

☐First Trust

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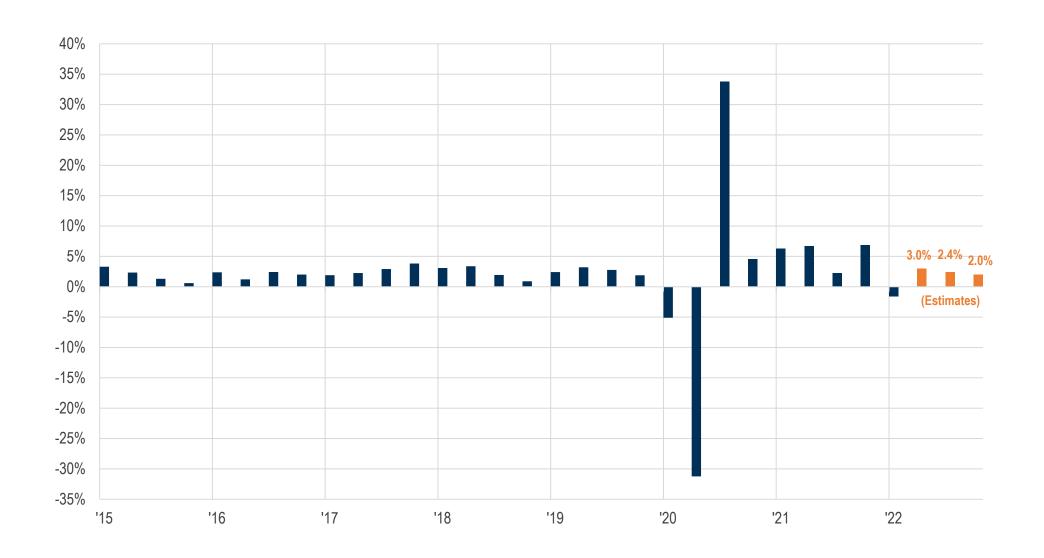
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U.S. GDP: QUARTER-OVER-QUARTER CHANGE (SAAR)



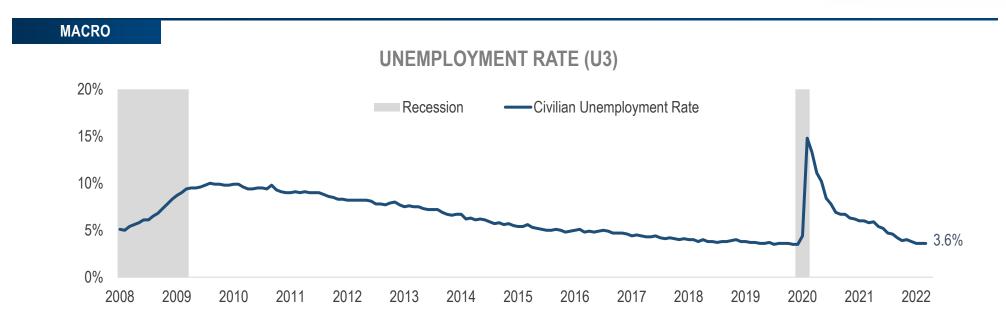
MACRO



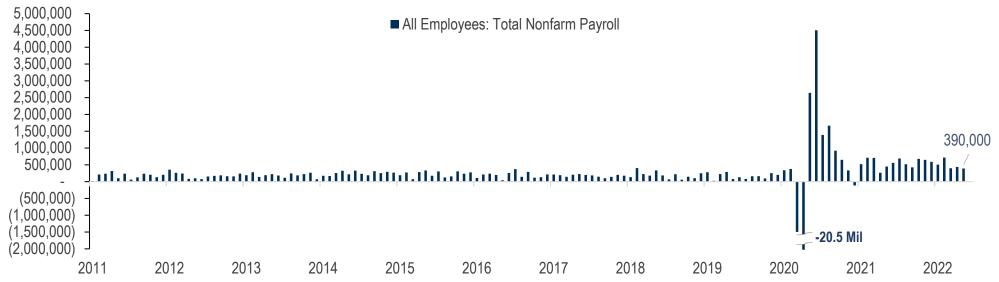
Source: Haver Analytics (historical), Bloomberg (consensus estimates). Q1 2015 to Q1 2022 are actual, Q2 2022 to Q4 2022 are consensus estimates. GDP percent change is on a quarter over quarter seasonally adjusted annual rate (SAAR) basis. There can be no assurance that any of the projections cited will occur. Gross domestic product (GDP) is the monetary value of all finished goods and services made within a country during a specific period.

U.S. LABOR MARKET



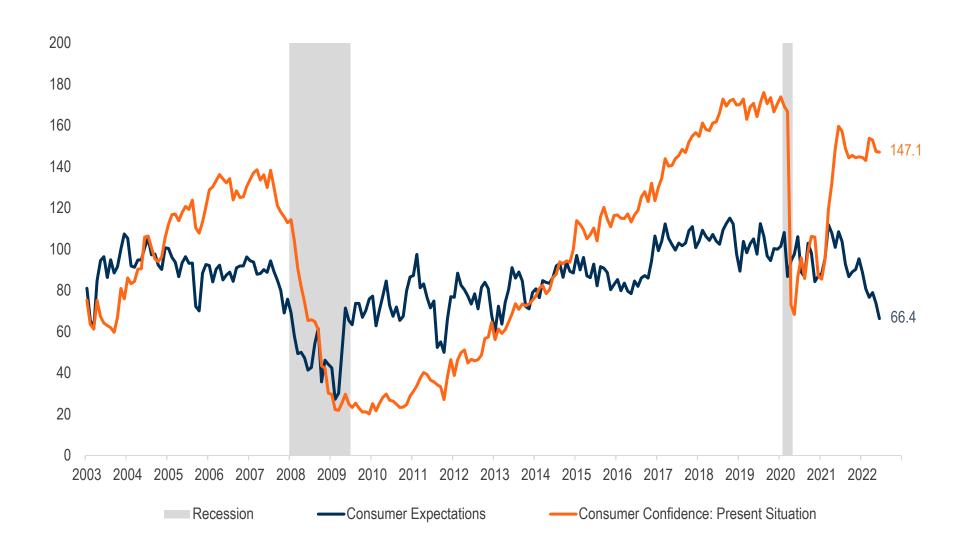


CHANGE IN TOTAL NONFARM PAYROLLS



Source: Haver Analytics. Unemployment data from March 2008 to May 2022 (latest data available). Unemployment Rate: 16+ years, seasonally adjusted. Payroll data from January 2011 to May 2022. Seasonally adjusted. April 2020 uses a broken axis since it has an extreme value.



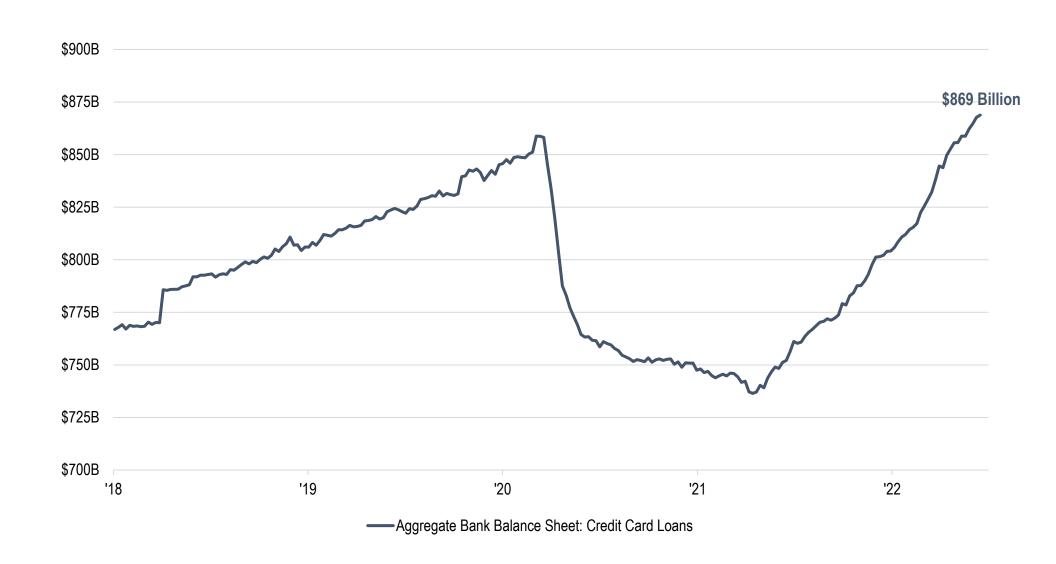


Source: The Conference Board/Haver Analytics. Data from January 2003 to June 2022. The Consumer Confidence Index is a survey, administered by The Conference Board, that measures how optimistic or pessimistic consumers are regarding their expected financial situation. The Consumer Confidence Index started in 1967 and is benchmarked to 1985 = 100.

