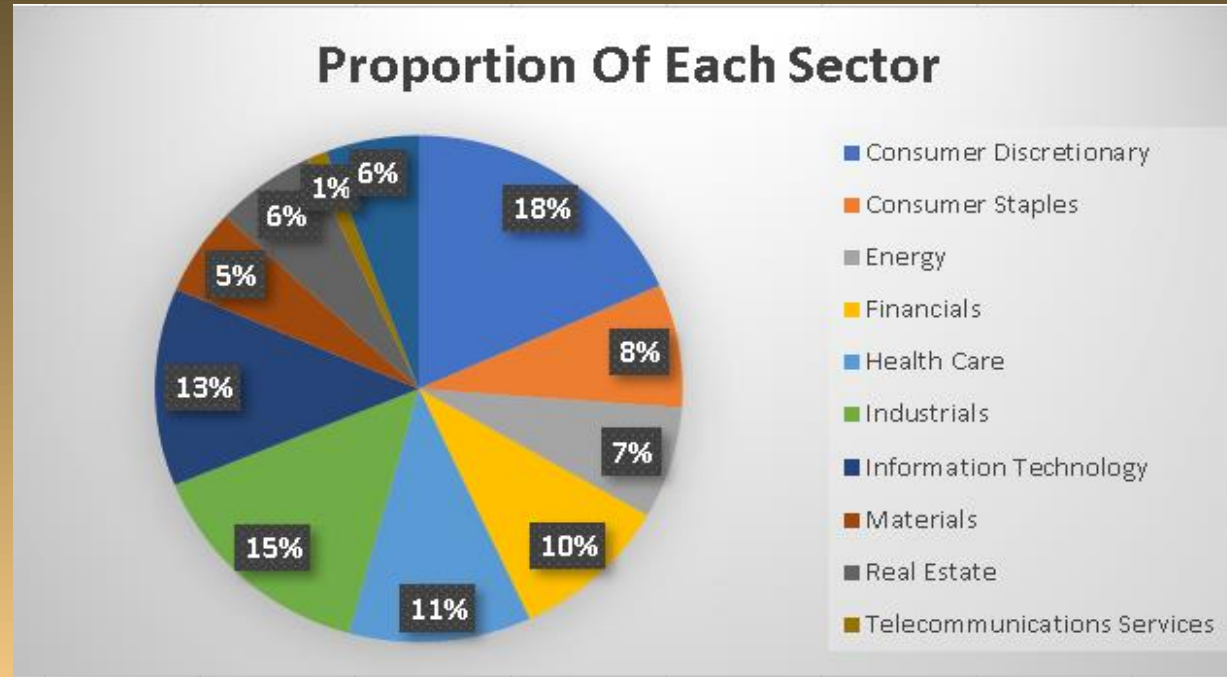




Business Analytics

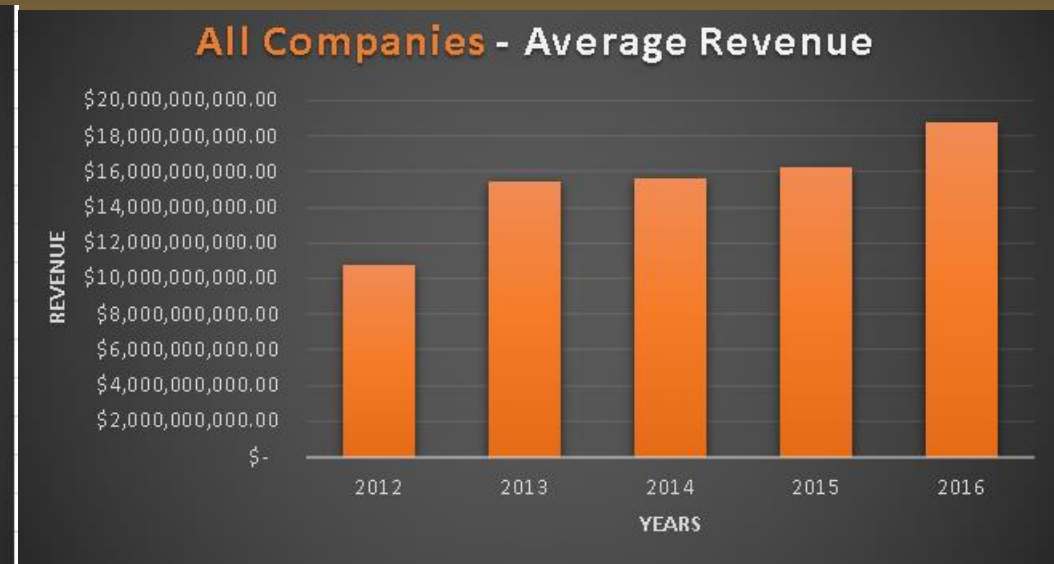
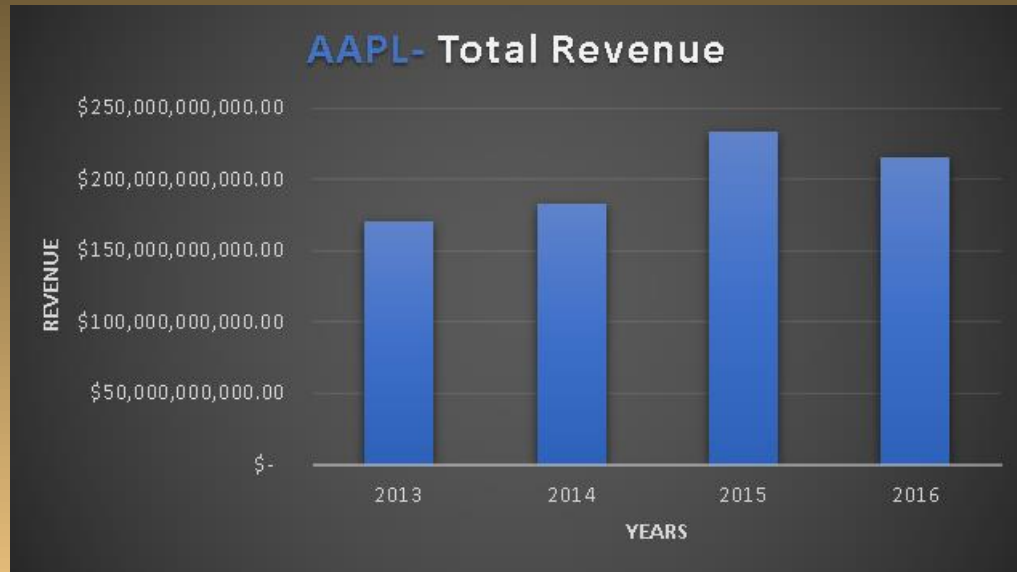
Analyze NYSE Data

