

Uncertainty grips global equity markets

Equities market update

As of 31 Mar 2025

Initial tariff announcements above market expectations lead to downward earnings revisions

Mitigating risks and volatility is critical to navigating equity markets

Macroeconomic factors

- Recently announced tariff policies have the potential to lead to a trade war
- As a result of recently announced trade policy, support for additional rate cuts remains influx
- Labor market appears to be trending towards equilibrium and consumers remain resilient
- However, while not weak, the economy has been weakening heading into the tariff announcements

Market implications

- Double-digit earnings expectations are currently being revised lower due to tariffs
- Defending corporate margins and return on invested capital (ROIC) will remain a challenge
- Select opportunities in high quality equities, dividend payers and infrastructure
- Active management opportunities due to increased risks in various areas of equity markets

Risks to expectations

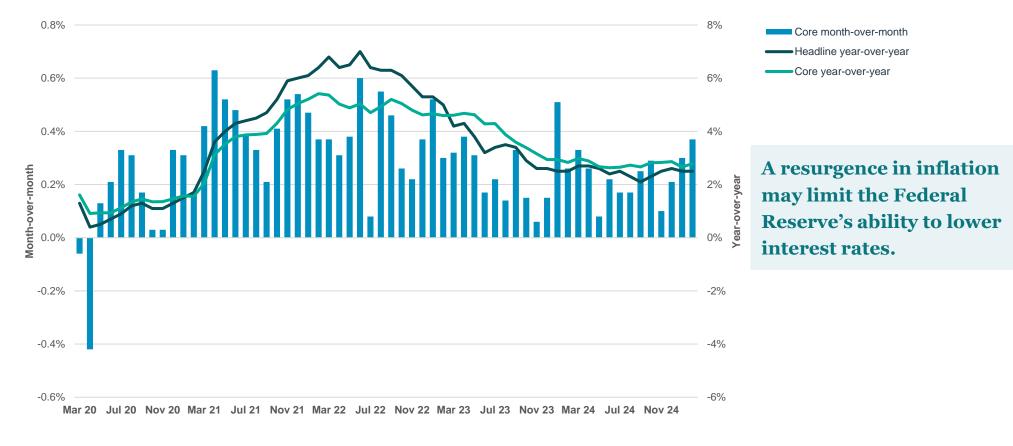
- Further downward earnings revisions driven by tariffs, margin contraction and demand destruction
- Central bank policy error
- Subsequent wave of global inflationary pressures
- Labor market weakens and consumer deteriorates
- Trade and geopolitical conflicts intensify and create additional economic instability

OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Global trade policy could lead to a reacceleration of inflation

Several key inflationary components remain stubbornly high

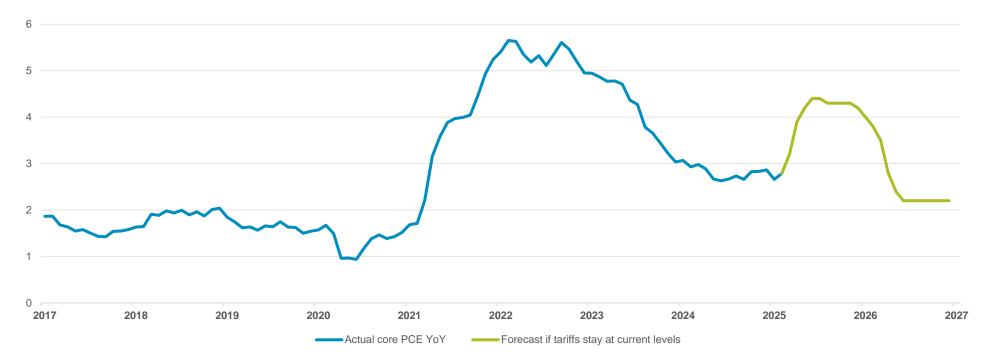
Personal Consumption Expenditures (PCE) Price Index



Data source: Bureau of Economic Analysis, Bloomberg, L.P., 28 Feb 2025. Most recent data available. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

How tariffs may affect the Core PCE inflation forecast

If tariffs are maintained at current levels, core PCE inflation could increase by 2% this year



