| 60/40 Portfolio: US Stocks (S\&P 500) and Bonds (Barclays Aggregate) Total Returns (1977-2022) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Return | Year | Return | Year | Return | S\&P 500 Down Years (1976-2022) |  |  |  |
| 1977 | -3.0\% | 1993 | 9.9\% | 2009 | 18.2\% |  |  | Bloomberg | 60/40 |
| 1978 | 4.5\% | 1994 | -0.4\% | 2010 | 11.7\% |  | S\&P 500 Total | Barclays US | Portfolio (S\&P |
| 1979 | 11.9\% | 1995 | 29.9\% | 2011 | 4.4\% |  | Return | Agg Index | 500/Barclays |
| 1980 | 20.1\% | 1996 | 15.2\% | 2012 | 11.3\% | Year | (Stocks) | TR (Bonds) | Agg) |
| 1981 | -0.3\% | 1997 | 23.9\% | 2013 | 18.6\% | 1977 | -7.2\% | 3.0\% | -3.1\% |
| 1982 | 25.3\% | 1998 | 20.6\% | 2014 | 10.6\% | 1981 | -4.9\% | 6.2\% | -0.5\% |
| 1983 | 16.7\% | 1999 | 12.3\% | 2015 | 1.1\% | 1990 | -3.2\% | 9.0\% | 1.7\% |
| 1984 | 9.7\% | 2000 | -0.8\% | 2016 | 8.2\% | 2000 | -9.1\% | 11.6\% |  |
| 1985 | 27.6\% | 2001 | -3.8\% | 2017 | 14.5\% | 2000 | -9.1\% | 11.6\% | -0.8\% |
| 1986 | 17.2\% | 2002 | -9.2\% | 2018 | -2.6\% | 2001 | -11.9\% | 8.4\% | -3.7\% |
| 1987 | 4.6\% | 2003 | 18.8\% | 2019 | 22.4\% | 2002 | -22.1\% | 10.3\% | -9.2\% |
| 1988 | 13.1\% | 2004 | 8.3\% | 2020 | 14.0\% | 2008 | -37.0\% | 5.2\% | -20.1\% |
| 1989 | 24.8\% | 2005 | 3.9\% | 2021 | 13.8\% | 2018 | -4.4\% | 0.0\% | -2.6\% |
| 1990 | 1.7\% | 2006 | 11.2\% | 2022 YTD -17.3\% |  | 2022 YTD | -20.8\% | -12.1\% | -17.3\% |
| 1991 | 24.7\% | 2007 | 6.1\% $-20.1 \%$ |  |  | © COMPOUND |  | @Charliebilello |  |

