

CIO VIEWS: STRATEGY AND PORTFOLIO CONSTRUCTION

Why munis can thrive in 2025

Bottom line up top

"Higher for longer" as economy looks stronger. Although financial markets spent most of last year continuing their rebound from inflationary, rate-driven volatility that began in 2022, investor sentiment and market expectations for the path of inflation and interest rates took a turn in the "wrong" direction as 2024 came to a close. Since September, when the Federal Reserve implemented the first rate cut of its current easing cycle, Treasury yields have risen steadily. This market weakness, reflecting concerns about sticky inflation and anticipated fiscal policy shifts from the incoming presidential administration, has recently been amplified by the return of a "good news is bad news" mantra in response to resilient U.S. economic data. Last week's employment-heavy economic calendar painted an upbeat picture of the labor market: abundant jobs, stable unemployment and healthy wage growth — enough good news to send the 10-year yield to 4.76% to end the week, its highest level since November 2023 (4.77%). And looking ahead, markets are now more hawkish about policy rates in the coming year (Figure 1), pricing in just one 25 bps Fed cut in 2025, down from four only a few weeks ago.

Tariffs and tax cuts and deficits – **oh my!** The "last mile" of the journey to bring inflation down to the Fed's 2% target has proved to be about as long and winding as the yellow brick road, with some potentially treacherous footing. Given this landscape, we're monitoring three key policy themes in the early months of 2025 amid the shift in U.S. political leadership: (1) tax cuts; (2) higher tariffs; and (3) deregulation. These priorities have the potential to reignite inflation, further complicating the Fed's ability to cut rates and possibly



Saira Malik, CFA Head of Nuveen Equities and Fixed Income, Chief Investment Officer

On behalf of Nuveen's Global Investment Committee

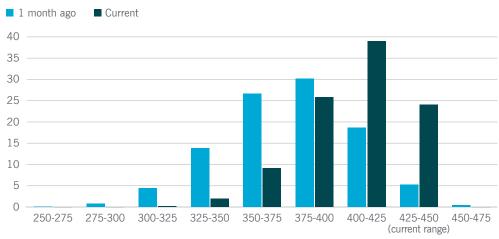
As Head of Equities and Fixed Income, Nuveen's CIO and leader of our Global Investment Committee, Saira drives market and investment insights, delivers client asset allocation views and brings together the firm's most senior investment leaders to deliver our best thinking and actionable investment ideas. In addition, she chairs Nuveen's Equities Investment Council and is a portfolio manager for several key investment strategies.

OPINION PIECE. PLEASE SEE IMPORTANT DISCLOSURES IN THE ENDNOTES.

presenting some wicked headwinds for financial markets. U.S. equities in particular, where valuations are at a premium and market leadership remains concentrated in interest rate-sensitive technology stocks, may be especially vulnerable. Despite these concerns, however, we see opportunities for investors to take advantage of the current higher-for-longer rate environment to generate attractive levels of current income from some historically reliable sources, including municipal bonds.

FIGURE 1: RATE EXPECTATIONS RISE AS HOPES FOR FED CUTS WANE

Market-implied fed funds target rate upper limit probabilities for 2025 (%)



Data source: CME FedWatch, as of 10 Dec 2024 and 10 Jan 2025. Data depicts the implied percentage probabilities of the upper range of the fed funds rate in basis points based on interest rate markets as calculated by the CME Group.

Portfolio considerations

Municipal bonds finished 2024 in positive territory, led by high yield munis, which gained +6.6% for the year. Investment grade municipals were up +1.1%. (Returns based on respective Bloomberg municipal bond total return indexes.) Attractive income levels and tighter credit spreads drove these positive results, while rising intermediate- to long-term interest rates acted as a drag. Looking ahead, we see five key municipal market themes for 2025:

- 1. Taxes remain in the spotlight. We expect a legislative push to extend key provisions of the 2017 Tax Cuts and Jobs Act, including the current marginal tax rate levels for high-income earners and the cap on deductions for state and local taxes. Additionally, municipal bonds should retain their tax- exempt status given their importance in financing local infrastructure.
- **2. Valuation tailwinds persist.** Credit spreads are a commonly used valuation metric. Over the past two decades, the risk of wider credit spreads (generally implying a deterioration in creditworthiness) has been associated with liquidity events or contagion. In contrast, current credit

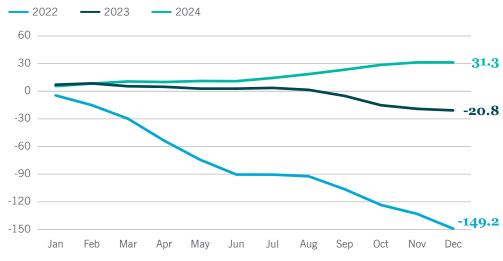
Ongoing inflationary pressures are likely to limit U.S. Federal Reserve rate cuts this year.

conditions look sound, and contagion risks are not a pressing concern. This environment is conducive to continued spread tightening in high yield municipals, which could lead to increased capital appreciation potential.