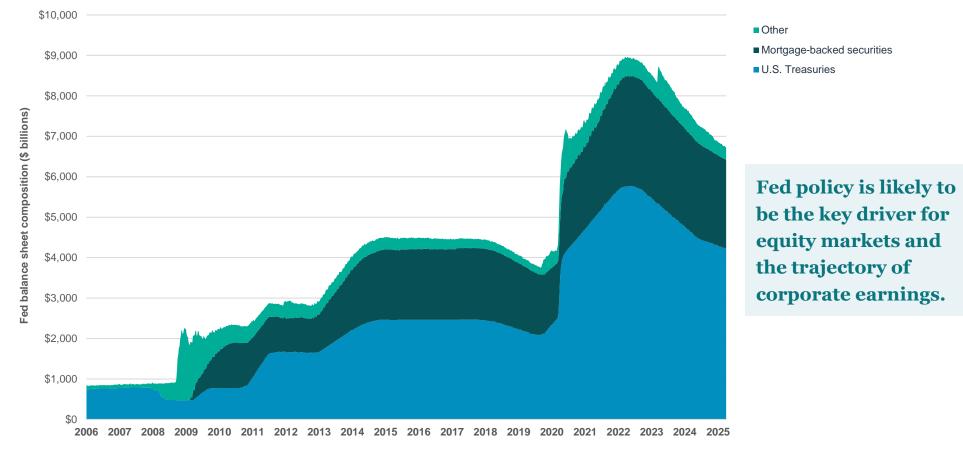
Core PCE YoY if tariffs stay at current levels

Data source: Exante Data. Past performance does not predict or guarantee future results. Certain data may be deemed forward-looking. Please note that any such data is not guarantees or intended to constitute a prediction of any future performance; actual results or developments may differ materially from those projected.

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The Fed has started easing monetary policy, and is slowing the pace of its balance sheet drawdown

The Fed is likely to shrink its balance sheet at a slower pace until a debt ceiling deal is reached

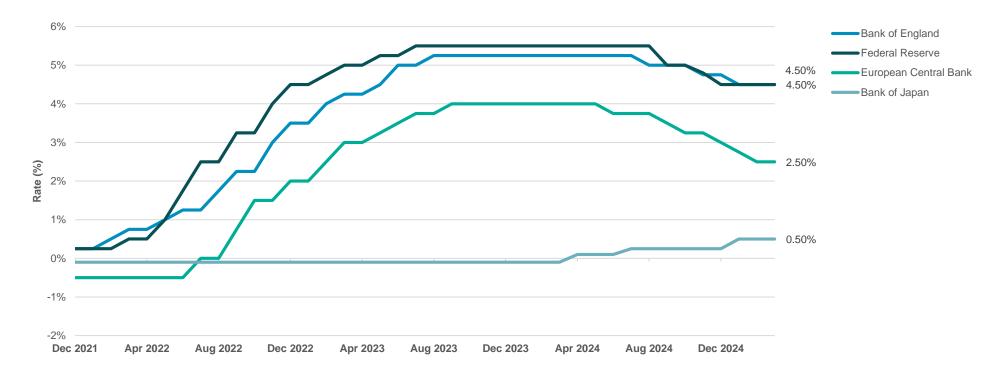


Data sources: Federal Reserve Board, Federalreserve.gov, 04 Jan 2006 – 02 Apr 2025. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Macro factors **Central banks across the globe engage in a balancing act**

Monetary policy diverged in the first quarter even as inflation remained above central bank targets

Global central bank policy rates (%)



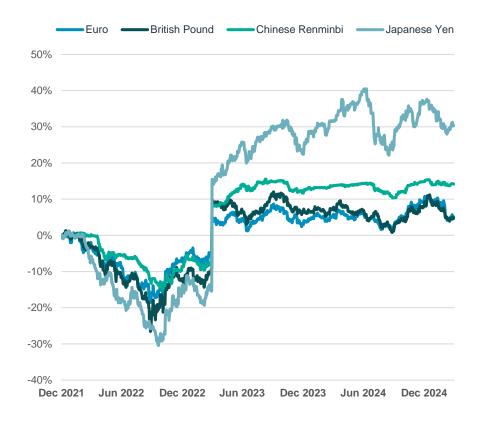
Source: Nuveen Portfolio Strategy Group, Bloomberg, 31 Dec 2021 – 31 Mar 2025. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

