

Before the Bell

An Ameriprise Investment Research Group Publication

March 19, 2025

Starting the Day

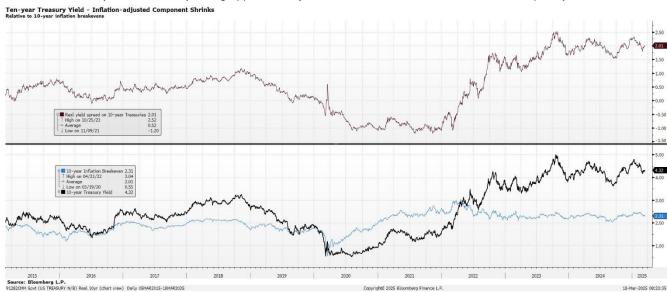
- U.S. futures are pointing to a slightly higher open as the market awaits direction from today's FOMC meeting.
- European markets edged lower at midday.
- Asian markets mainly ended mixed on Wednesday.
- Yesterday, Vladimir Putin reportedly agreed to limit attacks on Ukrainian energy infrastructure as the U.S. and Russia agreed to immediately enter negotiations in the Middle East regarding a maritime ceasefire in the Black Sea.
- 10-year Treasury yield at 4.29%, about 25 basis points lower from the beginning of the year.
- Commodities were trending higher on Tuesday amid renewed tensions in the Middle East following Israel's recent launch of airstrikes across Gaza.
- West Texas Intermediate (WTI) oil is trading at \$66.47.
- Gold is trading at \$3,035.80, up approximately 15% on a year-to-date basis.

Market Perspectives

Stephen Tufo, Director -Fixed Income Research

Prime time for investment-grade corporate bonds: When heightened volatility and economic uncertainty peaked in past market cycles, investment-grade corporate bonds were generally an attractive investment option for investors seeking to avoid risk and earn current income. Furthermore, given that the current risk-free rate, i.e., U.S. Treasuries, is north of a 4% yield, we believe the opportunity to preserve capital and stay ahead of inflation exists in U.S. investment-grade corporate bonds without assuming equity-like risk.

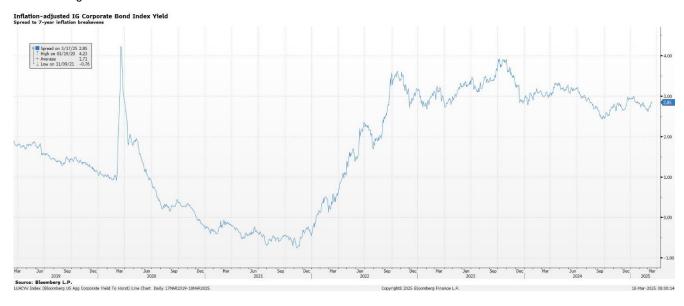
As illustrated in the charts below, the current interest rate environment for fixed-income investors remains relatively attractive, with 10-year treasuries yielding approximately 2.01% more than the inflation rate. Consequently, we view current



NOTE: FOR IMPORTANT DISCLOSURES, INCLUDING POSSIBLE CONFLICTS, PLEASE SEE THE DISCLOSURE PAGES AT THE END OF THIS DOCUMENT.

fixed-income market conditions as attractive for investors to consider investment grade bonds, given that over the last decade, the 10-year U.S. Treasury real yield, after adjusting for inflation, has averaged just 0.51% over the inflation rate, substantially lower than current market dynamics support.

Furthermore, the opportunity to layer additional return on top of the risk-free rate currently exists in U.S. investment-grade corporate bonds, with investment-grade bonds yielding 0.84% more than U.S. treasuries and approximately 2.85% more than the inflation rate (see chart below). Unlike high-yield bonds, investment-grade bonds generally realize relatively low default rates even during periods of economic contraction. As such, we expect this relationship to continue even if the U.S. economy falls into a recession or if the broader markets sell off for secular reasons. While we believe high-yield bonds are relatively well positioned due to their limited near-term refinance risk, we would expect them to be more subject to price deterioration during periods of inflated volatility, potentially negatively impacting total returns to a greater degree than investment-grade bonds.



As calculated by Moody's Investors Service in the chart below, the cumulative 5-year default rate for triple-B-rated corporate issuers was 1.38%, and just 0.68% for single-A and 0.28% for double-A-rated issuers based on historical data since 1983. To put that in perspective, double-B and single-B-rated high-yield issuers had a 7.81% and 19.88% propensity to default over a similar five-year period. Consequently, given the uncertain economic and market environment, investors should consider investment-grade corporate bonds in lieu of higher-risk assets to preserve capital while potentially generating returns above the inflation rate.

