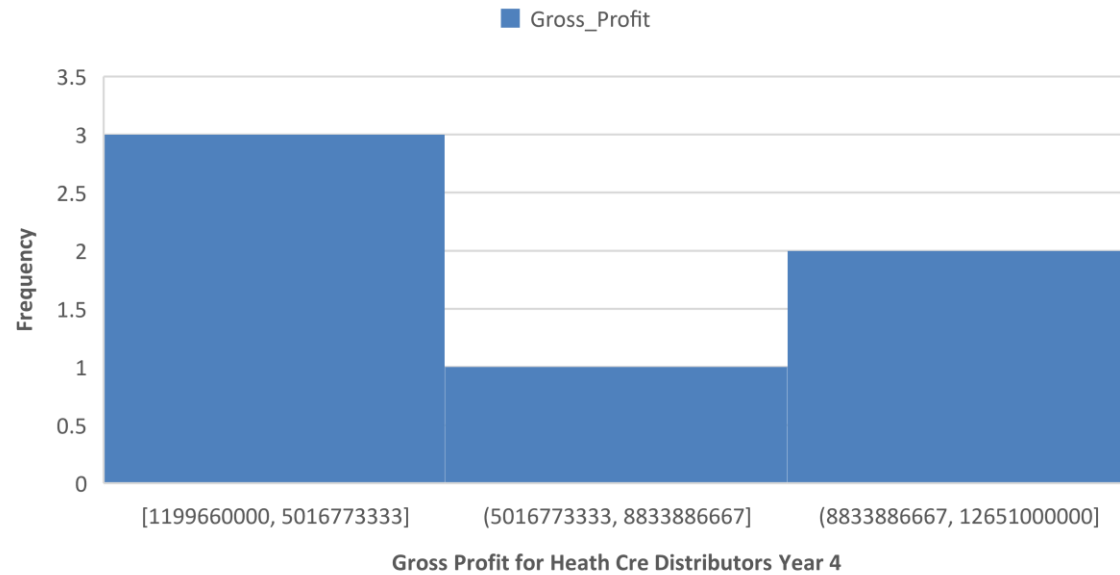


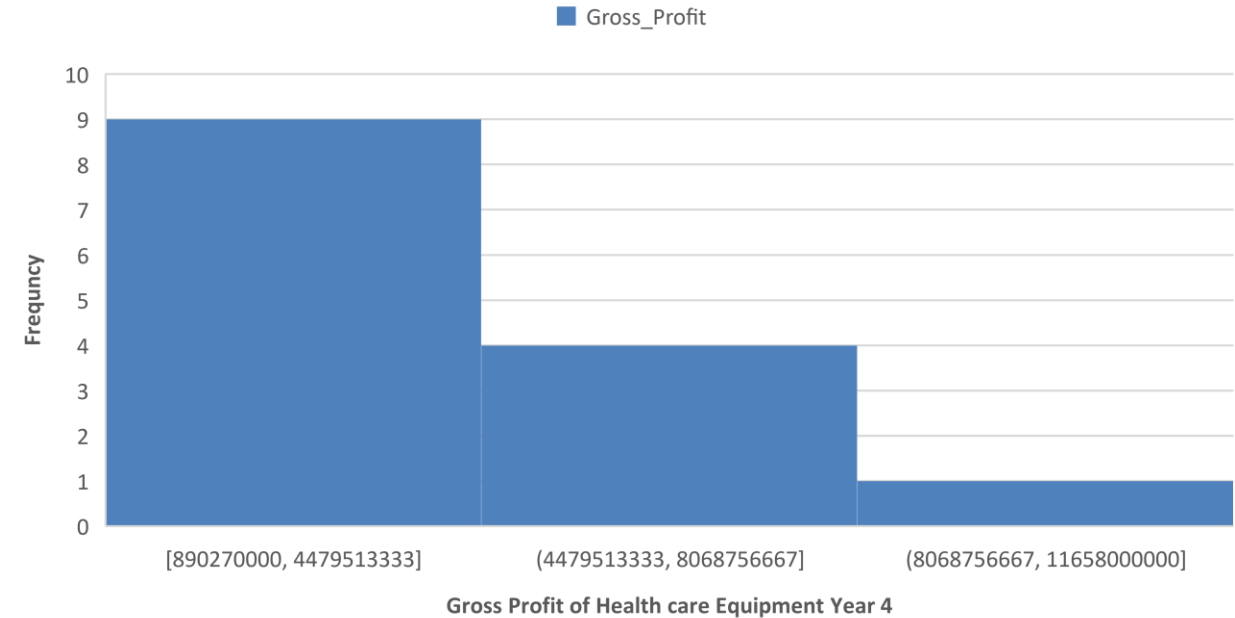
NYSE database analysis

What is the Yearly Gross Profit Comparison between the Health Care Distributors(HCD) and the Health Care Equipment (HCE) of Health care sector for year 4?

