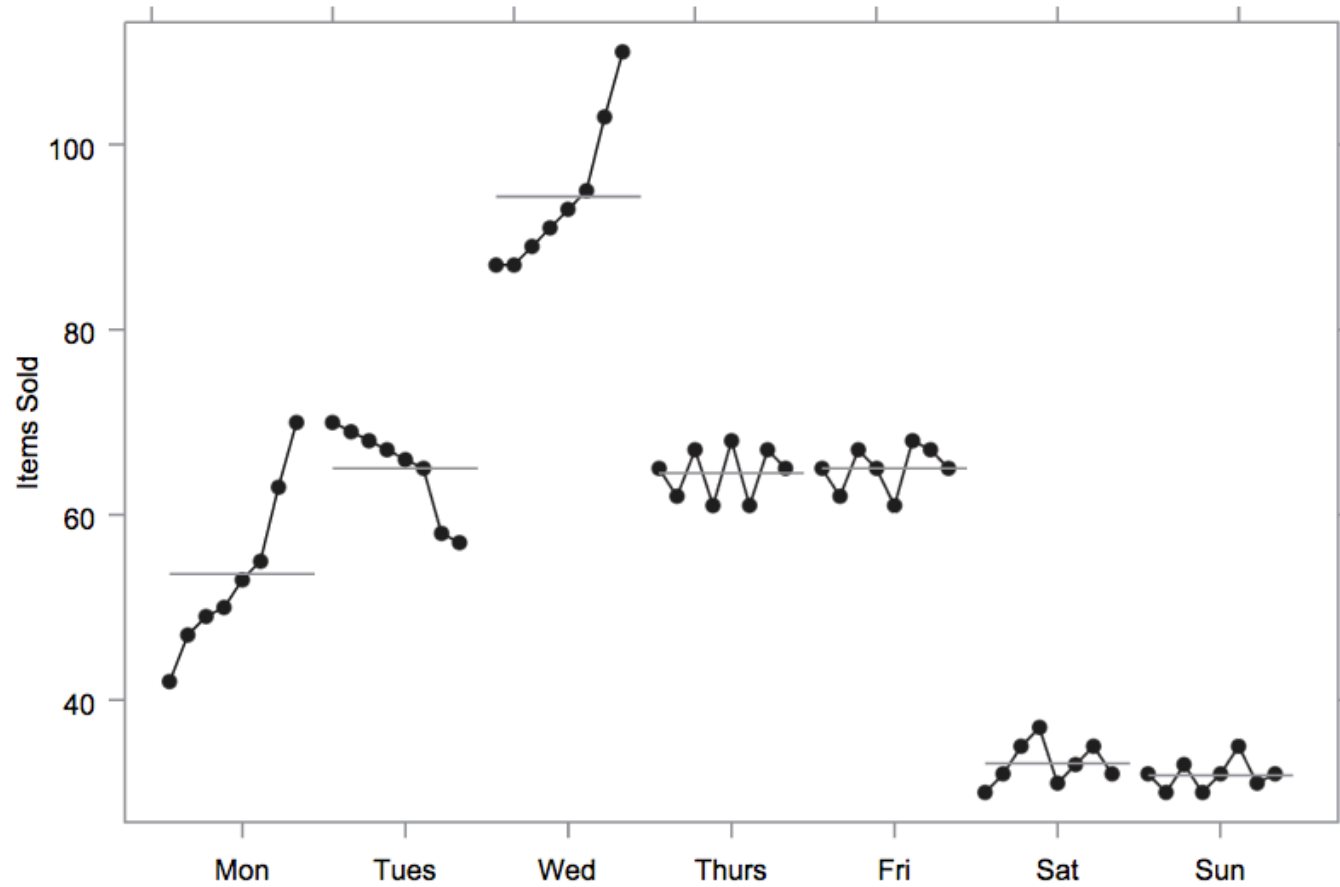
Note: For percentage change, the 2007 figure is calculated as a monthly average for the full year. The 2013 data is calculated as a monthly average for the past three months.