Cumulative Corporate Default Rates

Average cumulative issuer-weighted	global default rate	s by letter rating	1983-2024

			, ,			•	0.													
Rating\Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Aaa	0.00%	0.01%	0.01%	0.03%	0.06%	0.09%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%
Aa	0.02%	0.06%	0.10%	0.18%	0.28%	0.37%	0.45%	0.52%	0.59%	0.66%	0.75%	0.85%	0.95%	1.01%	1.08%	1.14%	1.22%	1.33%	1.49%	1.62%
A	0.05%	0.15%	0.32%	0.48%	0.68%	0.91%	1.14%	1.38%	1.61%	1.84%	2.07%	2.28%	2.52%	2.80%	3.12%	3.45%	3.75%	4.06%	4.32%	4.59%
Baa	0.16%	0.41%	0.71%	1.04%	1.38%	1.72%	2.05%	2.42%	2.80%	3.20%	3.61%	4.05%	4.52%	4.96%	5.37%	5.81%	6.27%	6.66%	7.02%	7.33%
Ba	0.87%	2.40%	4.19%	6.06%	7.81%	9.45%	10.96%	12.35%	13.73%	15.14%	16.43%	17.69%	18.83%	19.93%	21.14%	22.22%	23.19%	24.06%	24.89%	25.37%
В	3.08%	7.41%	11.91%	16.09%	19.88%	23.30%	26.33%	29.01%	31.44%	33.56%	35.50%	37.36%	39.20%	40.99%	42.56%	44.08%	45.42%	46.71%	47.84%	49.01%
Caa-C	8.97%	16.14%	22.38%	27.76%	32.56%	36.61%	39.91%	42.83%	45.59%	47.94%	50.06%	51.52%	52.69%	53.48%	54.36%	55.41%	56.03%	56.63%	57.55%	58.43%
IG	0.09%	0.23%	0.42%	0.63%	0.85%	1.08%	1.31%	1.55%	1.79%	2.03%	2.28%	2.53%	2.80%	3.06%	3.33%	3.60%	3.88%	4.14%	4.39%	4.62%
SG	4.19%	8.43%	12.48%	16.10%	19.31%	22.11%	24.51%	26.61%	28.56%	30.31%	31.89%	33.34%	34.70%	35.98%	37.21%	38.39%	39.41%	40.36%	41.25%	41.97%
All	1.71%	3.40%	4.96%	6.31%	7.47%	8.45%	9.28%	10.01%	10.66%	11.26%	11.80%	12.31%	12.79%	13.25%	13.70%	14.13%	14.53%	14.91%	15.26%	15.56%

Source: Moody's Ratings

While credit defaults represent the ultimate risk to capital preservation for corporate bondholders, corporate bonds are also subject to mark-to-market pricing adjustments driven by various factors, including overall market volatility and changes in economic cycles. Since volatility is a measure of implied market risk, mark-to-market pricing on corporate bonds is generally negatively impacted by periods of heightened volatility, as currently exists. Furthermore, in our experience, high-yield bonds are more negatively correlated to market volatility than investment-grade bonds in periods of high volatility, as risk-based assets are more negatively impacted by periods of economic and market stress. As risk factors increase, we expect bond

prices to be negatively impacted in proportion to underlying risk profiles. Consequently, since market volatility, as measured by the Chicago Board Options Exchange Volatility Index (VIX), remains inflated and will likely be for the foreseeable future, we would favor investment-grade bonds over high-yield bonds through the current market cycle due to investment-grade issuer's ability to remain more resilient to macro challenges than high yield issuers.

As such, investment-grade issuers generally maintain a higher degree of financial flexibility, including higher debt service coverage, more robust free cash flow generation, and more consistent access to the capital markets than high-yield issuers. We recognize that in periods of economic expansion and lower volatility, investors may consider overweighting high-yield bonds, but given current market dynamics, we would expect investment-grade bonds to outperform high-yield bonds over the next six to twelve months as geopolitical, economic, and public policy-related uncertainties are likely to remain elevated. Please see the Ameriprise Corporate Bond Recommended List for more information regarding investment-grade bonds.

