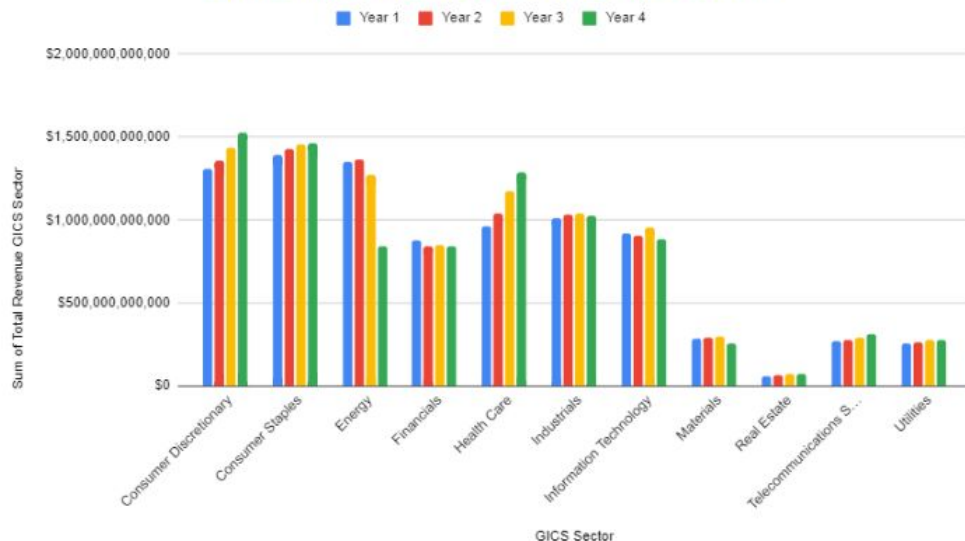


# How is the Total Revenue distributed among distinct GICS Sectors?

SUM of Total Revenue GICS Sector	Years				
	Year 1	Year 2	Year 3	Year 4	Grand Total
Consumer Discretionary	\$1,306,636,524,000	\$1,359,506,280,000	\$1,433,673,899,000	\$1,523,851,904,000	\$5,623,668,607,000
Consumer Staples	\$1,388,801,763,000	\$1,428,526,946,000	\$1,453,416,640,000	\$1,459,100,902,000	\$5,729,846,251,000
Energy	\$1,352,502,544,000	\$1,366,043,920,000	\$1,271,860,937,000	\$843,707,367,000	\$4,834,114,768,000
Financials	\$878,187,750,000	\$843,392,964,000	\$850,512,546,000	\$843,303,463,000	\$3,415,396,723,000
Health Care	\$963,813,675,000	\$1,039,341,879,000	\$1,171,182,213,000	\$1,283,674,608,000	\$4,458,012,375,000
Industrials	\$1,010,796,852,000	\$1,029,253,211,000	\$1,037,676,179,000	\$1,026,094,777,000	\$4,103,821,019,000
Information Technology	\$917,269,645,000	\$908,093,059,000	\$955,502,612,000	\$881,926,904,000	\$3,662,792,220,000
Materials	\$285,223,746,000	\$291,555,004,000	\$295,549,075,000	\$251,951,155,000	\$1,124,278,980,000
Real Estate	\$55,010,248,000	\$61,768,962,000	\$69,673,022,000	\$74,766,197,000	\$261,218,429,000
Telecommunications Services	\$273,043,853,000	\$278,472,000,000	\$289,106,000,000	\$310,126,000,000	\$1,150,747,853,000
Utilities	\$252,177,719,000	\$264,966,001,000	\$278,755,544,000	\$273,125,907,000	\$1,069,025,171,000
<b>Grand Total</b>	<b>\$8,683,464,319,000</b>	<b>\$8,870,920,226,000</b>	<b>\$9,106,908,667,000</b>	<b>\$8,771,629,184,000</b>	<b>\$35,432,922,396,000</b>

