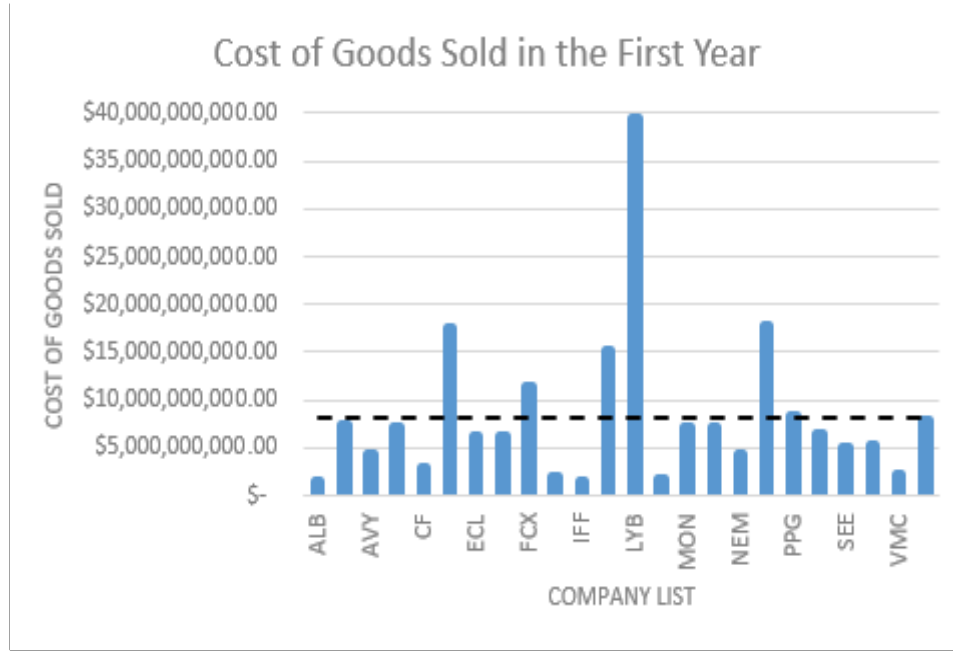


# What's the cost of goods sold (COGS) for companies in the materials sector in their first year?



- The Mean is the dotted line in the chart which is \$8.2m. However, due to the outliers in the data the median (\$6.4m) becomes a more appropriate measure of center.
- 50% of the companies in the Materials sector spend less than \$6.4m on COGS in their 1<sup>st</sup> year while 50% spend more than the \$6.4m median.
- The standard deviation of \$8.1m indicates that the COGS paid by the companies varies greatly and different companies spend more/less than the average of \$8.2m.
- The range is \$38m which means the dataset is very spread out therefore the range is not a reliable measure of variability.