U.S. Premarket Indicators / Overnight International Market Activity

United States:

Here is a quick market update to start your morning:

- **U.S. equity markets are pointing to a modestly higher open.** The S&P 500 index is up about 0.3% in premarket trading following yesterday's 1.0% sell-off in the S&P that was predominantly led by technology stocks.
- The Federal Reserve will conclude its two-day policy meeting today, with Fed rate policy widely expected to remain unchanged. In recent weeks, Fed Chairman Jerome Powell has advocated a patient approach, downplaying the need for a policy shift. The markets will also be looking for Powell's insight regarding the potential impact the U.S.-imposed trade tariffs may have on the domestic economy.
- During NVIDIA's annual GPU Tech Conference yesterday, CEO Jensen Huang highlighted several company initiatives
 during his keynote address, including plans for more powerful chips, an AI model for robotic applications, and working
 with hardware manufacturers to develop new personal supercomputer systems targeted at developers. Huang's
 comments fell short of raising investor sentiment, with NVIDIA (NVDA) trading down 3.4% yesterday.

Europe:

European equity markets are trading modestly lower at mid-day, with the Euro Stoxx 600 index down about 0.1% and Germany's DAX down roughly 0.3% as German lawmakers voted to allow debt financing provisions to increase national spending on defense and create a 500 billion euro climate and infrastructure fund. If the DAX closes down it would end three consecutive days of gains with the index up roughly 17% year-to-date.

Asia-Pacific:

Asia-Pacific equity markets finished mixed on Wednesday, with mainland China stocks flat following a sell-off in technology stocks on Tuesday. Japan's Nikkei 225 Index was down .25%, while Hong Kong's Hang Seng Index was roughly unchanged. Gold hit a record high, trading at \$3,039.12 in Asia-Pacific markets as geopolitical, global trade and economic uncertainties persist.

This space was intentionally left blank.

WORLD CAPITAL MARKETS

3/19/2025	As of: 8	3:30 AM I	ET								
Americas	% chg.	% YTD	Value	Europe (Intra-day)	% chg.	%YTD	Value	Asia/Pacific (Last Night)	% chg.	%YTD	Value
S&P 500	-1.1%	-4.3%	5,614.7	DJSTOXX 50 (Europe)	0.1%	12.5%	5,491.2	Nikkei 225 (Japan)	-0.2%	-5.3%	37,751.9
Dow Jones	-0.6%	-1.9%	41,581.3	FTSE 100 (U.K.)	-0.2%	7.2%	8,683.7	Hang Seng (Hong Kong)	0.1%	24.4%	24,771.1
NASDAQ Composite	-1.7%	-9.2%	17,504.1	DAX Index (Germany)	-0.5%	16.9%	23,271.6	Korea Kospi 100	0.6%	10.2%	2,628.6
Russell 2000	-0.9%	-7.8%	2,049.9	CAC 40 (France)	0.2%	10.3%	8,132.9	Singapore STI	0.3%	3.4%	3,908.3
Brazil Bovespa	0.5%	9.3%	131,475	FTSE MIB (Italy)	0.1%	15.8%	39,573.7	Shanghai Comp. (China)	-0.1%	2.2%	3,426.4
S&P/TSX Comp. (Canada)	-0.3%	0.5%	24,706.1	IBEX 35 (Spain)	-0.1%	15.6%	13,339.3	Bombay Sensex (India)	0.2%	-3.2%	75,449.1
Russell 3000	-1.1%	-4.6%	3,194.8					S&P/ASX 200 (Australia)	-0.4%	-2.7%	7,828.3
Global	% chg.	% YTD	Value	Developed International	% chg.	%YTD	Value	Emerging International	% chg.	%YTD	Value
MSCI All-Country World Idx	-0.1%	0.1%	839.0	MSCI EAFE	-0.2%	11.3%	2,506.7	MSCI Emerging Mkts	-0.2%	6.8%	1,143.1
Note: International market return	s shown on a	a local curre	ncy basis. The	equity index data shown abov	e is on a <u>t</u>	otal retur	n basis, inclu	sive of dividends.			
S&P 500 Sectors	% chg.	% YTD	Value	Equity Income Indices	% chg.	% YTD	Value	Commodities			
Communication Services	-2.1%	-5.2%	323.3	JPM Alerian MLP Index	0.0%	11.0%	326.9	Futures & Spot (Intra-day)	% chg.	% YTD	Value
Consumer Discretionary	-1.9%	-15.7%	1,541.3	FTSE NAREIT Comp. TR	-0.4%	2.5%	25,725.7	CRB Raw Industrials	-0.1%	5.5%	570.9
Consumer Staples	-1.3%	2.2%	868.4	DJ US Select Dividend	-0.4%	2.2%	3,578.9	NYMEX WTI Crude (p/bbl.)	-0.1%	-6.8%	66.8
Energy	0.2%	6.7%	693.2	DJ Global Select Dividend	-0.2%	11.0%	246.2	ICE Brent Crude (p/bbl.)	-0.1%	-5.5%	70.5
Financials	-0.1%	1.5%	813.7	S&P Div. Aristocrats	-0.5%	2.2%	4,676.8	NYMEX Nat Gas (mmBtu)	2.6%	14.4%	4.2
Health Care	0.1%	6.8%	1,707.0					Spot Gold (troy oz.)	0.1%	15.7%	3,037.2
Industrials	-0.8%	0.1%	1,113.6					Spot Silver (troy oz.)	-0.5%	17.1%	33.8
Materials	-0.1%	3.4%	545.1	Bond Indices	% chg.	% YTD	Value	LME Copper (per ton)	0.5%	13.9%	9,852.8
Real Estate	-0.6%	3.1%	262.2	Barclays US Agg. Bond	0.1%	2.3%	2,239.7	LME Aluminum (per ton)	-1.4%	5.6%	2,667.2
Technology	-1.6%	-10.7%	4,112.8	Barclays HY Bond	0.0%	1.2%	2,715.8	CBOT Corn (cents p/bushel)	-0.3%	-1.8%	457.5
Utilities	-0.7%	4.0%	397.2					CBOT Wheat (cents p/bushel)	-0.4%	0.1%	563.0
Foreign Exchange (Intra-day)	% chg.	% YTD	Value		% chg.	% YTD	Value		% chg.	% YTD	Value
Euro (€/\$)	-0.3%	5.4%	1.09	Japanese Yen (\$/¥)	-0.3%	5.0%	149.67	Canadian Dollar (\$/C\$)	-0.2%	0.4%	1.43
British Pound (£/\$)	-0.2%	3.7%	1.30	Australian Dollar (A\$/\$)	-0.4%	2.4%	0.63	Swiss Franc (\$/CHF)	-0.2%	3.3%	0.88

