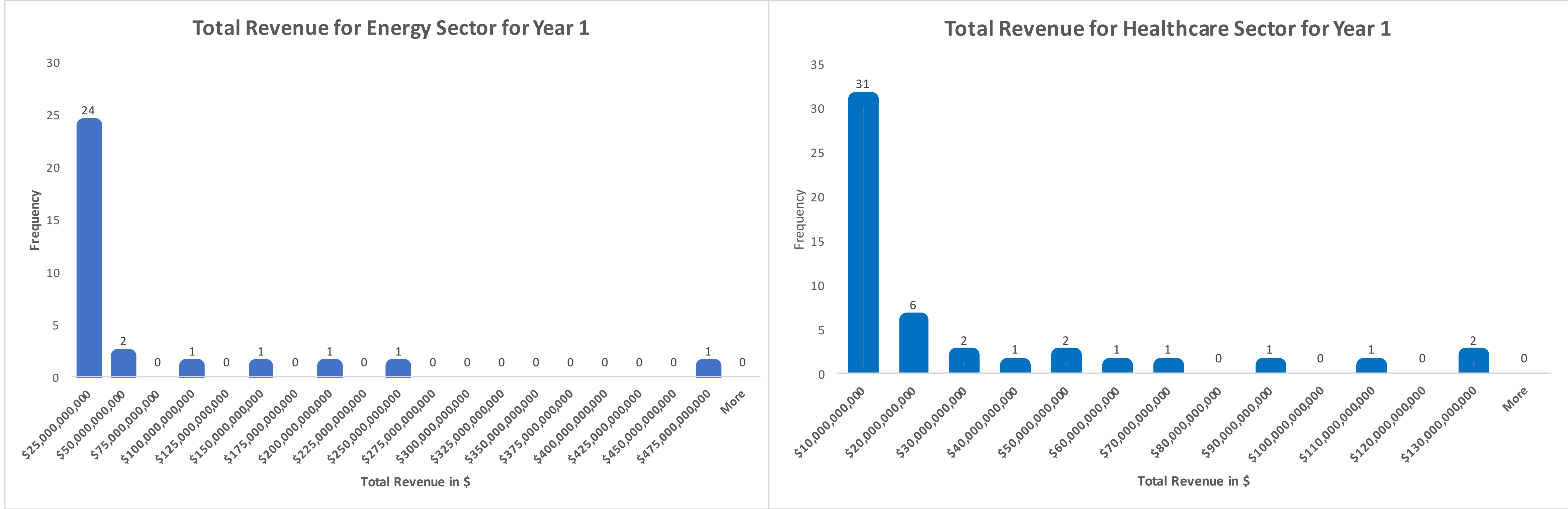


# **NYSE Data Project Submission**

**April 18, 2020**

# Does the Energy sector have similar revenue levels for Total Revenue that the Healthcare sector in Year 1?



Here are the histograms for the annual revenue for Energy and Healthcare sector reported in Year 1.

Both distributions appear to be right-skewed or also called a positively skewed distribution. Therefore, the mean for each sector is higher than the median.

The mean for Energy (\$43.6 billion) doubles the mean for Healthcare (\$20 billion). The median for Energy is \$11.9 billion and for Healthcare is \$7.5 billion. Overall, Energy sector gains more in revenue. However, the standard deviation for Energy is a lot more (\$93 billion for Energy and \$30.6 billion for Healthcare) than Healthcare. This means, the variability in Total Revenue for Energy companies are higher since companies are gaining above \$130 billion compared to Healthcare which ends at that amount. In regards to the distribution for Energy’s revenue, it is similar to Healthcare. However, more than 50% of the Energy companies’ revenue does increases more than Healthcare during Year 1 in Total Revenue.

Resources: N/A