U.S. dollar direction is increasingly dependent on the administration's policy changes

Global central banks continue to exhibit caution on the timing and pace of policy decisions

Current policy rate End of 2025 market expectations 5% 5% 4% 4% 3% 3% 2% 2% 1% 1% 0% **Federal Reserve European Central** Bank of England Bank of Japan Bank

Central bank policy rates and expectations

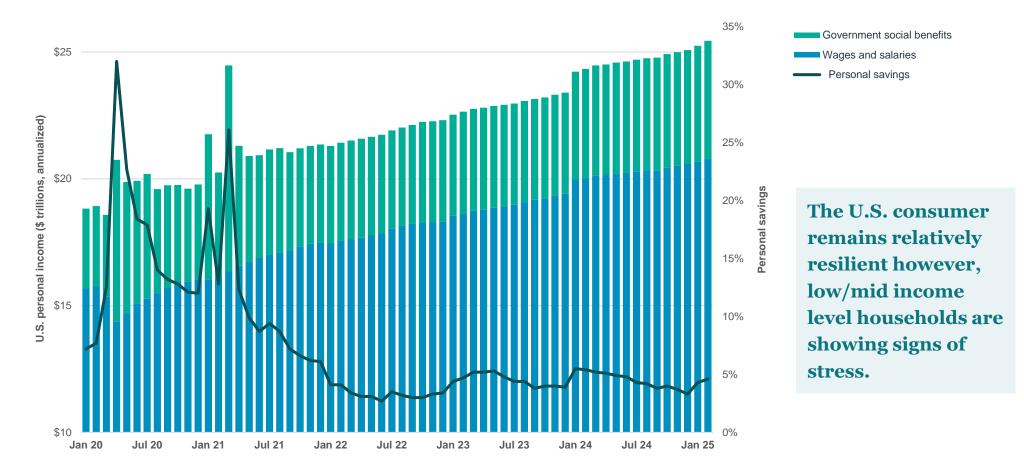


Currency returns versus U.S. dollar

Source: Bloomberg, Nuveen Portfolio Strategy & Solutions, 31 Dec 2021 – 31 Mar 2025. Performance data shown represents past performance and does not predict or guarantee future results. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Consumer spending has softened, yet continues to hold up despite normalized savings rates

Job security and real wage growth will be key variables to monitor

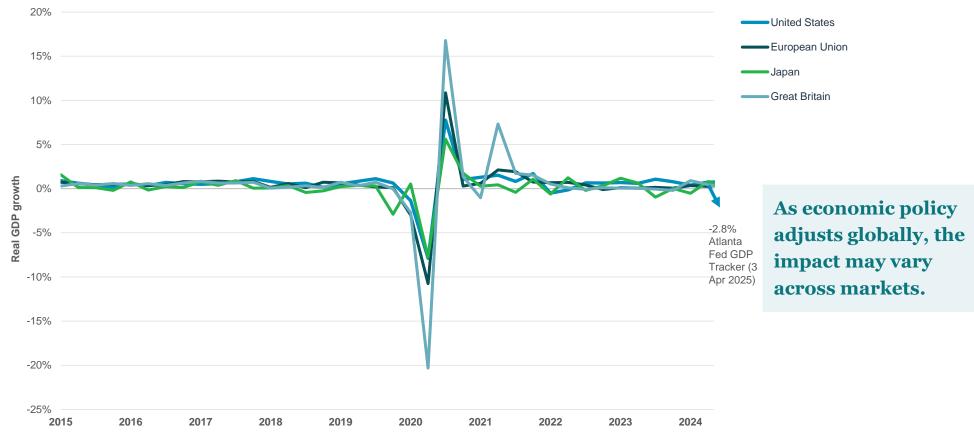


Data source: Bureau of Economic Analysis, 28 Feb 2025. Wages and salaries include typical government social benefits such as Social Security, Medicare, Medicaid, unemployment insurance and veterans' benefits. Personal savings represent a percentage of disposable personal income.

