

Which sub-industry from the industrial sector had the higher revenue average and which one had the lowest variation in the revenue during the first 4 years?

The figure 1 is a bar chart for the average and the standard deviation of the total revenue for all the sub-industries from the industrial sector in the 4 first years of commercial activity.

In the chart it is observed that the Aerospace and Defense industry has the higher revenue average (about 38.5 billion dollars) which means that the companies in this category had the highest total revenue on average during their first 4 years compared with the others companies in the industrial sector. According to the same chart, the Technology, Hardware, Software and Supplies sub-industry has the lowest standard deviation (about 118 million dollars) indicating these companies had the lowest variation in the total revenue during its first 4 years compared with the other industries.

The figures 2 and 3 are the histograms for the revenue of the two sub-industrial sectors. The histograms show the distribution of the total revenue in 4 years for each sector.

The median for the Aerospace and Defense industry average was lower than the average which means, the distribution of the total revenue for this sub-industry is right-skewed, with 50% of their companies receiving more than 31.1 billion dollars (median value). The range and maximum value for this sector (about 94.2 billion and 96.1 billion dollars, respectively) were higher than the same values for the Technology, Hardware, Software and Supplies sub-industry (about 3.8 billion and 245.7 million dollars, respectively), which indicates that the Aerospace and Defense industry had a higher total revenue during the first 4 years. On the other hand, the median (about 3.80 billion dollars) for the Technology, Hardware, Software and Supplies revenue was higher than its average (about 3.75 billion dollars) indicating that this distribution is left-skewed.

Which sub-industry from the industrial sector had the higher revenue average and which one had the lowest variation in the revenue during the first 4 years?

Figure 1.

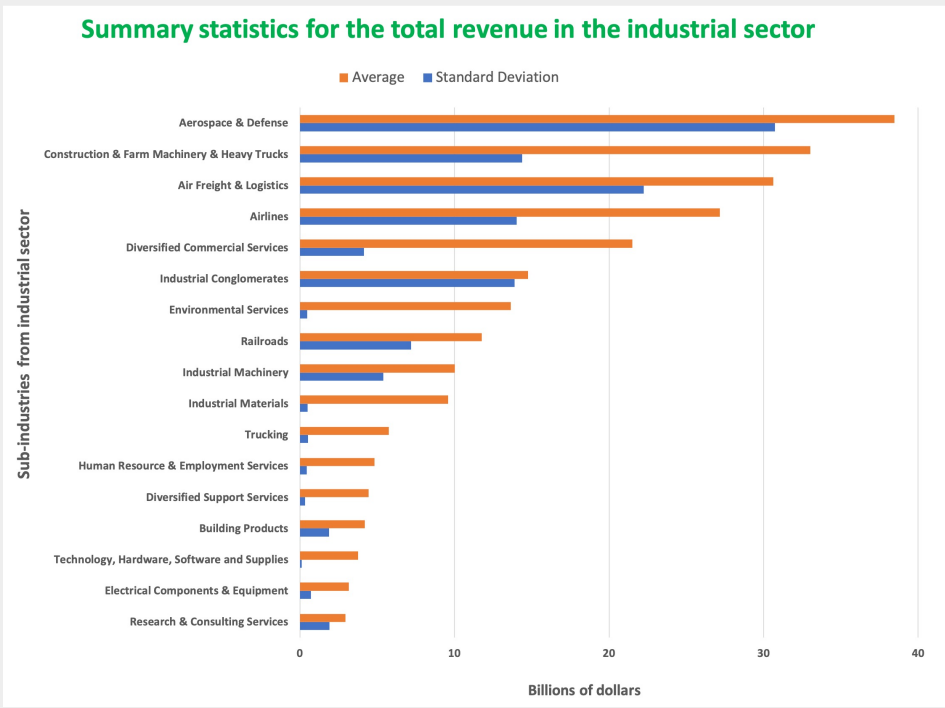


Figure 2.

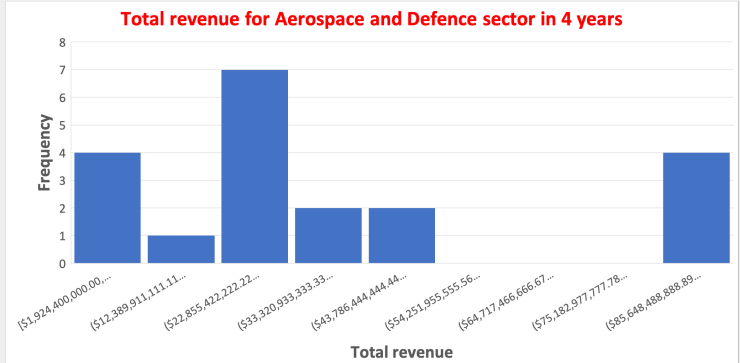


Figure 3.