Source: Bureau of Labor Statistics

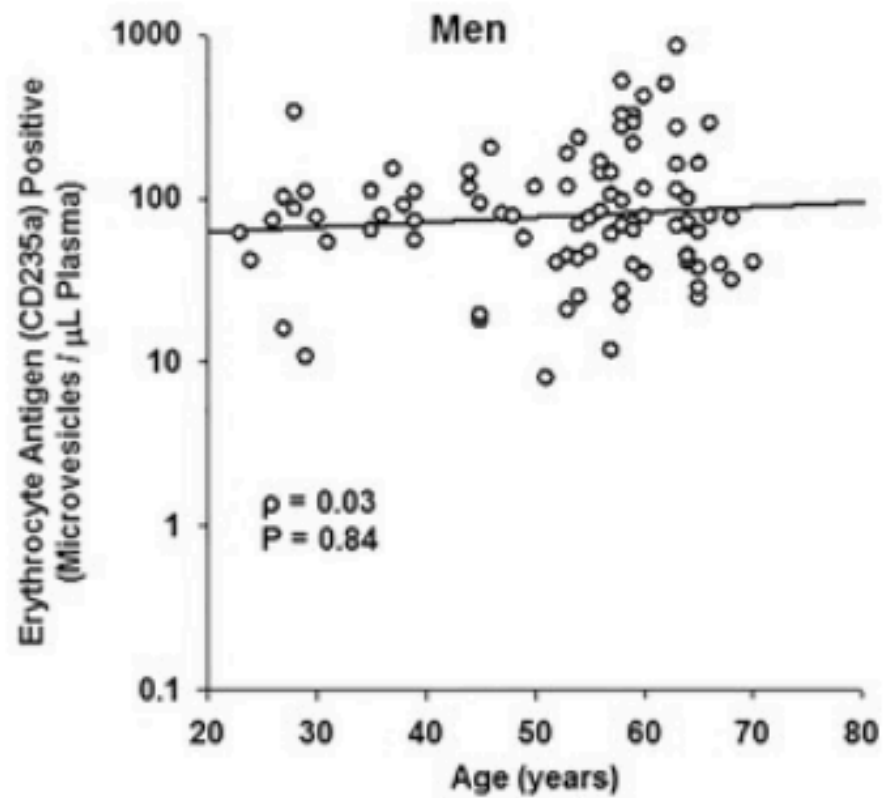
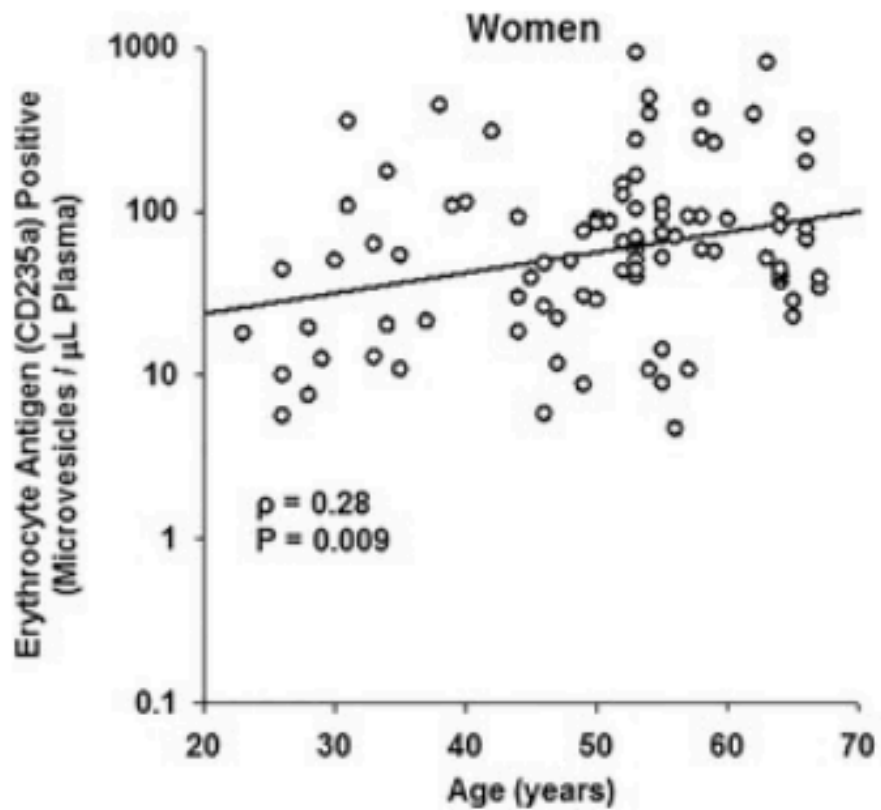
THE NEW YORK TIMES