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Global economic growth is softening and the odds of recession are increasing

Tariffs, inflation risks, elevated costs of capital, margin pressures and geopolitical tensions continue to drive uncertainty



Data source: Organisation for Economic Co-operation and Development, 31 Mar 2015 – 31 Dec 2024. Most recent data available. 2.6% is the Atlanta Fed GDP Tracker for fourth quarter 2024. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Macro factors The Nuveen Macro Market Monitor

HOW ARE THESE FACTORS AFFEC	AS 0F 31 Mar 2025			
INFLATION			While training inflation remains elevated, forward-looking inflation expectations are approaching the long-term median.	
	Long-term inflation expectations	2.2%		
U.S MONETARY POLICY			Generally restrictive, given the current fed funds rate and the impact of higher overall rates on financial conditions.	
	Federal funds rate	4.5%		
	Financial conditions	99.5		
ECONOMIC ACTIVITY			Recent economic data are mixed. Household debt service ratios and economic surprises have been strong, while consumer expectations have declined, and August housing starts were below expectations.	
	Consumer expectations	54.2		
	Household debt service ratio	11.3%		
	Housing starts	1.50M		
	Economic surprises	-3.1		
EMPLOYMENT			Healthy, with jobless claims and job openings near their 20- year lows and highs, respectively.	
	Jobless claims	224,000		
	Job openings	7.6M		
			Mixed, with individual investors reflecting more optimism than the overall investor community.	
INVESTOR SENTIMENT	Broad investor sentiment	0.0		
	Individual investor survey	-24.8		
	S&P 500 forward price to earnings ratio	20.1x	While positive earnings revisions are a plus, index-level valuations and below-median expected earnings growth warrant caution.	
J.S EQUITY FUNDAMENTALS	S&P 500 forward expected earnings growth	11.7%		

Data source: Bloomberg L.P., 31 Mar 2025. Past performance does not predict or guarantee future results. The views above are for informational purposes only and do not reflect the experience or performance of any Nuveen product, strategy or service.

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U.S. equity markets remain extremely dependent on earnings growth this year

Despite modest downward revisions in Q1 2025, earnings growth expectations remain positive, although recent tariff announcements may require further downward revisions **S&P 500 Index**



Data source: FactSet, 31 May 2011 – 31 Mar 2025. Performance data shown represents past performance and does not predict or guarantee future results. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Non-U.S. equity markets outpaced the U.S. in Q1 2025

Equity market landscape outside the U.S. appears mixed, with select developed market and emerging market opportunities

MSCI EAFE



MSCI Emerging Markets



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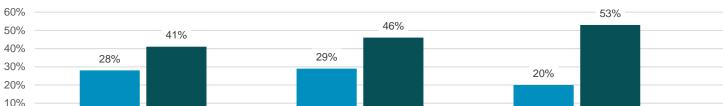
Market implications Small cap earnings are expected to reaccelerate in the second half of 2025

Selectivity through active management is warranted due to a growing number of unprofitable publicly traded small cap companies

COVID-19 Pandemic



Earnings growth (year-over-year)



Global Financial Crisis

Percent of unprofitable companies*

Tech Bubble

*Data represented for the percentage of unprofitable companies are from the following quarters: Tech Bubble: Fourth quarter 2001; Global Financial Crisis: Fourth quarter 2008; Covid-19 Pandemic: First quarter 2020; Current: Fourth quarter 2024.

