














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


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

















































































































# S&P 500



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S&P 500

Company\_name

The Coca-Cola Company

Procter & Gamble

PepsiCo

Kroger

Kimberly-Clark

Hershey's

Colgate-Palmolive

Campbell Soup Company

Altria

Altria

Consumer Discretionary

Consumer Staples

Energy

Financials

1957

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9

Corporation is an American multinational personal care corporation that produces mostly paper-based consumer products.Founded in Neenah, Wisconsin, in 1872 and based in the Las Colinas section of Irving, Texas since 1985, the company operated its own paper mills around the world for decades, but closed the last of those in 2012[4] With recent annual revenues topping \$18 billion per year, Kimberly-CL...

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How Are Companies Chosen in S&P Stock500?

Sum of Market Cap by Company\_name

Apple Inc.	810bn
Alphabet Inc. (C...	734bn
Alphabet Inc. (C...	729bn
Microsoft	690bn
Amazon	686bn
Facebook, Inc.	523bn
JPMorgan Chase	387bn
Johnson & John...	353bn
ExxonMobil	326bn
Bank of America	321bn
Walmart	305bn
Wells Fargo	281bn
Visa Inc.	270bn

50% from companies share must available for publice

stock price must be at least \$1 per share stock price must be at least \$1 per share

%volume by Year

fluidity by Year, Quarter, Month and Day

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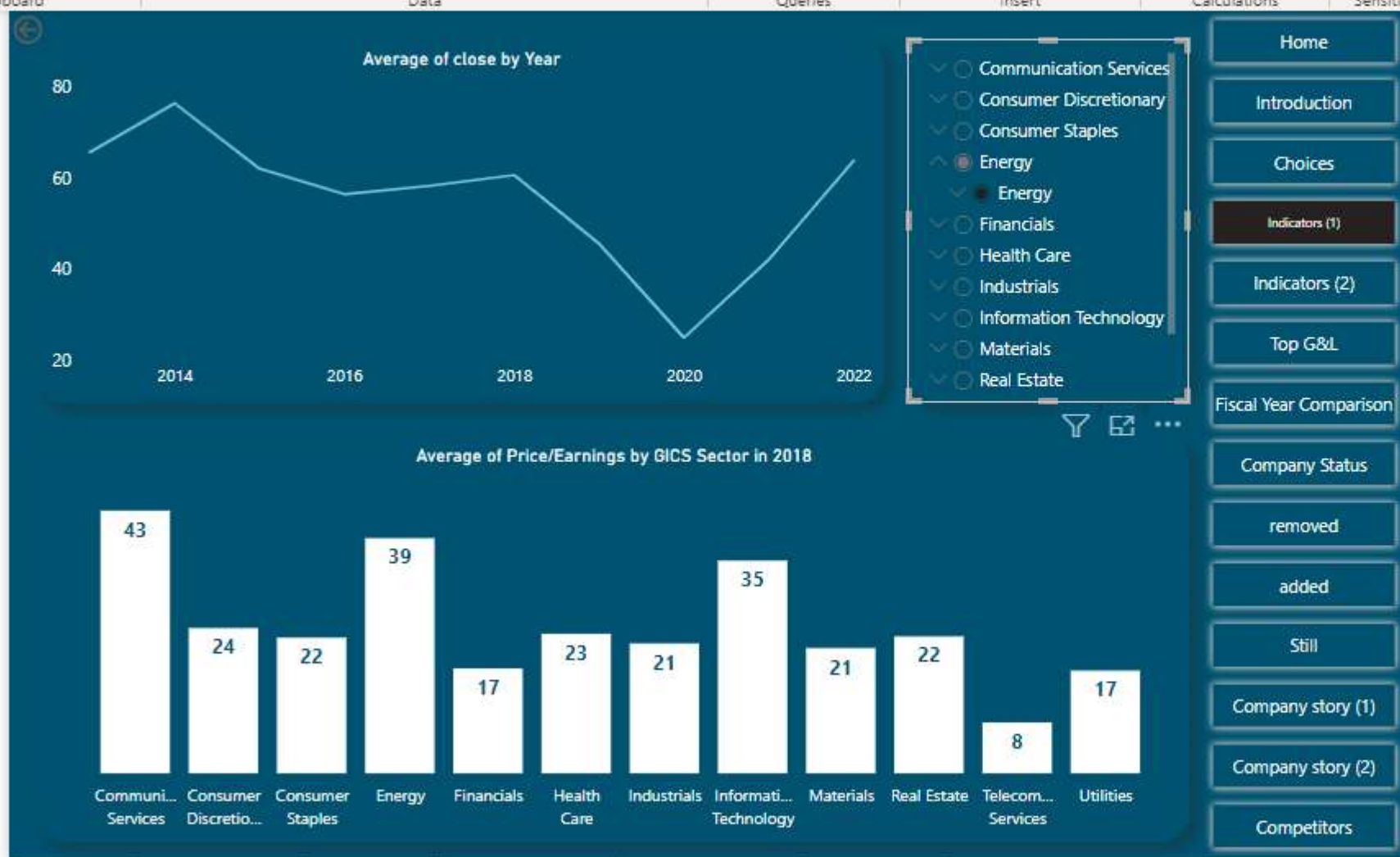
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GICS Sector Hierarchy