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| S\&P 500 Bear Markets (defined by 20\% Peak to Trough Decline): 1929 - Present |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bear Market Period | Length of Bear Market (Months) | NBER Recessions | Length of Recession (Months) | S\&P Start | S\&P End | \% Change |
| Jan 2022 to ? | ? | ? |  | 4819 | 3734 | -23\% |
| Feb 2020 to Mar 2020 | 1 | Feb 2020 to Apr 2020 | 2 | 3394 | 2192 | -35\% |
| Sep 2018 to Dec 2018 | 3 |  |  | 2941 | 2347 | -20\% |
| May 2011 to Oct 2011 | 5 |  |  | 1371 | 1075 | -22\% |
| Oct 2007 to Mar 2009 | 17 | Dec 2007 to Jun 2009 | 18 | 1576 | 667 | -58\% |
| Mar 2000 to Oct 2002 | 31 | Mar 2001 to Nov 2001 | 8 | 1553 | 769 | -51\% |
| Jul 1998 to Oct 1998 | 3 |  |  | 1191 | 923 | -22\% |
| Jul 1990 to Oct 1990 | 3 | Jul 1990 to Mar 1991 | 8 | 370 | 295 | -20\% |
| Aug 1987 to Oct 1987 | 2 |  |  | 338 | 216 | -36\% |
| Nov 1980 to Aug 1982 | 22 | Jul 1981 to Nov 1982 | 16 | 142 | 102 | -28\% |
| Sep 1976 to Mar 1978 | 18 |  |  | 109 | 86 | -20\% |
| Jan 1973 to Oct 1974 | 21 | Nov 1973 to Mar 1975 | 16 | 122 | 61 | -50\% |
| Dec 1968 to May 1970 | 17 | Dec 1969 to Nov 1970 | 11 | 109 | 69 | -37\% |
| Feb 1966 to Oct 1966 | 8 |  |  | 95 | 72 | -24\% |
| Dec 1961 to Jun 1962 | 6 |  |  | 73 | 51 | -29\% |
| Aug 1956 to Oct 1957 | 14 | Aug 1957 to Apr 1958 | 8 | 50 | 39 | -21\% |
| Jun 1948 to Jun 1949 | 12 | Nov 1948 to Oct 1949 | 11 | 17 | 14 | -21\% |
| May 1946 to May 1947 | 12 |  |  | 19 | 14 | -28\% |
| Nov 1938 to Apr 1942 | 36 |  |  | 14 | 7 | -46\% |
| Mar 1937 to Mar 1938 | 12 | May 1937 to Jun 1938 | 13 | 19 | 9 | -54\% |
| Jul 1933 to Mar 1935 | 20 |  |  | 12 | 8 | -34\% |
| Sep 1932 to Feb 1933 | 5 | Aug 1929 to Mar 1933 | 43 | 9 | 6 | -41\% |
| Sep 1929 to Jun 1932 | 33 | Aug 1929 to Mar 1933 | 43 | 32 | 4 | -86\% |
| Average All | 14 |  |  |  |  | -36\% |
| $\triangle$ COMPOUND |  | Note: Includes intr | ra-day hig | s/lows | @Char | eBilello |

YCHARTS

## It's been a challenging backdrop for markets this year



[^0]
## How close is the next recession?



Sources: Capital Group, FactSet. GDP data are in USD and are the latest available through 3/31/22. Country position within the business cycle are forward-looking estimates by Capital Group economists as of June 2022 .

## Inflation

## CPI and core CPI

\% change vs. prior year, seasonally adjusted


Source: BLS, FactSet, J.P. Morgan Asset Management.
CPI used is CPI-U and values shown are \% change vs. one year ago. Core CPI is defined as CPI excluding food and energy prices. The Personal Consumption Expenditure (PCE) deflator employs an evolving chain-weighted basket of consumer expenditures instead of the fixed-weight basket used in CPI calculations.
Guide to the Markets - U.S. Data are as of June 30, 2022.

## Inflation components

## Contributors to headline inflation

Contribution to $\mathrm{y} / \mathrm{y} \%$ change in CPI, non seasonally adjusted


Source: BLS, J.P. Morgan Asset Management. Contributions mirror the BLS methodology on Table 7 of the CPI report. Values may not sum to headline CPI figures due to rounding and underlying calculations. "Shelter" includes owners equivalent rent and rent of primary residence. "Other" primarily reflects household furnishings, apparel, education and communication services, medical care services and other personal services.
Guide to the Markets - U.S. Data are as of June 30, 2022.

## Global supply chain pressures

## Fed Global Supply Chain Pressure Index*

Standard deviation from average value


Fed Global Supply Chain Pressure Index subcomponents
2021
2022
Fed Global Supply Chain Pressure Index

