

Analyzing NYSE DATA

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Summary Statistics

How Much Does The Health Care Sector Spend on Research and Development in Year 1 and Year 2 ?

The Following tables are summary statistics for the HealthCare Sector Spending on R&D. We can see the difference in the mean from year 1 and year. The Spending on R&D in Year 2 is slightly higher from Year 1 . The mean for Research and Development in the first year is \$980 million and in the second year it increased to \$1 billion. Moreover, the median for the first year is \$312 million and the first is \$284 million. The standard deviation for the first year is \$184 million and the second year is \$175 million, which means that the healthcare is spending more in Healthcare Research and Development.

Summary Statistics Year 1		Summary Statistics Year 2	
Mean	995858500	Mean	1007093854
Standard Error	266451894.1	Standard Error	253802092.1
Median	284021500	Median	312500000
Mode	0	Mode	0
Standard Deviation	1846032873	Standard Deviation	1758392475
Sample Variance	3.40784E+18	Sample Variance	3.09194E+18
Kurtosis	7.097978609	Kurtosis	5.509110433
Skewness	2.683610456	Skewness	2.425603852
Range	8168000000	Range	7503000000
Minimum	0	Minimum	0
Maximum	8168000000	Maximum	7503000000
Sum	47801208000	Sum	48340505000
Count	48	Count	48

Summary Statistics

The graph shows that research and development mean in the second year is slightly higher by more than \$110 million, which means that the healthcare sector is investing more in R&D.