How much proportion does IT sector hold in NYSE?



- ◆ The above chart shows that IT sector is among the top three sectors in the NYSE. The biggest sector is consumer discretionary with 18%. The industrials sector holds the second position in the list with 15%. And the third largest sector is IT sector with 13% of the total proportion in NYSE.

Does IT sector company Apple Inc. generate more revenue than any other company in the specific sector? If yes, then by how much?



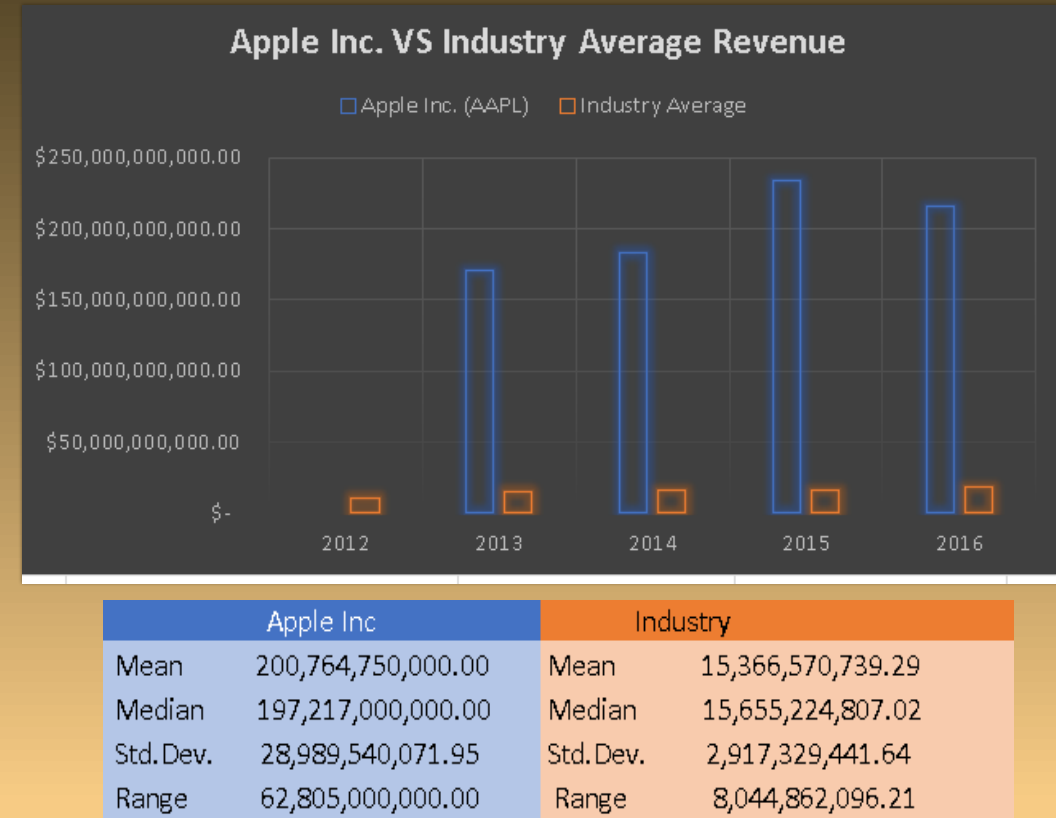
- ◆ The above charts indicate the total revenue generated by Apple Inc. from 2013 to 2016 on one side, while the average total revenue generated by all other companies from 2012 to 2016 on the other side.