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb Mar | Apr |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Source: Federal Reserve Bank of New York, IHS Markit, J.P. Morgan Asset Management.
*The Federal Reserve Bank of New York bases its Global Supply Chain Pressure Index on the 25-year averages of the Baltic Dry Index (benchmark for the price of moving raw materials by sea), Harpex Index (benchmark for the rate liners pay to charter ships), BLS airfreight cost indices (benchmarks for measuring change in rates for air transpiration) and 3 PMI supply chain-related components: delivery times (the amount of time elapsed between the time an order is placed and the time it is shipped), backlogs (the volume of orders that a company has received, but not yet fulfilled) and purchased stocks (the level of inventory of materials purchased in the current month compared to the month prior) for manufacturing firms across seven interconnected economies: China, the euro area, Japan, South Korea, Taiwan, the United Kingdom and the United States. Heatmap colors determined by that month's level compared to 10 -year average. Red $=$ Very slow/constrained, Yellow $=$ Average/moderate, and Green = Fast/least constrained.

## Oil markets

## Change in production and consumption of liquid fuels

Production, consumption and inventories, millions of barrels per day

| Production | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ | $\mathbf{2 0 2 1}$ | $\mathbf{2 0 2 2}^{*}$ | $\mathbf{2 0 2 3}^{*}$ | Growth since '19 |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: |
| U.S. | 19.5 | 18.6 | 18.9 | 20.2 | 21.5 | $10.3 \%$ |
| OPEC | 34.6 | 30.7 | 31.7 | 34.3 | 35.0 | $1.3 \%$ |
| Russia | 11.5 | 10.5 | 10.8 | 10.4 | 9.5 | $-17.0 \%$ |
| Global | $\mathbf{1 0 0 . 3}$ | $\mathbf{9 3 . 8}$ | $\mathbf{9 5 . 6}$ | $\mathbf{1 0 0 . 1}$ | $\mathbf{1 0 1 . 6}$ | $\mathbf{1 . 3 \%}$ |
| Consumption |  |  |  |  |  |  |
| U.S. | 20.5 | 18.2 | 19.8 | 20.5 | 20.8 | $1.2 \%$ |
| China | 14.0 | 14.4 | 15.3 | 15.5 | 16.1 | $14.6 \%$ |
| Global | $\mathbf{1 0 0 . 9}$ | $\mathbf{9 1 . 8}$ | $\mathbf{9 7 . 4}$ | $\mathbf{9 9 . 6}$ | $\mathbf{1 0 1 . 6}$ | $\mathbf{0 . 7 \%}$ |
| Inventory Change | -0.6 | 2.0 | -1.8 | 0.5 | 0.0 |  |

## U.S. refinery spread

Gasoline prices minus WTI crude oil prices, dollars per gallon


## Price of oil



## Global commodities

Commodity prices
Commodity price z-scores $\begin{array}{llllllllllll}-4 & -3 & -2 & -1 & 0 & 1 & 2 & 3 & 4 & 5 & 6 & 7\end{array}$ Bloomberg
Commodity Index


Contribution to global production of commodities
\% of global production, latest


Source: FactSet, J.P. Morgan Asset Management; (Left) Bloomberg, CME; (Right) Eurostat, HSBC.
Commodity prices are represented by the appropriate Bloomberg Commodity subindex. Crude oil shown is West Texas Intermediate (WTI). Other commodity prices are represented by futures contracts. Z-scores are calculated using daily prices over the past 20 years.
Guide to the Markets - U.S. Data are as of June 30, 2022.




Last Updated Friday, July 1, 2022


## Expect more volatility as the Fed fights inflation



[^1]
## Yield curve



Source: FactSet, Federal Reserve, J.P. Morgan Asset Management.
Guide to the Markets - U.S. Data are as of June 30, 2022.

