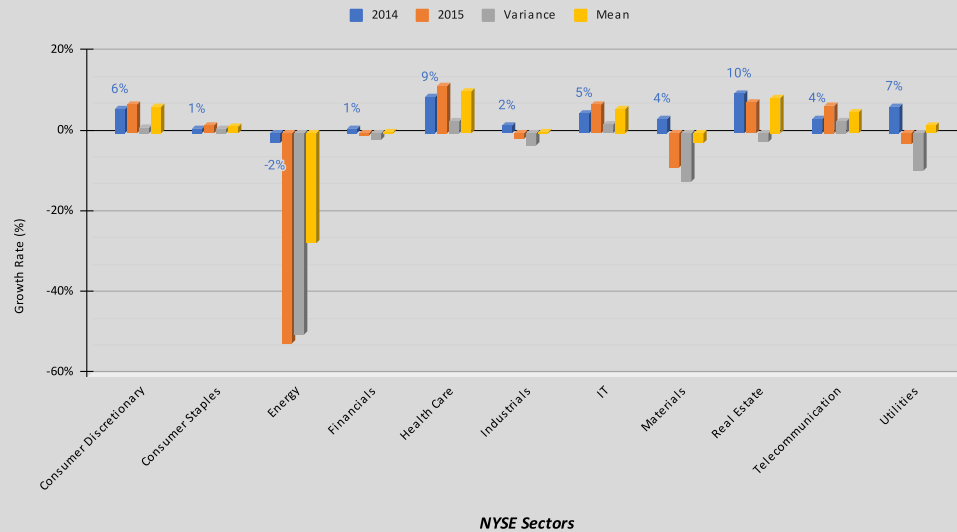


What is the mean growth rate of ALL NYSE Sectors from 2014 to 2015?

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The Mean growth rate for 2014 and 2015 for ALL NYSE Sectors



• The sectors that did well on the market are: Of the highest performing sectors **Telecommunications** came in with a mean growth rate of 5%, **Information Technology** came in at 6%, **Consumer Discretionary** came in at 7%, **Real Estate** at 9% and the highest mean growth rate was in the **Health Care** sector at 10%. For a person that doesn't have as much fund to invest, these sectors are a good starting point for diversifying their portfolio..

• The **Energy** sector has seen a significant decline from -2% in 2014 to -52% in 2015. The Energy Sector also has the highest standard deviation of 269 billion and a range of 481 billions as a result of its drastic market decline/fall. The mean growth rate for the Energy Sector from 2014 to 2015 is -27%.

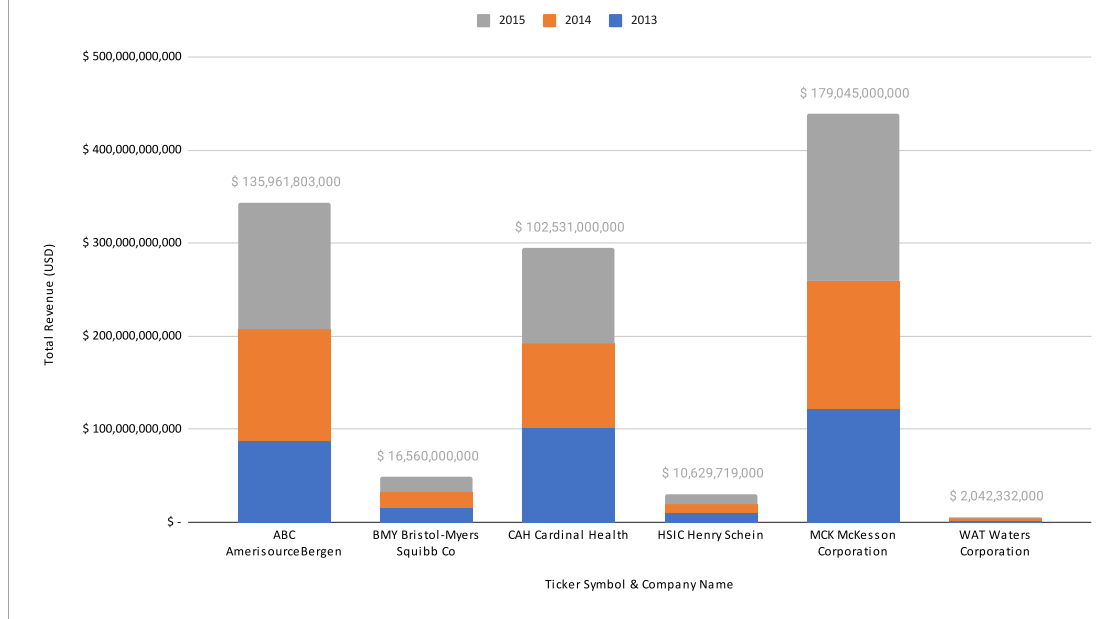
• The **Financials** and **Real Estate** sectors has the lowest standard deviations at 4.8 billion and 6.2 billion respectively, this suggests that their annual earnings are not that far from their average revenues and thus stable markets.