GICS Sector

GICS\_Industry\_Group

GICS\_Sector\_hierarchy



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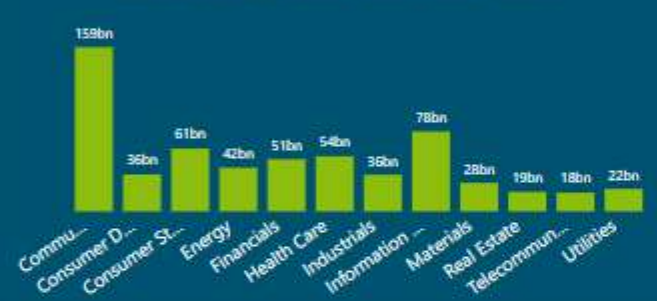
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## Many investors use the recommendations of the financial analyst to analyze a stock and here are some commonly used indicators

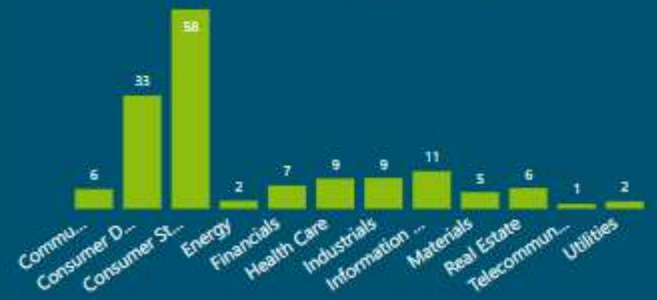
Average of Market Cap by GICS Sector in 2018



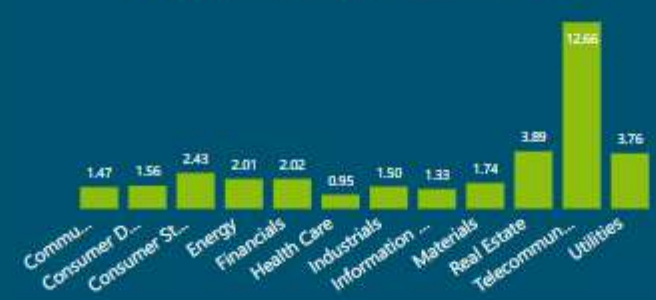
Average of Earnings/Share by GICS Sector in 2018



Average of Price/Book by GICS Sector in 2018



Average of Dividend Yield by GICS Sector in 2018



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Visual icons: Bar, Line, Pie, Map, etc.

