

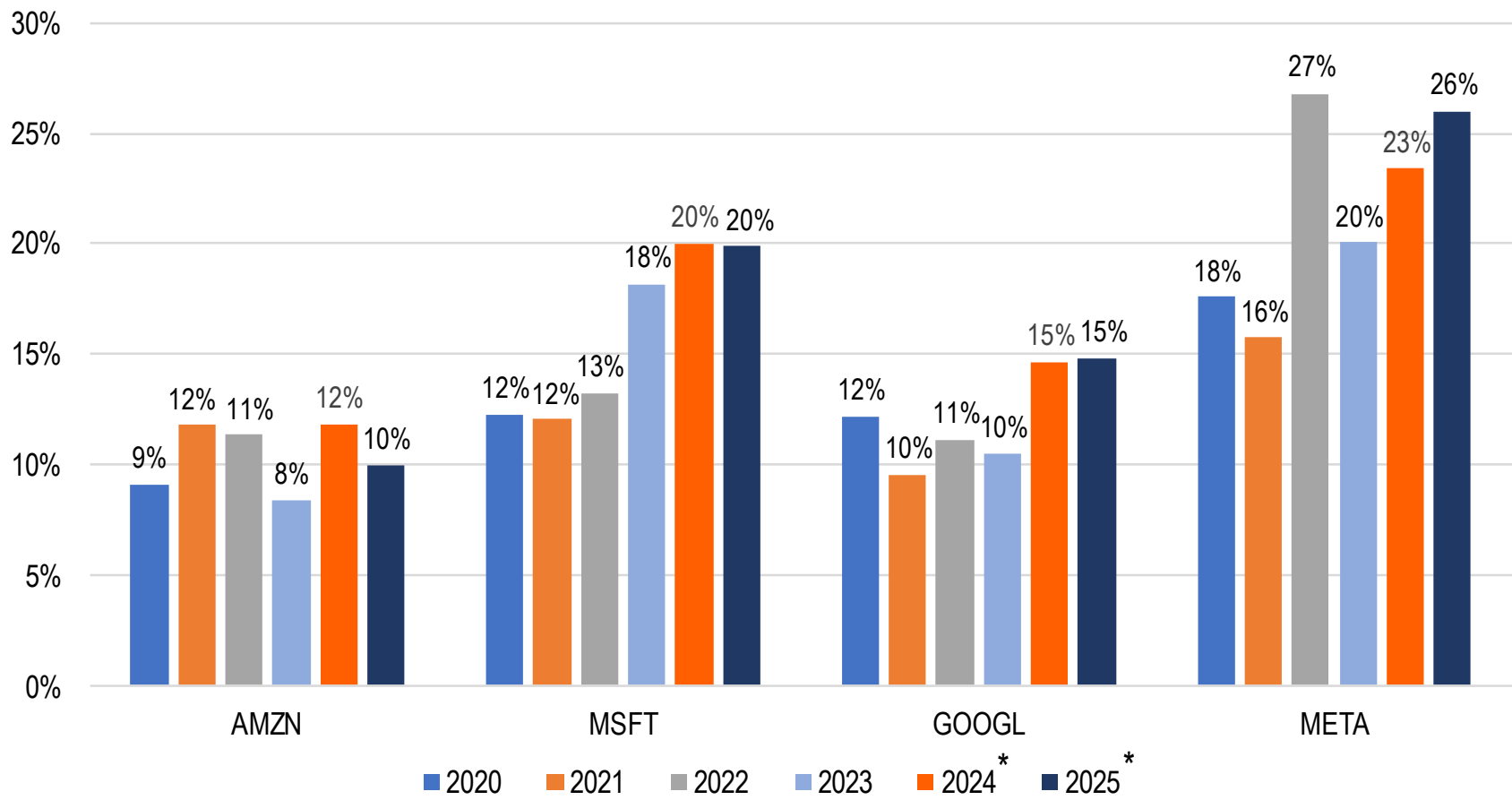
EQUITY MARKET OUTLOOK FOR '25: Implications from AI, Trump Presidency, Sticky Rates, and a Narrow Market.

CHRIS BUSH, CFA
VICE PRESIDENT
RESEARCH

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 First Trust

MEGA TECH CAPITAL EXPENDITURES TO SALES



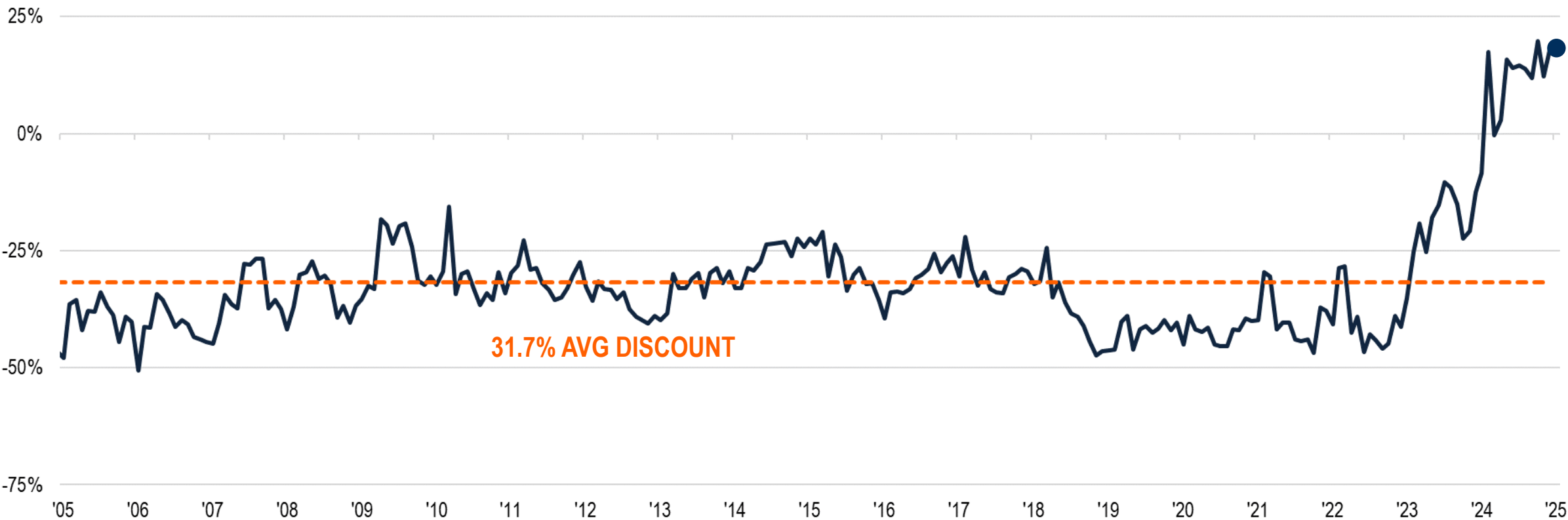
Source: CapitalIQ. Data from 12/31/2020 – 10/31/2024. *Estimates are based on projected capital expenditures to sales for Mega Tech Stocks. **GOOG/GOOGL**: Alphabet Inc. **AMZN**: Amazon.com, Inc. **META**: Meta. **MSFT**: Microsoft Corporation. References to specific companies or securities should not be construed as a recommendation to buy or sell any such security, nor should they be assumed profitable.

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SEMICONDUCTOR STOCKS TRADING AT HISTORIC PREMIUM TO SOFTWARE

FORWARD P/S OF S&P 500 SEMICONDUCTOR INDEX TO S&P 500 SOFTWARE INDEX

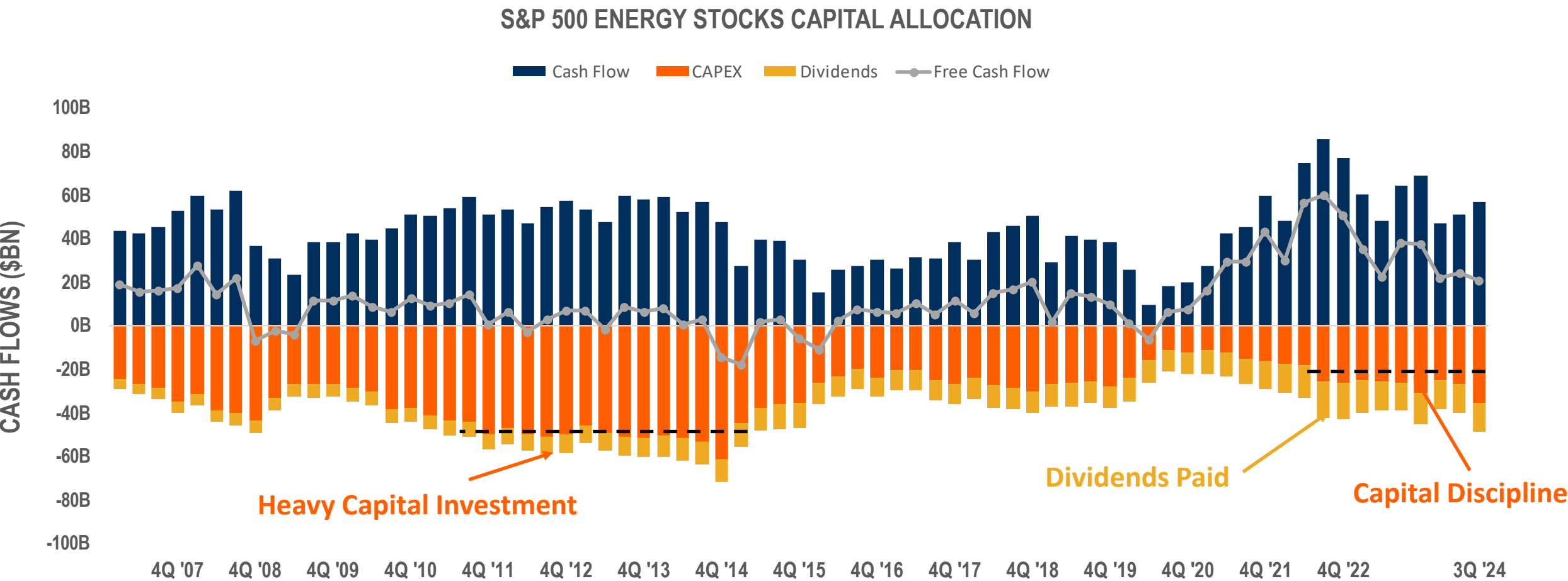
18.5% PREMIUM



Source: Bloomberg. Data 12/31/04 – 12/31/24. **Past performance is no guarantee of future results.** The graph shows the forward price-to-sales ratio of the **S&P 500 Semiconductor Index** divided by the **S&P 500 Software Index**. The **S&P 500 Semiconductor Index** and the **S&P 500 Software Index** contain those securities classified in the Semiconductor and Software industries, respectively, from within the S&P 500 Index which measures large-cap U.S. stock market performance. Classifications are based on the GICS methodology. For illustrative purposes only and not indicative of any investment. Investors cannot invest directly in an index.