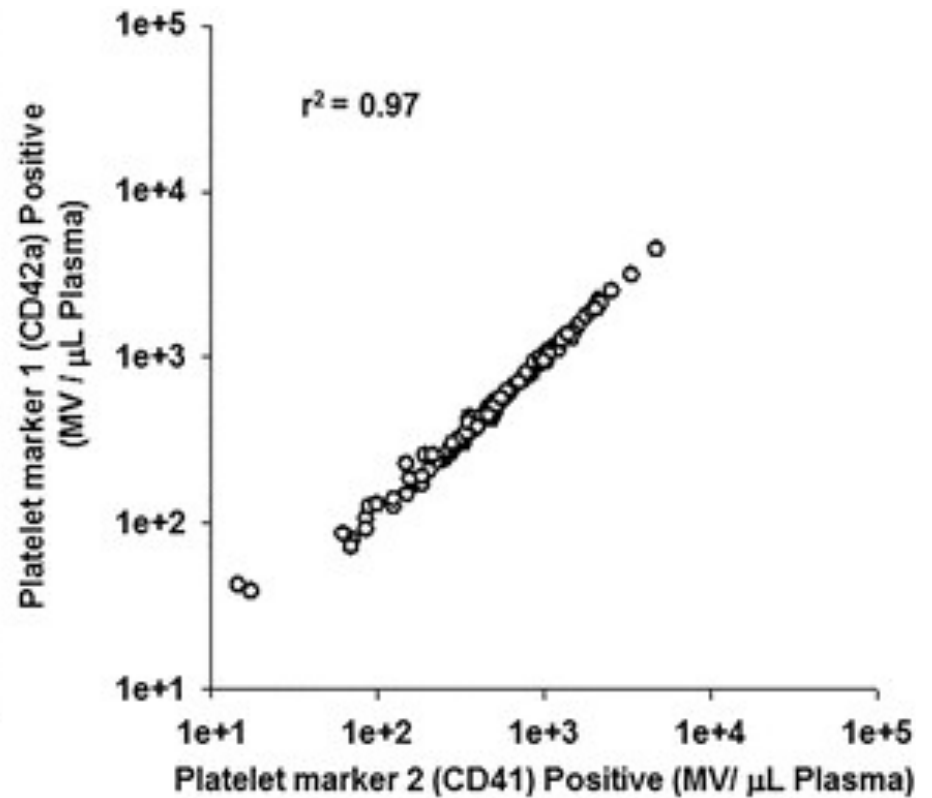
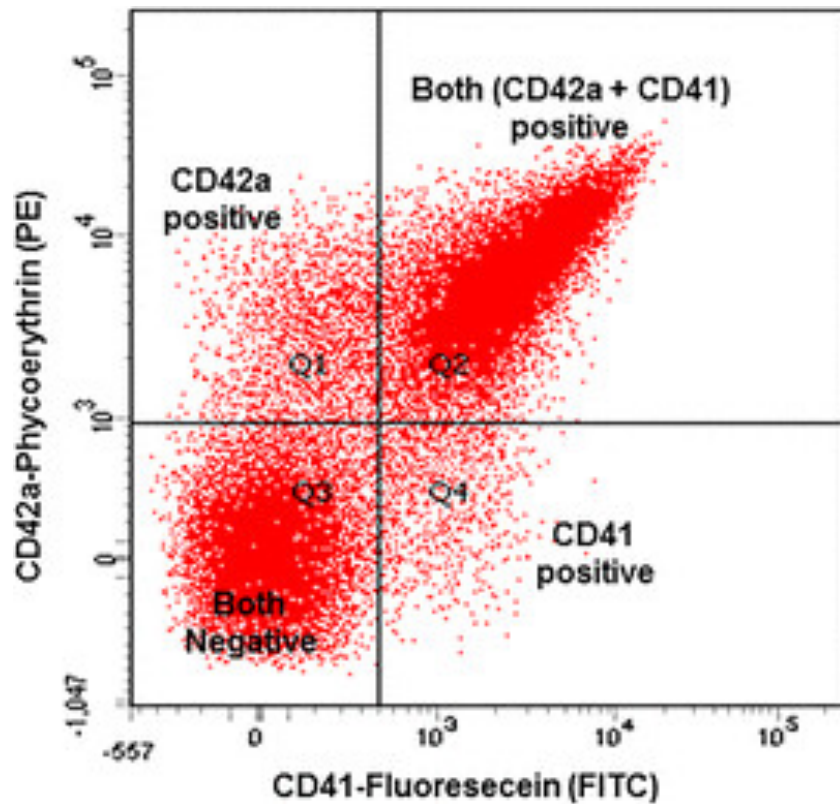