Data/Price Source: Bloomberg. Equity Index data is total return, inclusive of dividends, where applicable.

Ameriprise Global Asset Allocation Committee (GAAC)

U.S. Equity Sector - 1	U.S. Equity Sector - Tactical Views											
	S&P 500 Index <u>Weight</u>	GAAC Tactical View	GAAC Tactical <u>Overlay</u>	GAAC Recommended <u>Weight</u>		S&P 500 Index <u>Weight</u>	GAAC <u>Tactical View</u>	GAAC Tactical <u>Overlay</u>	GAAC Recommended <u>Weight</u>			
Financials	13.5%	Overweight	2.0%	15.5%	Energy	3.0%	Equalweight	-	3.0%			
Consumer Staples	5.5%	Equalweight	-	5.5%	Utilities	2.3%	Equalweight	-	2.3%			
Information Technology	32.8%	Equalweight	-	32.8%	Materials	1.9%	Equalweight	-	1.9%			
Industrials	8.1%	Equalweight	-	8.1%	Real Estate	2.0%	Equalweight	-	2.0%			
Communication Services	9.4%	Equalweight	-	9.4%	Consumer Discretionary	11.5%	Equalweight	-	11.5%			
As of: January 2, 2025					Health Care	10.0%	Underweight	-2.0%	8.0%			

Index weightings represent the respective market capitalization of each sector in the S&P 500 as of 12/19/2024. The GAAC Tactical Overlay, as well as Recommended Tactical Weights, is derived from the Ameriprise Global Asset Allocation Committee (GAAC). Views are expressed relative to the Index and are provided to represent investment conviction in each region. Tactical Allocations are designed to augment Index returns over a 6-12 month time horizon. Numbers may not add due to rounding.