CREDIT CARD BALANCES

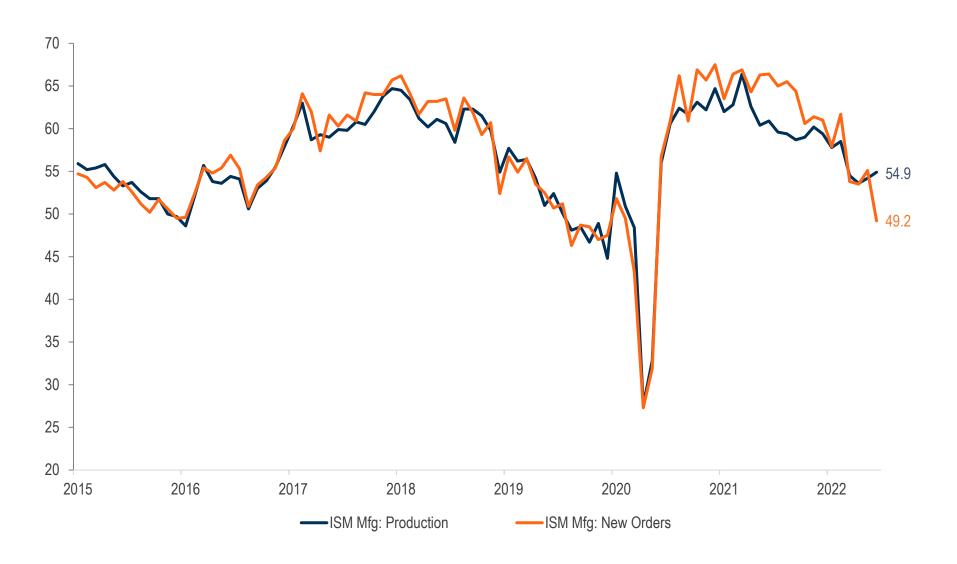


MACRO



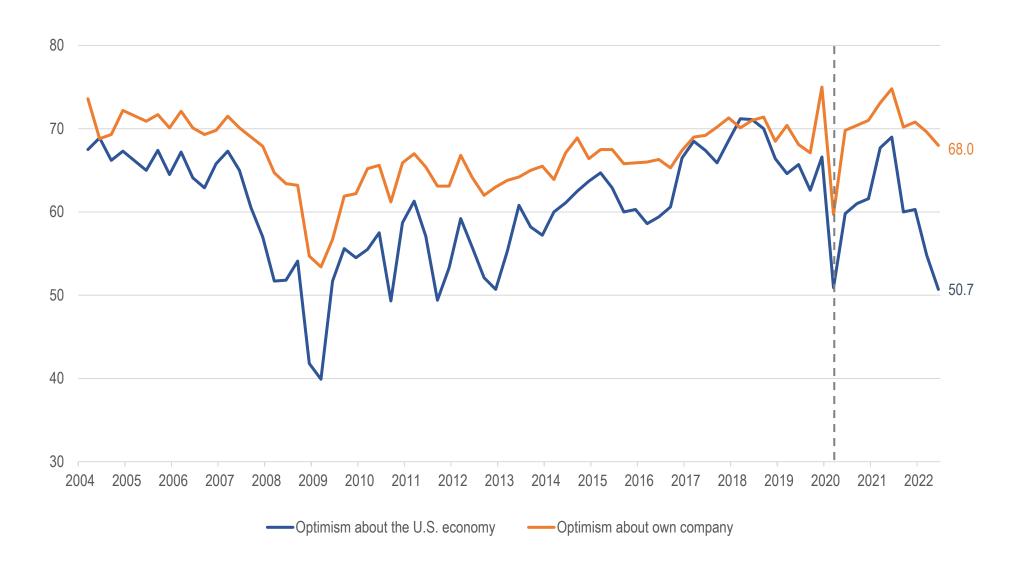
Source: Federal Reserve Economic Data (FRED). Weekly data from 1/3/18 to 6/15/22. Billions of U.S. dollars, seasonally adjusted. Includes consumer loans: credit cards and other revolving plans, all commercial banks.





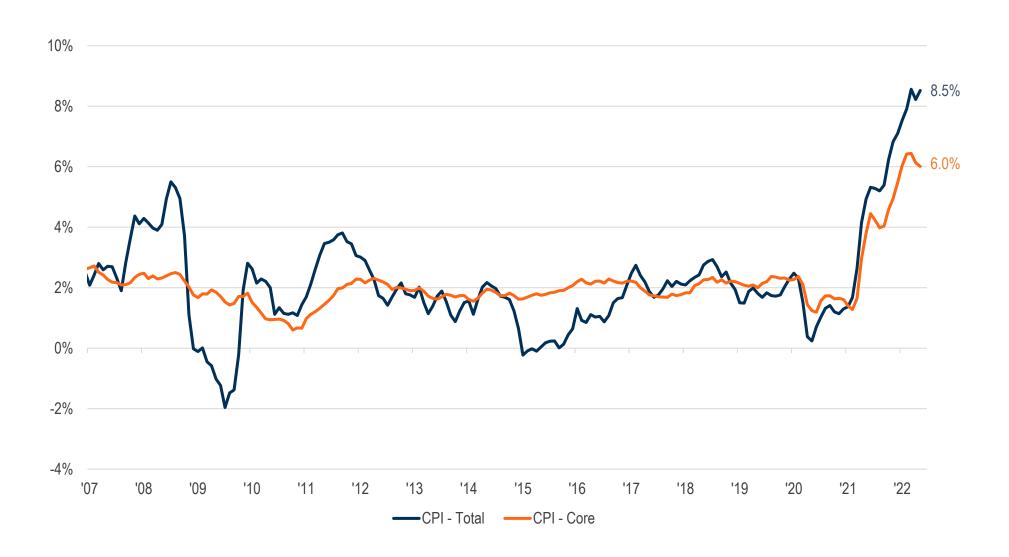
Source: Haver Analytics. Data from January 2015 to June 2022. ISM Manufacturing Index measures manufacturing activity based on a monthly survey, conducted by Institute for Supply Management (ISM), of purchasing managers at more than 300 manufacturing firms. An index reading of more than 50 indicates expansion while a reading of below 50 suggests a contraction of the manufacturing sector.





Source: Duke University, FRB Atlanta and FRB Richmond, The CFO Survey. March 2004 – June 2022.





Source: FactSet. Data from December 2006 to May 2022 (latest data available), year-over-year. The **Consumer Price Index (CPI)** is a measure of the average change over time in the prices paid by urban consumers for a market basket of consumer goods and services. Core CPI is CPI minus energy and food prices (categories that tend to be highly volatile).

M2 MONEY SUPPLY

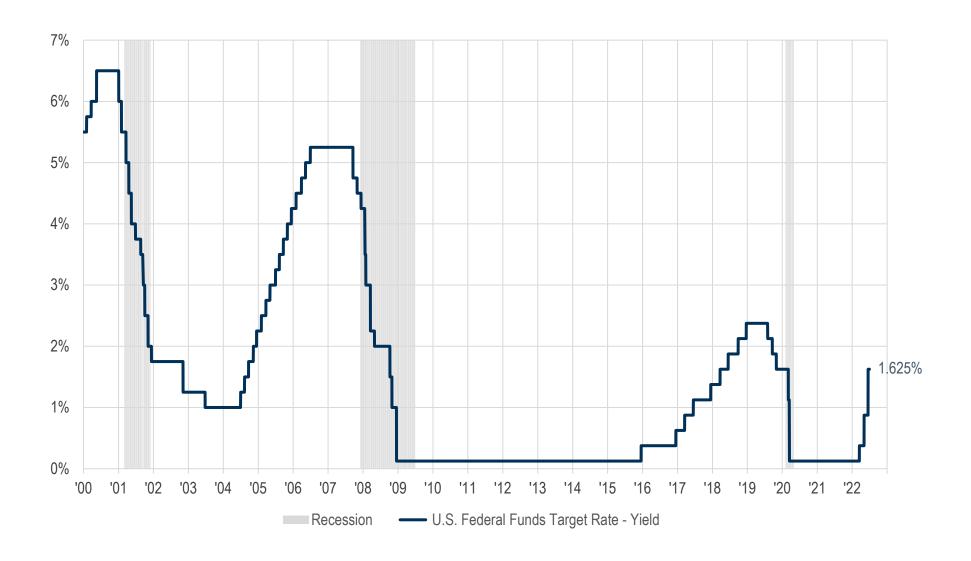


MACRO



Source: Federal Reserve Board/Haver Analytics, June 2012 – May 2022 (latest data available).





Source: FactSet. Data from 12/31/1999 to 6/30/2022.

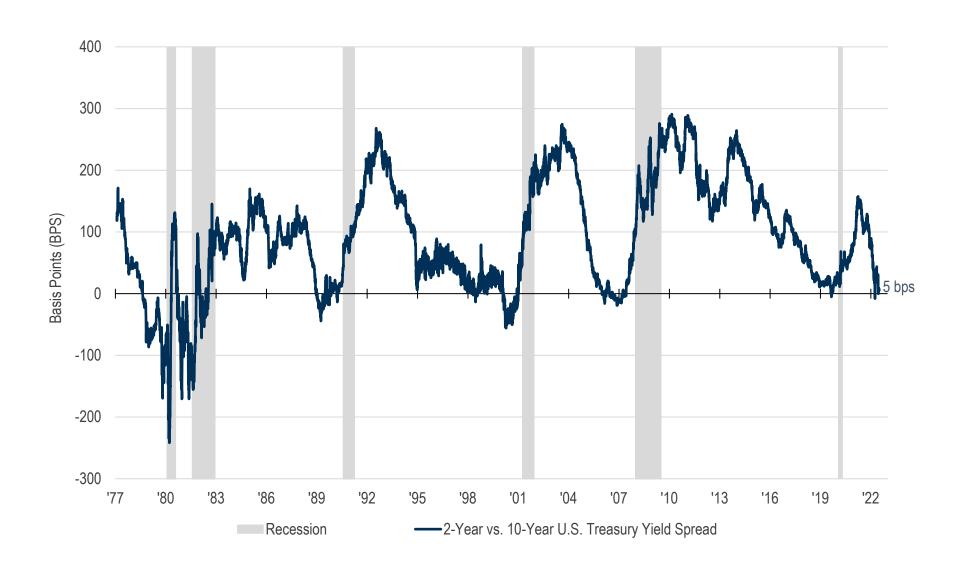




Past performance is no guarantee of future results.

Source: Bloomberg. Weekly data from January 2000 to June 2022.





Past performance is no guarantee of future results.