Cycle Plot

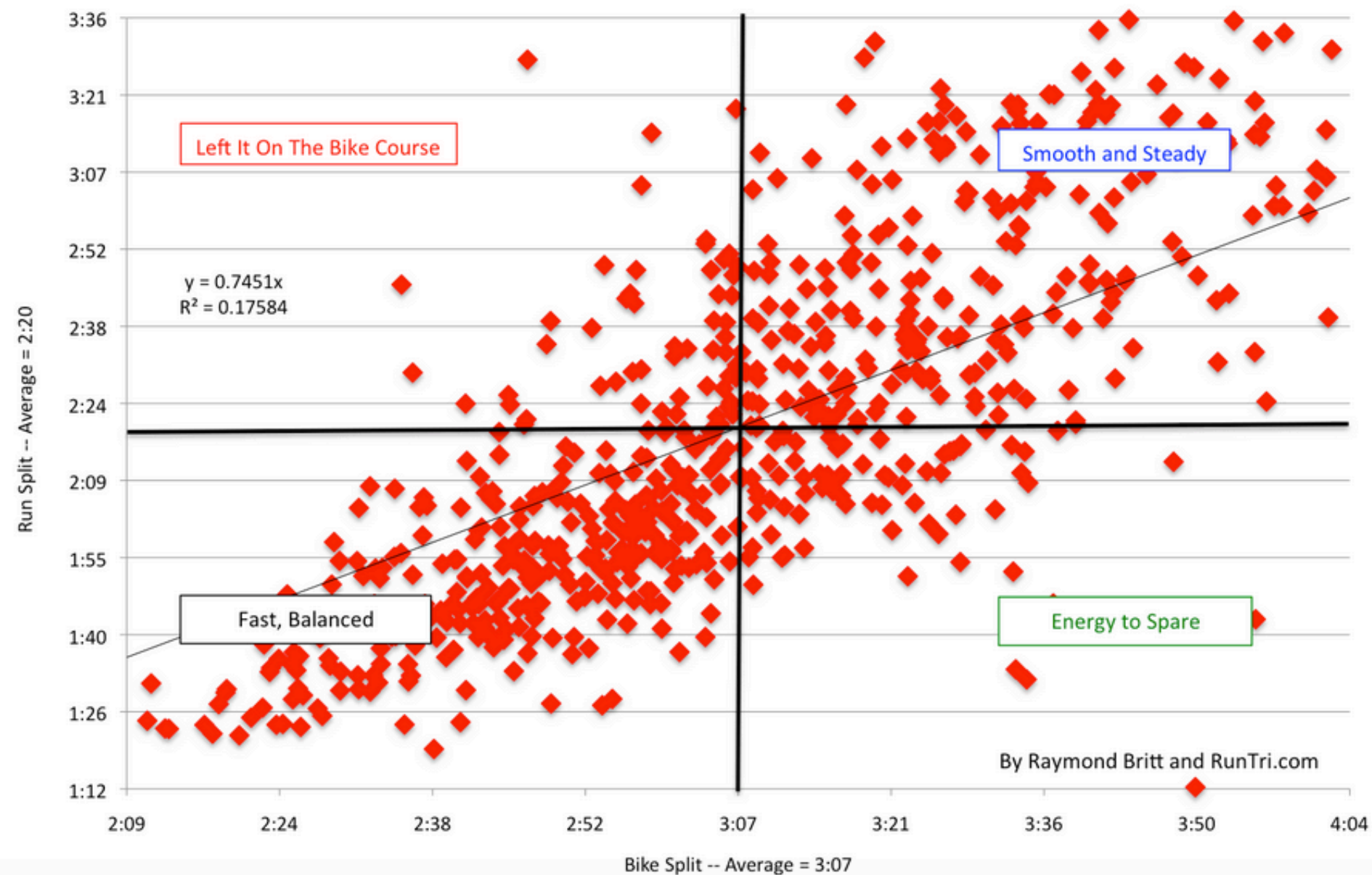


Scatter & Dot Plot

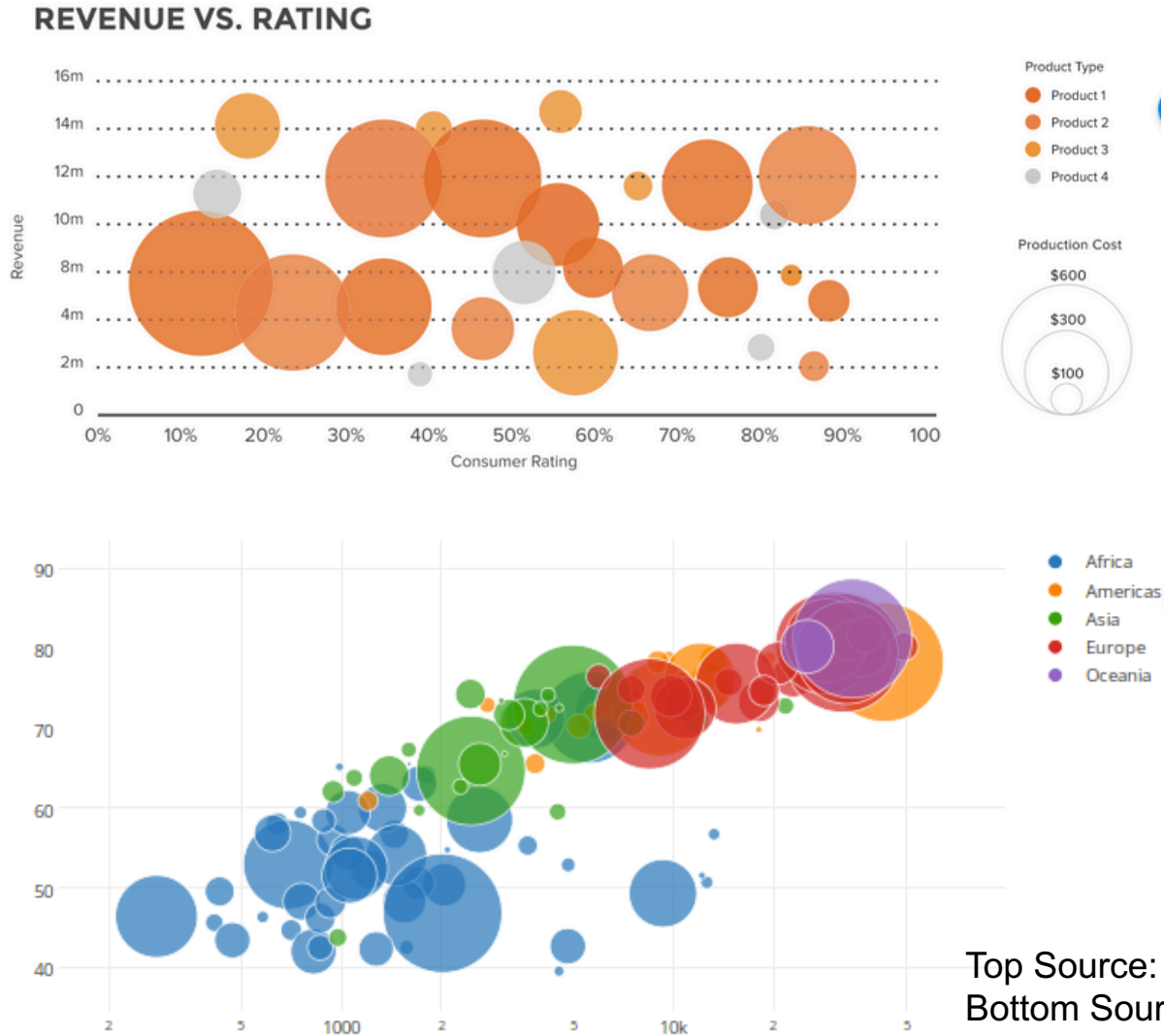