Global Equity F	Global Equity Regions - Tactical Views											
	MSCI All-Country World Index GAAC			GAAC Recommended		MSCI All-Country World Index	y GAAC	GAAC Tactical	GAAC Recommended			
	Weight	Tactical View	Tactical <u>Overlay</u>	<u>Weight</u>		Weight	Tactical View	Overlay	<u>Weight</u>			
United States	66.1%	Overweight	3.2%	69.3%	United Kingdom	3.0%	Equalweight	-	3.0%			
Europe ex U.K.	11.3%	Equalweight	-	11.3%	Asia-Pacific ex Japan	10.2%	Underweight	-1.0%	9.2%			
Latin America	0.8%	Equalweight	-	0.8%	Canada	2.7%	Underweight	-1.0%	1.7%			
Japan	4.7%	Equalweight	-	4.7%	Middle East / Africa	1.2%	Underweight	-1.2%	0.0%			
as of: January 2, 2025												

Index weightings are based on the regional market capitalizations of the MSCI All-Country World Index as of 12/26/2024. The GAAC Tactical Overlay, as well as the Recommended Tactical Weights, are derived from the Ameriprise Global Asset Allocation Committee (GAAC). Views are expressed relative to the Index and are provided to represent investment conviction in each region. Tactical Allocations are designed to augment Index returns over a 6-12 month time horizon. Numbers may not add due to rounding.

Last Updated: March 3, 2025

Economic News and Views:

Russell T. Price, CFA - Chief Economist

Releases for	r Wednes	sday, March 19, 2025	All times Eastern. Consensus estimates via Bloomberg						
2:00 PM	<u>Period</u> NA NA	Release FOMC Rate (upper bound) FOMC Rate (lower bound)	Consensus Est. +4.50% +4.25%	<u>Actual</u>	<u>Prior</u> +4.50% +4.25%	Revised to			

Ameriprise Econon	Ameriprise Economic Projections											
Forecast:		Full-	year					Quarterly	1			
	Actual	Actual	Est.	Est.	Actual	Actual	Actual	Actual	Est.	Est.	Est.	
	<u>2023</u>	<u>2024</u>	<u>2025</u>	2026	Q1-2024	Q2-2024	Q3-2024	Q4-2024	Q1-2025	Q2-2025	Q3-2025	
Real GDP (annualized)	2.9%	2.8%	2.4%	2.1%	1.6%	3.0%	2.8%	2.3%	1.6%	2.7%	3.1%	
Unemployment Rate	3.7%	4.1%	4.2%	4.2%	3.8%	4.1%	4.1%	4.1%	4.2%	4.2%	4.2%	
CPI (YoY)	3.4%	2.9%	2.5%	2.2%	3.5%	3.0%	2.4%	2.9%	2.4%	2.4%	2.4%	
Core PCE (YoY)	2.9%	2.8%	2.3%	2.1%	2.8%	2.6%	2.7%	2.8%	2.5%	2.3%	2.2%	

Sources: Historical data via FactSet. Estimates (Est.) via American Enterprise Investment Services Inc.

All estimates other than GDP are period ending.

Ameriprise Global Asset Allocation Committee Targets and Views

Targets			
	Favorable	Base-Case	Adverse
2025 Year-end Targets:	Scenario	Scenario	Scenario
S&P 500 Index:	7,000	6,500	5,500
10-Year U.S. Treasury Yield:	5.00%	4.25%	3.00%
Fed Funds Target Range:	4.25% to 4.50%	3.75% to 4.00%	3.25% to 3.50%

Estimates (Est.) via American Enterprise Investment Services Inc.

Please see latest Quarterly Capital Market Digest for more information. Last Updated: January 2, 2025

PCE: Personal Consumption Expenditures Price Index. Core excludes food and energy.

Global Asset Allocation Committee Views

AMERIPRISE GLOBAL ASSET ALLOCATION COMMITTEE TACTICAL ASSET CLASS VIEWS

2025 Year-end S&P 500 Target: 6,500 2025 Year-End 10-year Treasury Target: 4.25%

as of 12/30/2024

_	Overweight	Equalweight	Underweight
Equity	U.S. Large Cap Growth U.S. Large Cap Value	 U.S. Mid Cap Value U.S. Mid Cap Growth U.S. Small Cap Value U.S. Small Cap Growth 	Developed Foreign Equity Emerging Foreign Equity
S&P 500 Sectors	• Financials	Communication Services Consumer Discretionary Consumer Staples Energy Industrials Information Technology Materials Real Estate Utilities	Health Care
Global Equity Regions	United States	Europe ex U.K.JapanLatin AmericaUnited Kingdom	Middle East/Africa Asia-Pacific ex Japan Canada
Fixed Income	U.S. High Yield Bonds	U.S. Government U.S. Inv. Grade Corporates Developed Foreign Bonds	Emerging Foreign Bonds Municipal Bonds
Alternatives		Real Assets Alternative Strategies	
Cash		Cash Cash Investments	

Note: Our Tactical Allocations are designed to augment a Strategic portfolio over a 6-12-month time horizon. Asset Allocation and diversification do not ensure or guarantee better performance and do not eliminate the risk of investment losses. Investors should note that rising interest rates could have a detrimental effect on bond prices. Please consult with your financial advisor. Cash generally refers to assets, securities and/or products low in risk and highly liquid. For asset allocation purposes, instruments can include Treasury bills, certificates of deposit, money market funds and high quality bonds whose maturities are less than 3 months. Outside of asset allocation purposes, cash investments can also include illiquid cash held in a mutual fund or pledged as collateral for derivatives. You can only access this cash by redeeming the fund using it, subject to fees or time constraints associated with redemptions.