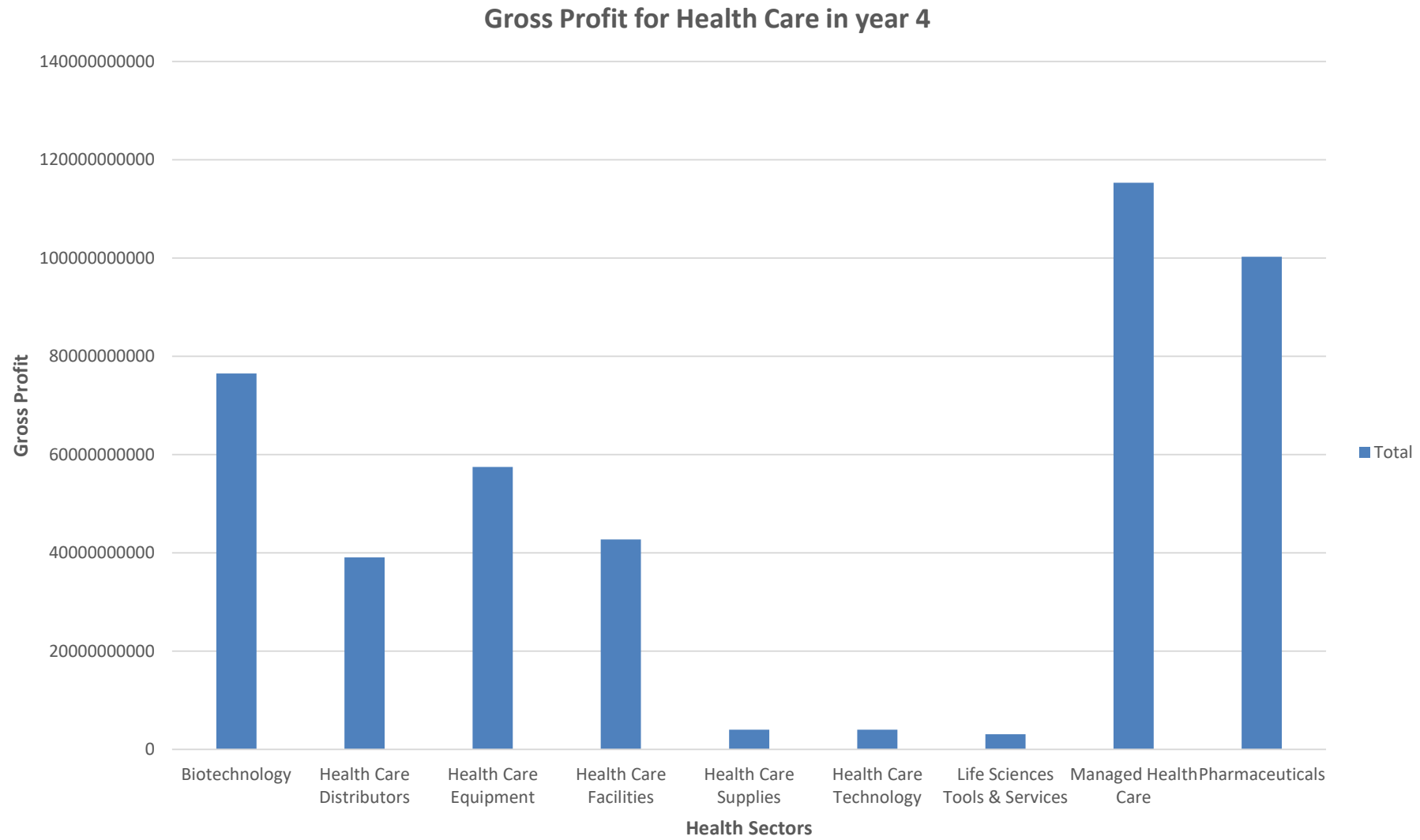
Gross Profit for Heath care Distributors of Heath care sector for Year 4



Gross Profit for Health Care Equipment of Heath Sector for year 4



- Here are histograms for yearly Gross Profit of Health care Distributors(HCD) and Health care Equipment(HCE) for Health Care Sector in year 4.
- The distributions of HCD and HCE are right-skewed with positive skewness value as mean values are higher than the median.



➤ Together HCD and HCE contribute about 22% to Health care sector.

<i>Gross Profit HCD</i>	
Mean	\$6,515,754,166.67
Standard Error	1890515294
Median	\$5,407,803,000.00
Mode	#N/A
Standard Deviation	\$4,630,797,820.40
Sample Variance	2.14443E+19
Kurtosis	-1.731902387
Skewness	0.435260191
Range	11451340000
Minimum	1199660000
Maximum	12651000000
Sum	39094525000
Count	6

<i>Gross Profit HCE</i>	
Mean	\$4,106,812,142.86
Standard Error	856984606.4
Median	\$3,244,150,000.00
Mode	#N/A
Standard Deviation	\$3,206,542,782.75
Sample Variance	1.02819E+19
Kurtosis	0.708001478
Skewness	1.086825287
Range	10767730000
Minimum	890270000
Maximum	11658000000
Sum	57495370000
Count	14

- From summary statistics we can observe that the total gross profit contribution of HCE(13% of total Health Care) to Health Care is more compared to HCD(9% of total Health Care) as the number of HCE companies is more than HCD.
 - Despite this, the mean gross profit of HCD(6.5 billion) is still more than HCE(4.1 billion). The median of HCD(5.4 billion) is also more. The standard deviation of HCD(4.6billion) is higher than HCE(3.2 billion) implying that variability in HCD expenses is more.
- The range of HCD is more than HCE implying high dispersion in expenses of HCD even when there are less number of HCD companies.