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ENERGY STOCKS ARE GENERATING RECORD CASH FLOWS

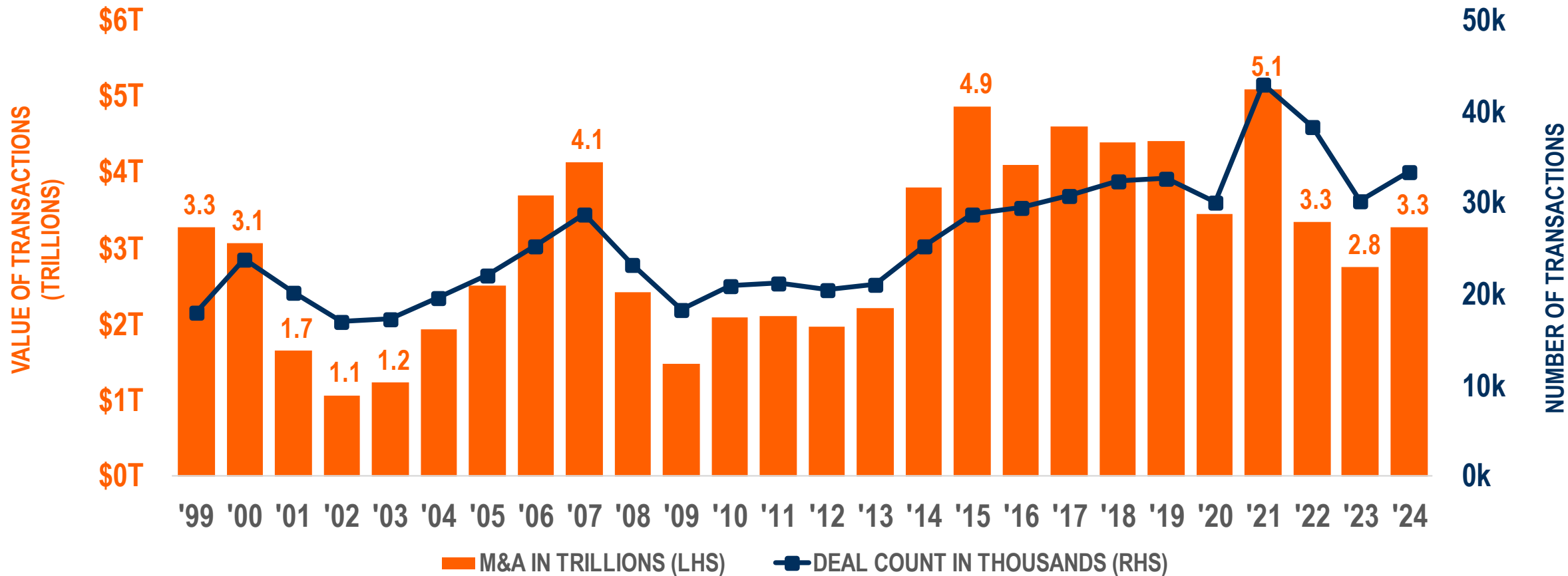


Source: Capital IQ. Data from 1Q '07 – 3Q '24, most recent data available. Universe: Energy Stocks, based on the GICS classification. Data is based on the aggregate sum of cash flow from operations, capital expenditures (CAPEX), dividends paid and free cash flow for the entire universe. Capital expenditures and dividends paid are uses of cash. There is no assurance that past trends will continue. Dividends are never assured and may vary over time.

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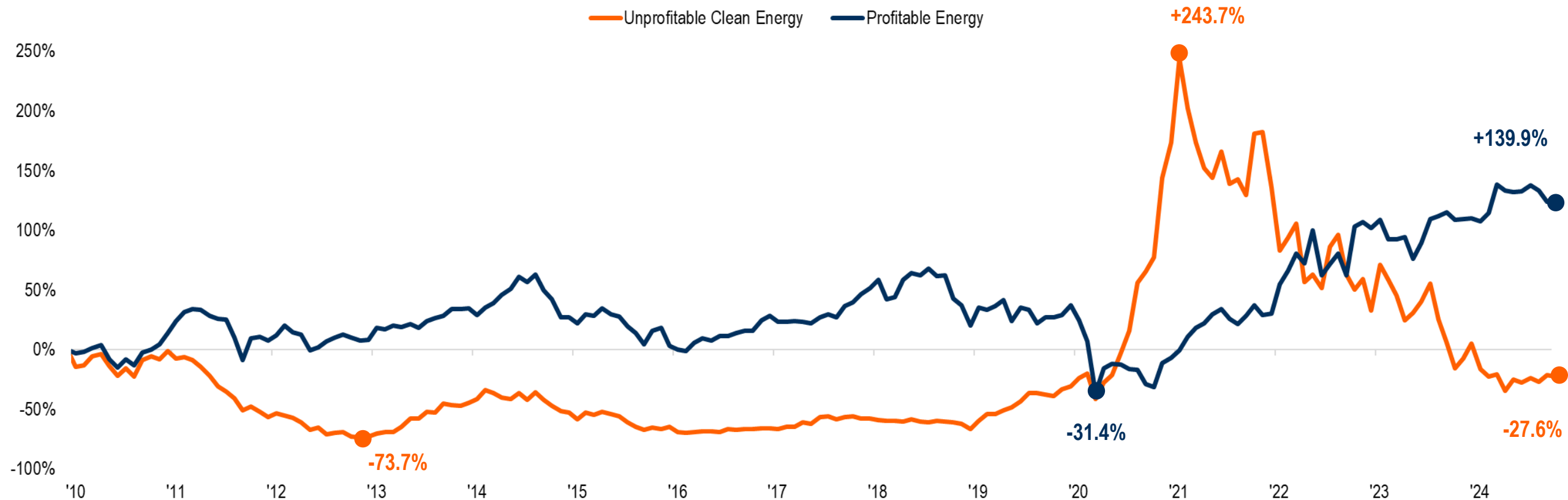
MERGER & ACQUISITION ACTIVITY

GLOBAL MERGERS & ACQUISITIONS DOLLAR AMOUNT & COUNT



Source: Bloomberg. Data from 12/31/99 – 12/31/24.
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UNPROFITABLE CLEAN ENERGY VS PROFITABLE ENERGY TOTAL RETURNS



Source: Capital IQ. Data as of 12/31/09 –12/31/24. **Past performance is no guarantee of future results.** **Unprofitable Clean Energy** is a subset of holdings from the Nasdaq Clean Edge Green Energy Index that are unprofitable over the past 12 months. The **Nasdaq Clean Edge Green Energy Index** is a modified market capitalization-weighted index designed to track the performance of companies that are manufacturers, developers, distributors, and/or installers of clean-energy technologies. **Profitable Energy** is represented by energy stocks defined by GICS that have been profitable over the last 12 months with a market capitalization over \$20 Billion. Within each basket, stocks are equally-weighted and rebalanced annually.

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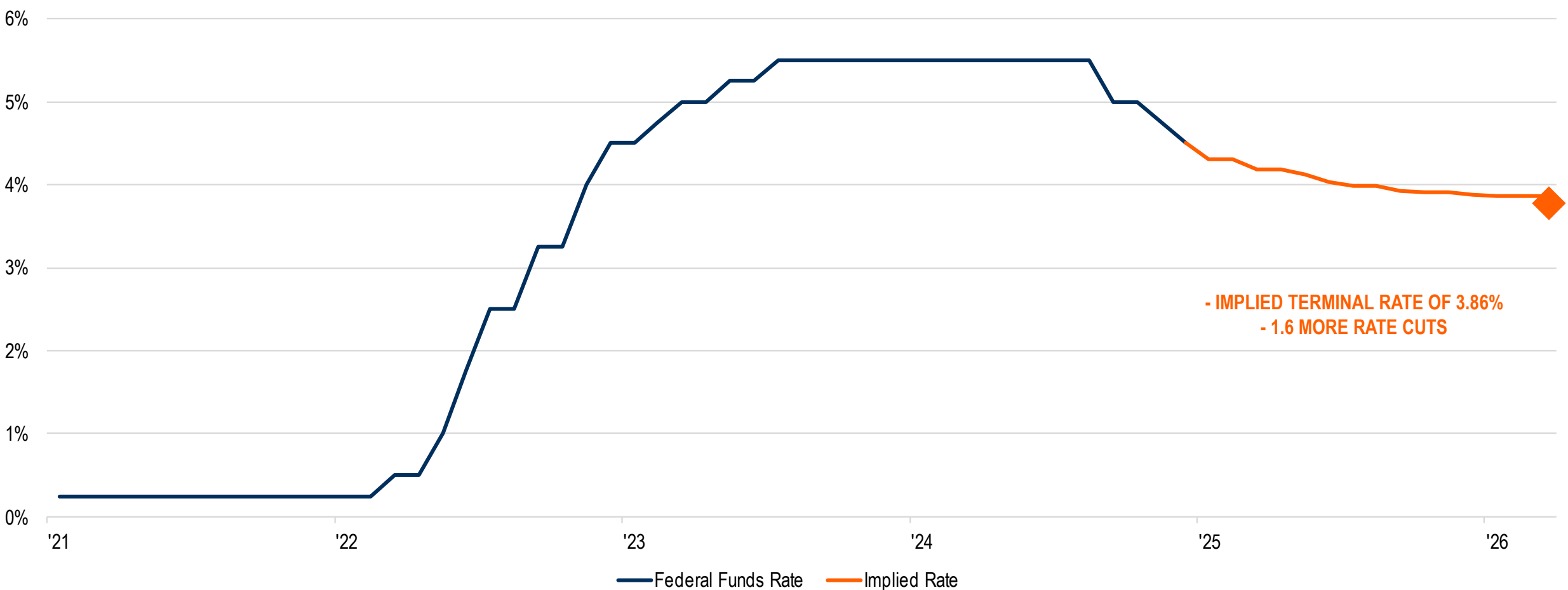
EPS OF S&P 500 INDEX



Source: Capital IQ. Data from 2/28/03 – 12/31/24. *Estimates are based on fiscal year aggregate consensus. **Past performance is no guarantee of future results.** There can be no assurance that any estimates will be achieved. The **S&P 500 Index** is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. This example is for illustrative purposes and does not represent any actual investment. **Earnings per share (EPS)** is calculated as a company's profit divided by the outstanding shares of its common stock. The resulting number serves as an indicator of a company's profitability.

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ACTUAL AND IMPLIED FEDERAL FUNDS RATE

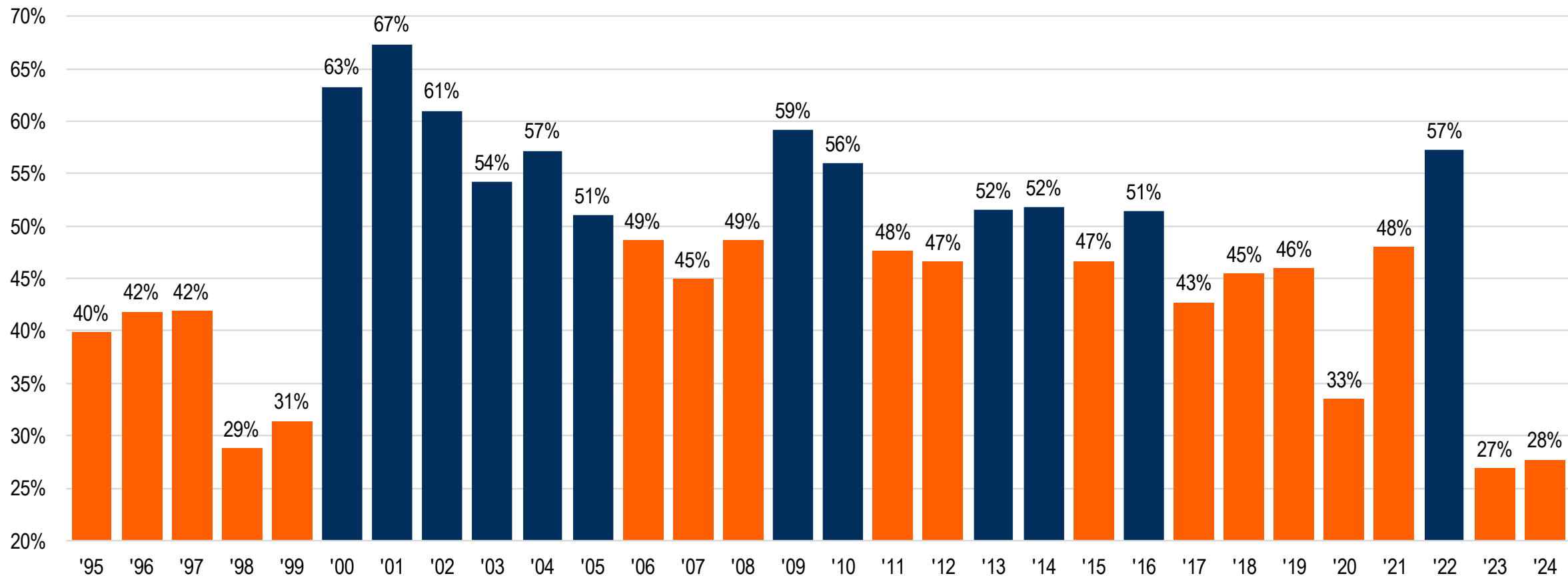


Source: Bloomberg. Data is from 1/29/21 – 12/31/24, Implied Rate is from December 2024 – March 2026 and are estimates. Federal Funds Rate data is the short-term interest rate targeted by the Federal Reserve's Federal Open Market Committee (FOMC) as part of its monetary policy. Federal Fund Futures are a direct reflection of collective marketplace insight regarding the future course of the Federal Reserve's monetary policy.