As of December 31, 2024	Rolling Returns						
Major Market Indices	QTD	1-year	3-years	5-years			
Russell 3000® Index (U.S. Equity)	2.63%	23.81%	8.01%	13.86%			
MSCI ACWI Ex USA Index - net (Foreign Equity)	-7.60%	5.53%	0.82%	4.10%			
Bloomberg U.S. Universal Bond Index (Fixed Income)	-2.73%	2.04%	-1.95%	0.06%			
Wilshire Liquid Alternative Index (Alternatives)	-1.87%	4.33%	1.50%	2.48%			
FTSE Three-Month Treasury Bill Index (Cash)	1.23%	5.45%	4.05%	2.54%			

Past performance is not a guarantee of future performance. Performance calculations use FactSet data and are as of Date.

The Ameriprise Investment Research Group

With Ameriprise Financial, you can benefit from our dedicated team of experienced investment research and due diligence professionals. Our objective market insight, strategies and guidance are designed to provide you with insight into investment strategies and solutions to help you feel more confident about your financial future. It's the higher level of sophistication and service you've come to expect from Ameriprise.

Investment Research

Leader

John C. Simmons, CFA

Strategists

Chief Market Strategist

Anthony M. Saglimbene

Thomas Crandall, CFA, CFP®, CMT, CAIA Vice President - Asset allocation

Jun Zhu, CFA, CAIA

Sr. Analyst – Quantitative, Asset allocation

Sumit Chugh, CFA Sr. Manage.

Amit Tiwari, CFA Sr. Associate I

Chief Economist

Russell T. Price, CFA

Equity Research

Justin H. Burgin

Vice President

Patrick S. Diedrickson, CFA Director - Consumer goods and services

William Foley, ASIP

Director – Energy and utilities

Lori Wilking-Przekop Sr. Director - Financial services and REITs

Chris Macino

Frederick M. Schultz

Sr. Director - Industrials and materials

Andrew R. Heaney, CFA

Director - Technology and Communication

Bishnu Dhar

Sr. Analyst - Quantitative strategies and

Research Support

Jillian Willis

Sr Administrative Assistant

Kimberly K. Shores

Investment Research Coordinator

Jeff Carlson, CLU®, ChFC®, RICP®,

CRPC™

Business Risk Manager

Manager Research

Michael V. Jastrow, CFA

ETFs, CEFs, UITs

Jeffrey R. Lindell, CFA

Alex Narum

Sagar Batra

Alternatives

Justin E. Bell, CFA

Kay S. Nachampassak

Quantitative research

Kurt J. Merkle, CFA, CFP®, CAIA

Vice President

Peter W. LaFontaine

Sr Analyst

Gaurav Sawhney

Analyst II

Ryan Elvidge, CFA

Matthew Burandt

Analyst II

Parveen Vedi

Sr. Associate

Harish Chauhan

Ankit Srivastav Lead Business Analyst

Pulkit Kumar

Sameer Asif

Associate II

Equities

Benjamin L. Becker, CFA

Sr Director - International and global equity

Cynthia Tupy, CFA

Director - Value and equity income equity

Andrew S. Murphy, CFA

Analyst II - Core equity

Teneshia Butler

Analyst II - Growth equity

Kuldeep Rawat

Sr Associate I

Multi-Asset and Fixed income

Mark Phelps, CFA

Sr. Director - Multi-asset solutions

Josh Whitmore, CFA

Lukas Leijon

Sr Associate II - Fixed Income

Diptendu Lahiri

Associate I - Fixed Income

Fixed Income Research

Brian M. Erickson, CFA

Jon Kyle Cartwright

Sr Director - High yield and investment grade

Stephen Tufo

Director - High yield and investment grade

credit

The content in this report is authored by American Enterprise Investment Services Inc. ("AEIS") and distributed by Ameriprise Financial Services, LLC ("AFS") to financial advisors and clients of AFS. AEIS and AFS are affiliates and subsidiaries of Ameriprise Financial. Inc. Both AEIS and AFS are broker-dealer member firms registered with FINRA and are subject to the objectivity safeguards and disclosure requirements relating to research analysts and the publication and distribution of research reports. The "Important Disclosures" below relate to the AEIS research analyst(s) that prepared this publication. The "Disclosures of Possible Conflicts of Interest" section, where applicable, relates to the conflicts of interest of each of AEIS and AFS, their affiliates and their research analysts, as applicable, with respect to the subject companies mentioned in the report.