Distribution of Total Revenue Across GICS Sectors



Summary statistics			
Mean	Median	Range	Standard Deviation
\$1,405,917,151,750	\$1,396,590,089,500	\$217,215,380,000	\$94,321,533,189
\$1,432,461,562,750	\$1,440,971,793,000	\$70,299,139,000	\$31,991,816,565
\$1,208,528,692,000	\$1,312,181,740,500	\$522,336,553,000	\$246,742,166,065
\$853,849,180,750	\$846,952,755,000	\$34,884,287,000	\$16,573,510,151
\$1,114,503,093,750	\$1,105,262,046,000	\$319,860,933,000	\$141,642,781,812
\$1,025,955,254,750	\$1,027,673,994,000	\$26,879,327,000	\$11,225,762,351
\$915,698,055,000	\$912,681,352,000	\$73,575,708,000	\$30,469,652,974
\$281,069,745,000	\$288,389,375,000	\$43,597,920,000	\$19,872,423,619
\$65,304,607,250	\$65,720,992,000	\$19,755,949,000	\$8,700,179,073
\$287,686,963,250	\$283,789,000,000	\$37,082,147,000	\$16,379,461,337
\$267,256,292,750	\$269,045,954,000	\$26,577,825,000	\$11,536,810,267

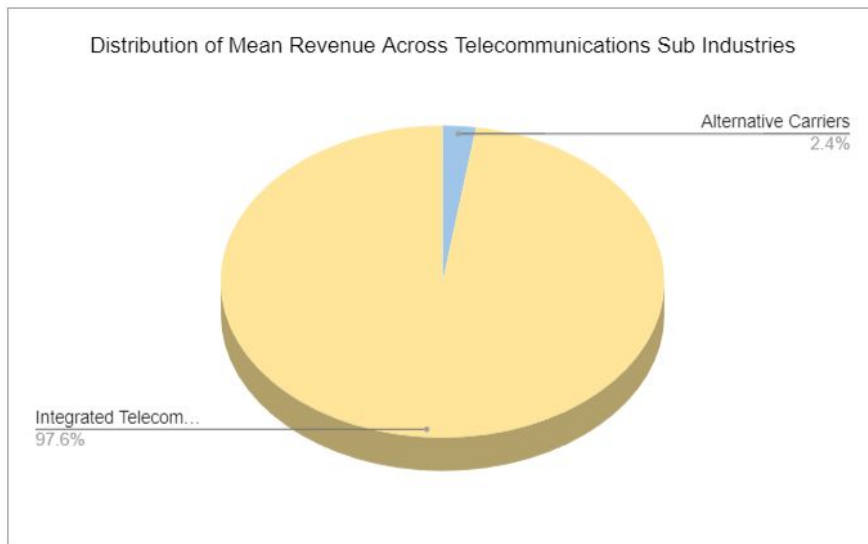
The Range for the Energy sector Total Revenue at \$522,336,553,000 is higher than the Range of Total Revenue for the Financials sector at only \$34,884,287,000. It looks like companies in the Energy sector have more significant variability in the total revenues they receive because their range is more spread out.

Additionally, when considering the measures of spread, we can observe that the Standard Deviation provides further insight into the dispersion of data points around the mean. For example, the Standard Deviation for the Energy sector Total Revenue is \$246,742,166,065, indicating a considerable variability in revenue values within this sector. In contrast, the Standard Deviation for the Financials sector is much lower at \$16,573,510,151, suggesting that revenue values in this sector tend to be closer to the mean.

## How does the mean revenue vary between different GICS Sub Industries in the Telecommunications Services sector?

SUM of Total Revenue	Years				
GICS Sub Industry	Year 1	Year 2	Year 3	Year 4	Grand Total
Alternative Carriers	\$6,376,000,000	\$6,313,000,000	\$6,777,000,000	\$8,229,000,000	\$27,695,000,000
Integrated Telecommunication:	\$266,667,853,000	\$272,159,000,000	\$282,329,000,000	\$301,897,000,000	\$1,123,052,853,000
<b>Grand Total</b>	<b>\$273,043,853,000</b>	<b>\$278,472,000,000</b>	<b>\$289,106,000,000</b>	<b>\$310,126,000,000</b>	<b>\$1,150,747,853,000</b>

Summary statistics	
Mean	Median
\$6,923,750,000	\$6,576,500,000
\$280,763,213,250	\$277,244,000,000



The mean total revenue for companies categorized under the Integrated Telecommunications Services (\$280,763,213,250) was 97.6% to the mean total revenue for all healthcare industries (\$287,686,963,250). It looks like companies in the Integrated Telecommunications Services have a higher total revenue on average than all industries categorized under Telecommunications Services.

Link to Google Sheets:

<https://docs.google.com/spreadsheets/d/1GSyf4bcqwj9p0vMUJ9TnnqbENRt9Kk87gZewyUu9JZc/edit?usp=sharing>