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S&P 500 MARKET BREADTH

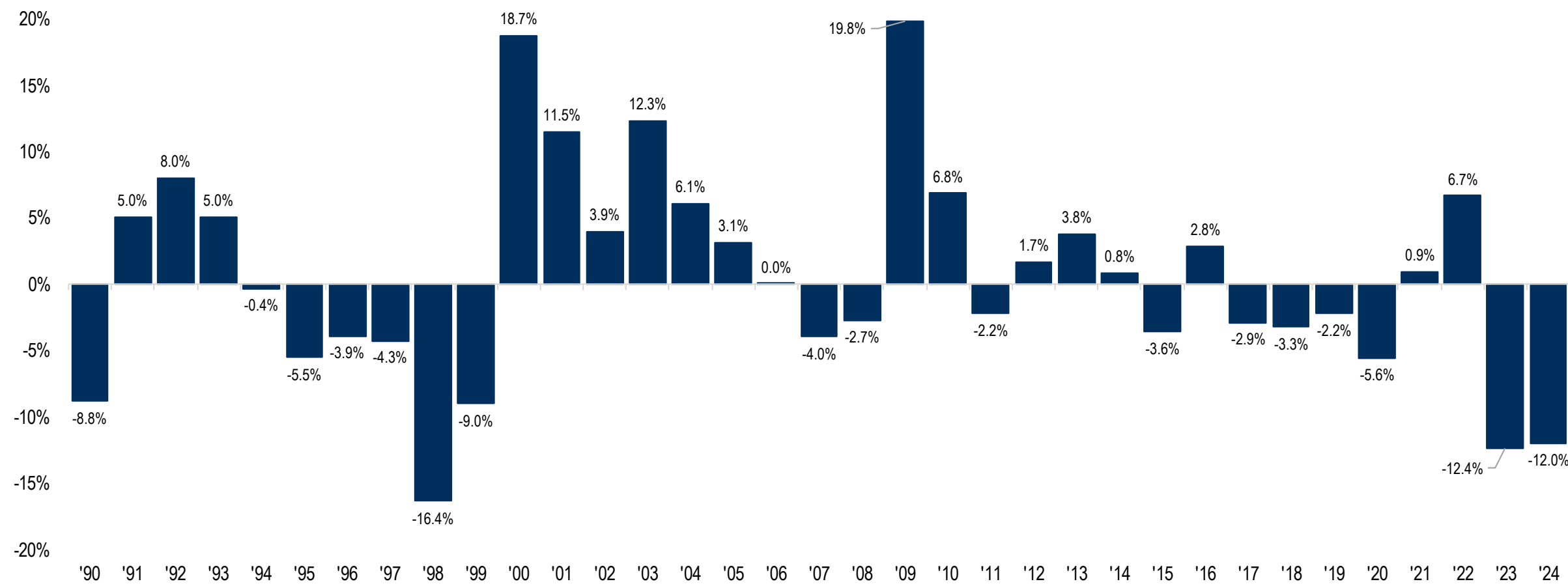
PERCENTAGE OF S&P MEMBERS OUTPERFORMING THE INDEX



Source: Capital IQ. As of 12/31/24. **Past performance is no guarantee of future results.** This example is for illustrative purposes and does not represent 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.

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EXCESS RETURN OF S&P 500 EQUAL WEIGHT INDEX VS S&P 500 INDEX

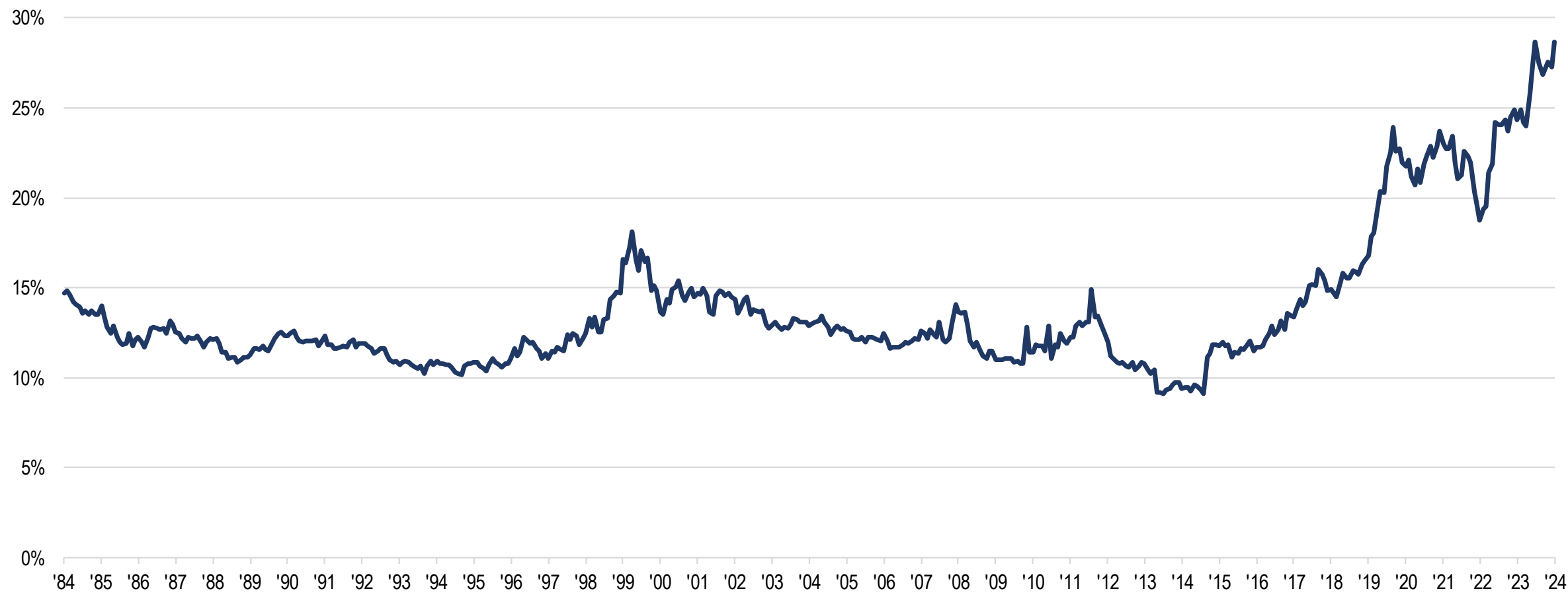


Source: Bloomberg. Data from 12/31/90 – 12/31/24. The **S&P 500 Index** is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. **S&P 500 Equal Weight Index (EWI)** is the equal-weight version of the S&P 500 Index. The index includes the same constituents as the 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. Excess return is calculated as the **S&P 500 Equal Weight Index (EWI)** rolling 12-month return minus the **S&P 500 Index** rolling 12-month return. **Past performance is no guarantee of future results.**

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S&P 500 INDEX WEIGHT OF THE LARGEST 5 NAMES

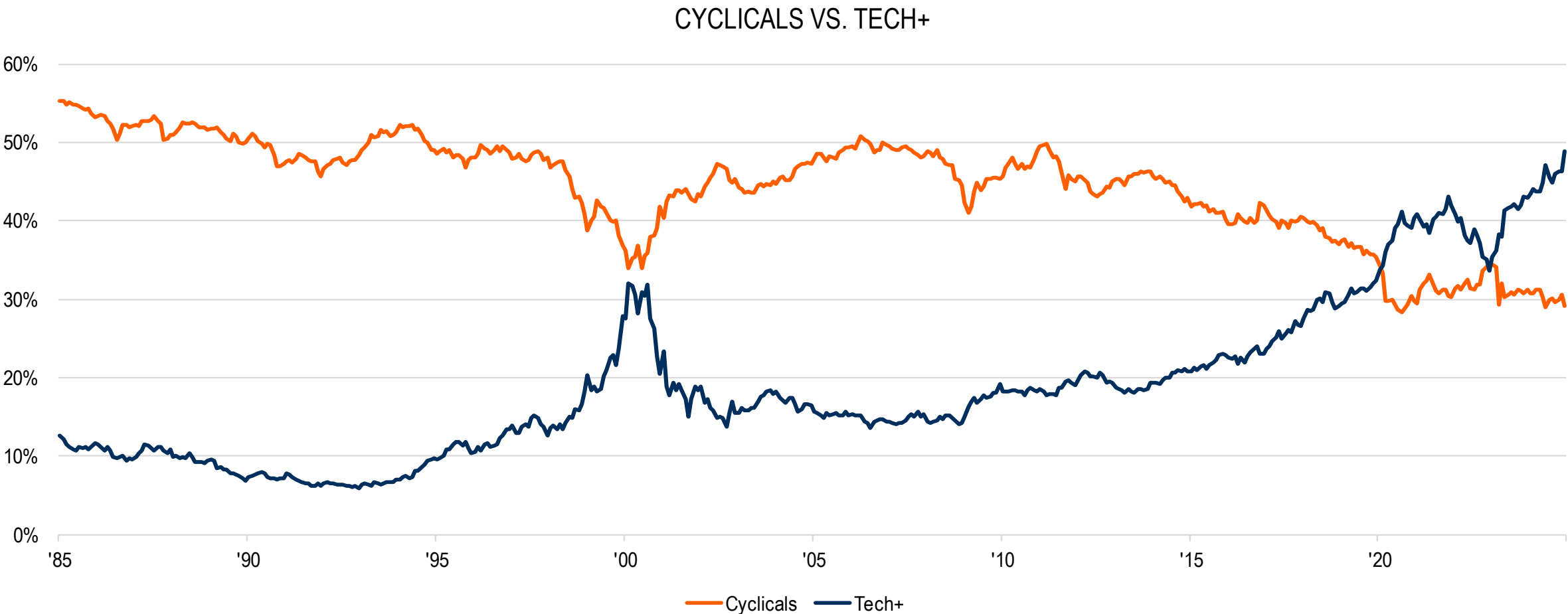
TOP 5 WEIGHTED S&P 500 NAMES



Source: Capital IQ. Data from 12/31/84 – 12/31/24. 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.

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S&P 500 TECHNOLOGY+ WEIGHT VERSUS CYCLICALS



Source: FactSet. Data 1/31/85 – 12/31/24. **Cyclicals** are defined as the energy, financials, materials, industrials and consumer discretionary sector ex Transaction & Payment Processing Services. **Technology Plus (Tech+)** is a combination of the technology sector, interactive home entertainment, interactive media & services, transaction & payment processing services, Tesla Inc., Amazon.com Inc. and Netflix Inc. For illustrative purposes only and not indicative of any 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.