- **3.** Elevated muni supply continues. Municipal bond supply rebounded in 2024 after tepid issuance levels during the prior two years. Supply should be abundant in 2025 as well, possibly reaching \$500 billion, due to ongoing infrastructure needs and refunding volume. We anticipate municipal supply to be more diversified this year, with more high yield issuance to address infrastructure needs, especially in areas of strong population growth.
- **4. Demand also remains strong.** Net flows into muni funds improved in 2024, and we see room for further acceleration. The +\$31.3 billion of inflows through November 2024 haven't yet offset the combined -\$170 billion in outflows in 2022 and 2023, when investors pulled out of muni funds in response to the Fed's aggressive rate hikes (Figure 2). The prospect of additional rate cuts (albeit on a slow trajectory), combined with a resilient U.S. economy, favors a steeper muni yield curve that boosts demand for long-duration municipal bonds from investors currently sitting on cash.
- **5. Muni credit strength endures.** Through the second quarter of 2024, municipal credit rating upgrades continued to outpace downgrades by a 3 to 1 margin, according to Moody's Ratings. Looking forward, we expect the pace of upgrades to slow and for muni credit fundamentals to remain stable bolstered by healthy revenues and record funding of reserves for state and local governments making municipal credit well-positioned to weather potential economic downturns.

FIGURE 2: MUNI FLOWS HAVE STARTED TRENDING IN A POSITIVE DIRECTION

Cumulative annual net flows (\$ billions)



Data sources: Morningstar Direct, 01 Jan 2022 to 30 Nov 2024. Data reflects cumulative mutual fund flows for each calendar year, shown monthly,

Valuations, fundamentals and supply/demand dynamics all look positive for munis in 2025.

About Nuveen's Global Investment Committee

Nuveen's Global Investment Committee (GIC) brings together the most senior investors from across our platform of core and specialist capabilities, including all public and private markets.

Regular meetings of the GIC lead to published outlooks that offer:

- macro and asset class views that gain consensus among our investors
- insights from thematic "deep dive" discussions by the GIC and guest experts (markets, risk, geopolitics, demographics, etc.)
- · guidance on how to turn our insights into action via regular commentary and communications

For more information, please visit nuveen.com.

Endnotes

All market and economic data from Bloomberg, FactSet and Morningstar.

This material is not intended to be a recommendation or investment advice, does not constitute a solicitation to buy, sell or hold a security or an investment strategy, and is not provided in a fiduciary capacity. The information provided does not take into account the specific objectives or circumstances of any particular investor, or suggest any specific course of action. Investment decisions should be made based on an investor's objectives and circumstances and in consultation with his or her financial professionals.

The views and opinions expressed are for informational and educational purposes only as of the date of production/writing and may change without notice at any time based on numerous factors, such as market or other conditions, legal and regulatory developments, additional risks and uncertainties and may not come to pass. This material may contain "forward-looking" information that is not purely historical in nature.

Such information may include, among other things, projections, forecasts, estimates of market returns, and proposed or expected portfolio composition. Any changes to assumptions that may have been made in preparing this material could have a material impact on the information presented herein by way of example. Performance data shown represents past performance and does not predict or guarantee future results. Investing involves risk; principal loss is possible.

All information has been obtained from sources believed to be reliable, but its accuracy is not guaranteed. There is no representation or warranty as to the current accuracy, reliability or completeness of, nor liability for, decisions based on such information

and it should not be relied on as such. For term definitions and index descriptions, please access the glossary on nuveen.com. Please note, it is not possible to invest directly in an index.

Important information on risk

All investments carry a certain degree of risk and there is no assurance that an investment will provide positive performance over any period of time. Equity investing involves risk. Investments are also subject to political, currency and regulatory risks. These risks may be magnified in emerging markets. Debt or fixed income securities are subject to market risk, credit risk, interest rate risk, call risk, derivatives risk, dollar roll transaction risk and income risk. As interest rates rise, bond prices fall. Investing in municipal bonds involves risks such as interest rate risk, credit risk and market risk. The value of the portfolio will fluctuate based on the value of the underlying securities. There are special risks associated with investments in high yield bonds, hedging activities and the potential use of leverage. Portfolios that include lower rated municipal bonds, commonly referred to as "high yield" or "junk" bonds, which are considered to be speculative, could heighten the credit and investment risk

This information should not replace an investor's consultation with a financial professional regarding their tax situation. Nuveen is not a tax advisor. Investors should contact a tax professional regarding the appropriateness of tax-exempt investments in their portfolio. If sold prior to maturity, municipal securities are subject to gain/losses based on the level of interest rates, market conditions and the credit quality of the issuer. Income may be subject to the alternative minimum tax (AMT) and/or state and local taxes, based on the state of residence. Income from municipal bonds held by a portfolio could be declared taxable because of unfavorable changes in tax laws, adverse interpretations by the Internal Revenue Service or state tax authorities, or noncompliant conduct of a bond issuer. It is important to review your investment objectives, risk tolerance and liquidity needs before choosing an investment style or manager.

Nuveen, LLC provides investment services through its investment specialists.

This information does not constitute investment research as defined under MiFID.