Fixed income market dynamics

| U.S. Treasuries | Yield |  | Return |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 6/30/2022 | 12/31/2021 | $\begin{gathered} 2022 \\ \text { YTD } \end{gathered}$ | Avg. Maturity | Correlation to 10-year | Correlation to S\&P 500 |
| 2-Year | 2.92\% | 0.73\% | -3.05\% | 2 years | 0.69 | -0.32 |
| 5-Year | 3.01\% | 1.26\% | -7.15\% | 5 | 0.92 | -0.29 |
| TIPS | 0.65\% | -1.04\% | -8.92\% | 10 | 0.58 | 0.24 |
| 10-Year | 2.98\% | 1.52\% | -11.71\% | 10 | 1.00 | -0.26 |
| 30-Year | 3.14\% | 1.90\% | -23.57\% | 30 | 0.93 | -0.25 |

## Impact of a 1\% rise or fall in interest rates



Source: Bloomberg, FactSet, Standard \& Poor's, U.S. Treasury, J.P. Morgan Asset Management. Sectors shown above are provided by Bloomberg unless otherwise noted and are represented by - U.S. Aggregate; MBS: U.S. Aggregate Securitized - MBS; ABS: J.P. Morgan ABS Index; Corporates: U.S. Corporates; Municipals: Muni Bond; High Yield: Corporate High Yield; Leveraged Loans: J.P. Morgan Leveraged Loan Index; TIPS: Treasury Inflation-Protected Securities; Convertibles: U.S. Convertibles Composite. Convertibles yield is as of most recent month end and is based on U.S. portion of Bloomberg Global Convertibles Index. Yield and return information based on bellwethers for Treasury securities. Sector yields reflect yield-to-worst. Convertibles yield is based on U.S. portion of Bloomberg Global Convertibles. Correlations are based on 15 -years of monthly returns for all sectors. Past performance is not indicative of future results.
Guide to the Markets - U.S. Data are as of June 30, 2022.

## Economic growth and the composition of GDP

## Real GDP

Billions of chained (2012) dollars, seasonally adjusted at annual rates


## Components of GDP

1Q22 nominal GDP, USD trillions


Source: BEA, FactSet, J.P. Morgan Asset Management. Values may not sum to 100\% due to rounding. Trend growth is measured as the average annual growth rate from business cycle peak 1Q01 to business cycle peak 4Q19.
Guide to the Markets - U.S. Data are as of May 31, 2022.

## Consumer confidence and the stock market

Consumer Sentiment Index and subsequent 12-month S\&P 500 returns


Source: FactSet, Standard \& Poor's, University of Michigan, J.P. Morgan Asset Management.
Peak is defined as the highest index value before a series of lower lows, while a trough is defined as the lowest index value before a series of higher highs. Subsequent 12-month S\&P 500 returns are price returns only, which excludes dividends. Past performance is not a reliable indicator of current and future results.
Guide to the Markets - U.S. Data are as of June 30, 2022.

## Residential real estate



## Home prices



## Housing inventories

Inventory of new and existing single family homes for sale, thous, NSA


## Mortgage originations by credit score*



[^2]
## US Retail Gas Price

US Retail Gas Price (National Average)

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Through Feb. 2022

- US M2 Money Supply


YCHARTS

## Unemployment and wages

Civilian unemployment rate and year-over-year wage growth
Private production and non-supervisory workers, seasonally adjusted, percent


Source: BLS, FactSet, J.P. Morgan Asset Management.
Guide to the Markets - U.S. Data are as of June 30, 2022.



FRED $\approx$ - Labor Force Participation Rate - $25-54$ Yrs.


Ages 55+ flat since pandemic: Feb. 2020: 40.3, June 2020: 39.0, May 202238.9

## S\&P 500 valuation measures

S\&P 500 Index: Forward P/E ratio


Source: FactSet, FRB, Refinitiv Datastream, Robert Shiller, Standard \& Poor's, Thomson Reuters, J.P. Morgan Asset Management.
Price-to-earnings is price divided by consensus analyst estimates of earnings per share for the next 12 months as provided by IBES since June 1997 and by FactSet since January 2022. Current next 12 -months consensus earnings estimates are $\$ 240$. Average P/E and standard deviations are calculated using 25 years of history. Shiller's P/E uses trailing 10-years of inflation-adjusted earnings as reported by companies. Dividend yield is calculated as the next $12-$ month consensus dividend divided by most recent price. Price-to-book ratio is the price divided by book value per share. Price-to-cash flow is price divided by NTM cash flow. EY minus Baa yield is the forward earnings yield (consensus analyst estimates of EPS over the next 12 months divided by price) minus the Moody's Baa seasoned corporate bond yield. Std. dev. over-/under-valued is calculated using the average and standard deviation over 25 years for each measure. *P/CF is a 20-year average due to cash flow availability.

