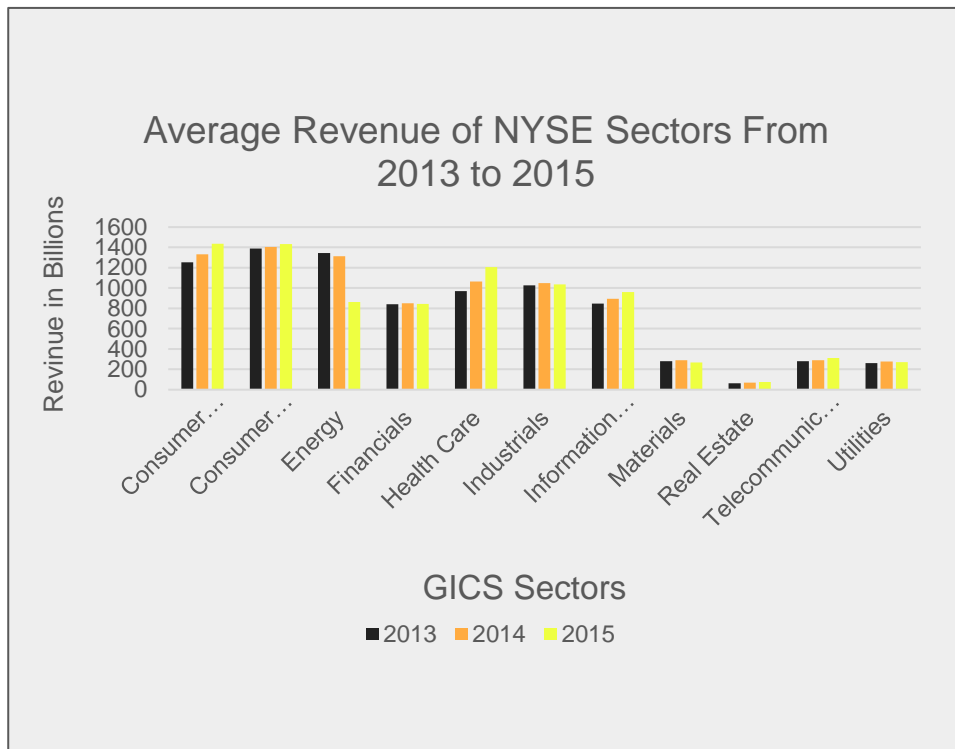


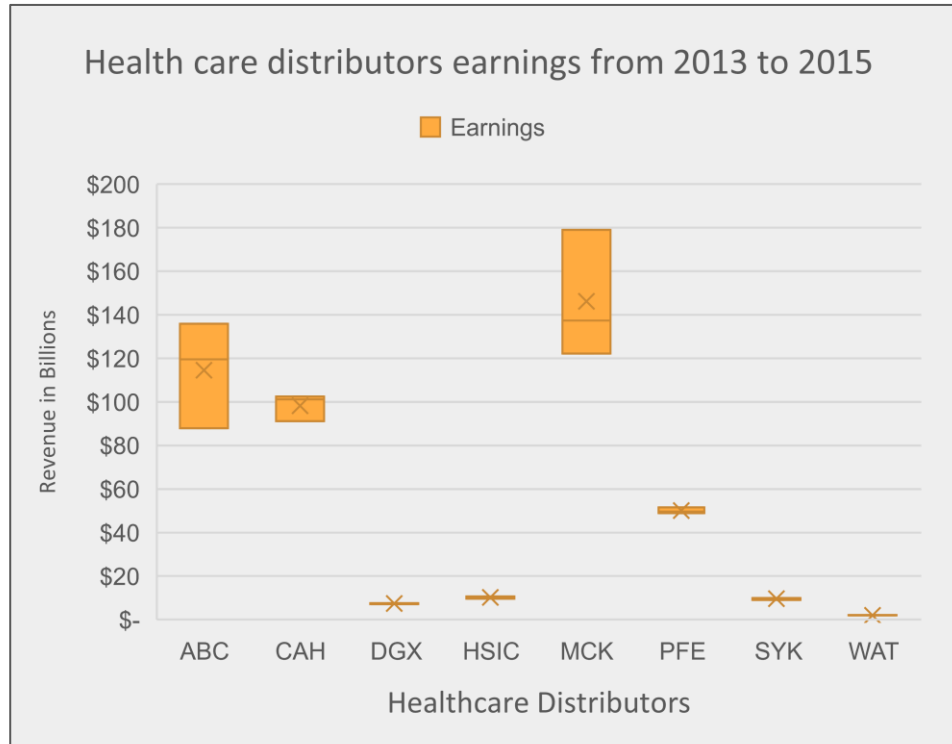
NYSE Project

# What is the mean growth rate of NYSE Sectors from 2013 to 2015



- In energy sector there is drastic decline in 2014 with 2% and in 2015 with 52%. It has highest standard deviation of 269 billions and highest range 481 billions due to its market fall. Its average growth rate is of energy sector is -27%.
- There is mean growth rate of 10% in Health care sector from 9% in 2014 and 12% in 2015 with variance of 3%. This means average growth rate of health care sector is 10%.
- There are other sectors such as Consumer Discretionary with mean growth rate of 7%, Information technology with mean growth rate of 6% and real estate with mean growth rate of 6% are sectors where persons can invest.
- Financial sector is **stable** mean growth rate is 0% . This sector struggle too much with lowest standard deviation of 4.8 billion.
- Median for healthcare sectors is 10 billion that means 50% of average revenue is 10 billion for healthcare sectors.

# How spread out earnings of Healthcare distributors from 2013 to 2015



- From the boxplot we can see that there is near to 70 billions revenue is separated into two half's.
- MCK has highest earnings of 179 billions in 2015. Mean growth rate for MCK is 17% with highest range of 56 billions because of its market growth. ABC has range 48 billions. As compared to ABC, MCK has higher spread.
- ABC and CAH are healthcare who comes in category of above 70 billions revenue. Standard deviation of ABC is 24 billions while standard deviation of CAH is 6 billions that means ABC has higher spread than CAH.
- DGX, HSIC, PFE, SYK and WAT are distributors range is below 50 billions. This means spread of these distributors is very less as compared to MCK and ABC.