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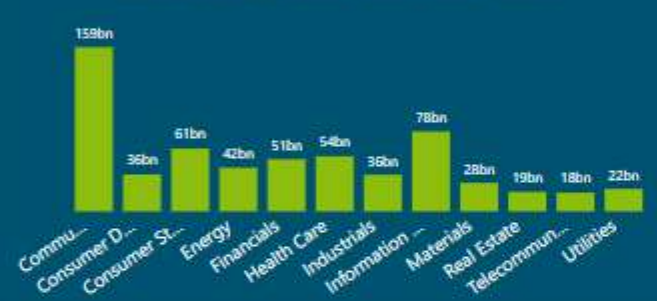
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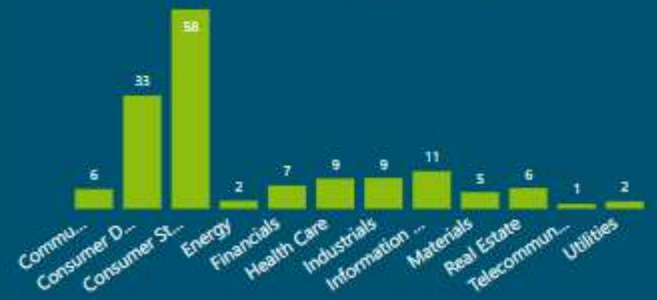
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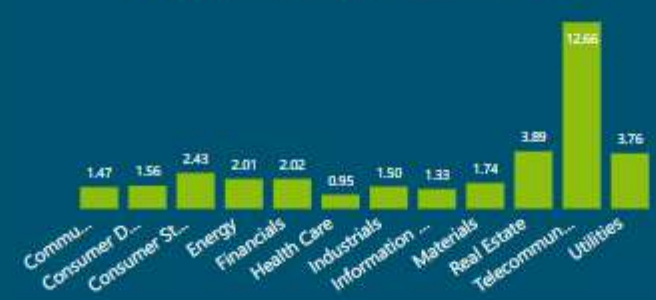
Average of Earnings/Share by GICS Sector in 2018



Average of Price/Book by GICS Sector in 2018



Average of Dividend Yield by GICS Sector in 2018



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Count of Securities per GICS Sector

17

47

31

19

55

50

55

52

21

25

27

Commun... Services

Consumer Discretio...

Consumer Staples

Energy

Financials

Health Care

Industrials

Informati... Technolo...

Materials

Real Estate

Utilities

Symbol

Company\_name

Average of volume

BAC

Bank of America

93633799.52

AAPL

Apple Inc.

54047899.74

GE

General Electric

42115682.83

F

Ford Motor Company

34462374.89

MSFT

Microsoft

33869462.75

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Share

Sector Name

Communication ServicesConsumer DiscretionaryConsumer StaplesEnergyFinancialsHealth CareIndustrialsInformation TechnologyMaterials

Volume Of the Company

Year: 2014Month: MarchDay: 3

2013: 814833880

2014: 732394222

2015: 641828567

2016: 583483044

January: 68807884

February: 65566799

March: 53288628

April: 58992166

3: 2185005

4: 2722939

5: 2835430

6: 3604729

Close Price of Stocks & Gold Price Across Years

Average of closeSum of Gold Price

2014201620182020

Close Price of Stocks & Interest Rate Across Years

Average of closeSum of Real interest rate (%)

20152020

Close Price of Stocks & Inflation Across Years

Average of closeSum of Inflation, consumer pr...

2014201620182020

Close Price of Stocks & Oil Price Across Years

Average of closeSum of crude oil price

2014201620182020

Company Name

Accenture

Adobe Inc.

ADP

Akamai

Alliance Data S...

AMD

Amphenol

Anadarko Petr...

Analog Devices

Andeavor

Ansys

APA Corporation

Apple Inc.

Applied Materi...

Arista Networks

Autodesk

Baker Hughes

Baker Hughes, ...

Broadcom Inc.

Broadridge Fin...

CA, Inc.

Cabot Oil & Gas

Cadence Desig...

CDW

Ceridian

Chesapeake En...

Chevron Corpo...

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