## Corporate profits and sources of total return

S\&P 500 earnings per share
Index annual operating earnings


Percent change in S\&P 500, earnings and valuations*
Year-to-date, indexed to 100


Historical EPS levels are based on annual operating earnings per share. Earnings estimates are based on estimates from Standard \& Poor's and FactSet Market Aggregates. *Earnings and multiple growth are both year-to-date percent changes of next twelve-month estimates. Past performance is not indicative of future returns.
Guide to the Markets - U.S. Data are as of June 30, 2022.

## Profit margins and input costs

S\&P 500 profit margins
Quarterly operating earnings/sales


## Labor share of income and profit margins*

Compensation and adjusted after-tax corporate profits as \% of GDP


S\&P 500 sales per share and PPI for intermediate materials Year-over-year \% change, monthly, last 20 years


Source: BEA, Compustat, FactSet, Standard \& Poor's, J.P. Morgan Asset Management. Past performance is not indicative of future returns. (Left)
*1Q22 operating margin is an estimate from Standard \& Poor's based on $98.0 \%$ of the S\&P 500's market cap having reported results. (Right)*Labor share of income and profit margins are shown on a 4-quarter moving average basis. Compensation and adjusted after-tax corporate profits are shown as a percentage of real GDP, SAAR. **Correlation is calculated using monthly y/y percent changes over the last 20 years between S\&P 500 sales per share and PPI for intermediate materials.
Guide to the Markets - U.S. Data are as of June 30, 2022.

## Value vs. Growth

Value vs. Growth relative valuations
Rel. fwd. P/E ratio of Value vs. Growth, 1997 - present


S\&P 500 operating leverage by sector
Impact on operating income from a $1 \%$ rise in revenues


Source: FactSet, FTSE Russell, NBER, J.P. Morgan Asset Management.
(Left) Growth is represented by the Russell 1000 Growth Index and Value is represented by the Russell 1000 Value Index. *Long-term averages are calculated monthly since December 1997. **Dividend yield is calculated as the next 12-month consensus dividend divided by most recent price. (Right) Operating leverage is a bottom-up calculation based on the 5 -year compounded annual growth rate (CAGR) in EBIT divided by the 5 -year CAGR in revenues. Each sector's operating leverage is weighted by market cap. Calculations use EBIT and revenue over the 5 -year period between 2016 and 2021.
Guide to the Markets - U.S. Data are as of June 30, 2022.

China: Economic growth

China real GDP contribution
Year-over-year \% change for GDP, contribution to GDP for components


## Monetary stimulus: Reserve requirement ratio



Fiscal stimulus: Fiscal deficit ${ }^{\star}$
\% GDP


[^3] Guide to the Markets - U.S. Data are as of June 30, 2022.

## MARKET VALUATION

U.S. Stock Market Trading at Rarely Seen Discount to Intrinsic Value

## U.S. Stock Market has Over-Corrected to Downside

- Confluence of four main headwinds have pushed markets down deep into undervalued territory.
- Broad U.S. stock market is trading at a price to fair value of 0.83 times.
- Growth stocks most undervalued, trading at a price to fair value of 0.78 , followed by value at 0.83 .
- Small-cap stocks are trading at the greatest discount to fair value at 0.68 .