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QUALITY BASKET

TOP 10 INDIVIDUAL QUALITY STOCK WEIGHTS

Rank	Ticker	Name	Weight	Forward P/E
1	AAPL	Apple Inc.	11.7%	33.9x
2	NVDA	NVIDIA Corporation	10.1%	34.0x
3	MSFT	Microsoft Corporation	9.7%	32.0x
4	GOOGL	Alphabet Inc.	7.2%	22.0x
5	AMZN	Amazon.com, Inc.	7.1%	37.5x
6	META	Meta Platforms, Inc.	4.6%	24.0x
7	WMT	Walmart Inc.	2.2%	34.1x
8	LLY	Eli Lilly and Company	2.1%	35.1x
9	V	Visa Inc.	1.9%	28.2x
10	MA	Mastercard Incorporated	1.5%	33.6x

TOP 10 AVG P/E 31.4x

Source: Capital IQ. As of 12/31/24. 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 return on equity are selected. Stocks are then market cap weighted. **Forward P/E** is the price of a stock divided by estimated forward earnings. **Quality** is the highest return-on-equity. 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. 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

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MOMENTUM BASKET

TOP 10 INDIVIDUAL MOMENTUM STOCK WEIGHTS

Rank	Ticker	Name	Weight	Forward P/E
1	AAPL	Apple Inc.	13.4%	33.9x
2	NVDA	NVIDIA Corporation	11.7%	34.0x
3	GOOGL	Alphabet Inc.	8.2%	22.0x
4	AMZN	Amazon.com, Inc.	8.2%	37.5x
5	META	Meta Platforms, Inc.	5.2%	24.0x
6	TSLA	Tesla, Inc.	4.6%	129.5x
7	AVGO	Broadcom Inc.	3.9%	36.6x
8	WMT	Walmart Inc.	2.6%	34.1x
9	LLY	Eli Lilly and Company	2.5%	35.1x
10	JPM	JPMorgan Chase & Co.	2.4%	14.3x

TOP 10 AVG P/E 40.1x

Source: Capital IQ. As of 12/31/24. 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 12-month momentum are selected. **Momentum** is measured by the highest 12-month price change. Stocks are then market cap weighted. **Forward P/E** is the price of a stock divided by estimated forward earnings. 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. 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.

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S&P 500 VALUE INDEX WEIGHTS

TOP 10 WEIGHTS

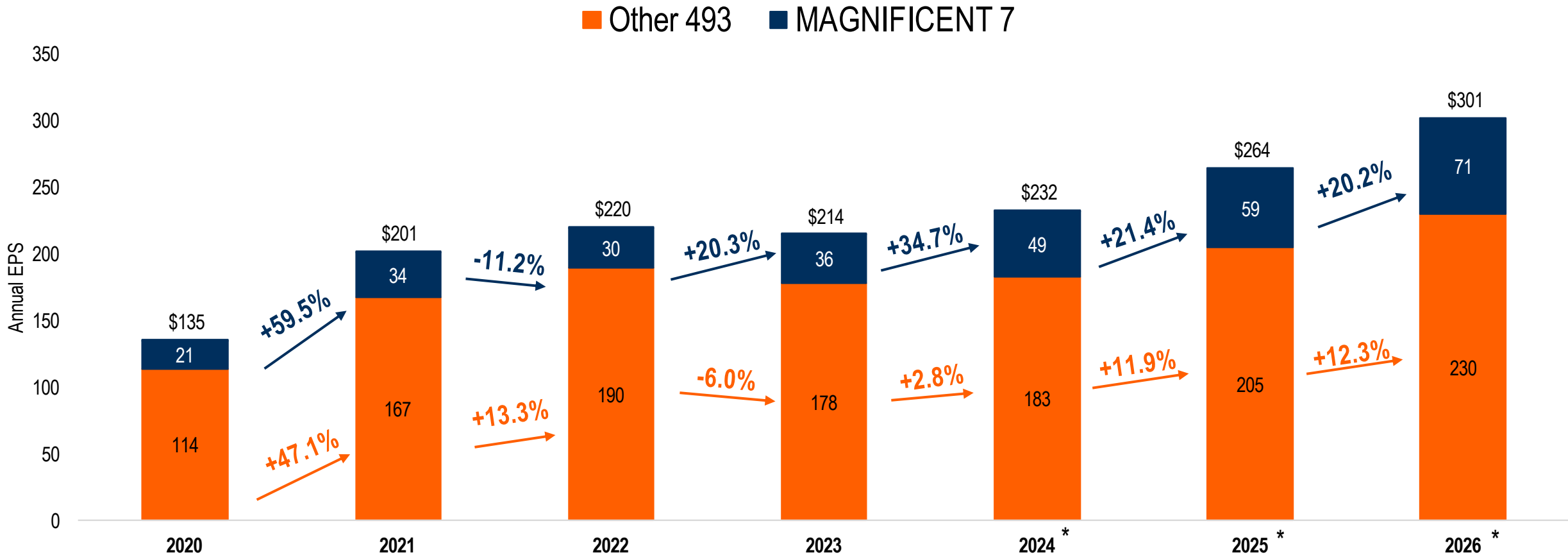
Rank	Ticker	Name	Weight	Forward P/E
1	AAPL	Apple Inc.	8.5%	33.9x
2	MSFT	Microsoft Corporation	6.3%	32.0x
3	AMZN	Amazon.com, Inc.	3.6%	37.5x
4	XOM	Exxon Mobil Corporation	2.0%	14.1x
5	UNH	UnitedHealth Group Incorporated	1.9%	17.4x
6	BRK/B	Berkshire Hathaway Inc.	1.8%	23.1x
7	PG	The Procter & Gamble Company	1.6%	23.8x
8	JNJ	Johnson & Johnson	1.5%	14.4x
9	BAC	Bank of America Corporation	1.2%	12.5x
10	JPM	JPMorgan Chase & Co.	1.2%	14.3x

S&P 500 VALUE P/E 18.5x

Source: Capital IQ. As of 12/31/24. 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. The **S&P 500 Value Index** contains those securities with value characteristics from the S&P 500 Index. Investors cannot invest directly in an index. Forward P/E is the price of a stock divided by estimated forward earnings.

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EPS OF MAGNIFICENT 7 AND OTHER 493 OF S&P 500 INDEX

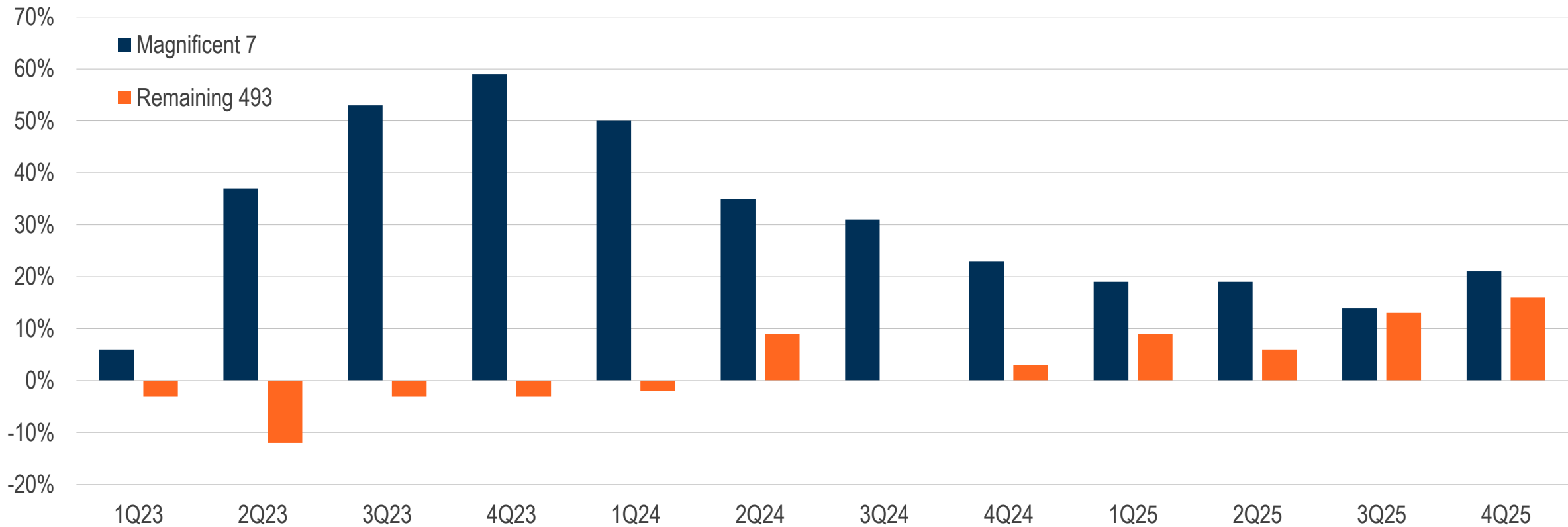


Source: Capital IQ. Data from 2/26/21 – 12/31/24. *Estimates are based on fiscal year aggregate consensus. **Past performance is no guarantee of future results.** There can be no assurance that any estimates will be achieved. Magnificent Seven: AAPL: Apple Inc. MSFT: Microsoft Corporation. NVDA: NVIDIA Corporation. GOOGL: Alphabet Inc. AMZN: Amazon.com, Inc. META: Meta. TSLA: Tesla, Inc. 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. **Earnings per share (EPS)** is calculated as a company's profit divided by the outstanding shares of its common stock. The resulting number serves as an indicator of a company's profitability.

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S&P 500 INDEX STOCKS QUARTERLY EPS GROWTH YEAR-OVER-YEAR

Magnificent 7 vs. Remaining 493



Source: S&P Capital IQ. Data as of 12/31/24. There is no assurance any forecasts will be achieved. **Past performance is no guarantee of future results.**

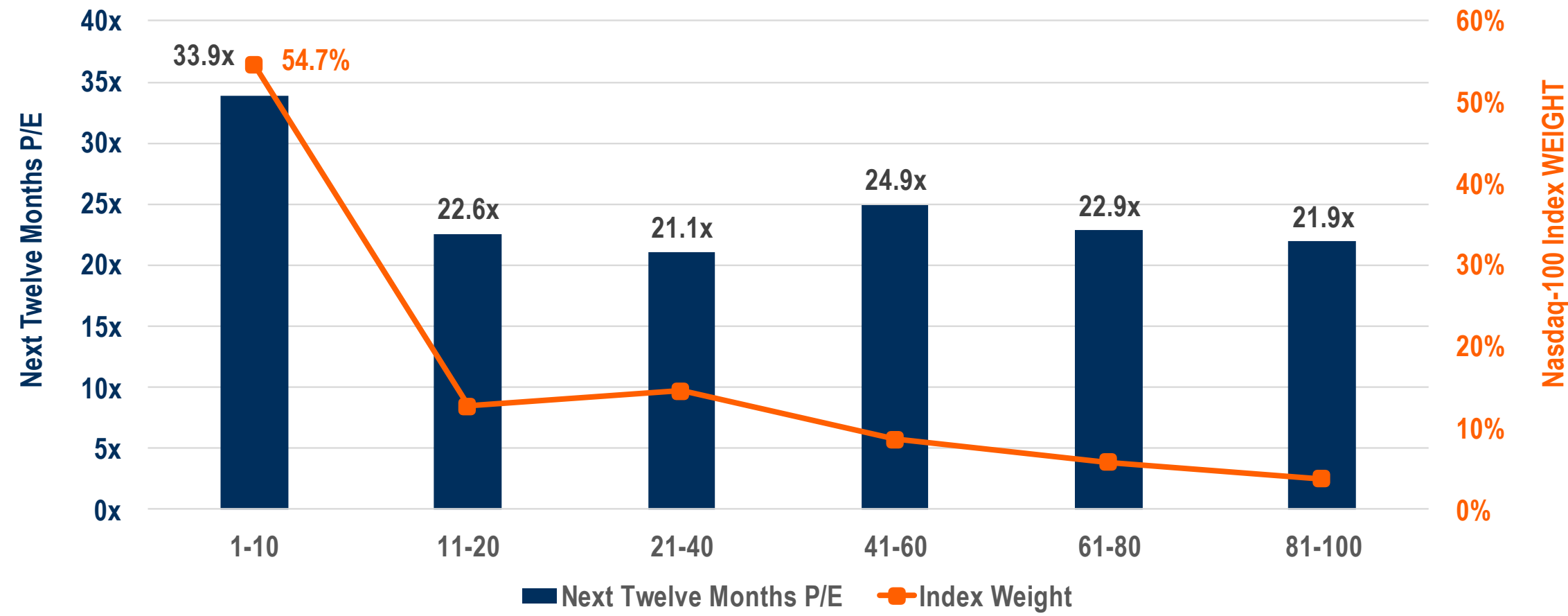
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Indices are unmanaged and investors cannot invest directly in an index. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

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There can be no assurance past trends will continue or projections realized.