Large Cap Small Cap

Data source: FactSet. Performance data shown represents past performance and does not predict or guarantee future results. Representative Indexes: Large Cap: S&P 500 Index; Small Cap: Russell 2000 Index. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

nuveen

0%

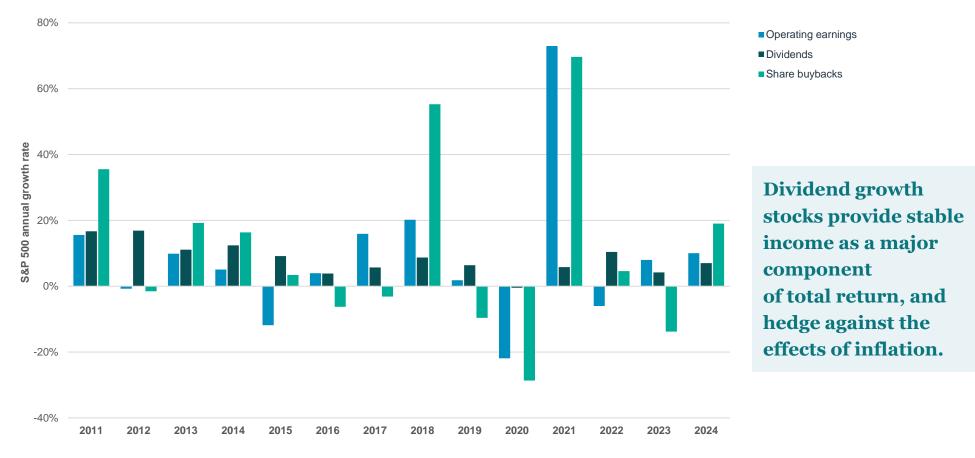
26%

7%

Current

Consensus estimates call for mid-single digit dividend growth for the S&P 500

While share buybacks have historically comprised a larger component of capital return, dividends have been less volatile

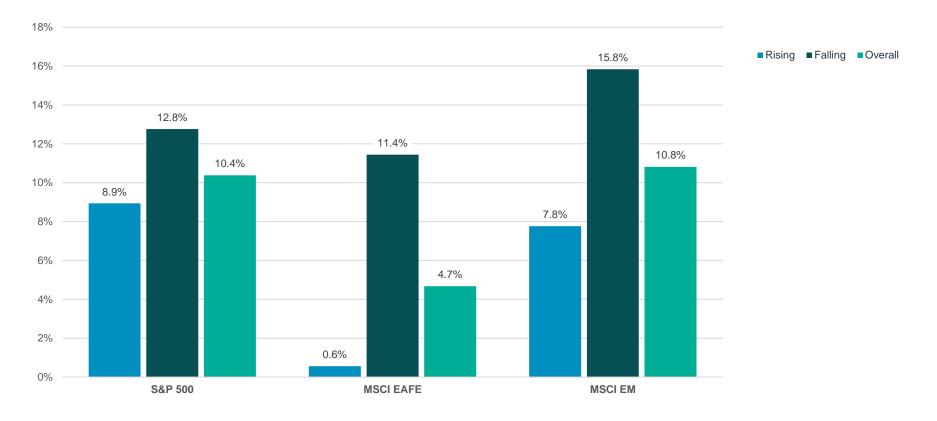


Data source: S&P Global, 01 Jan 2011 – 31 Dec 2024. Most recent data available. Performance data shown represents past performance and does not predict or guarantee future results. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

History shows that a depreciating U.S. dollar has led to solid returns for non-U.S. equity markets

However, the direction of the U.S. dollar remains uncertain pending the administration's policy decisions

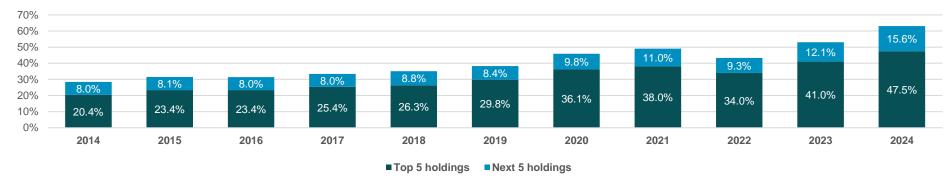
Average annual performance when the Dollar Index is rising or falling



