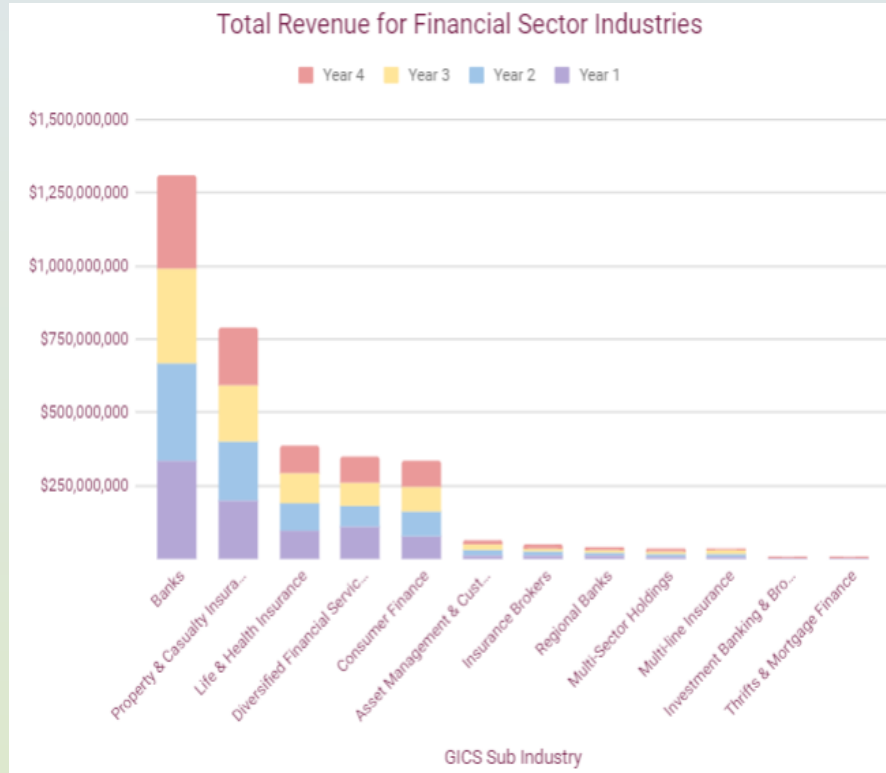


Analyzing New York Stock Exchange Data

By Libertad Rodriguez

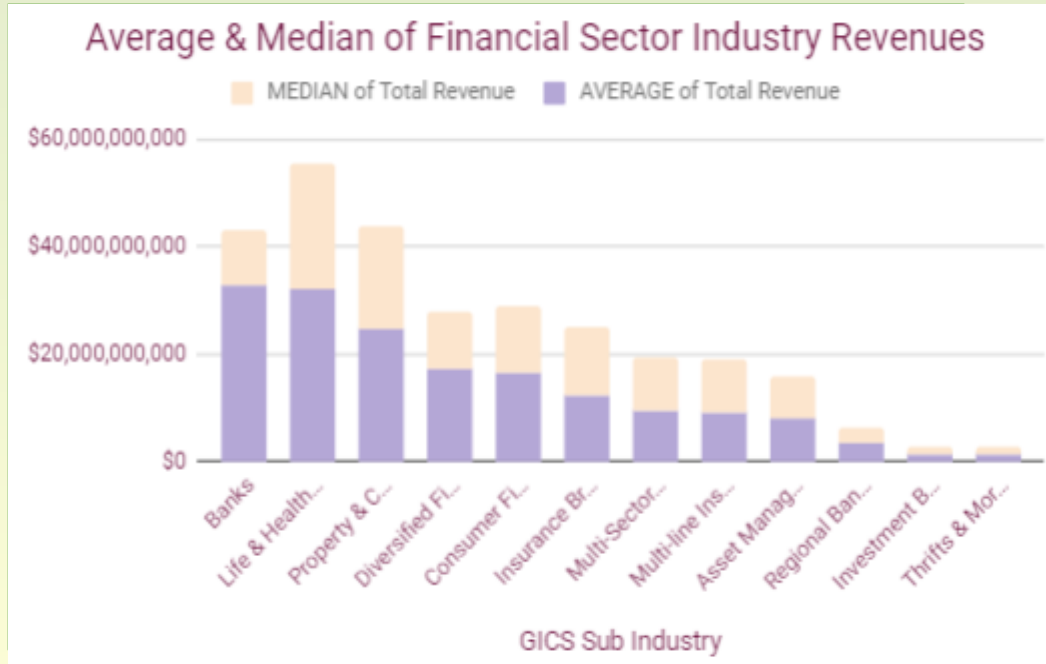
What are the most profitable sub industries of the financial sector?