Source: Bloomberg. Data from January 1977 to June 2022.

U.S. DOLLAR INDEX



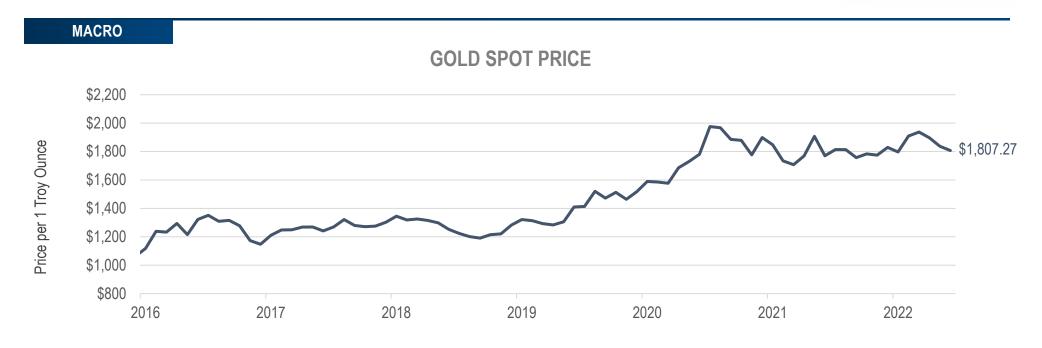
MACRO



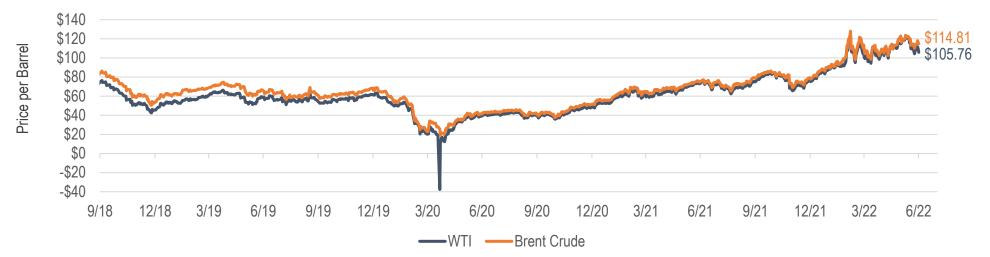
Past performance is no guarantee of future results.

Source: Bloomberg. Weekly data from January 2014 to June 2022. This chart is for illustrative purposes only and not indicative of any actual investment. The U.S. Dollar Index (DXY) indicates the general international value of the dollar relative to a basket of major world currencies. Indices are unmanaged and investors cannot invest directly in an index.





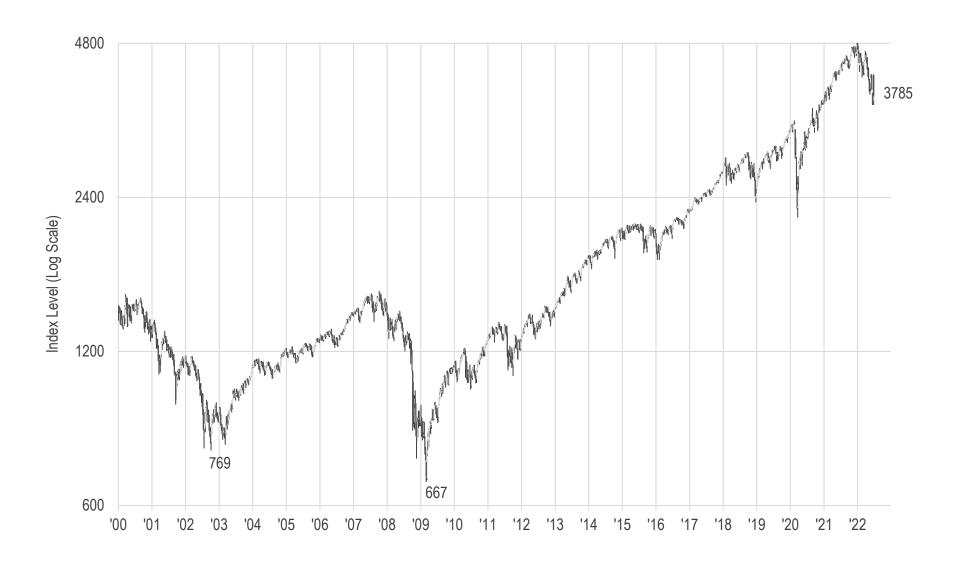
WEST TEXAS INTERMEDIATE (WTI) VS. BRENT CRUDE OIL



Past performance is no guarantee of future results.

Source: Bloomberg. Gold is monthly data from 8/31/15 to 6/30/22. Gold spot price is the current market price. WTI and Brent Crude oil is daily data from 7/2/18 to 6/30/22.





Past performance is no guarantee of future results.

Source: Bloomberg. Weekly data from January 2000 to June 2022. This chart is for illustrative purposes only and not indicative of any actual investment. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Investors cannot invest directly in an index.

SIZE AND STYLE INDICES: TOTAL RETURNS



MARKETS

Index	YTD	3 Mo	6 Mo	12 Mo	3 Yr.^	5 Yr.^	10 Yr.^
S&P 500	-19.97%	-16.11%	-19.97%	-10.64%	10.55%	11.29%	12.93%
S&P 500 Growth	-27.62%	-20.81%	-27.62%	-16.41%	11.60%	13.45%	14.33%
S&P 500 Value	-11.42%	-11.28%	-11.42%	-4.89%	8.18%	8.16%	10.94%
S&P Midcap 400	-19.57%	-15.44%	-19.57%	-14.69%	6.82%	7.00%	10.87%
S&P Midcap 400 Growth	-24.95%	-17.48%	-24.95%	-20.54%	5.12%	6.50%	10.47%
S&P Midcap 400 Value	-14.04%	-13.51%	-14.04%	-8.70%	7.87%	7.05%	10.92%
S&P SmallCap 600	-18.97%	-14.13%	-18.97%	-16.88%	7.23%	7.14%	11.21%
S&P SmallCap 600 Growth	-23.68%	-15.63%	-23.68%	-19.69%	6.02%	7.34%	11.30%
S&P SmallCap 600 Value	-14.18%	-12.75%	-14.18%	-14.00%	7.94%	6.68%	10.95%
Russell 1000	-20.95%	-16.68%	-20.95%	-13.05%	10.13%	10.98%	12.80%
Russell 2000	-23.45%	-17.21%	-23.45%	-25.24%	4.17%	5.14%	9.33%
Russell 3000	-21.11%	-16.71%	-21.11%	-13.88%	9.73%	10.58%	12.56%
Dow Jones Industrial Average	-14.44%	-10.78%	-14.44%	-9.05%	7.22%	9.98%	11.69%
The NASDAQ Composite	-29.22%	-22.27%	-29.22%	-23.40%	12.20%	13.51%	15.48%

Past performance is no guarantee of future results.

Source: Bloomberg. Total returns as of 6/30/22. ^Annualized returns. For illustrative purposes only and not indicative of any actual investment. Indices do not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Indices are unmanaged and investors cannot invest directly in an index.

Index Definitions: S&P 500 - An unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. S&P 500 Growth - S&P measures growth stocks using three factors: sales growth, the ratio of earnings change to price, and momentum. Constituents are drawn from the S&P 500 Index. S&P MidCap 400 Growth - S&P measures growth stocks using three factors: the ratios of book value, earnings, and sales to price. Constituents are drawn from the S&P MidCap 400 Index. S&P SmallCap 600 - A capitalization-weighted index that tracks U.S. stocks with a small market capitalization. S&P SmallCap 600 Growth - S&P measures growth stocks using three factors: sales growth, the ratio of earnings change to price, and momentum. Constituents are drawn from the S&P MidCap 400 Index. S&P SmallCap 600 - A capitalization-weighted index that tracks U.S. stocks with a small market capitalization. S&P SmallCap 600 Growth - S&P measures growth stocks using three factors: sales growth, the ratio of earnings change to price, and momentum. Constituents are drawn from the S&P MidCap 400 Index. S&P SmallCap 600 - S&P SmallCap 600 Growth - S&P measures growth stocks using three factors: the ratios of book value, earnings, and sales to price. Constituents are drawn from the S&P SmallCap 600 Index. S&P SmallCap 600 Index. S&P SmallCap 600 Index. Russell 1000 - Comprised of the largest 1000 contituents are drawn from the S&P SmallCap 600 Index. Russell 1000 - Comprised of the largest 1000 contituents are drawn from the S&P SmallCap 600 Index. Russell 1000 - Comprised of the largest 1000 companies in the Russell 3000 Index. Russell 3000 Index. Russell 3000 Index. Russell 3000 Index (an index capitalization) in the Russell 3000 I

S&P 500 SECTOR INDEX: TOTAL RETURNS



MARKETS

Index	YTD	3 Mo	6 Mo	12 Mo	3 Yr.^	5 Yr.^	10 Yr.^
S&P 500 Energy	31.64%	-5.29%	31.64%	39.55%	10.00%	6.93%	4.24%
S&P 500 Utilities	-0.56%	-5.09%	-0.56%	14.29%	9.00%	9.78%	10.47%
S&P 500 Consumer Staples	-5.58%	-4.62%	-5.58%	6.66%	10.83%	8.78%	10.67%
S&P 500 Health Care	-8.33%	-5.91%	-8.33%	3.37%	13.57%	12.15%	14.96%
S&P 500 Industrials	-16.79%	-14.78%	-16.79%	-13.43%	6.02%	6.74%	11.29%
S&P 500 Materials	-17.90%	-15.90%	-17.90%	-8.73%	10.23%	8.73%	9.90%
S&P 500 Financials	-18.73%	-17.50%	-18.73%	-12.72%	6.64%	7.16%	12.43%
S&P 500 Real Estate	-20.11%	-14.72%	-20.11%	-5.31%	6.94%	8.46%	7.66%
S&P 500 Information Technology	-26.91%	-20.24%	-26.91%	-13.56%	18.64%	20.20%	18.66%
S&P 500 Communication Services	-30.16%	-20.71%	-30.16%	-29.05%	5.34%	6.14%	5.99%
S&P 500 Consumer Discretionary	-32.82%	-26.16%	-32.82%	-24.20%	5.36%	9.74%	13.50%

Past performance is no guarantee of future results.