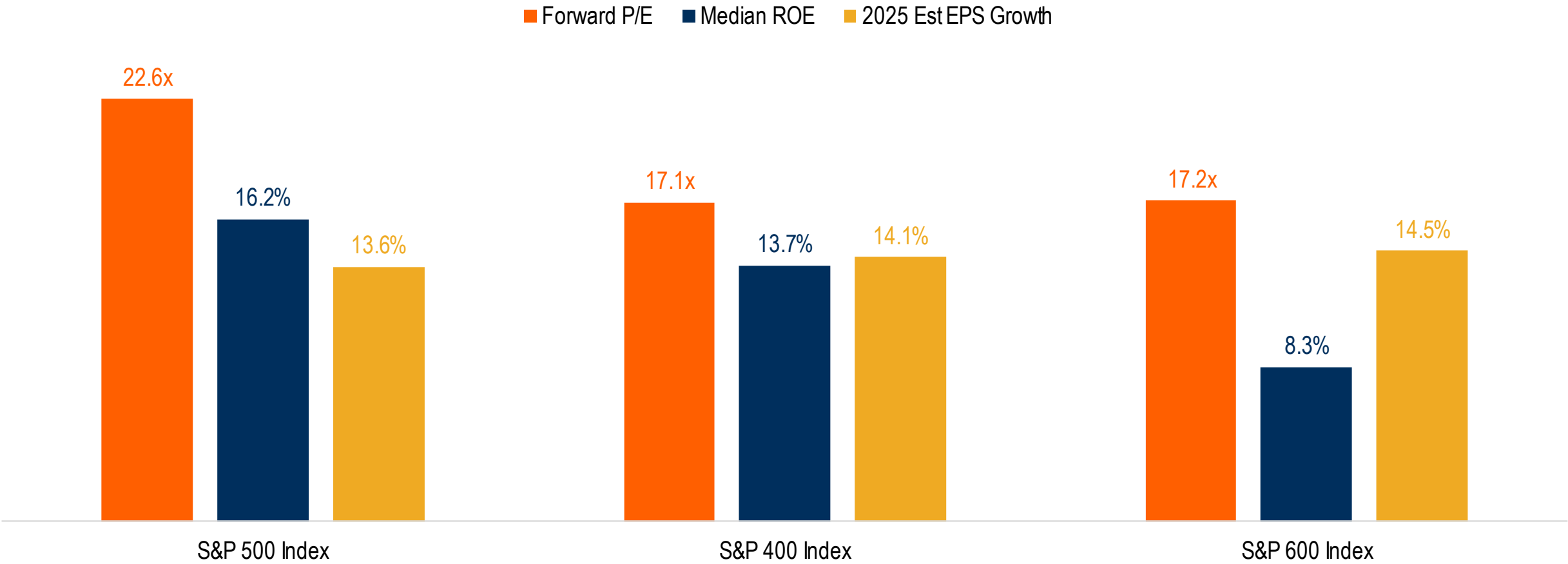
NASDAQ-100 INDEX VALUATIONS BY MARKET CAP RANGE & WEIGHTS



Source: Capital IQ. Data as of 12/31/24. Next Twelve Months P/E is the price of a stock divided by estimated forward earnings over the next 12 months. There can be no assurance that any estimates will be achieved. **The Nasdaq-100 Index®** is a modified capitalization-weighted index that is made up of 100 equity securities issued by 100 of the largest non-financial companies listed on the Nasdaq stock market. Indexes are unmanaged and investors cannot invest directly in an index.

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KEY STATS FOR S&P INDEXES

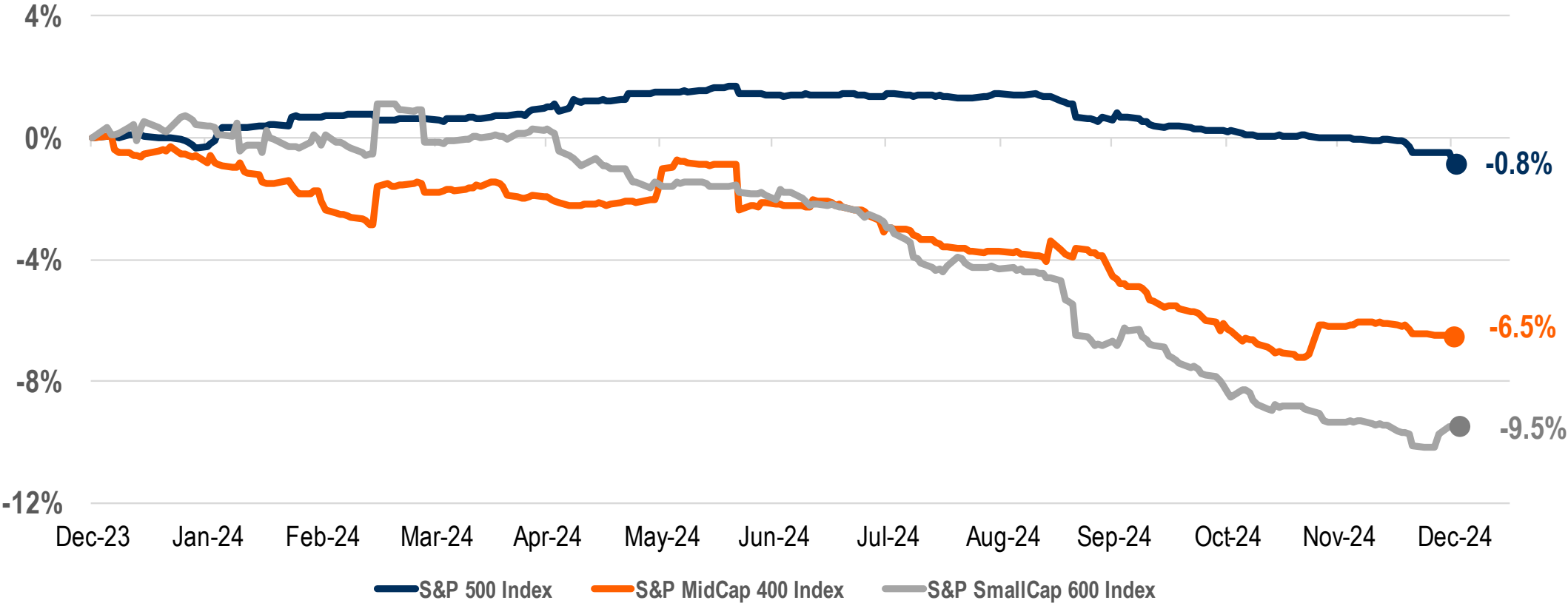


Source: Capital IQ, S&P, and Bloomberg. Data from 12/31/24. **Past performance is no guarantee of future results.** The **S&P 500 Index** is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. The **S&P SmallCap 600 Index** is an unmanaged index of 600 stocks used to measure small-cap U.S. stock market performance. The **S&P MidCap 400 Index** is an unmanaged index of 400 companies used to measure mid-cap U.S. stock market performance. **Forward price-to-earnings** of a stock is the price divided by the estimated EPS for the next 4 quarters. **Earnings per share (EPS)** is calculated as a company's profit divided by the outstanding shares of its common stock. Investors cannot invest directly in an index. **Return on Equity (ROE)** - measures a company's financial performance. It is calculated by dividing net income by shareholders' equity.

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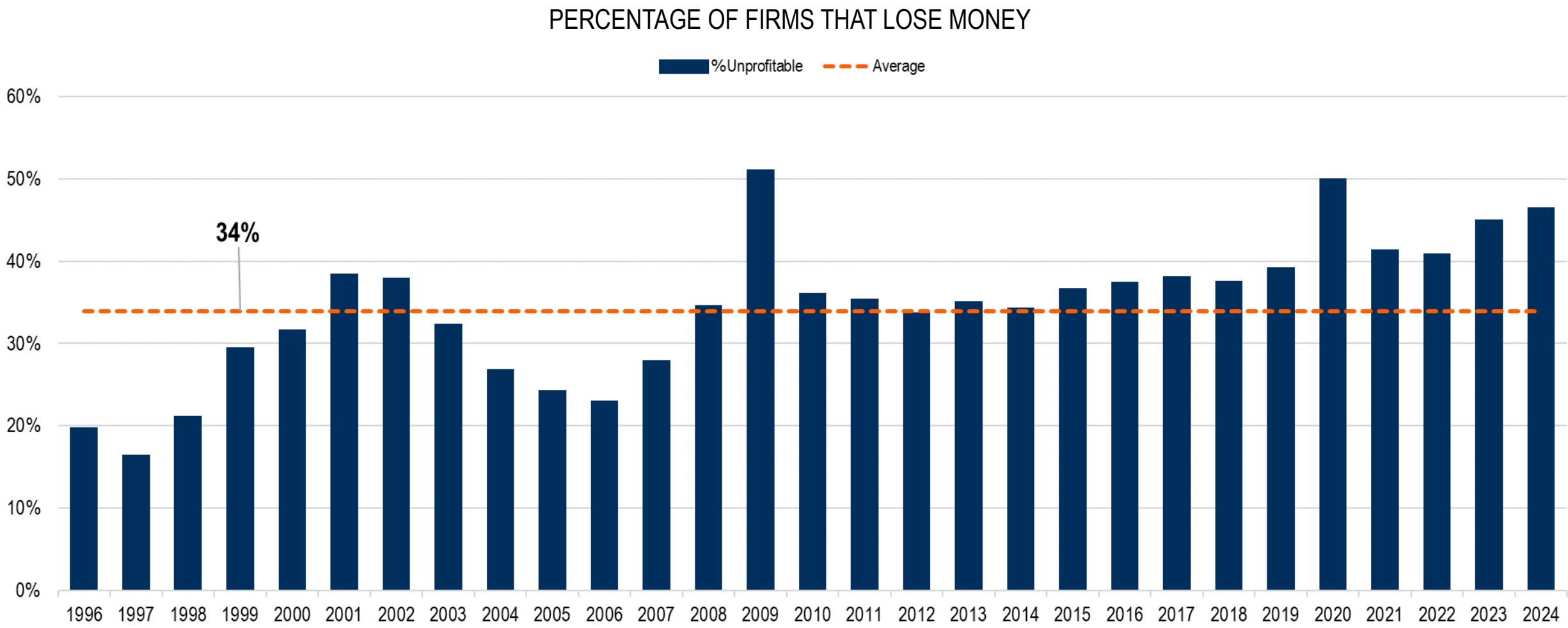
2025 EARNINGS BY MARKET CAP RANGE - REVISIONS