Buffalo Springs Lake Half Ironman: Correlation Between Bike Split and Run Split



Bubble Plot

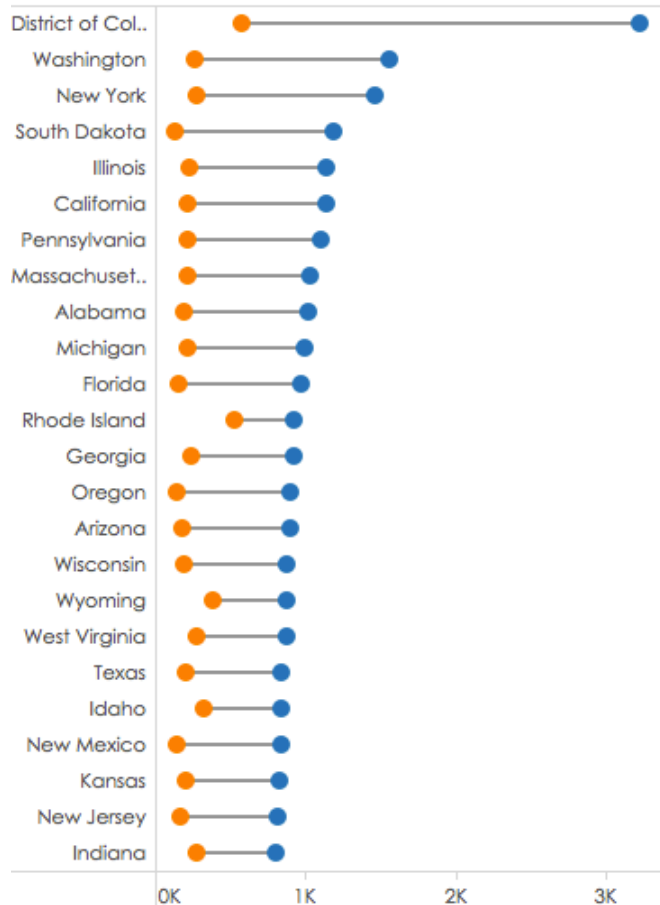