It's clear to see that banks are consistently bringing in the most revenue, both overall and comparatively by year. This chart is positively skewed which tells us that the mean is higher than the median.

Banks account for nearly 40 billion or 38.42% of the total revenue, making them the most profitable by a significant margin. Their standard deviation is \$21,914,070,070 higher than Property & Casualty Insurance, the second most profitable sub industry.

Most profitable sub industries of the financial sector continued

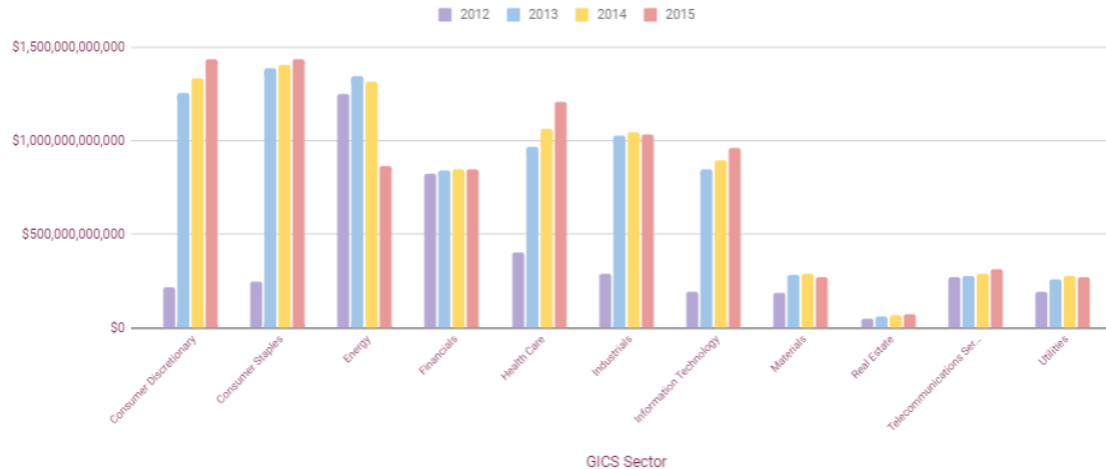


When looking deeper into median and mean values, we get further insights, showing us that banks barely hold the lead in terms of mean while falling behind significantly when comparing median values. This tells us that bank revenue is more volatile with some banks generating considerably more revenue than others. Meanwhile, life and health insurance appears to be a more stable industry, with the revenue income being shared more uniformly throughout the participating companies.

What is the mean growth rate of all sectors from 2012 to 2015?

Consumer discretionary spending and consumer staples have seen a substantial growth rate as has healthcare and industrials. These large mean growths also signify volatility and a higher risk investment. Energy got hit the hardest in 2015 with an over 30% revenue loss. Financials, utilities, and real estate have been the most stable over this period of time with average revenues accurately reflecting total revenues. This suggests that these sectors would provide excellent long term choices for potential investors.

Total Revenue of NYSE sectors from 2013 to 2015



Growth Rate				
GICS Sector	2013	2014	2015	Mean
Consumer Discretionary	101.75%	10.75%	0.78%	37.76%
Consumer Staples	77.18%	4.32%	-1.11%	26.80%
Energy	-20.37%	-2.33%	-34.31%	-19.00%
Financials	-15.56%	1.14%	-0.52%	-4.98%
Health Care	28.49%	9.79%	15.88%	18.05%
Industrials	48.34%	3.61%	-2.78%	16.39%
Information Technology	43.80%	1.55%	3.95%	16.43%
Materials	9.33%	3.72%	-11.65%	0.47%
Real Estate	10.16%	10.90%	8.29%	9.78%
Telecommunications Services	1.99%	3.82%	7.27%	4.36%
Utilities	12.29%	7.06%	-2.58%	5.59%
Grand Total	11.29%	3.99%	-3.51%	3.92%

Thank You