Source: Bloomberg. Total returns as of 6/30/22. ^Annualized returns. For illustrative purposes only and not indicative of any actual investment. Indices do not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Investors cannot invest directly in an index. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance, while the 11 major S&P 500 Sector Indices are capitalization-weighted and comprised of S&P 500 constituents representing a specific sector.

As of 9/28/18, GICS was reconstituted, and the Telecommunications Services sector was renamed Communication Services. GICS sector information for periods prior to 9/28/18 may not necessarily be comparable to the reconstituted sectors.

FOREIGN INDICES: TOTAL RETURNS



MARKETS

Index	YTD	3 Mo	6 Mo	12 Mo	3 Yr.^	5 Yr.^	10 Yr.^
MSCI All-Country World Ex-USA	-18.42%	-13.73%	-18.42%	-19.42%	1.35%	2.50%	4.83%
MSCI World Ex-USA	-18.45%	-14.44%	-18.45%	-16.30%	2.19%	3.18%	5.88%
MSCI Europe	-22.14%	-15.49%	-22.14%	-19.51%	-0.87%	-0.17%	2.93%
MSCI EAFE	-19.23%	-14.32%	-19.23%	-17.26%	1.63%	2.78%	5.99%
MSCI Emerging Markets	-17.57%	-11.40%	-17.57%	-25.08%	0.87%	2.51%	3.42%

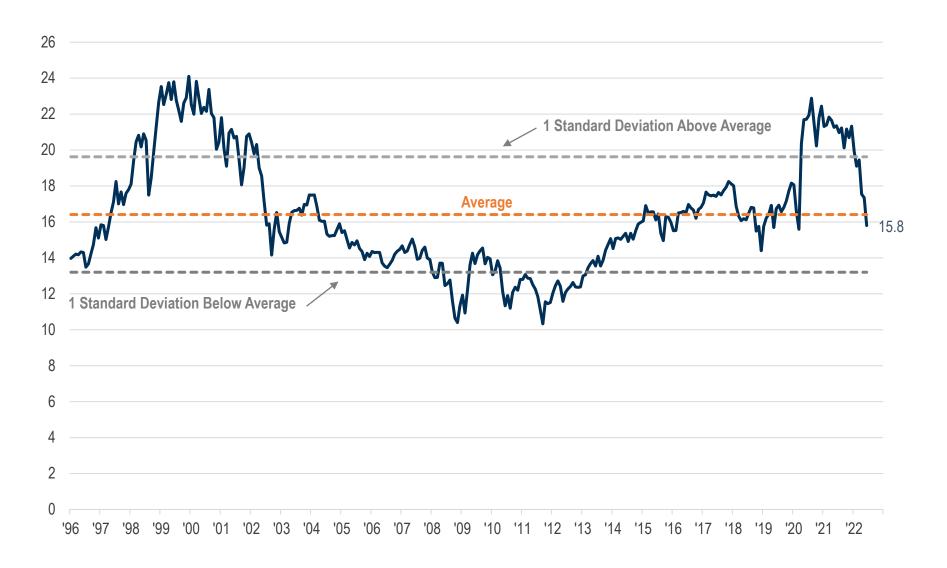
Past performance is no guarantee of future results.

Source: Bloomberg. Total returns as of 6/30/22. ^Annualized returns. Indices do not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Indices are unmanaged and investors cannot invest directly in an index. MSCI All-Country World (ACWI) Ex-USA – Captures large and mid cap representation across 22 of 23 Developed Markets (DM) countries (excluding the US) and 24 Emerging Markets (EM) countries. With 2,307 constituents, the index covers approximately 85% of the global equity opportunity set outside the US. MSCI World Ex-USA - Captures large and mid cap representation across 22 of 23 Developed Markets (DM) countries— excluding the United States. With 887 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country. MSCI Europe - A free-float weighted index designed to measure the equity market performance of the developed market countries in Europe, Australasia, Israel and the Far East. MSCI Emerging Markets - A free float-adjusted market capitalization index that is designed to measure equity market performance of emerging markets.

S&P 500 INDEX: PRICE-TO-NEXT TWELVE MONTHS EST. EPS



MARKETS



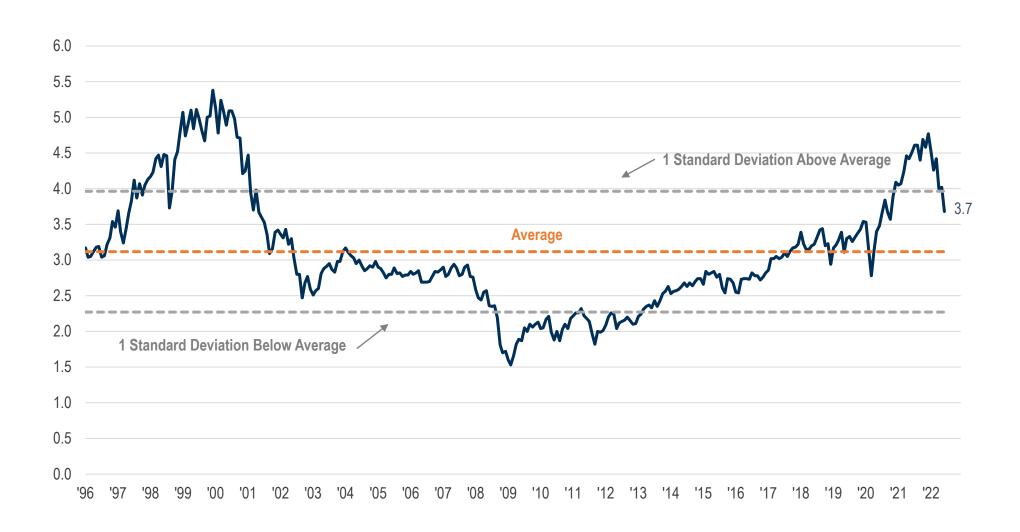
Past performance is no guarantee of future results.

Source: FactSet. Data from 1/31/96 to 6/30/22. Standard Deviation is a measure of price variability (risk). There can be no assurance that any of the projections cited will occur. This chart is for illustrative purposes only and not indicative of any actual investment. Price-to-Next Twelve Months earnings is price divided by FactSet consensus forecasted earnings per share over the next twelve months. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Investors cannot invest directly in an index.

S&P 500 INDEX: PRICE-TO-BOOK VALUE



MARKETS



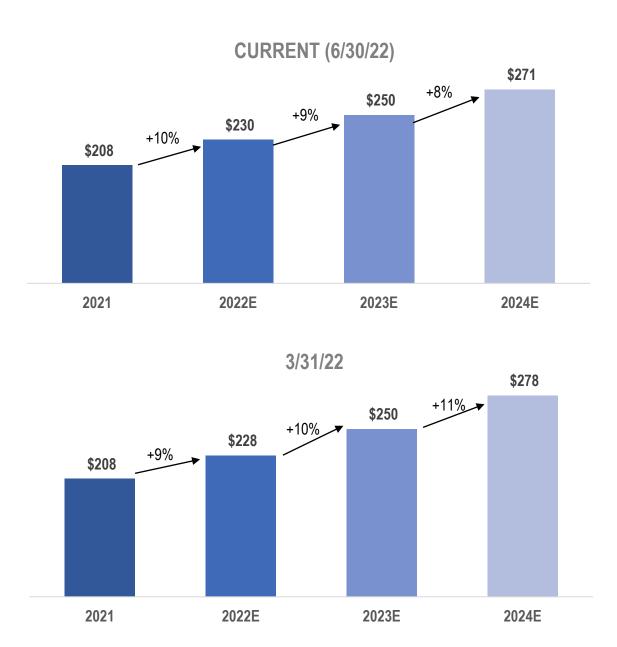
Past performance is no guarantee of future results.

Source: FactSet. Data from 1/31/96 to 6/30/22. Price-to-book ratio is the share price divided by book value of equity per share. Standard Deviation is a measure of price variability (risk).

This chart is for illustrative purposes only and not indicative of any actual investment. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Investors cannot invest directly in an index.



MARKETS



Source: FactSet. 2022-2024 numbers are consensus estimates. For illustrative purposes only. There can be no assurance that any of the projections cited will occur. Earnings per share (EPS) is a company's net profit divided by the number of common shares it has outstanding. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Investors cannot invest directly in an index.



MARKETS





TOP 5 MEMBER FIRMS BY WEIGHT IN THE INDEX

Ticker	Company Name	Weight in S&P 500 Index (6/30/22)
AAPL	Apple Inc.	6.6%
MSFT	Microsoft Corp.	6.0%
GOOG/GOOGL	Alphabet, Inc.	3.9%
AMZN	Amazon.com, Inc.	2.9%
TSLA	Tesla Inc.	1.8%

Source: Bloomberg, FactSet. Data from 1/31/1985 to 6/30/22. References to specific companies or securities should not be construed as a recommendation to buy or sell any such security, nor should they be assumed profitable. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Investors cannot invest directly in an index.