Dumbbell / DNA Chart

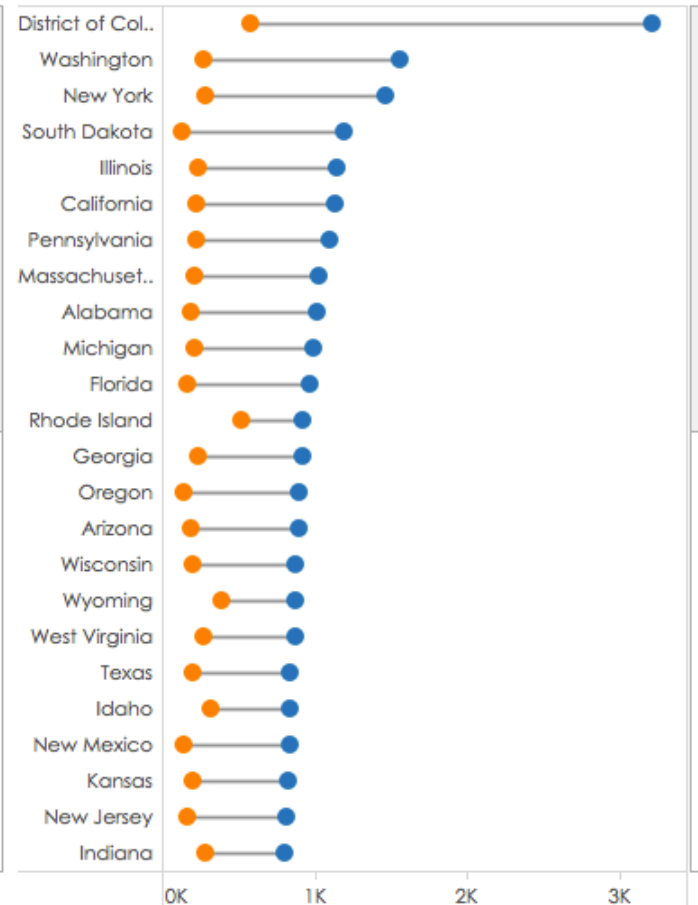
Comparing Avg & Median Sales via DNA Charts