Each of AEIS and AFS have implemented policies and procedures reasonably designed to ensure that its employees involved in the preparation, content and distribution of research reports, including dually registered employees, do not influence the objectivity or timing of the publication of research report content. All research policies, coverage decisions, compensation, hiring and other personnel decisions with respect to research analysts are made by AEIS, which is operationally independent of AFS.

Important Disclosures As of December 31, 2024

The views expressed regarding the company(ies) and sector(s) featured in this publication reflect the personal views of the research analyst(s) authoring the publication. Further, no part of research analyst compensation is directly or indirectly related to the specific recommendations or views contained in this publication.

A part of a research analyst's compensation may be based upon overall firm revenue and profitability, of which investment banking, sales and trading, and principal trading are components. No part of a research analyst's compensation is based on a specific investment banking transaction, nor is it based on sales, trading, or principal trading. A research analyst may have visited the material operations of one or more of the subject companies mentioned in this research report. No payment was received for the related travel costs.

Additional information and current research disclosures on individual companies mentioned in this research report are available on our website at ameriprise.com/legal/disclosures in the Additional Ameriprise research disclosures section, or through

your Ameriprise financial advisor. You may also submit a

written request to Ameriprise Financial, Inc., 1441 West Long Lake Road, Troy MI, 48098. Independent third party research on individual companies is available to clients at ameriprise.com/research-market-insights/. SEC filings may be viewed at sec.gov.

Tactical asset class recommendations mentioned in this report reflect The Ameriprise Global Asset Allocation Committee's general view of the financial markets, as of the date of the report, based on then current conditions. Our tactical recommendations may differ materially from what is presented in a customized long-term financial plan or portfolio strategy. You should view our recommendations in conjunction with a broader long-term portfolio strategy. Not all products, services, or asset classes mentioned in this report may be available for sale at Ameriprise Financial Services, LLC. Please consult with your financial advisor.

Risk Factors

Alternative investments involve substantial risks and are more volatile than traditional investments, making them more suitable for investors with an above-average tolerance for risk.

Corporate Bonds are debt instruments issued by a private corporation. Non-Investment grade securities, commonly known as "high-yield" or "junk" bonds, are historically subject to greater risk of default, including the loss of principal and interest, than higher-rated bonds, which may result in greater price volatility than experienced with a higher-rated issue.

Investing in **derivatives** is a specialized activity that involves special risks that subject the fund to significant loss potential, including when used as leverage, and may result in greater fluctuation in fund value.

Diversification and **Asset Allocation** do not assure a profit or protect against loss.

Dividend and interest payments are not guaranteed. The amount of dividend payment, if any, can vary over time and issuers may reduce or eliminate dividends paid on securities in the event of a recession or adverse event affecting a specific industry or issuer. Should a company be unable to pay interest on a timely basis a default may occur and interruption or reduction of interest and principal occur. Investments in a narrowly focused sector may exhibit higher volatility than investments with broader objectives and is subject to market risk and economic risk.

There are risks associated with **fixed-income investments**, including bond funds, such as credit risk, interest rate risk, and prepayment and extension risk. In

general, bond prices rise when interest rates fall and vice versa. This effect is usually more pronounced for longerterm securities.

Growth securities, at times, may not perform as well as value securities or the stock market in general and may be out of favor with investors.

Income Risk: We note that dividends are declared solely at the discretion of the companies' boards of directors. Dividend cuts or eliminations will likely negatively impact underlying company valuations. Published dividend yields are calculated before fees and taxes. Dividends paid by foreign companies to ADR holders may be subject to a withholding tax which could adversely affect the realized dividend yield. In certain circumstances, investors in ADR shares have the option to receive dividends in the form of cash payments, rights shares or ADR shares. Each form of dividend payment will have different tax consequences and therefore generate a different yield. In some instances, ADR holders are eligible to reclaim a portion of the withholding tax.