S&P 500 SECTOR INDEX VALUATION AND EST. EPS GROWTH



MARKETS

	PRIC	E TO NTM	EPS	EST.	EPS GRO	WTH	PR	ICE-TO-BO	OK	EST. RETURN ON EQUITY			
S&P 500 Sector Index	6/30/22	10-Yr. Median	Ratio to Median	2022	2023	2024	6/30/22	10-Yr. Median	Ratio to Median	2022	2023	2024	
Communication Services	14.5	14.7	98%	-3%	15%	14%	3.0	3.1	98%	17.8%	18.4%	19.5%	
Consumer Discretionary	21.9	19.3	113%	1%	33%	15%	8.1	5.1	159%	28.3%	31.5%	30.7%	
Consumer Staples	20.1	19.3	104%	4%	7%	8%	6.3	5.3	118%	28.7%	29.3%	28.9%	
Energy	8.5	16.7	51%	121%	-14%	-10%	2.2	1.8	121%	25.9%	20.3%	16.9%	
Financials	11.3	12.8	88%	-11%	14%	12%	1.3	1.3	101%	11.0%	11.7%	12.0%	
Health Care	15.7	15.8	100%	5%	0%	6%	4.8	4.0	121%	27.4%	24.7%	23.6%	
Industrials	15.9	16.1	99%	37%	19%	12%	4.6	4.3	107%	24.5%	26.0%	25.5%	
Information Technology	19.0	17.1	111%	12%	11%	7%	7.9	5.0	158%	35.9%	34.6%	33.3%	
Materials	12.5	15.8	79%	19%	-6%	-2%	2.7	2.9	91%	20.9%	17.8%	16.6%	
Real Estate	17.9	19.1	94%	12%	6%	6%	3.1	3.4	92%	17.3%	18.5%	21.9%	
Utilities	19.6	17.2	114%	2%	8%	8%	2.2	1.9	118%	10.6%	10.9%	11.3%	

Past performance is no guarantee of future results.

Source: FactSet. As of 6/30/22. This chart is for illustrative purposes only and not indicative of any actual investment. There can be no assurance that any of the projections cited will occur.

The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance, while the 11 major S&P 500 Sector Indices are capitalization-weighted and comprised of S&P 500 constituents representing a specific sector. Investors cannot invest directly in an index. Indices do not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

Price-to-Book ratio - Share price divided by book value of equity per share. Est. Return on Equity (ROE) - Estimated return on common equity utilizing FactSet consensus estimated earnings per share in calendar year divided by equity per share. Est. EPS Growth - Expected year-over-year growth in FactSet consensus forecasted Earnings Per Share. Price to NTM EPS - Price divided by FactSet consensus forecasted earnings per share over the next twelve months.

As of 9/28/18, GICS was reconstituted, and the Telecommunications Services sector was renamed Communication Services. GICS sector information for periods prior to 9/28/18 may not necessarily be comparable to the reconstituted sectors.

THE IMPORTANCE OF SECTOR DIVERSIFICATION



MARKETS

RETURNS OF THE S&P 500 SECTOR INDICES

2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Telecom. Svcs. 36.8%	Energy	Cons. Staples	Info. Tech.	Cons. Disc.	Utilities	Financials	Cons. Disc.	Utilities	Cons. Disc.	Energy	Info. Tech.	Health Care	Info. Tech.	Info. Tech.	Energy
	35.3%	-15.4%	61.7%	27.7%	19.9%	28.7%	43.1%	29.0%	10.1%	27.4%	38.8%	6.5%	50.3%	43.9%	54.4%
Energy	Materials	Health Care	Materials	Industrials	Cons. Staples	Cons. Disc.	Health Care	Health Care	Health Care	Telecom Svcs.	Materials	Utilities	Comm. Svcs.	Cons. Disc.	Real Estate
24.2%	22.4%	-22.8%	48.6%	26.7%	14.0%	23.9%	41.5%	25.3%	6.9%	23.5%	23.8%	4.1%	32.7%	33.3%	46.1%
Utilities	Utilities	Utilities	Cons. Disc.	Materials	Health Care	Telecom. Svcs.	Industrials	Info. Tech.	Cons. Staples	Financials	Cons. Disc.	Cons. Disc.	Financials	Comm. Svcs.	Financials
21.0%	19.4%	-29.0%	41.3%	22.2%	12.7%	18.3%	40.6%	20.1%	6.6%	22.7%	23.0%	0.8%	32.1%	23.6%	34.9%
Financials	Info. Tech.	Telecom. Svcs.	Industrials	Energy	Telecom. Svcs.	Health Care	Financials	Cons. Staples	Info. Tech.	Industrials	Financials	Info. Tech.	Industrials	Materials	Info. Tech.
19.2%	16.3%	-30.5%	20.9%	20.4%	6.3%	17.9%	35.6%	16.0%	5.9%	18.8%	22.1%	-0.3%	29.3%	20.7%	34.5%
Cons. Disc.	Cons. Staples	Cons. Disc.	Health Care	Telecom. Svcs.	Cons. Disc.	Industrials	Info. Tech.	Financials	Telecom. Svcs.	Materials	Health Care	Real Estate	Real Estate	Health Care	Materials
18.6%	14.2%	-33.5%	19.7%	19.0%	6.1%	15.3%	28.4%	15.2%	3.4%	16.7%	22.1%	-2.2%	29.0%	13.4%	27.3%
Materials	Industrials	Energy	Financials	Cons. Staples	Energy	Materials	Cons. Staples	Industrials	Financials	Utilities	Industrials	Cons. Staples	Cons. Disc.	Industrials	Health Care
18.2%	12.0%	-34.9%	17.2%	14.1%	4.7%	15.0%	26.1%	9.8%	-1.6%	16.3%	21.0%	-8.4%	27.9%	11.1%	26.1%
Cons. Staples	Telecom. Svcs.	Industrials	Cons. Staples	Financials	Info. Tech.	Info. Tech.	Materials	Cons. Disc.	Industrials	Info. Tech.	Cons. Staples	Comm. Svcs.	Cons. Staples	Cons. Staples	Cons. Disc.
14.4%	11.9%	-39.9%	14.9%	12.1%	2.4%	14.8%	25.6%	9.7%	-2.6%	13.8%	13.5%	-12.5%	27.6%	10.7%	24.4%
Industrials	Health Care	Info. Tech.	Energy	Info. Tech.	Industrials	Cons. Staples	Energy	Materials	Utilities	Cons. Disc.	Utilities	Financials	Utilities	Utilities	Comm. Svcs.
13.2%	7.1%	-43.1%	13.8%	10.2%	-0.6%	10.8%	25.0%	6.9%	-4.8%	6.0%	12.1%	-13.0%	26.3%	0.5%	21.6%
Info. Tech.	Cons. Disc.	Materials	Utilities	Utilities	Materials	Energy	Utilities	Telecom. Svcs.	Materials	Cons. Staples	Real Estate	Industrials	Materials	Financials	Industrials
8.4%	-13.2%	-45.7%	11.9%	5.5%	-9.8%	4.6%	13.2%	3.0%	-8.4%	5.4%	10.9%	-13.3%	24.6%	-1.8%	21.1%
Health Care	Financials	Financials	Telecom. Svcs.	Health Care	Financials	Utilities	Telecom. Svcs.	Energy	Energy	Health Care	Energy	Materials	Health Care	Real Estate	Cons. Staples
7.5%	-18.6%	-55.3%	8.9%	2.9%	-17.1%	1.3%	11.5%	-7.8%	-21.1%	-2.7%	-1.0%	-14.7%	20.8%	-2.2%	18.6%
											Telecom. Svcs. -1.3%	Energy -18.1%	Energy 11.8%	Energy -33.7%	Utilities 17.7%

Past performance is no guarantee of future results.

Source: Bloomberg. For illustrative purposes only and not indicative of any actual investment. All indices are unmanaged, statistical composites that cannot be purchased directly by investors. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

In addition to the risks of investing in common stocks which includes the possible loss of principal, investing in individual sectors is subject to non-diversification risk, which generally will result in greater price fluctuations than the overall market.

Prior to 2017, real estate was included in the financials sector. As of 9/28/18, the Global Industry Classification Standard (GICS) was reconstituted, and the Telecommunications Services sector was renamed Communication Services. GICS sector information for periods prior to 9/28/18 may not necessarily be comparable to the reconstituted sectors.