■ Avg. Sales
■ Median Sales

Option 1 (Gantt Chart)

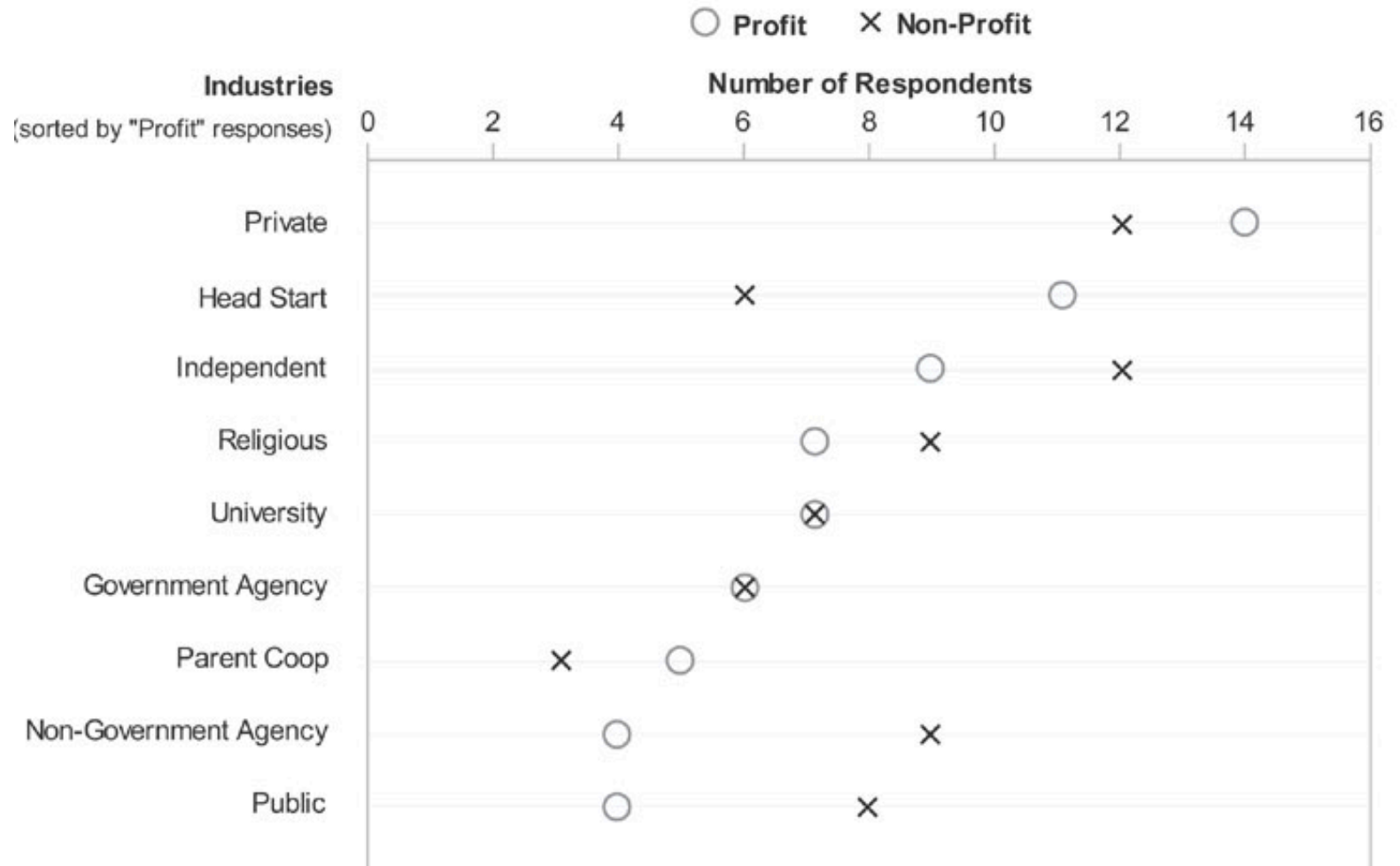


Option 2 (Line Chart)



Source: <https://public.tableau.com/views/DNACHarts/>

Profit vs. Non-Profit Breakdown by Industry of Child Care Center Teachers Who Responded to the Survey



Source: <https://www.perceptualedge.com/>

Berkeley SCHOOL OF
INFORMATION