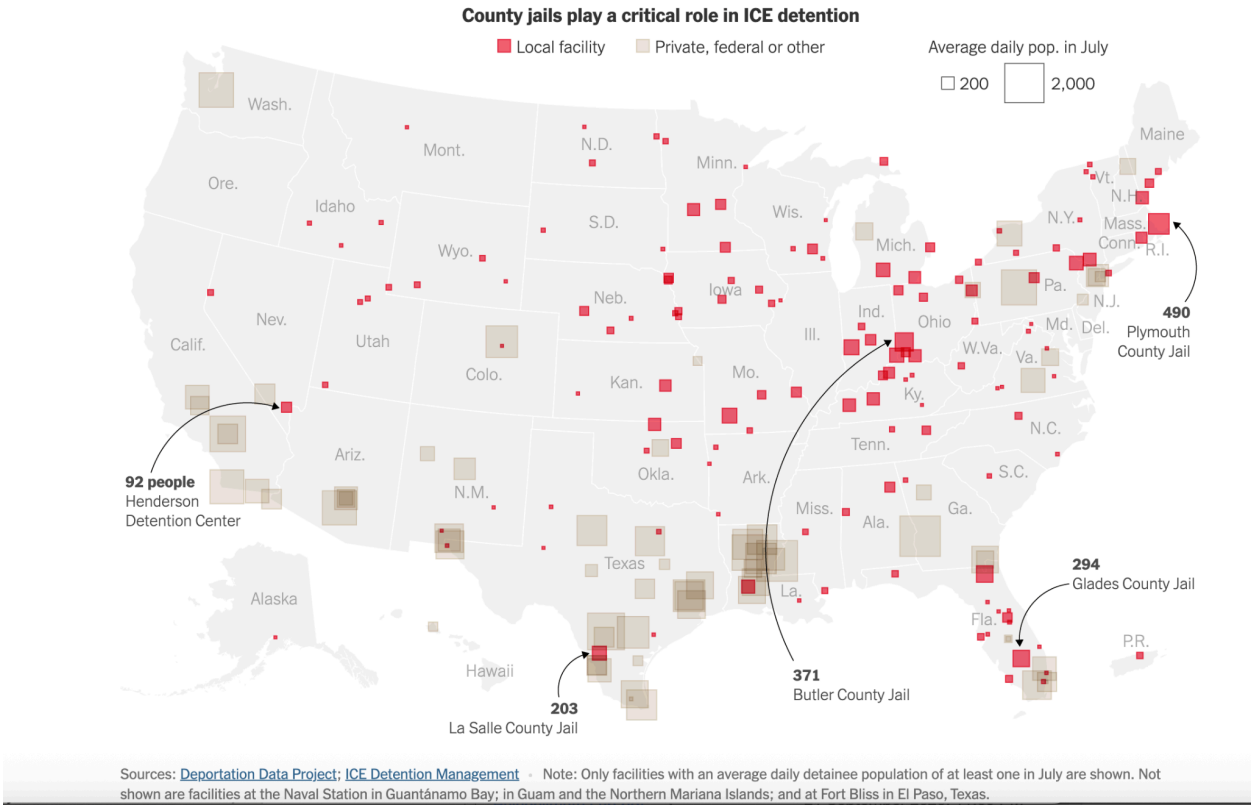