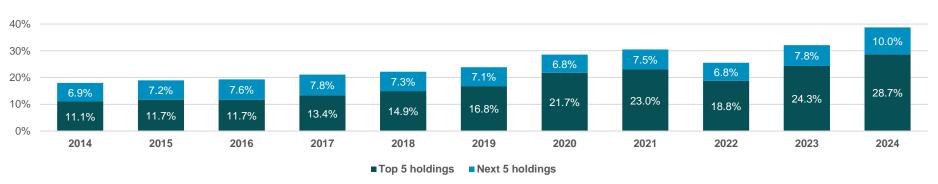
Data source: Strategas Securities, 1988 – 2024. Performance data shown represents past performance and does not predict or guarantee future results. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

The overall composition of U.S. large cap indices has grown increasingly concentrated

This is commensurate with the growing valuation disparity between market cap and equal weight



Weight of top 10 companies in the Russell 1000 Growth Index



Weight of top 10 companies in the S&P 500 Index

Data source: Nuveen as of 31 Dec 2024. Performance data shown represents past performance and does not predict or guarantee future results. The years shown represent the last trading day of the year. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Market implications What are our highest conviction equity views?

Our views on the best relative equity opportunities as second quarter 2025 begins

	Less Positive	Neutral	More Positive	
Regional				
U.S.		•		
U.S. large cap growth				
U.S. large cap value		•		
U.S. small cap			•	
International developed ex U.S.				
Europe				
United Kingdom		•		Downgra from last
Japan			•	quarter
Emerging Markets		•		
China				
				Upgrade from last quarter

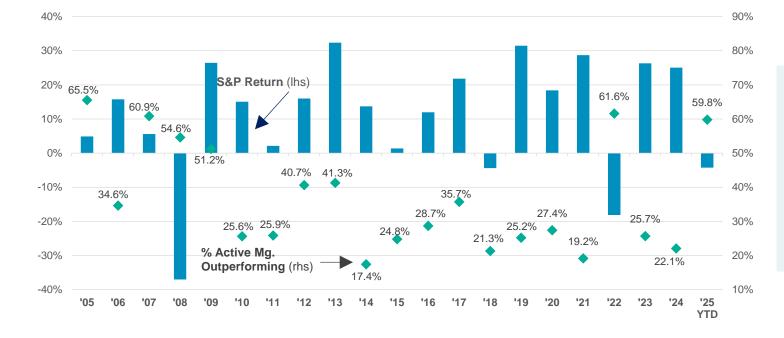
The views above are for informational purposes only and relate a comparison of the relative merits of each asset class based on the collective assessment of Nuveen's Global Investment Committee. These do not reflect the experience of any Nuveen product or service. Upgrades and downgrades reflect quarterly shifts in these views.

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Uncertainty was beneficial for U.S. large cap active management in Q1 2025

The strong showing can be partially attributed to the sell off in the Magnificent 7 stocks

Annual S&P 500 performance vs. % of active managers outperforming

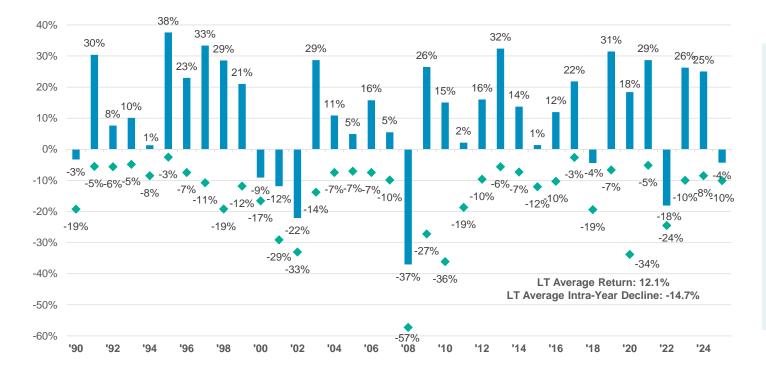


This marks the highest percentage of outperformance since 2022, when ~62% of managers outperformed over the full year.