THE IMPORTANCE OF STYLE DIVERSIFICATION



MARKETS

ANNUAL RETURNS OF KEY EQUITY ASSET CLASSES

2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Small-Cap Growth 48.54%	REITs 30.41%	Mid-Cap Growth 16.67%	REITs 34.35%	Mid-Cap Growth 11.24%	Small-Cap Value -28.92%	Mid-Cap Growth 55.55%	Small-Cap Growth 29.09%	REITs 7.28%	REITs 20.14%	Small-Cap Growth 43.30%	REITs 27.15%	Large-Cap Growth 5.52%	Small-Cap Value 31.74%	Large-Cap Growth 27.44%	Large-Cap Growth -0.01%	Large-Cap Value 31.93%	Small-Cap Growth 34.63%	REITs 39.88%
Small-Cap Value 46.03%	Small-Cap Value 22.25%	Foreign 13.54%	Foreign 26.34%	Foreign 11.17%	Mid-Cap Value -34.80%	Small-Cap Growth 34.47%	Mid-Cap Growth 28.21%	Large-Cap Growth 4.65%	Mid-Cap Value 18.57%	Mid-Cap Growth 39.63%	Large-Cap Growth 14.89%	REITs 2.29%	Mid-Cap Value 20.27%	Foreign 25.03%	REITs -4.10%	Large-Cap Growth 31.13%	Large-Cap Growth 33.47%	Large-Cap Growth 32.01%
Mid-Cap Growth 43.40%	Foreign 20.25%	REITs 8.29%	Small-Cap Value 23.48%	Large-Cap Growth 9.13%	Large-Cap Growth -34.92%	Mid-Cap Value 32.04%	REITs 27.58%	Large-Cap Value -0.48%	Small-Cap Value 18.05%	Small-Cap Value 34.52%	Mid-Cap Value 13.30%	Mid-Cap Growth 0.38%	Large-Cap Value 17.40%	Mid-Cap Growth 23.75%	Small-Cap Growth -6.45%	Mid-Cap Growth 28.78%	Mid-Cap Growth 31.68%	Small-Cap Value 28.27%
Foreign 38.59%	Mid-Cap Growth 18.94%	Large-Cap Value 5.82%	Large-Cap Value 20.80%	Small-Cap Growth 7.05%	REITs -37.34%	Foreign 31.78%	Small-Cap Value 24.50%	Mid-Cap Growth -0.55%	Large-Cap Value 17.68%	Mid-Cap Value 33.32%	Large-Cap Value 12.36%	Mid-Cap Value -0.71%	Small-Cap Growth 11.32%	Small-Cap Growth 18.49%	Mid-Cap Growth -7.98%	Small-Cap Growth 28.42%	Foreign 7.82%	Large-Cap Value 24.90%
REITs 38.47%	Mid-Cap Value 17.88%	Mid-Cap Value 5.46%	Mid-Cap Value 15.71%	Large-Cap Value 1.99%	Small-Cap Growth -38.54%	Large-Cap Growth 31.57%	Mid-Cap Value 21.88%	Mid-Cap Value -0.98%	Foreign 17.32%	Large-Cap Growth 32.75%	Mid-Cap Growth 7.72%	Foreign -0.81%	Mid-Cap Growth 10.06%	Large-Cap Value 15.36%	Large-Cap Value -8.95%	REITs 28.07%	Small-Cap Value 4.63%	Mid-Cap Value 24.73%
Mid-Cap Value 34.93%	Large-Cap Value 15.71%	Small-Cap Value 4.71%	Small-Cap Growth 13.35%	Mid-Cap Value -1.29%	Large-Cap Value -39.22%	REITs 27.45%	Large-Cap Value 15.10%	Small-Cap Growth -2.91%	Mid-Cap Growth 16.68%	Large-Cap Value 31.99%	Small-Cap Growth 5.60%	Small-Cap Growth -1.38%	REITs 9.28%	Mid-Cap Value 14.10%	Mid-Cap Value -9.61%	Mid-Cap Value 27.53%	Large-Cap Value 1.36%	Foreign 11.26%
Large-Cap Value 31.79%	Small-Cap Growth 14.31%	Small-Cap Growth 4.15%	Mid-Cap Growth 11.57%	Small-Cap Value -9.78%	Mid-Cap Growth -41.64%	Large-Cap Value 21.18%	Large-Cap Growth 15.05%	Small-Cap Value -5.50%	Large-Cap Growth 14.61%	Foreign 22.78%	Small-Cap Value 4.22%	Large-Cap Value -3.13%	Large-Cap Growth 6.89%	REITs 9.27%	Small-Cap Value -12.86%	Small-Cap Value 22.39%	Mid-Cap Value -3.07%	Mid-Cap Growth 10.43%
Large-Cap Growth 25.66%	Large-Cap Growth 6.13%	Large-Cap Growth 4.00%	Large-Cap Growth 11.01%	REITs -17.83%	Foreign -43.38%	Small-Cap Value 20.58%	Foreign 7.75%	Foreign -12.14%	Small-Cap Growth 14.59%	REITs 3.21%	Foreign -4.90%	Small-Cap Value -7.47%	Foreign 1.00%	Small-Cap Value 7.84%	Foreign -13.79%	Foreign 22.01%	REITs -5.86%	Small-Cap Growth 2.83%

Past performance is no quarantee of future results.

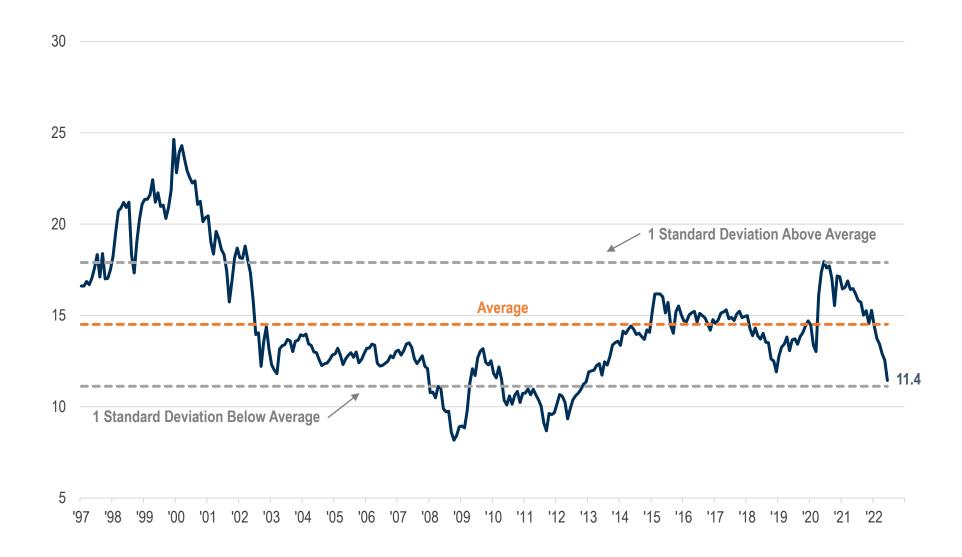
Source: Bloomberg, NAREIT. For illustrative purposes only and not indicative of any actual investment. All indices are unmanaged, statistical composites that cannot be purchased directly by investors. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

The S&P 500 Growth and S&P 500 Value Indices were used to measure the performance of large-capitalization companies. The Dow Jones U.S. Mid-Cap Growth Total Stock Market Index and Dow Jones U.S. Mid-Cap Value Total Stock Market Index were used to measure the performance of mid-capitalization companies. The Russell 2000 Growth and Russell 2000 Value Indices were used to measure the performance of small-capitalization companies. The MSCI EAFE Index was used to measure the performance of foreign stocks. The NAREIT Composite index was used to measure the performance of REITs. Small company stocks are more volatile than large company stocks and can be subject to significant price fluctuations. Foreign stocks are subject to additional risks including currency fluctuations, political risks, withholding, the lack of adequate financial information, and exchange control restrictions impacting foreign issuers.

MSCI EUROPE INDEX: PRICE-TO-NEXT TWELVE MONTHS EST. EPS



MARKETS

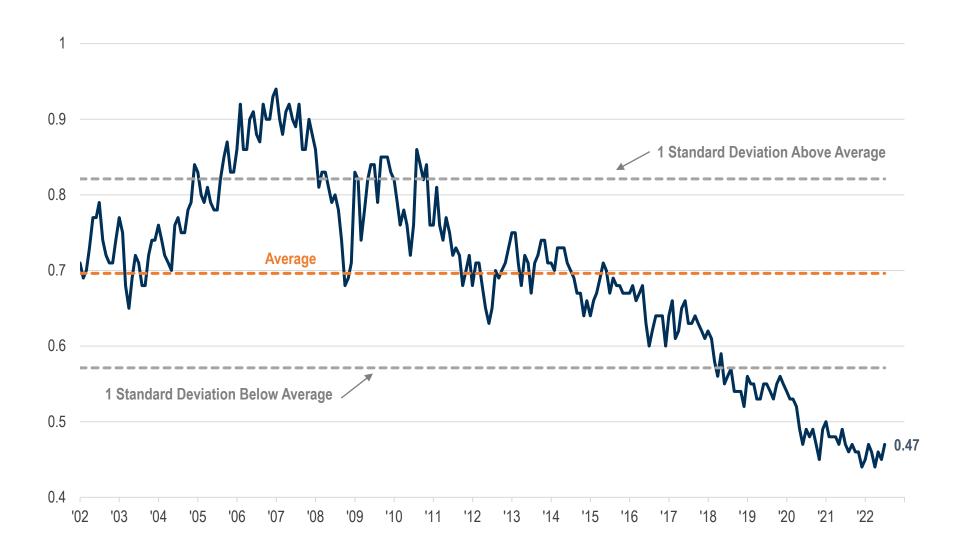


Source: FactSet. Data from 1/31/97 to 6/30/22. Price-to-Next Twelve Months earnings is price divided by FactSet consensus forecasted earnings per share (EPS) over the next twelve months. Standard Deviation is a measure of price variability (risk). There can be no assurance that any of the projections cited will occur. The MSCI Europe Index captures large and mid cap representation across 15 Developed Markets countries in Europe. Indices are unmanaged and investors cannot invest directly in an index.

MSCI EUROPE INDEX: PRICE-TO-BOOK RELATIVE TO THE S&P 500 INDEX



MARKETS



Past performance is no guarantee of future results.

Source: FactSet. Data from 12/31/01 to 6/30/22. Price-to-book (P/B) ratio is the share price divided by book value of equity per share. Standard Deviation is a measure of price variability (risk). This chart is for illustrative purposes only and not indicative of any actual investment. The MSCI Europe Index captures large and mid cap representation across 15 Developed Markets countries in Europe. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Indices are unmanaged and investors cannot invest directly in an index.