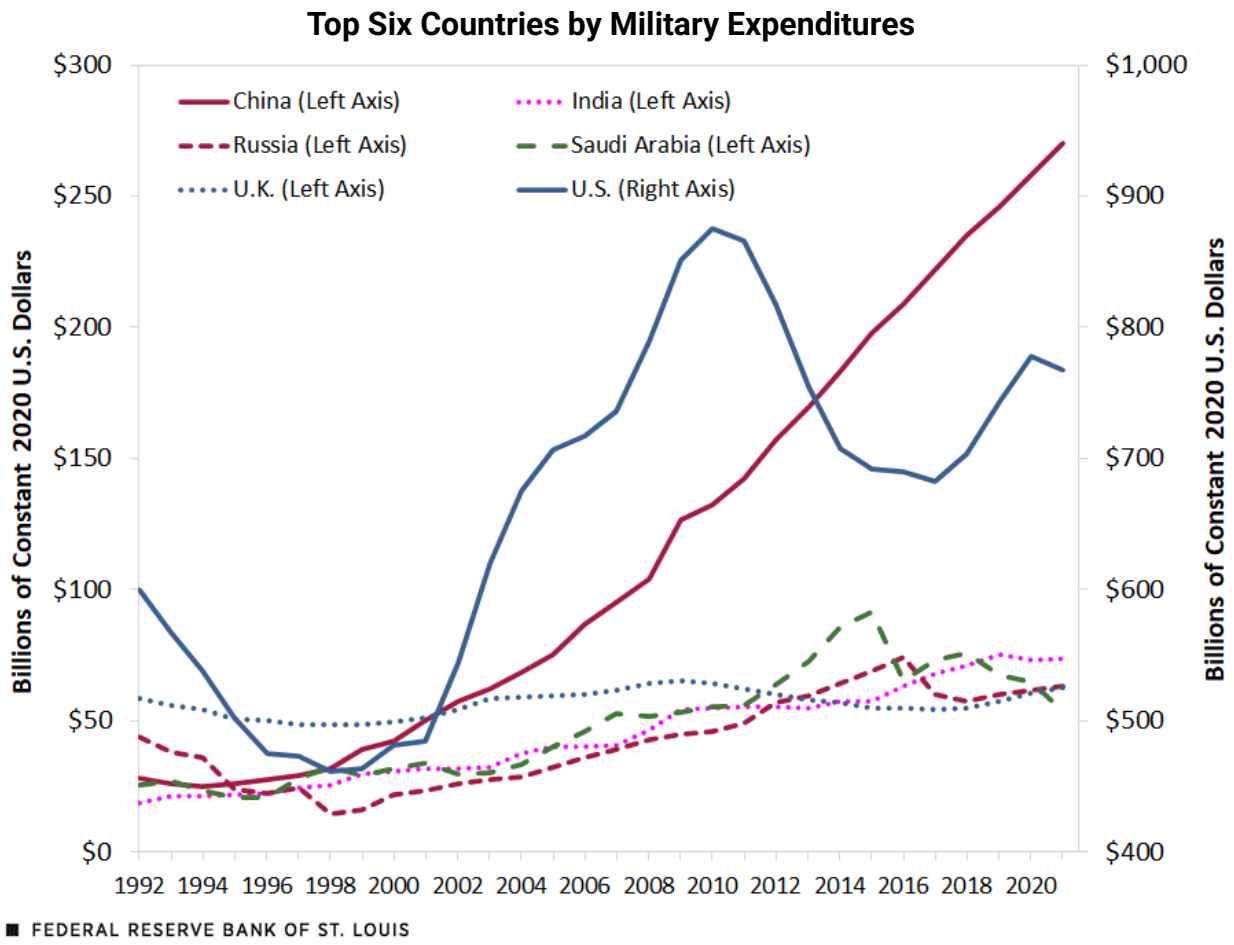