2025 REVISIONS: LARGE CAP, MID CAP, SMALL CAP



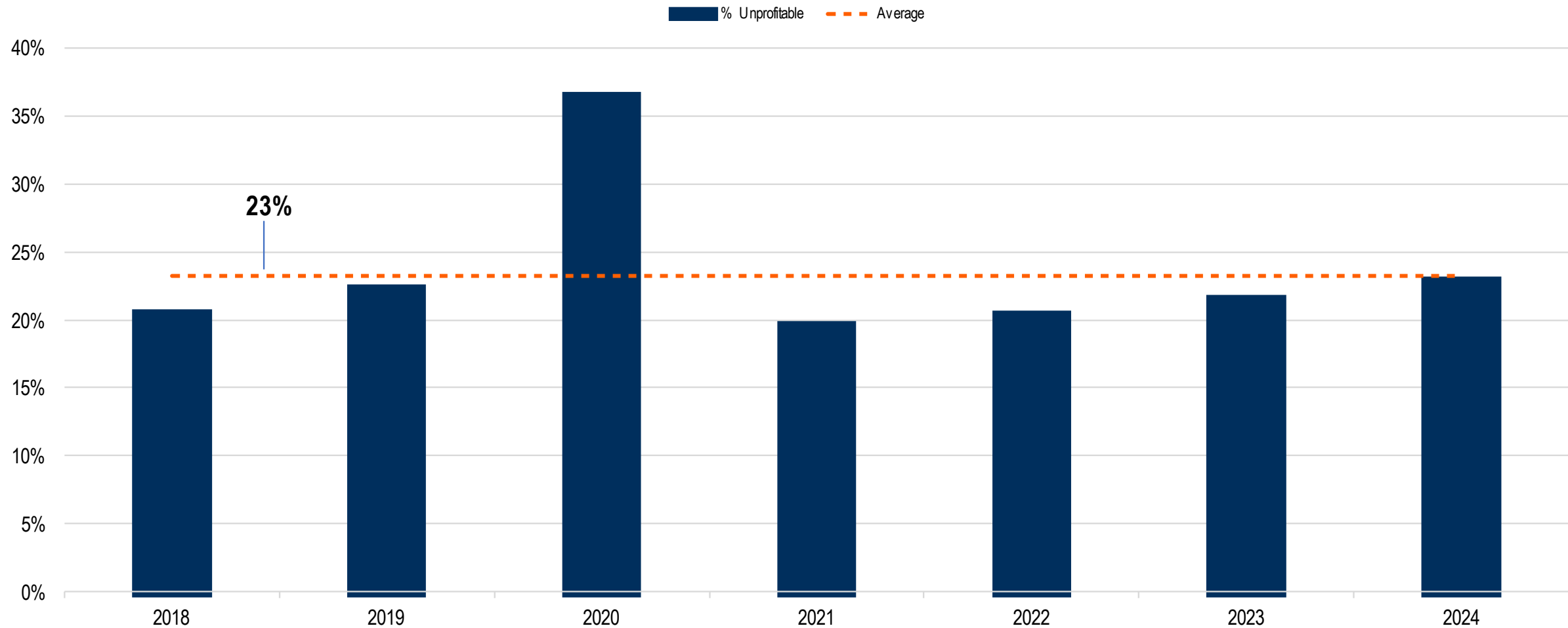
Source: Capital IQ. Data from 12/29/23 – 12/31/24. Estimates are based on fiscal year 2025 aggregate consensus. There can be no assurance that any estimates will be achieved. The **S&P 500 Index** is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. The **S&P SmallCap 600 Index** is an unmanaged index of 600 companies used to measure small-cap U.S. stock market performance. The **S&P MidCap 400 Index** is an unmanaged index of 400 companies used to measure mid-cap U.S. stock market performance. Investors cannot invest directly in an index. For illustrative purposes only and not indicative of any investment. **Earnings per share (EPS)** is calculated as a company's profit divided by the outstanding shares of its common stock. The resulting number serves as an indicator of a company's profitability. The information presented is not intended to constitute an investment recommendation for, or advice to, any specific person. By providing this information, First 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 responsible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

SMALL-CAP UNPROFITABILITY



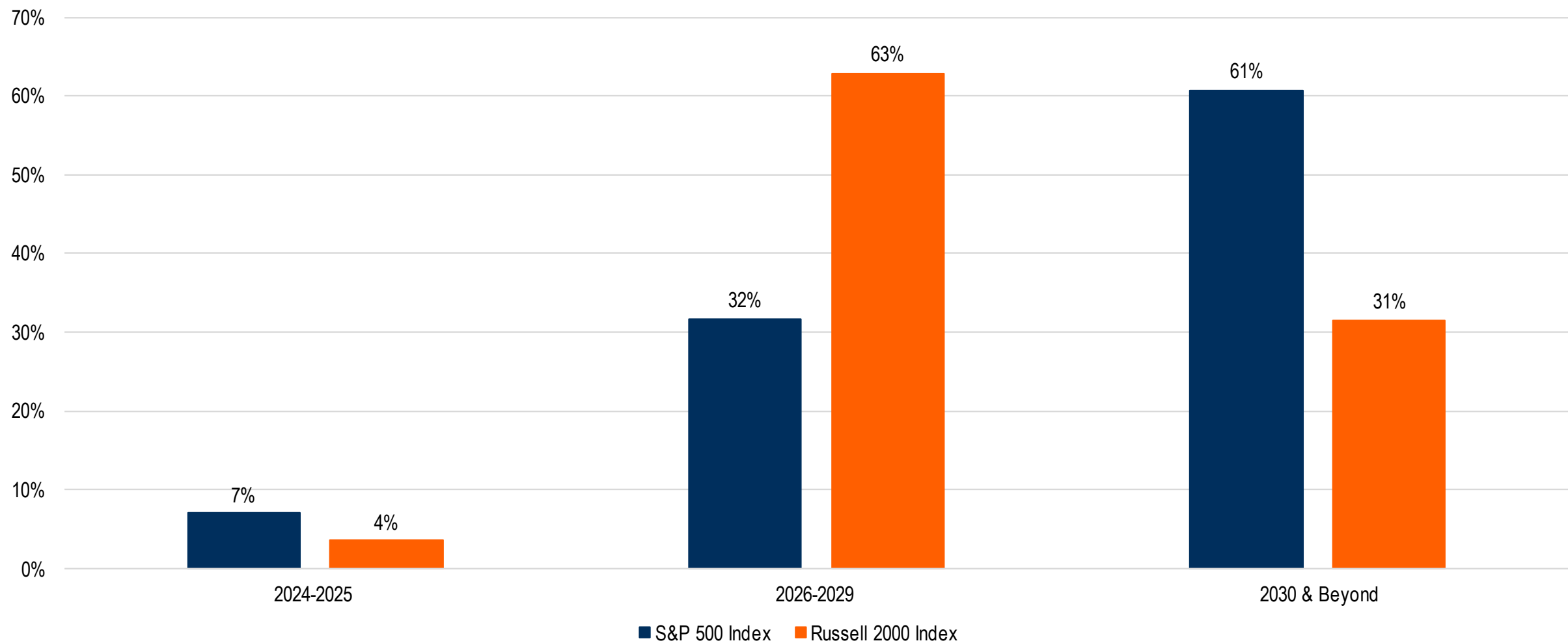
Source: Capital IQ. As of 12/31/24. Universe: 1,000 to 3,000 largest U.S. firms with \$100,000 in average daily volume over the last 3 months. These examples are for illustrative purposes and do not represent any actual investment.
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UNPROFITABILITY OF COMPANIES IN THE S&P 600 INDEX



Source: Capital IQ. Data as of 12/31/2024. Universe: The **S&P 600 Index** is an unmanaged index of 600 stocks used to measure small-cap U.S. stock market performance. Investors cannot invest directly in an index. These examples are for illustrative purposes and do not represent any actual investment. The information presented is not intended to constitute an investment recommendation for, or advice to, any specific person. By providing this information, First 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 responsible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

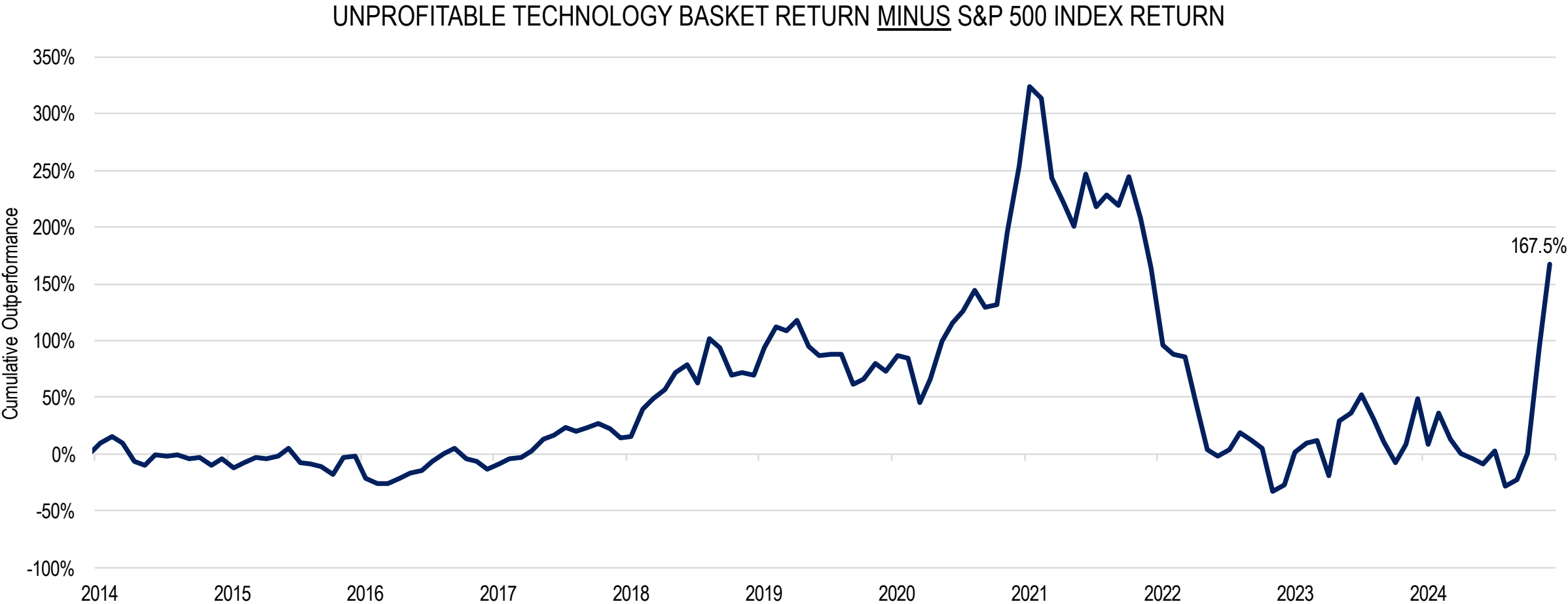
OUTSTANDING DEBT BY MATURITY RANGE



Source: Bloomberg. Data as of 12/31/24, data beyond 12/31/24 are estimates. There is no assurance the projected forecasts will be achieved. The **S&P 500 Index** is an unmanaged index of 500 companies used to measure large-cap U.S. stock market performance. The **Russell 2000 Index** is a small-cap stock market index comprised of the smallest 2,000 stocks in the Russell 3000 Index. Indices are unmanaged and investors cannot invest directly in an index.