Growth Rates				
Sectors	2014	2015	Variance	Mean
Consumer Discretionary	6%	7%	1%	7%
Consumer Staples	1%	2%	1%	2%
Energy	-2%	-52%	-50%	-27%
Financials	1%	-1%	-2%	0%
Health Care	9%	12%	3%	10%
Industrials	2%	-1%	-3%	0%
IT	5%	7%	2%	6%
Materials	4%	-8%	-12%	-2%
Real Estate	10%	8%	-2%	9%
Telecommunication	4%	7%	3%	5%
Utilities	7%	-3%	-9%	2%

Sectors and Yearly Earnings from 2013 to 2015					Summary Statistics				
Sectors & Mean Growth Rate	2013	2014	2015	Grand Total	Mean	Median	Range	Standard Deviation	
Consumer Discretionary .066	\$ 1,253,135,104,000	\$ 1,332,319,553,000	\$ 1,435,979,984,000	\$ 5,623,668,607,000	\$ 1,340,478,213,667	\$ 1,332,319,553,000	\$ 182,844,880,000	91,695,067,171	
Consumer Staples .015	\$ 1,389,203,539,000	\$ 1,403,938,460,000	\$ 1,433,176,833,000	\$ 5,729,663,956,000	\$ 1,408,772,944,000	\$ 1,403,938,460,000	\$ 43,973,294,000	22,381,729,669	
Energy - .273	\$ 1,343,144,975,000	\$ 1,311,915,971,000	\$ 861,802,498,000	\$ 4,834,114,768,000	\$ 1,172,287,814,667	\$ 1,311,915,971,000	\$ 481,342,477,000	269,341,162,045	
Financials .003	\$ 839,516,945,000	\$ 849,113,196,000	\$ 844,713,181,000	\$ 3,415,396,723,000	\$ 844,447,774,000	\$ 844,713,181,000	\$ 9,596,251,000	4,803,627,689	
Health Care .104	\$ 968,538,424,000	\$ 1,063,334,023,000	\$ 1,205,934,822,000	\$ 4,455,614,002,000	\$ 1,079,269,089,667	\$ 1,063,334,023,000	\$ 237,396,398,000	119,497,728,883	
Industrials .004	\$ 1,026,331,766,000	\$ 1,046,245,863,000	\$ 1,033,831,829,000	\$ 4,103,821,019,000	\$ 1,035,469,819,333	\$ 1,033,831,829,000	\$ 19,914,097,000	10,057,587,886	
Information Technology .06	\$ 847,932,286,000	\$ 892,347,814,000	\$ 960,112,380,000	\$ 3,662,792,220,000	\$ 900,130,826,667	\$ 892,347,814,000	\$ 112,180,094,000	56,493,582,265	
Materials - .024	\$ 280,102,204,000	\$ 290,520,675,000	\$ 267,845,555,000	\$ 1,124,278,980,000	\$ 279,489,478,000	\$ 280,102,204,000	\$ 22,675,120,000	11,349,970,996	
Real Estate .087	\$ 61,899,503,000	\$ 68,647,454,000	\$ 74,335,202,000	\$ 261,218,429,000	\$ 68,294,053,000	\$ 68,647,454,000	\$ 12,435,699,000	6,225,377,226	
Telecommunication .052	\$ 278,472,000,000	\$ 289,106,000,000	\$ 310,126,000,000	\$ 1,150,747,853,000	\$ 292,568,000,000	\$ 289,106,000,000	\$ 31,654,000,000	16,108,476,402	
Utilities .02	\$ 259,755,001,000	\$ 278,082,544,000	\$ 270,915,907,000	\$ 1,069,025,171,000	\$ 269,584,484,000	\$ 270,915,907,000	\$ 18,327,543,000	9,236,028,557	
<b>Grand Total</b>	<b>\$ 8,548,031,747,000</b>	<b>\$ 8,825,571,553,000</b>	<b>\$ 8,698,774,191,000</b>	<b>\$ 35,430,341,728,000</b>					

