

# Main Street vs. Wall Street: The Geography of Corporate Capital

Project 2 Group 6

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# Our Story

Is there really such a thing as a National Economy, operating as a single entity and representing the nation as a whole? Or are nations really a collection of many diverse local and regional economies interacting with each other within a national border?

To examine these two narratives, we've created an interactive dashboard allowing users to explore geographic concentrations of corporate wealth in the U.S., composed of companies in the S&P 500.

Our dashboard allows users to compare corporate market capital vs. median household income within the same state. It shows 3 visualizations:

1. A US choropleth map of combined corporate market capital with popups
2. Hexbin chart of Median Household Income with popups
3. Circle chart of Median Household Income with popups
4. And a Diamond chart of Median Household Income with popups

We use PostgreSQL as our database.

# Research Questions

- How is corporate wealth distributed geographically across the U.S?
  - It seems that Main Street and Wall Street are not representative of each other.
- How does corporate wealth compare with median household (MHI) income in the same regions? (Main Street vs. Wall Street comparison)
  - While MHI is shows some variation state-to-state (eg. +/- \$20k), it is much evenly spread geographically when compared to concentrations of corporate capital.

# Datasets & References

1. Wikipedia S&P 500 / NASDAQ 100 Company headquarter locations (by city)
  - a. [https://en.wikipedia.org/wiki/List\\_of\\_S%26P\\_500\\_companies](https://en.wikipedia.org/wiki/List_of_S%26P_500_companies)
  - b. <https://en.wikipedia.org/wiki/NASDAQ-100>
  - c. <https://www.sec.gov/edgar.shtml>
2. Bureau of Labor Statistics (BLS), for the regional Consumer Price Index (CPI)
  - a. <https://www.bls.gov/cpi/>
3. Bureau of Labor Statistics (BLS), Unemployment Rates for States
  - a. <https://www.bls.gov/web/laus/laumstrk.htm>
4. SOI Tax Stats - Gross Collections, by Type of Tax and State - IRS Data Book  
<https://www.irs.gov/statistics/soi-tax-stats-gross-collections-by-type-of-tax-and-state-irs-data-book-table-5>
5. Median Household Income, U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements (CPS ASEC)
  - a. <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmar20.pdf>
6. Financial data - Market Cap
  - a. Financial Data - <https://www.wsj.com/market-data/quotes/AAPL/financials/annual/income-statement>
  - b. Historical Price - <https://www.wsj.com/market-data/quotes/AAPL/historical-prices>
7. HTML5 Up <https://html5up.net/>
8. Highcharts <https://www.highcharts.com/>