International investing involves certain risks and volatility due to potential political, economic currency instabilities and different financial and accounting standards. Risks are enhanced for **emerging market** issuers.

Interest payments on **inflation-protected securities** may be more volatile than interest payments on ordinary bonds. In periods of deflation, these securities may provide no income.

Market Risk: Model portfolios and markets in general could sustain significant volatility due to several factors. As we have seen recently, both economic and geopolitical issues could have a material impact on this model portfolio and the equity market as a whole.

The **mutual funds** and **ETFs** included in this report are subject to specific risk factors, generally the same as those of the underlying securities and may result in a loss of the principal amount invested.

Non-investment-grade (high-yield or junk) securities present greater price volatility and more risk to principal and income than higher rated securities.

Quantitative Strategy Risk: Stock selection and portfolio maintenance strategies based on quantitative analytics carry a unique set of risks. Quantitative strategies rely on comprehensive, accurate and thorough historical data. The Ameriprise Investment Research Group utilizes current and historical data provided by third-party data

vendors. Material errors in database construction and maintenance could have an adverse effect on quantitative research and the resulting stock selection strategies.

Sector Risk: The Ameriprise Global Asset Allocation Committee and managers of this model portfolio can elect to overweight or underweight (or completely avoid) certain economic sectors. This could lead to substantial underperformance versus a more diversified or balanced weighting.

Security Recommendation Risk: The research team may not be successful in selecting securities that collectively perform better than the benchmark. When viewing return comparisons investors should keep in mind the following information. Our model portfolio generally maintains less than 50 securities, whereas benchmark indices contain several times that amount. The benchmark index is market capitalization weighted, providing greater weight to the larger company movements, whereas our model portfolio is designed to be equally dollar weighted. Furthermore, the model portfolio may deviate significantly, at times, from the sector allocation of the benchmark due to our interpretation of economic conditions and market factors as well as our security selection process.

The benchmark index returns are taken from Bloomberg Financial Markets and reflect dividends reinvested. Additionally, there is no fee or cost assumption in the index comparison return.

Investments in **small- and mid-capitalization companies** involve greater risks and volatility than investments in larger, more established companies.

The products of **technology companies** may be subject to severe competition and rapid obsolescence, and their stocks may be subject to greater price fluctuations.

Value securities may be unprofitable if the market fails to recognize their intrinsic worth or the portfolio manager misgauged that worth.

Definitions of terms

Definitions of terms mentioned in this report are available on our website at ameriprise.com/legal/disclosures/ in the Additional Ameriprise research disclosures section, or through your Ameriprise financial advisor

Index definitions

An index is a statistical composite that is not managed. It is not possible to invest directly in an index.

Definitions of individual indices mentioned in this report are available on our website at ameriprise.com/legal/disclosures/ in the Additional Ameriprise research disclosures section, or through your Ameriprise financial advisor

Disclaimer section

Except for the historical information contained herein, certain matters in this report are forward-looking statements or projections that are dependent upon certain risks and uncertainties, including but not limited to, such factors and considerations as general market volatility, global economic and geopolitical impacts, fiscal and monetary policy, liquidity, the level of interest rates, historical sector performance relationships as they relate to the business and economic cycle, consumer preferences, foreign currency exchange rates, litigation risk, competitive positioning, the ability to successfully integrate acquisitions, the ability to develop and commercialize new products and services, legislative risks, the pricing environment for products and services, and compliance with various local, state, and federal health care laws. See latest third-party research reports and updates for risks pertaining to a particular security.

This summary is based upon financial information and statistical data obtained from sources deemed reliable, but in no way is warranted by Ameriprise Financial, Inc. as to accuracy or completeness. This is not a solicitation by Ameriprise Financial Services, LLC of any order to buy or sell securities. This summary is based exclusively on an analysis of general current market conditions, rather than the appropriateness of a specific proposed securities transaction. We will not advise you as to any change in figures or our views.

Past performance is not a guarantee of future results.

Investment products are not insured by the FDIC, NCUA or any federal agency, are not deposits or obligations of, or guaranteed by any financial institution, and involve investment risks including possible loss of principal and fluctuation in value.

Third-party companies mentioned are not affiliated with Ameriprise Financial Services, LLC.

Ameriprise Financial, Inc. and its affiliates do not offer tax or legal advice. Consumers should consult with their tax advisor or attorney regarding their specific situation.

Securities offered by Ameriprise Financial Services, LLC. Member FINRA and SIPC.

This space intentionally left blank.