## How spread out are the earnings of Health Care Distributors Sub-Industry from 2013 to 2015?

Stacked Column Chart of Health Care Distributors Revenue from 2013-2015



• This Column Chart shows the earnings of Health Care Distributors from 2013 to 2015. It indicates that there is a **significant revenue gap of at least 70 billion dollars between half of the listed companies in this sub-industry.**

• The highest range of revenue for the Health Care Distributors sub-industry was in **2015 with a total of 179 billion**. This amount is roughly equivalent to the difference between McKesson's revenue of 179 billion and Waters Corporation's revenue of 2 billion

• **McKesson (MCK) had the highest revenue of 179 billion in 2015** and is positioned at the top of the plot. **Its market dominance is reflected in its mean growth rate of 17% and the highest standard deviation of 29 billion.**

• AmerisourceBergen (AMC) and Cardinal Health (CAH) are also significantly separated from the box plot. **Their lowest revenue figures of 87 billion and 91 billion respectively** do not even add up to the total revenue generated by Bristol-Myers Squibb (BMY), Henry Schein (HSIC), and Waters Corporation (WAT) over the three-year period.

**\*\*For clarity see data points/statistics below and CandleStick chart\*\***

Health Care Distributors Earnings from 2013 to 2015				
Ticker Symbol	2013	2014	2015	Grand Total
ABC AmerisourceBergen	\$ 87,959,167,000	\$ 119,569,127,000	\$ 135,961,803,000	\$ 343,490,097,000
BMY Bristol-Myers Squibb Co	\$ 16,385,000,000	\$ 15,879,000,000	\$ 16,560,000,000	\$ 48,824,000,000
CAH Cardinal Health	\$ 101,093,000,000	\$ 91,084,000,000	\$ 102,531,000,000	\$ 294,708,000,000
HSIC Henry Schein	\$ 9,560,647,000	\$ 10,371,390,000	\$ 10,629,719,000	\$ 30,561,756,000
MCK McKesson Corporation	\$ 122,196,000,000	\$ 137,392,000,000	\$ 179,045,000,000	\$ 438,633,000,000
WAT Waters Corporation	\$ 1,904,218,000	\$ 1,989,344,000	\$ 2,042,332,000	\$ 5,935,894,000
<b>Grand Total</b>	<b>\$ 339,098,032,000</b>	<b>\$ 376,284,861,000</b>	<b>\$ 446,769,854,000</b>	<b>\$ 1,162,152,747,000</b>

Summary Statistics of Health Care Distributors from 2013 to 2015			
	2013	2014	2015
Range of Revenue per Year	\$ 120,291,782,000	\$ 135,402,656,000	\$ 177,002,668,000
Standard of Deviation per Year	\$ 53,079,926,806	\$ 60,390,257,398	\$ 75,072,642,731
Median Revenue per Year	\$ 52,172,083,500	\$ 53,481,500,000	\$ 59,545,500,000
Mean of Revenues per Year	\$ 56,516,338,667	\$ 62,714,143,500	\$ 74,461,642,333

Summary Statistics of each Corporation from 2013 to 2015				
Ticker Symbol	Mean	Median	Range	Standard Deviation
ABC AmerisourceBergen	\$ 114,496,699,000	\$ 119,569,127,000	\$ 48,002,636,000	\$ 24,400,008,404
BMY Bristol-Myers Squibb Co	\$ 16,274,666,667	\$ 16,385,000,000	\$ 681,000,000	\$ 353,652,843
CAH Cardinal Health	\$ 98,236,000,000	\$ 101,093,000,000	\$ 11,447,000,000	\$ 6,235,406,081
HSIC Henry Schein	\$ 10,187,252,000	\$ 10,371,390,000	\$ 1,069,072,000	\$ 557,816,132
MCK McKesson Corporation	\$ 146,211,000,000	\$ 137,392,000,000	\$ 56,849,000,000	\$ 29,432,690,516
WAT Waters Corporation	\$ 1,978,631,333	\$ 1,989,344,000	\$ 138,114,000	\$ 69,677,401

Growth Rates				
Ticker Symbol	2014	2015	Variance	Mean
ABC	26%	12%	-14%	19%
BMY	-3%	4%	7%	0%
CAH	-11%	11%	22%	0%
HSIC	8%	2%	-5%	5%
MCK	11%	23%	12%	17%
WAT	4%	3%	-2%	3%