Morningstar Equity Research Coverage Price to Fair Value, U.S. Equity Style Box


## MARKET VALUATION

Only Few Other Instances When Valuations Have Been This Low

Morningstar U.S. Equity Research Coverage Price to Fair Value


Since 2010, Stocks Have Rarely Been this Undervalued

- Undervaluation is at greatest discount since emergence of the pandemic in March 2020.
- Other instances include:
- December 2018: Growth scare
- Fall of 2011: Greek debt crisis / European banking system.
- Mid-2015/early 2016: Declining economic growth in China and plunging oil prices


## Annual returns and intra-year declines

S\&P intra-year declines vs. calendar year returns
Despite average intra-year drops of 14.0\%, annual returns were positive in 32 of 42 years


Source: FactSet, Standard \& Poor's, J.P. Morgan Asset Management.
Returns are based on price index only and do not include dividends. Intra-year drops refers to the largest market drops from a peak to a trough during the year. For illustrative purposes only. Returns shown are calendar year returns from 1980 to 2021, over which time period the average annual return was 9.4\%.
Guide to the Markets - U.S. Data are as of June 30, 2022.

 cannot invest directly in an index. Index returns do not reflect any fees, expenses, or sales charges. These returns were the result of certain market factors and events which may not be repeated in the future
 Financial professionals are responsible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

## Equity scenarios: Bull, bear and in-between

Return needed to reach January 2022 peak
Current S\&P 500 peak is 4797


## Bull and bear markets

| Bull markets |  |  | Bear markets |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Bull begin date | Bull return | Duration (months) | Market peak | Bear return* | Duration (months)* |
| Jul 1926 | 152\% | 37 | Sep 1929 | -86\% | 32 |
| Mar 1935 | 129\% | 23 | Mar 1937 | -60\% | 61 |
| Apr 1942 | 158\% | 49 | May 1946 | -30\% | 36 |
| Jun 1949 | 267\% | 85 | Aug 1956 | -22\% | 14 |
| Oct 1960 | 39\% | 13 | Dec 1961 | -28\% | 6 |
| Oct 1962 | 76\% | 39 | Feb 1966 | -22\% | 7 |
| Oct 1966 | 48\% | 25 | Nov 1968 | -36\% | 17 |
| May 1970 | 74\% | 31 | Jan 1973 | -48\% | 20 |
| Mar 1978 | 62\% | 32 | Nov 1980 | -27\% | 20 |
| Aug 1982 | 229\% | 60 | Aug 1987 | -34\% | 3 |
| Oct 1990 | 417\% | 113 | Mar 2000 | -49\% | 30 |
| Oct 2002 | 101\% | 60 | Oct 2007 | -57\% | 17 |
| Mar 2009 | 401\% | 131 | Feb 2020 | -34\% | 1 |
| Mar 2020 | 114\% | 21 | Jan. 2022** | -24\% | 5 |
| Averages | 162\% | 51 | - | -41\% | 20 |

Source: FactSet, NBER, Robert Shiller, Standard \& Poor's, J.P. Morgan Asset Management. (Right) The current peak of 4797 was observed on
January 3, 2022. The current market level as of June 30, 2022 is 3785 . (Left) *A bear market is defined as a $20 \%$ or more decline from the previous market high. The related market return is the peak to trough return over the cycle. Bear and bull returns are price returns. ${ }^{* * T h e ~ b e a r ~ m a r k e t ~}$ beginning in January 2022 is currently ongoing. The "bear return" for this period is from the January 2022 market peak through the current trough. Averages for the bear market return and duration do not include figures from the current cycle. Guide to the Markets - U.S. Data are as of June 30, 2022.

## A History of Market Corrections

Investors like to avoid stock market declines at all costs, but declines are an inevitable part of investing. A little historical background can help put stock market declines in perspective.