INTERNATIONAL VALUATION AND EST. EPS GROWTH



MARKETS

	PRI	CE TO NTM	EPS		EPS WTH	Pi	RICE TO BO	EST. RETURN ON EQUITY		
Index	6/30/22	10-Yr. Median	Ratio to Median	2022	2023	6/30/22	10-Yr. Median	Ratio to Median	2022	2023
MSCI Europe	11.4	14.3	80%	3%	5%	1.7	1.8	97%	14.0%	13.8%
MSCI Germany	9.7	12.9	75%	-3%	9%	1.3	1.7	74%	11.8%	12.0%
MSCI Switzerland	15.7	16.7	94%	-5%	11%	3.0	2.7	111%	17.0%	17.7%
MSCI United Kingdom	9.7	13.3	73%	15%	0%	1.7	1.8	96%	16.2%	15.1%
MSCI Japan	12.3	14.0	88%	0%	6%	1.3	1.4	96%	9.6%	9.5%
MSCI Pacific ex Japan	13.5	15.2	89%	9%	3%	1.6	1.6	100%	11.2%	11.1%
MSCI Canada	11.2	14.6	77%	20%	3%	1.8	1.8	100%	15.4%	14.4%
MSCI Emerging Markets (EM)	11.1	11.9	93%	-5%	8%	1.7	1.7	100%	13.5%	13.3%
MSCI China	12.0	11.3	107%	-3%	16%	1.6	1.7	94%	11.2%	11.8%
MSCI EM Latin America	6.8	12.8	54%	11%	-8%	1.4	1.7	84%	22.2%	19.2%
MSCI Brazil	5.8	11.3	51%	4%	-11%	1.5	1.6	91%	25.8%	21.2%
MSCI India	19.8	18.0	110%	15%	15%	3.3	3.1	104%	14.9%	15.3%

Past performance is no guarantee of future results.

Source: FactSet. As of 6/30/22. This chart is for illustrative purposes only and not indicative of any actual investment. There can be no assurance that any of the projections cited will occur. Investors cannot invest directly in an index. Indices do not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

The above International MSCI Indices are designed to measure the performance of the large- and mid-cap segments of each region/country. **Price-to-Book ratio** - Share price divided by book value of equity per share. **Est. Return on Equity (ROE)** - Estimated return on common equity utilizing FactSet consensus estimated earnings per share in calendar year divided by equity per share. **Est. EPS Growth** - Expected year-over-year growth in FactSet consensus forecasted Earnings Per Share. **Price to NTM EPS** - Price divided by FactSet consensus forecasted earnings per share over the next twelve months.

FACTOR RETURNS VS. S&P 500 EQUAL WEIGHT INDEX



FACTORS

Value: Lowest price-to-book

Momentum: Highest 12-month price change

Quality: Highest return-on-equity

Size: Lowest market capitalization

Low Volatility: Lowest 1-year price variability

Dividend Yield: Highest dividend yield

	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	12 Month
Тор	Low Volatility 3.32%	Momentum 3.65%	Value -2.24%	Momentum 7.32%	Low Volatility -1.62%	Low Volatility 7.91%	Dividend Yield -0.22%	Value 1.09%	Low Volatility 4.20%	Low Volatility -3.97%	Value 3.89%	Low Volatility -5.31%	Dividend Yield 0.12%
2	Quality 2.42%	Dividend Yield 2.43%	Size -2.58%	Quality 6.23%	Quality -1.74%	Dividend Yield 6.86%	Value -0.37%	Momentum 0.97%	Momentum 3.74%	Dividend Yield -4.73%	Dividend Yield 3.06%	Dividend Yield -8.85%	Low Volatility -0.82%
3	S&P 500 Equal Wgt 1.29%	Value 2.39%	Dividend Yield -2.96%	Low Volatility 5.86%	Dividend Yield -2.44%	Value 6.28%	S&P 500 Equal Wgt -4.35%	Size 0.87%	Dividend Yield 2.95%	Value -6.11%	Quality 1.23%	Quality -9.38%	Value -4.01%
4	Dividend Yield 0.67%	S&P 500 Equal Wgt 2.38%	Momentum -3.04%	S&P 500 Equal Wgt 5.32%	S&P 500 Equal Wgt -2.54%	S&P 500 Equal Wgt 6.20%	Low Volatility -4.95%	Dividend Yield -0.68%	S&P 500 Equal Wgt 2.58%	Quality -6.29%	S&P 500 Equal Wgt 1.00%	S&P 500 Equal Wgt -9.40%	S&P 500 Equal Wgt -9.38%
5	Value -0.48%	Quality 2.21%	S&P 500 Equal Wgt -3.79%	Dividend Yield 5.11%	Momentum -2.55%	Quality 4.89%	Size -7.58%	Quality -0.79%	Value 2.15%	S&P 500 Equal Wgt -6.41%	Momentum 0.86%	Momentum -9.40%	Quality -13.58%
6	Size -1.70%	Low Volatility 1.79%	Quality -4.99%	Size 4.50%	Value -3.29%	Size 2.90%	Quality -8.24%	S&P 500 Equal Wgt -0.85%	Size 1.97%	Momentum -7.74%	Low Volatility 0.41%	Size -9.75%	Momentum -16.19%
Bottom	Momentum -2.30%	Size 1.71%	Low Volatility -5.30%	Value 4.43%	Size -4.20%	Momentum 1.47%	Momentum -8.91%	Low Volatility -2.01%	Quality 1.42%	Size -8.20%	Size -0.36%	Value -10.55%	Size -21.25%

Past performance is no guarantee of future results.

Source: Capital IQ. As of 6/30/22. Returns are total returns. Universe: largest 1,000 U.S. firms with \$1 million in average daily volume over the last 3 months and 12 months of trading history. Top 30% of stocks by factor are selected. Stocks are then equally weighted. These examples are for illustrative purposes and do not represent any actual investment.

The S&P 500 Index is an index of 500 companies used to measure large-cap U.S. stock market performance. S&P 500 Equal Weight Index (EWI) - The equal-weight version of the S&P 500 Index. The index includes the same constituents as the capitalization-weighted S&P 500, but each company in the S&P 500 EWI is allocated a fixed weight - or 0.2% of the index total at each quarterly rebalance. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Indices are unmanaged and investors cannot invest directly in an index.

FACTOR RETURNS VS. S&P 500 EQUAL WEIGHT INDEX



FACTORS

Value: Lowest price-to-book

Momentum: Highest 12-month price change

Quality: Highest return-on-equity

Size: Lowest market capitalization

Low Volatility: Lowest 1-year price variability

Dividend Yield: Highest dividend yield

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Тор	Low Vol 34.6%	Mom 15.2%	Mom 67.4%	Low Vol 28.3%	Value 12.1%	Low Vol -2.0%		Value 21.6%	Mom 16.0%	Yield 21.4%	Mom 18.4%	Low Vol -26.2%	Value 48.2%	Size 26.7%	Low Vol 10.1%	S&P 500 EW 17.7%	Mom 45.1%	Low Vol 18.2%	Low Vol 5.1%	Value 25.8%	Quality 22.1%	Low Vol -3.1%	Quality 32.4%	Mom 34.5%	Yield 33.9%	Yield -8.7%
2		Quality 12.2%		Yield 24.7%	Yield 10.9%	Yield -2.5%		Yield 20.8%	Value 10.2%	Low Vol 19.3%	Quality 11.5%	Yield -34.2%	S&P 500 EW 46.3%	Mom 26.1%		Value 17.6%		Yield 17.1%	Mom 3.0%	Yield 23.1%		Mom -5.6%	S&P 500 EW 29.2%	Quality 19.6%	Value 33.4%	Value -10.2%
3	Yield 33.5%	S&P 500 EW 12.2%		Value 23.4%	Low Vol 5.4%	Quality -8.1%	S&P 500 EW 41.0%	Low Vol 20.0%	Quality 9.4%			Size -35.3%	Quality 41.3%	Value 24.1%	Quality 1.5%	Quality 17.3%	Quality 39.0%	S&P 500 EW 14.5%	S&P 500 EW -2.2%	Size 16.8%	S&P 500 EW 18.9%	Yield -7.1%	Size 27.7%	Size 18.0%	S&P 500 EW 29.6%	
4	Quality 29.3%	Low Vol 5.4%	S&P 500 EW 12.0%		Quality 3.4%		Mom 35.1%	Quality 19.5%	S&P 500 EW 8.1%	S&P 500 EW 15.8%	S&P 500 EW 1.5%	Quality -37.0%	Size 37.5%	Quality 22.8%	S&P 500 EW -0.1%	Size 17.3%	Value 36.5%	Quality 13.0%	Yield -3.2%	Low Vol 14.9%	Low Vol 18.6%	S&P 500 EW -7.6%	Value 27.7%	S&P 500 EW 12.8%	Quality 25.6%	S&P 500 EW -16.7%
5	S&P 500 EW 29.0%	Yield 4.3%		S&P 500 EW 9.6%	S&P 500 EW -0.4%		Quality 34.2%		Size 6.3%	Quality 15.2%	Low Vol 0.8%	Mom -37.3%	Yield 31.9%	Yield 22.0%		Mom 17.3%	S&P 500 EW 36.2%	Value 9.4%	Quality -3.3%	S&P 500 EW 14.8%	Size 15.0%	Quality -8.8%		Low Vol 4.2%	Low Vol 23.7%	Mom -19.6%
6	Mom 26.9%	Value 2.1%		Quality 9.3%		Value -17.5%		S&P 500 EW 17.0%	Low Vol 6.0%		Yield -7.2%	S&P 500 EW -39.7%		S&P 500 EW 21.9%	Value -3.3%		Yield 28.3%	Size 9.2%		Quality 12.5%		Size -10.7%	Low Vol 27.5%	Yield -2.3%		Quality -20.6%
Bottom	Size 19.7%	Size 0.7%	Low Vol -5.3%	Mom -10.4%		S&P 500 EW -18.2%		Mom 16.9%	Yield 5.4%		Value -8.2%			Low Vol 17.7%	Mom -3.8%	Low Vol 13.1%	Low Vol 26.3%		Value -6.7%		Value 12.7%			Value -3.0%		