^sources at bottom of screenshot^

https://www.nytimes.com/interactive/2025/09/08/us/politics/ice-detention-county-jails-sheriffs-deportation.html

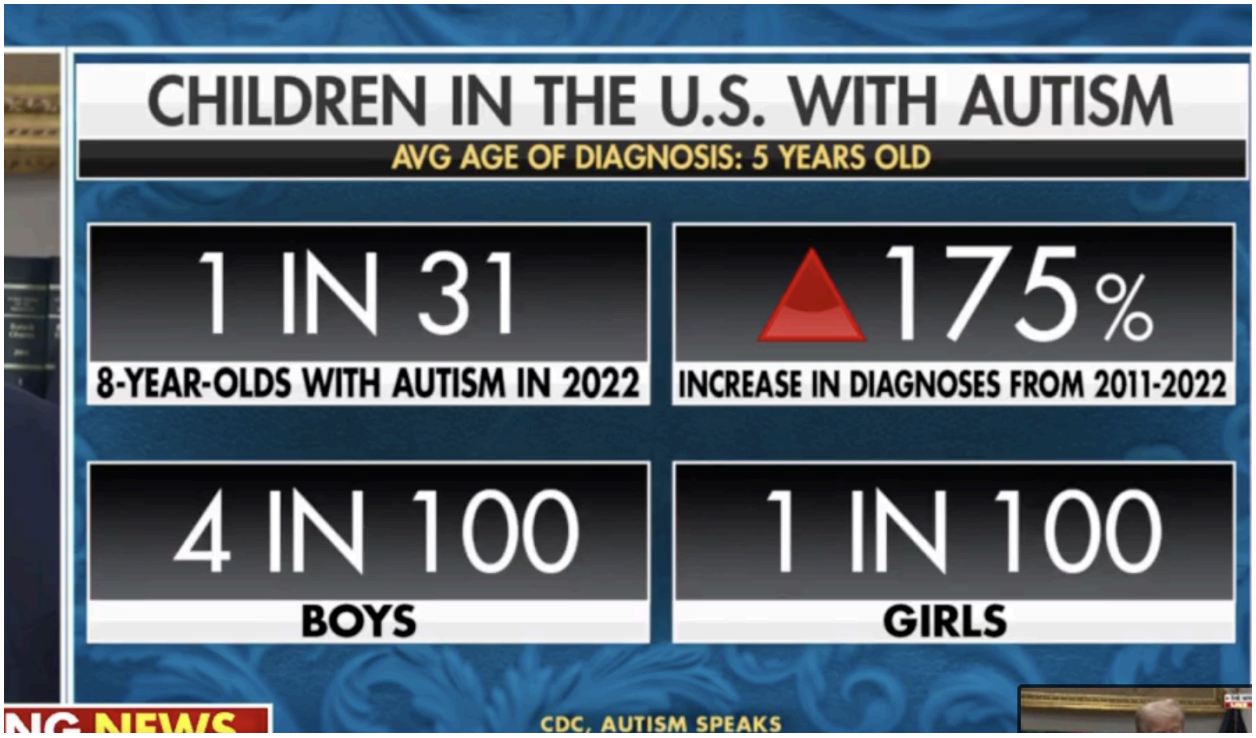
This visualization is attempting to communicate the average daily population of ICE detainees in county jails in July. This visualization is effective because it is not too overwhelmed with data making it easy to read and take in. They only use two colors to distinguish local facilities in red versus private, federal, or other facilities in grey/light tan. Only using 2 distinct colors allows for colorblind people to still be able to differentiate the two. This visualization then uses the scale of its symbology to illustrate the other part of the data, the population. The large squares represent an average daily detainee population of 2,000 and the small square represents 200. This is shown clearly in the key and gives the viewer an idea of what the scale means so they can better interpret the average daily detainee population of the facilities with the in between sizes. Another part of this visualization that is very effective is the few labeled points listing the exact population number and the name of the facility. This just adds to understanding of what the sizes of the squares represent showing exactly what size square a population of 92 is versus 490. They also make the map a nice light grey with clear but not distracting state labels so you can see the locations of these facilities but the map does not distract from the data they are really trying to illustrate.



SOURCES: Stockholm International Peace Research Institute and authors' calculations.
https://www.stlouisfed.org/on-the-economy/2023/jan/military-expenditures-how-top-spending-nations-compare

This visualization is attempting to communicate the top six countries in military expenditures and how they compare to each other from 1992-2021 in terms of constant 2020 U.S. Dollars. The top six countries were decided based on those with the highest defense spending from 2017 to 2021. This visualization is ineffective mainly due to its misleading scale. If you see in the key, the five countries that aren't the U.S. are graphed using the y-axis on the left side which ranges from $0-$300 billion. However, the U.S. is graphed using the y-axis which has a range of $400-$1,000 billion. This makes the data being shown very misleading as it makes it seem like U.S. defense spending is more or less in line with the other top countries. When in reality the bottom of the U.S. y-axis starts above the top point of the other country's y-axis so the U.S. is spending drastically more than the other top countries. This graph aims to highlight China's defense spending making it seem like it is increasing drastically and has now surpassed the U.S. but it is still far below the U.S. in terms of defense spending. Another way in which I think this visualization is ineffective is its use of colors, they are too similar making it not as easy to differentiate the countries and making colorblind people have a harder time.

Extra ineffective visualization:



https://www.foxnews.com/video/6379943934112

This visualization is attempting to communicate the increase in rates of children with autism in the US. In terms of the context of this visualization, it is being used to show how tylenol use in pregnant mothers is leading to increased rates of autism in children. This visualization is ineffective because of lacking data. They are using this data very out of context trying to show that tylenol is what is causing increasing autism rates because they are lacking any real data to back up that claim. All this visualization is actually showing is that there are more diagnoses of autism in children compared to 10 years ago or more. But this chart is not including data about the increase in autism testing and autism awareness leading to more children actually getting diagnosed.