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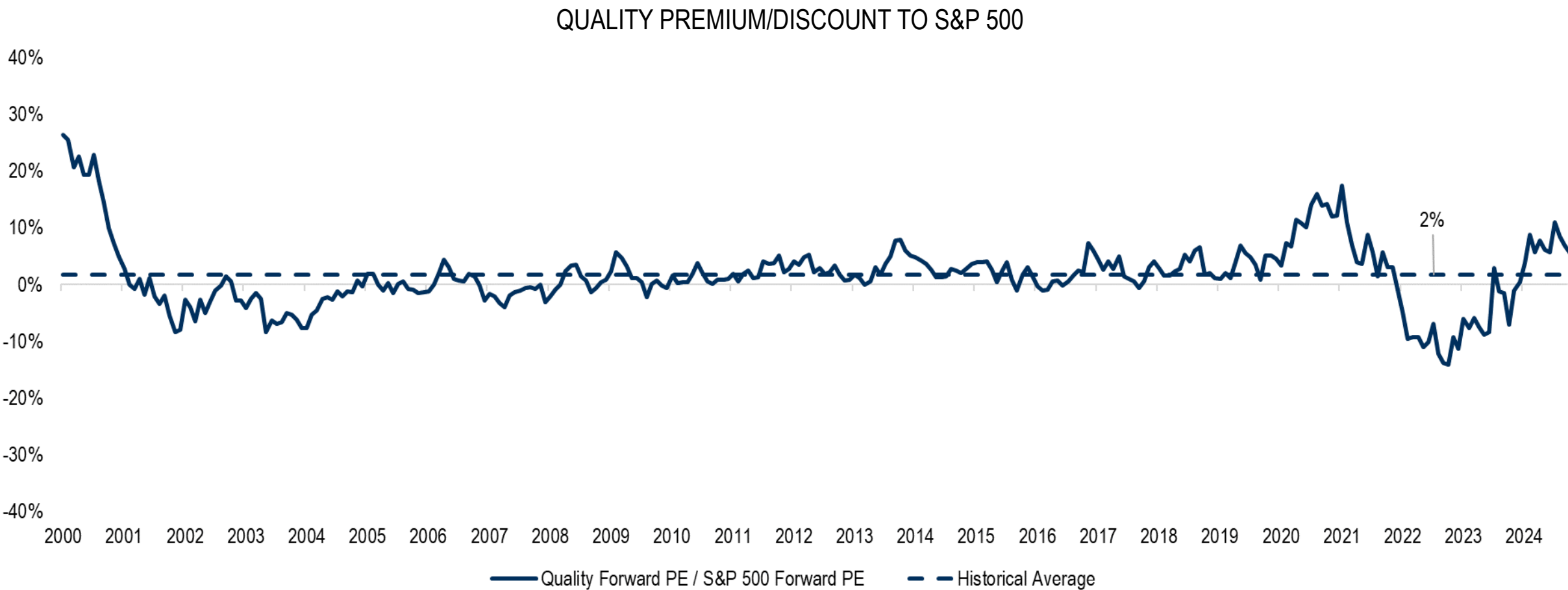
UNPROFITABLE TECH RETURNS RELATIVE TO S&P 500



Source: Capital IQ. Data from 12/31/13 – 12/31/24. Returns are total returns. **Past performance is no guarantee of future results.** This chart is for illustrative purposes and does not represent any actual investment. The unprofitable technology basket includes U.S. domiciled stocks in the Information Technology GICS sector with a market cap greater than \$500 million and trailing 12-month adjusted EPS less than 0. The basket is equally-weighted and rebalanced at the end of every month. 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 cumulative returns are subtracted from the unprofitable technology basket.

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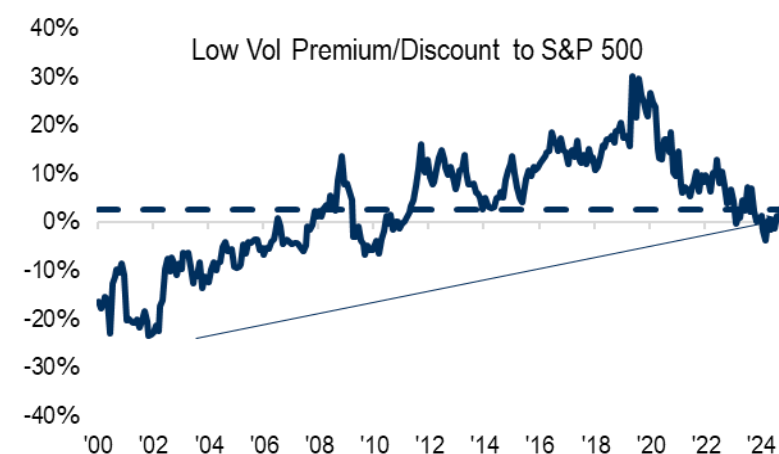
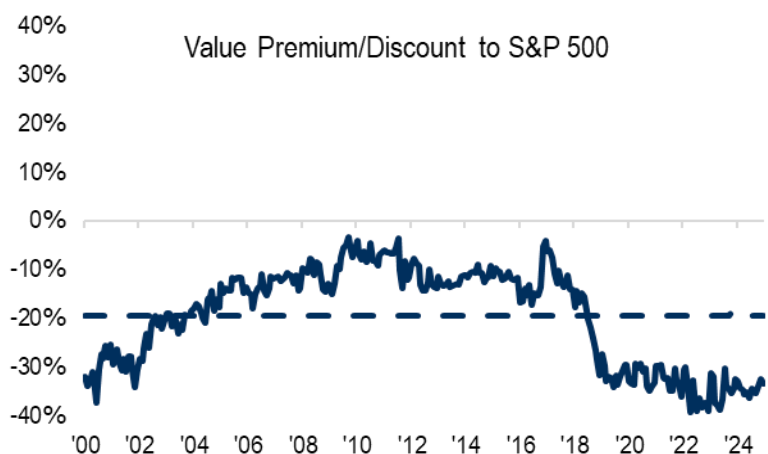
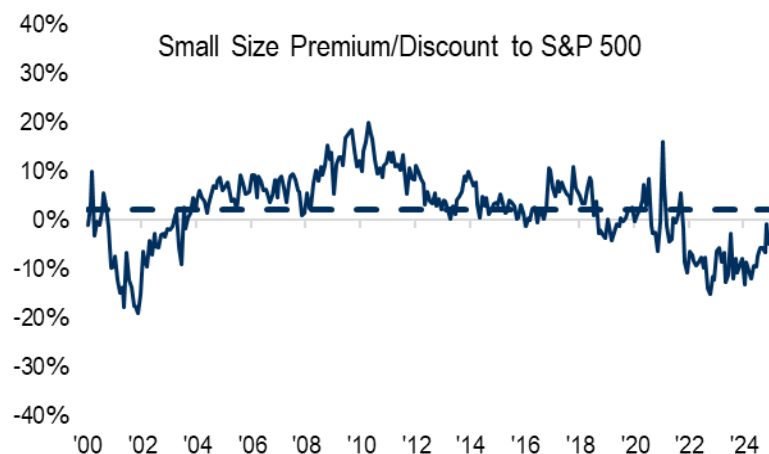
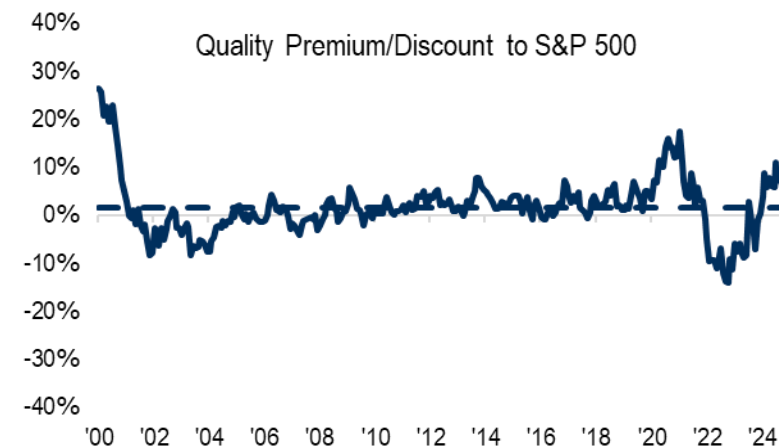
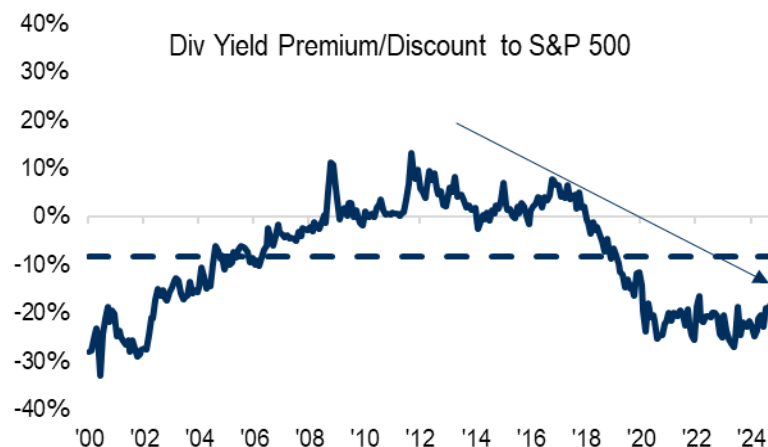
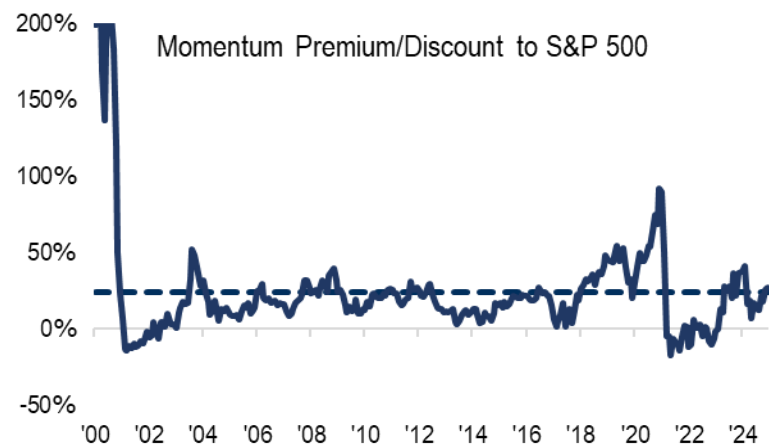
QUALITY STOCKS' PRICING RELATIVE TO HISTORY



Source: Bloomberg & Capital IQ. Monthly data is calculated from 1/31/00 to 12/31/24. The median monthly forward price-to-earnings (P/E) ratio is used for the premium or discount relative to the market. Forward price-to-earnings of a stock is the price divided by the estimated EPS for the next 4 quarters. The quality factor is comprised of the top 30% of stocks by return-on-equity 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. Chart is for illustrative purposes only and does not represent any actual investment. **Past performance is no guarantee of future results.**

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FACTOR MEDIAN P/E PREMIUM/DISCOUNT TO S&P 500