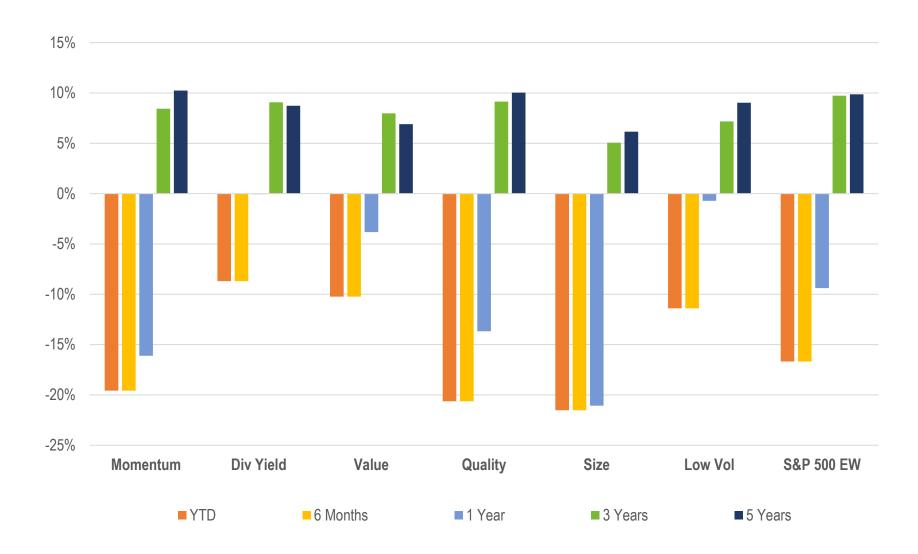
Past performance is no guarantee of future results.

Source: Capital IQ. As of 6/30/22. Returns are total returns. Universe: largest 1,000 U.S. firms with \$1 million in average daily volume over the last 3 months and 12 months of trading history. Top 30% of stocks by factor are selected. Stocks are then equally weighted. These examples are for illustrative purposes and do not represent any actual investment.

The S&P 500 Index is an index of 500 companies used to measure large-cap U.S. stock market performance. S&P 500 Equal Weight Index (EWI) - The equal-weight version of the S&P 500 Index. The index includes the same constituents as the capitalization-weighted S&P 500, but each company in the S&P 500 EWI is allocated a fixed weight - or 0.2% of the index total at each quarterly rebalance. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Indices are unmanaged and investors cannot invest directly in an index.



FACTORS



Past performance is no guarantee of future results.

Source: Capital IQ. As of 6/30/22. Universe: largest 1,000 U.S. firms with \$1 million in average daily volume over the last 3 months and 12 months of trading history. 3 Year and 5 Year returns are annualized.

Value: Lowest price-to-book. Momentum: Highest 12-month price change. Quality: Highest return-on-equity. Size: Lowest market capitalization. Low Volatility: Lowest 1-year price variability. Dividend Yield: Highest dividend yield. The S&P 500 Index is an index of 500 companies used to measure large-cap U.S. stock market performance. The S&P 500 Equal Weight Index (EWI) is the equal-weight version of the S&P 500 Index. The index includes the same constituents as the capitalization-weighted S&P 500, but each company in the S&P 500 EWI is allocated a fixed weight - or 0.2% of the index total at each quarterly rebalance. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Indices are unmanaged and investors cannot invest directly in an index.

FACTORS AND ECONOMIC CYCLES



FACTORS



Past performance is no guarantee of future results.

As of 6/30/22. This example is for illustrative purposes and does not represent any actual investment. We define economic cycles as follows: Recovery – 18 months following the end of a recession. Expansion – time between recovery and late-expansion. Late expansion – last 18 months before peak economic growth. Early recession – start of a recessionary period until 3 months before it ends. Late recession – last 3 months before the economy bottoms. Business cycle dates were sourced from the National Bureau of Economic Research. Data source for performance: Kenneth R. French data library using the CRSP database, July 1963 through May 2022 (for the purposes of this analysis we ended expansion 18 months from the end of late recession). Universe includes all NYSE, AMEX & NASDAQ stocks. Top 30% of stocks by factor are selected. Stocks are then market cap weighted.

FACTOR CORRELATION MATRIX



FACTORS

	Momentum	Quality	Low Vol	Div Yield	Size	Value	S&P 500
Momentum	1						
Quality	0.20	1					
Low Vol	0.35	0.79	1				
Div Yield	-0.36	0.18	0.32	1			
Size	-0.49	-0.71	-0.74	-0.04	1		
Value	-0.65	0.09	0.06	0.64	0.33	1	
S&P 500	-0.51	-0.31	-0.49	0.09	0.39	0.13	1

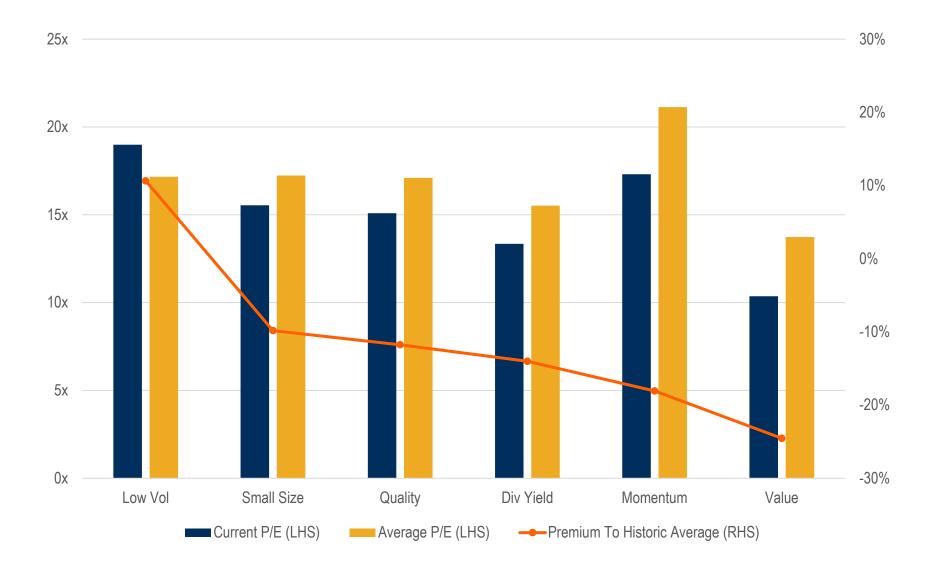
Source: Capital IQ. Data from 7/31/19 – 6/30/22. The S&P 500 Index is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. Investors cannot invest directly in an index.

Value: Lowest price-to-book. Momentum: Highest 12-month price change. Quality: Highest return-on-equity. Size: Lowest market capitalization. Low Volatility: Lowest 1-year price variability. Dividend Yield: Highest dividend yield.

FACTOR VALUATIONS: FORWARD PRICE-TO-EARNINGS RATIO



FACTORS

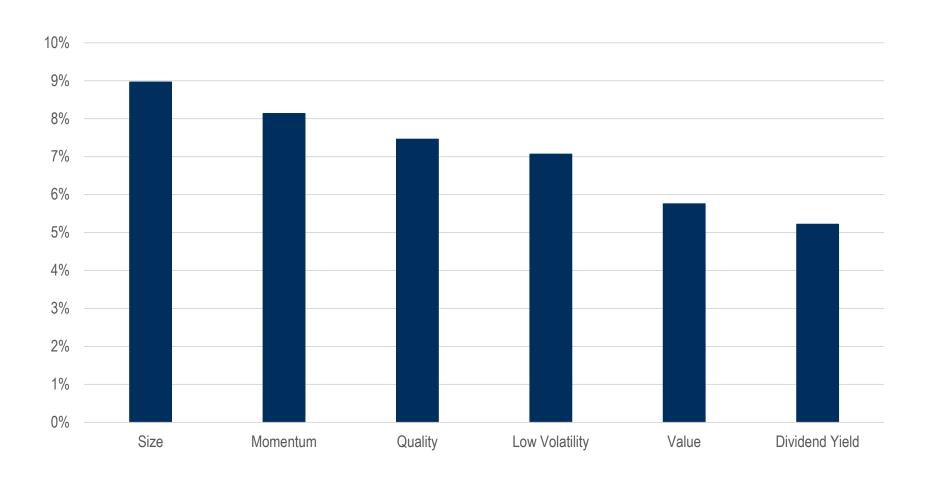


Source: Bloomberg & Capital IQ. Monthly data is calculated from 12/31/99 to 6/30/22. For illustrative purposes and does not represent any actual investment. The median monthly forward price-to-earnings (P/E) ratio is used for each factor. Each factor is comprised of the top 30% of stocks from a universe of the largest 1,000 U.S. stocks with at least \$1 million dollars in average daily volume over the last 3 months and 12 months of trading history. Value: Lowest price-to-book. Momentum: Highest 12-month price change. Quality: Highest return-on-equity. Size: Lowest market capitalization. Low Volatility: Lowest 1-year price variability. Dividend Yield: Highest dividend yield.

FACTOR EPS GROWTH RATES



FACTORS



Source: Bloomberg & Capital IQ. As of 6/30/22. Chart shows median next twelve-month EPS growth for each factor group. This chart is for illustrative purposes only and not indicative of any actual investment. Universe: largest 1,000 U.S. firms with \$1 million in average daily volume over the last 3 months and 12 months of trading history. Top 30% of stocks by factor are selected. Stocks are then equally weighted.

Earnings per share (EPS) is a company's net profit divided by the number of common shares it has outstanding. Growth rates are based on the next twelve months earnings estimates compared to the trailing twelve months.

Value: Lowest price-to-book. Momentum: Highest 12-month price change. Quality: Highest return-on-equity. Size: Lowest market capitalization. Low Volatility: Lowest 1-year price variability. Dividend Yield: Highest dividend yield.