## S\&P 500 INDEX 1942-2022

| Type of Decline | Average Frequency* | Average Length** | Last 0ccurrence |
| :---: | :---: | :---: | :---: |
| $-5 \%$ or more | About 3 times a year | 40 days | June 2022 |
| $-10 \%$ or more | About every 16 months | 130 days | June 2022 |
| $-15 \%$ or more | About every 3.25 years | 237 days | June 2022 |
|  |  |  |  |
|  |  |  |  |


| Type of Decline | Average Frequency* | Average Length** | Last Occurrence |
| :---: | :---: | :---: | :---: |
| $-5 \%$ or more | About 3 times a year | 41 days | June 2022 |
| $-10 \%$ or more | About every 17 months | 132 days | June 2022 |
| $-15 \%$ or more | About every 2.75 years | 223 days | June 2022 |
| $-20 \%$ or more | About every 6 years | 407 days | March 2020 |

## Source: Bloomberg, 4/29/1942-6/30/2022. Past performance is no guarantee of future results. For illustrative purposes only and not indicative of any actual investment. Investors cannot invest directly in an index.

 recovery is noted, the algorithm begins searching for the next decline to start the cycle again
** Measures from the date of the market high to the date of the market low.
The S\&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance.
The Dow Jones Industrial Average ${ }^{\ominus}$ (The Dow ${ }^{\ominus}$ ), is a price-weighted measure of 30 U.S. blue-chip companies. The index covers all industries except transportation and utilities.
The information presented is not intended to constitute an investment recommendation for, or advice to, any specific person. By providing this information, Fisst Trust is not undertaking to give advice in any fiduciary capacity within the meaning of ERISA, the Internal Revenue Code or any other regulatory framework. Financial professionals are responssible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

## Probability of Positive Returns

S\&P 500 Index - Since 1937

Investing in the stock market can be volatile. For this reason, we believe it is important to keep proper perspective when stocks rise or fall over short periods of time. History has shown that the odds of achieving a positive return are dramatically increased the longer the investment horizon.


[^4]
[^0]:    Sources: RIMES, Standard \& Poor's. As of 6/13/22

[^1]:    

[^2]:    Source: J.P. Morgan Asset Management; (Top and bottom left, top right) FactSet; (Top left) Freddie Mac; (Top right) Census Bureau, National Association of Realtors; (Bottom left) S\&P/Case-Shiller; (Bottom right) New York Fed Consumer Credit Panel/Equifax. Monthly mortgage payment assumes the prevailing 30-year fixed-rate mortgage rates and average new home prices excluding a $20 \%$ down payment. *Credit score is Equifax Riskscore 3.0.
    Guide to the Markets - U.S. Data are as of June 30, 2022.

[^3]:    Source: FactSet, J.P. Morgan Asset Management; (Left) CEIC; (Top right) People’s Bank of China; (Bottom right) China Agriculture Development Bank, China Development Bank, Ministry of Finance, People's Bank of China, Wind. *The fiscal deficit is a J.P. Morgan Global Economic Research estimate of the augmented fiscal deficit. It measures the aggregate resources controlled by the government and used to support economic growth. It consists of the official budgetary deficit of the central and local governments, and additional funding raised and spent by local governments through Local Government Financing Vehicles and various government-guided funds, whose activities are considered quasi-fiscal. Large banks are six major banks in China, including Industrial and Commercial Bank of China, Agricultural Bank of China, Bank of China, China Construction Bank, Bank of Communications, Postal Savings Bank of China. The other banks are categorized as
    small and medium-sized banks. PBoC sets favorable required reserve ratio (RRR) for banks that have met specific criteria, such as loans to small and medium-sized enterprises and agricultural sectors. These measures have significantly brought down the actual RRR for banks. Forecasts are not a reliable indicator of future performance. Forecasts, projections and other forward-looking statements are based upon current beliefs and expectations. They are for illustrative purposes only and serve as an indication of what may occur. Given the inherent uncertainties and risks associated with forecasts, projections or other forward-looking statements, actual events, results or performance may differ materially from those reflected or contemplated.

[^4]:    
     market performance. The index cannot be purchased directly by investors.
     Financial professionals are responsible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

