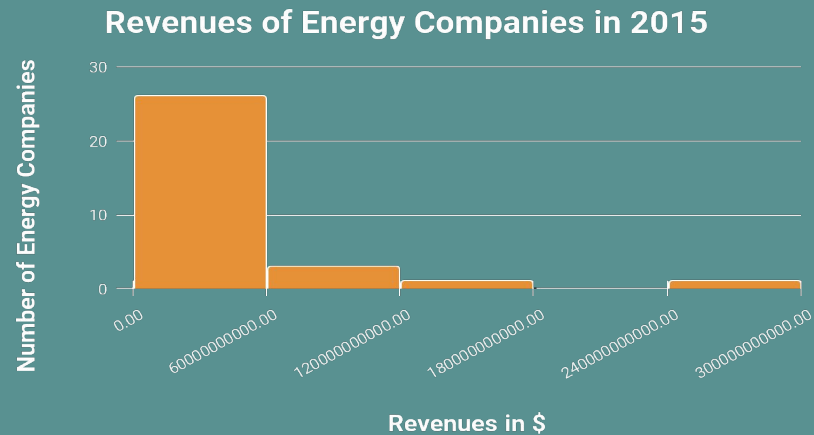
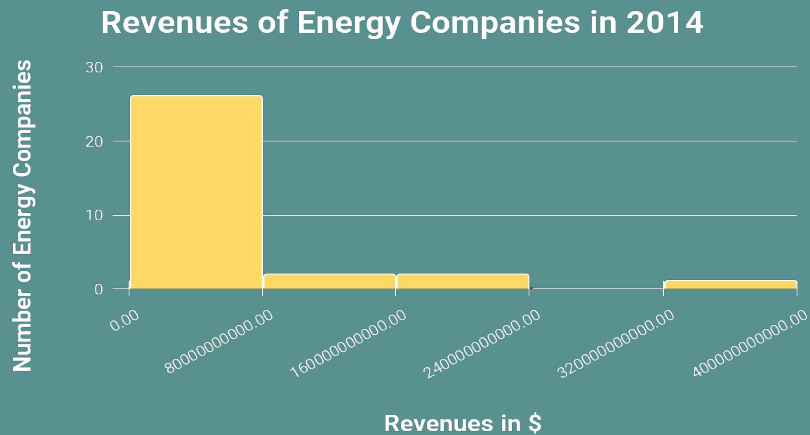


# How has the revenue changed in the energy sector from 2014 to 2015?

The revenues of companies in the energy sector averaged higher in 2014 (\$42,319,870,032) compared to revenues in 2015 (\$27,800,080,581). The median was also almost double in 2014 (\$12,691,000,000) compared to 2015 (\$7,763,206,000), showing that 50% of the companies had lower revenues in 2015. We can also see that the spread of the revenues in 2014 is larger than the spread of revenues in 2015. This can be seen through the range and standard deviation for each year. In 2014, the range and standard deviation was \$392,062,463,000 and \$80,218,303,458, respectively. In 2015, the range and standard deviation was \$258,306,296,000 and \$52,659,166,464, respectively. This shows that the energy sector did not produce as high of revenue as in 2014, but that there was a smaller difference of revenues within the sector in 2015.

Both years show an asymmetrical spread of revenues, with both being right skewed. This means that a majority of the companies have revenues within the first bin (up to \$80B in 2014 and up to \$60B in 2015), and that their means are greater than their medians.

See the histograms and table on the next slide. Additional sheets are included [here](#).



	2014	2015
Mean	\$42,319,870,032	\$27,800,080,581
Median	\$12,691,000,000	\$7,763,206,000
Max	\$394,105,000,000	\$259,488,000,000
Min	\$2,042,537,000	\$1,181,704,000
Range	\$392,062,463,000	\$258,306,296,000
IQR	\$19,261,500,000	\$12,102,149,000
Standard Deviation	\$80,218,303,458	\$52,659,166,464

# GOOGLE SHEET LINK

N/A for other resources used