Explanation!

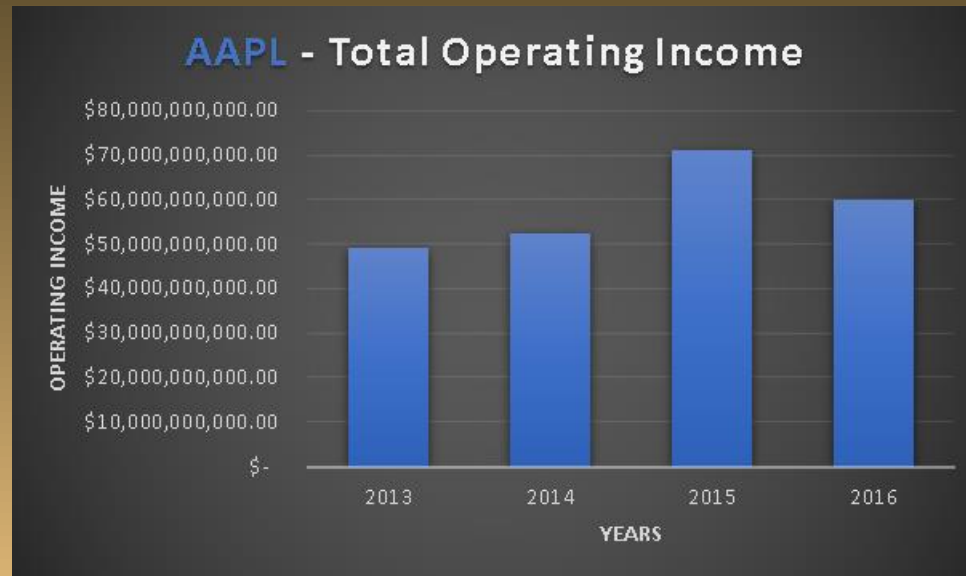
The respective Bar chart shows that the revenue generated by Apple Inc. is much higher than all other companies in the industry.

In the duration between 2013 and 2016, Apple Inc. generated just over \$200 billion on an average, while all other companies in the same IT sector generated just \$15 billion on an average between 2012 and 2016.

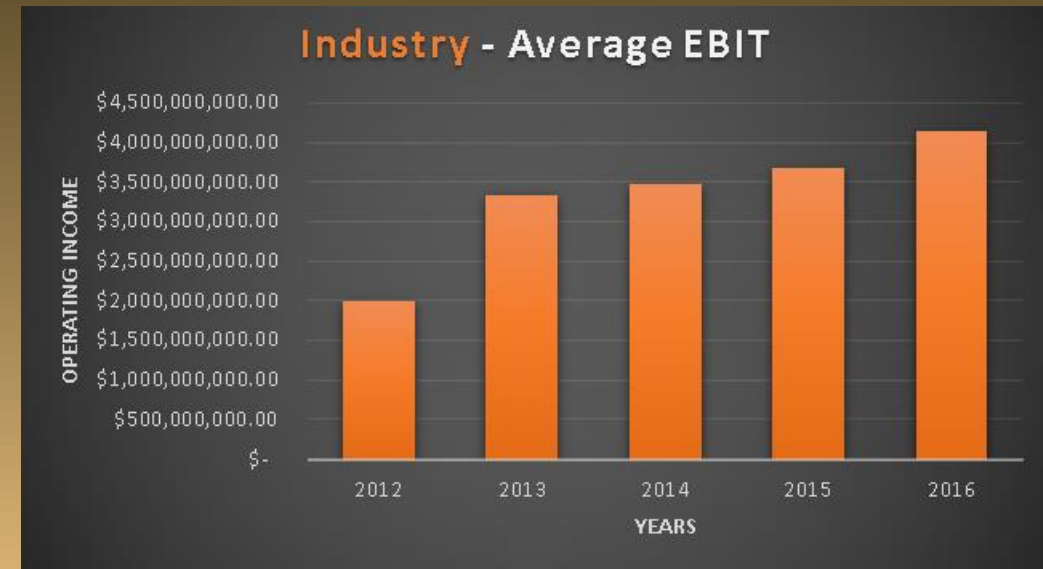
Hence, we can say that Apple inc. generated more than thirteen times as much revenue as all other companies combined on an average.



Does Apple Inc. incur more operating profits because of the higher revenue?



Std Dev.	9835676590.86
Skewness	0.885644929



Std Dev.	800635443.4
Skewness	-1.419987546

- ◆ The above plots indicate that Apple Inc. plot is right skewed, while the plot for the industry is left skewed. Apple Inc. has higher Standard deviation and range. But due to the positive skewness, the operating profits have started to decrease in the last stages of the observation for Apple Inc.

Thank You