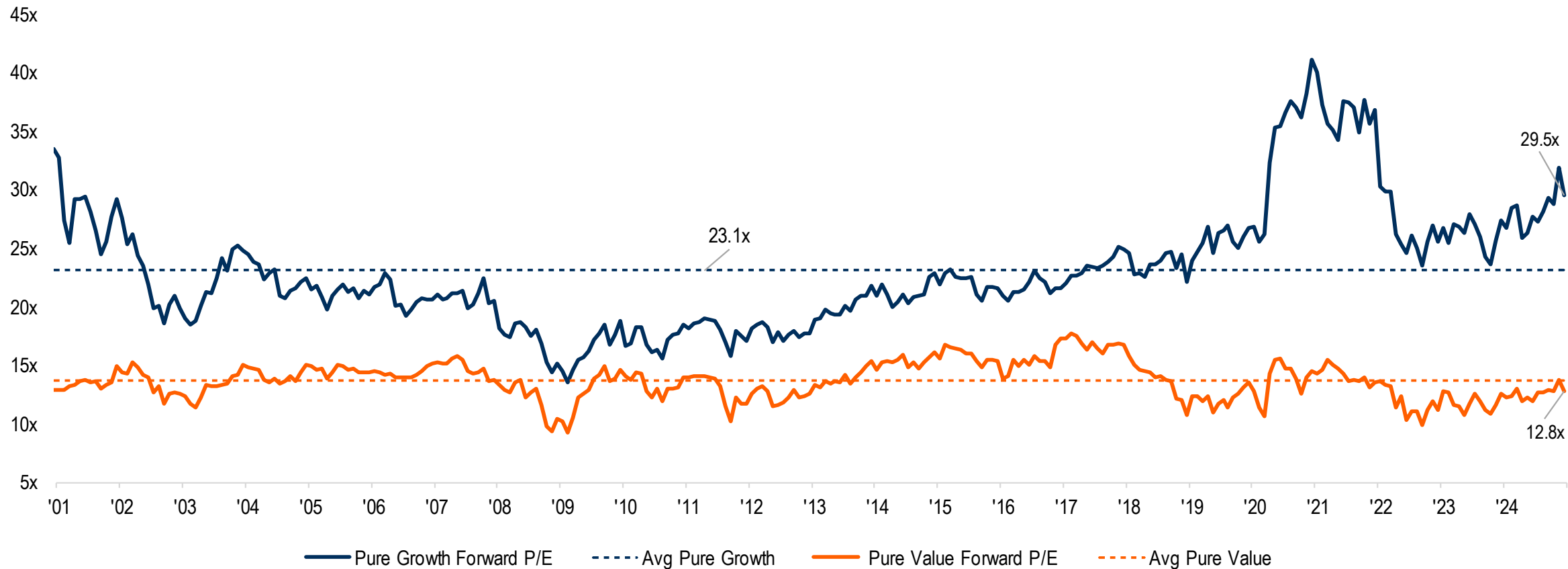


Source: Bloomberg & Capital IQ. Monthly data is calculated from 1/31/00 to 12/31/24. For illustrative purposes and does not represent any actual investment. The median monthly forward price-to-earnings (P/E) ratio is used for each factor. Forward Price to Earnings of a stock is the price divided by the estimated EPS for the next 4 quarters. 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. The S&P 500 Index is an 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. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. **Past performance is no guarantee of future results.**

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PURE GROWTH VERSUS PURE VALUE – FORWARD MULTIPLES

PURE GROWTH VS. PURE VALUE FORWARD P/E RATIOS



Source: Capital IQ. Monthly data is calculated from 12/29/00-12/31/24. 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. The median monthly forward price-to-earnings ratio is used for the pure growth and pure value baskets. Only firms with positive earnings are used. Pure growth names are the 30% of names with the highest price-to-books versus the pure value basket of the 30% of names with the lowest price-to-books. For illustrative purposes only and not indicative of any investment.

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MARKET CAP WEIGHTED ANNUAL FACTOR RETURNS VERSUS S&P 500 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

	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	2023	2024
Top	Value 38.17%	Mom 36.99%	Mom 49.51%	Size 11.57%	Value 6.90%	Low Vol -10.79%	Size 43.88%	Value 20.11%	Mom 18.91%	Value 22.85%	Mom 20.13%	Low Vol -27.19%	Size 38.77%	Size 27.35%	Low Vol 12.24%	Value 20.36%	Size 40.98%	Quality 14.51%	Mom 5.55%	Value 24.27%	Quality 26.78%	Low Vol -0.74%	Quality 36.72%	Mom 35.77%	Value 30.17%	Yield -0.13%	Quality 28.80%	Mom 35.10%
2	Low Vol 36.91%	Quality 35.56%	Quality 27.91%	Yield 10.41%	Size 3.14%	Yield -10.97%	Value 39.79%	Size 18.01%	Value 12.10%	Yield 22.07%	Quality 13.33%	Quality -31.54%	Value 34.42%	Mom 24.12%	Yield 9.91%	Size 17.70%	Mom 36.94%	S&P 500 13.69%	Low Vol 1.78%	Yield 18.80%	Mom 22.63%	Mom -2.95%	S&P 500 31.49%	Quality 26.13%	Yield 29.74%	Value -3.56%	S&P 500 26.29%	Quality 30.37%
3	Quality 36.50%	S&P 500 28.58%	S&P 500 21.04%	Low Vol 9.99%	Yield 1.93%	Mom -14.48%	S&P 500 28.68%	Yield 12.51%	S&P 500 4.91%	Low Vol 17.87%	S&P 500 5.49%	Yield -34.54%	Quality 27.54%	Value 18.52%	Quality 5.27%	S&P 500 16.00%	Value 35.84%	Yield 13.39%	S&P 500 1.38%	Size 16.87%	Low Vol 22.62%	S&P 500 -4.38%	Size 27.89%	S&P 500 18.40%	S&P 500 28.71%	Low Vol -8.17%	Size 20.36%	S&P 500 25.02%
4	Yield 33.86%	Low Vol 17.36%	Size 12.46%	Value 7.34%	Low Vol -5.32%	Size -16.29%	Yield 26.67%	Low Vol 12.14%	Size 4.82%	Quality 16.72%	Low Vol 5.29%	Size -35.76%	S&P 500 26.46%	Yield 16.82%	S&P 500 2.11%	Mom 15.56%	S&P 500 32.39%	Low Vol 13.10%	Yield -0.78%	S&P 500 11.96%	S&P 500 21.83%	Quality -4.75%	Value 27.60%	Low Vol 17.31%	Quality 28.29%	S&P 500 -18.11%	Mom 17.46%	Low Vol 18.09%
5	S&P 500 33.36%	Yield 15.07%	Low Vol 4.08%	Quality -8.28%	Quality -8.89%	Value -16.83%	Mom 25.74%	Quality 11.48%	Quality 4.74%	S&P 500 15.79%	Size 2.00%	Mom -36.11%	Yield 20.76%	S&P 500 15.06%	Size -0.86%	Low Vol 14.51%	Quality 31.85%	Mom 12.06%	Quality -1.73%	Low Vol 11.35%	Value 15.50%	Yield -6.78%	Yield 27.46%	Size 17.01%	Low Vol 24.94%	Mom -18.57%	Value 12.26%	Value 16.26%
6	Mom 33.18%	Value 12.74%	Yield -1.37%	S&P 500 -9.10%	S&P 500 -11.89%	Quality -18.42%	Quality 21.35%	Mom 10.93%	Yield 4.54%	Size 13.90%	Yield 0.72%	S&P 500 -37.00%	Low Vol 18.23%	Quality 13.22%	Mom -2.78%	Quality 14.00%	Yield 29.59%	Value 10.73%	Size -5.09%	Quality 9.55%	Yield 15.03%	Size -10.57%	Mom 26.58%	Yield -2.05%	Size 17.88%	Size -19.24%	Yield 7.11%	Yield 14.65%
Bottom	Size 21.45%	Size 0.93%	Value -1.51%	Mom -27.40%	Mom -16.53%	S&P 500 -22.10%	Low Vol 19.31%	S&P 500 10.88%	Low Vol 2.80%	Mom 10.56%	Value -6.26%	Value -47.99%	Mom 12.39%	Low Vol 11.53%	Value -6.05%	Yield 13.38%	Low Vol 27.40%	Size 8.25%	Value -6.10%	Mom 4.82%	Size 14.68%	Value -14.13%	Low Vol 26.01%	Value -7.03%	Mom 16.66%	Quality -23.45%	Low Vol 6.89%	Size 13.80%

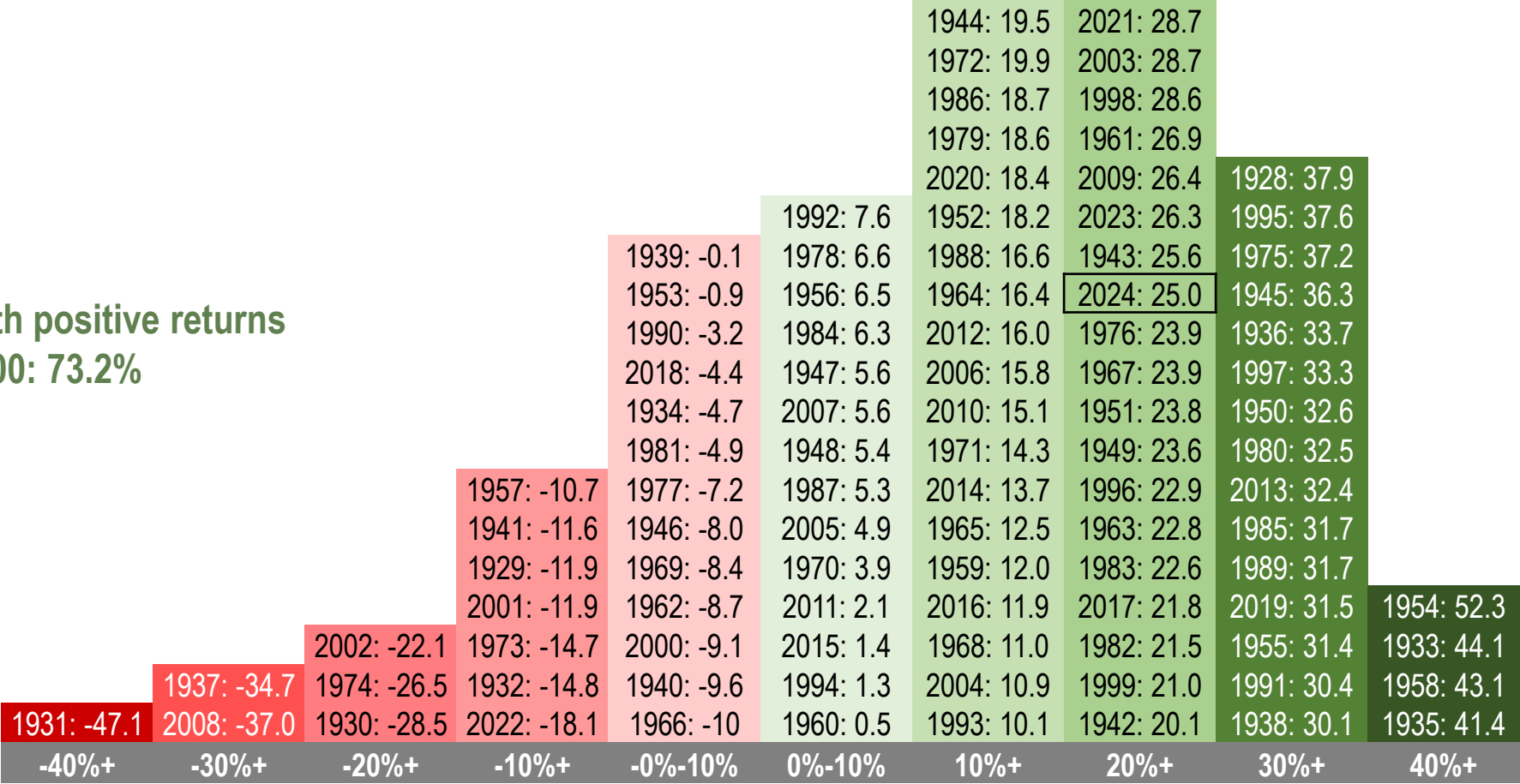
Source: Capital IQ. As of 12/31/24. Returns are total returns. **Past performance is no guarantee of future results.** Universe: largest 1,000 U.S. firms with \$1 million in average daily volume over the last 3 months and 12 months of trading history. Top 30% of stocks by factor are selected. Stocks are then market cap weighted. These examples are for illustrative purposes and do not represent 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. An index does not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown.

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S&P 500 INDEX HISTORICAL RETURNS: POSITIVE VS. NEGATIVE YEARS

S&P 500 ANNUAL TOTAL RETURNS 1928-2024

% of years with positive returns
for the S&P 500: 73.2%



Source: Bloomberg. Total returns for the S&P 500 Index from 1928 through 2024. **Past performance is no guarantee of future results.** This example is for illustrative purposes and does not represent 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.

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