Source: Strategas, FactSet, total return data as of 31 Mar 2025. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Market implications Since 1990, in any given year, the average intra-year decline is -14.7%

S&P 500 calendar year return vs. largest intra-year decline



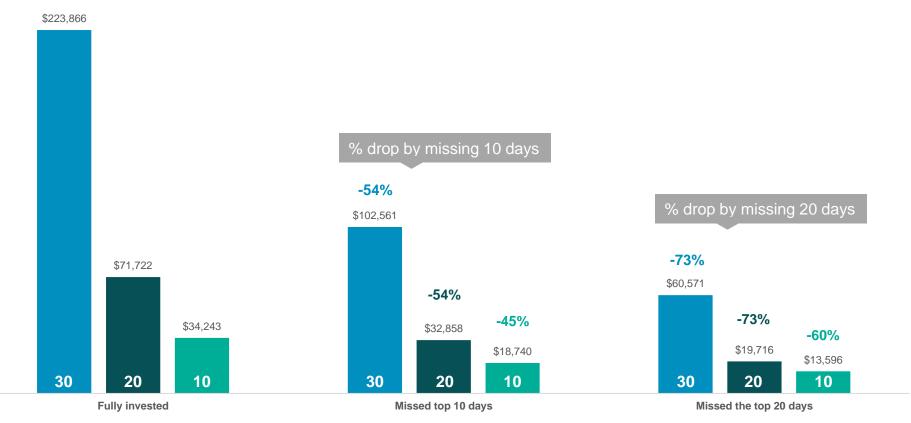
"Far more money has been lost by investors trying to anticipate corrections, than lost in the corrections themselves." Peter Lynch, Investor and Author

Source: Strategas, FactSet, total return data as of 31 Mar 2025. OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

Market implications Staying invested has paid off

The pain of missing out

Growth of \$10,000 in the S&P 500 Index (10, 20 and 30 years)



Data source: Factset, 31 Dec 2024. Most recent data available. Performance data shown represents past performance and does not predict or guarantee future results. Data do not represent the past performance of any Nuveen product or service.

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Market implications Markets recover with time

In 84 of 91 market declines, the recovery was less than one year.

Historical equity market drawdowns and subsequent recoveries (1937 - 2024)

[Drawdow	vn	Occurrences	Average recovery time (months)
-5%	to	-10%	58	1.4
-10%	to	-20%	21	3.4
-20%	to	-30%	5	12.1
-30%	to	-40%	3	11.2
-40%	to	-50%	2	35.3
-50%	+		2	56.2

Data source: Factset, 31 Dec 2024. Most recent data available **Performance data shown represents past performance and does not predict or guarantee future results.** Average recovery time portrays the market trough until it reaches the previous market peak.

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Outlook

Best ideas

- We continue to find select opportunities with companies that exhibit strong fundamentals, including pricing power, that can help overcome inflation and defend free cash flow margins.
- We prefer U.S. large cap, particularly dividend growers, along with global infrastructure and high-quality across all styles, and continue to be constructive on select areas within U.S. small cap.
- Outside of the U.S., we continue to see select opportunities within Europe and Japan, but are increasingly cautious towards other developed and emerging markets until we see economic and investment conditions improve.

Risks to consider

- Tariffs and the threat of an escalating trade war.
- Central banks around the world continue to respond to volatile economic data, leading to increased risks about market outcomes.
- Increasing margin pressure, combined with tight financial conditions, is increasing the potential for earnings contraction.
- Intermediate- and long-terms risks include conflicts in Ukraine and Israel/Middle East, a new Cold War emerging between Russia/China and the West, leading to increased defense spending and deglobalization.

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Dividend policy description: The performance of each group is based on the equal-weighted geometric average of dividend-paying and non-dividend paying historical S&P 500® stocks, rebalanced monthly. Each stock's dividend policy is determined on a rolling 12-month basis. For example, a stock is classified as dividend-paying if it paid a cash dividend at any time during the previous 12 months. A stock is reclassified only if its dividend payments change. Dividend growers and initiators include stocks that raised their existing dividend or initiated a new dividend during the preceding 12 months. Dividend cutters or eliminators include stocks that lowered their existing dividend or stopped paying regular dividends during the preceding 12 months. The returns do not reflect the deduction of any fees, expenses or taxes that would reduce performance in an actual client portfolio. Returns for stocks that paid dividends assume reinvestment of all income. It is not possible to invest in an index. These groups have been determined by Ned Davis Research, Inc. All rights reserved.

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