

Before the Bell

An Ameriprise Investment Research Group Publication

May 2, 2025

Starting the Day

- U.S. equity markets are pointing to a higher open.
- European markets are trading higher at midday.
- · Asian markets ended higher.
- The Fed has ample room to cut if necessary.
- April nonfarm payrolls grew +177k last month.
- 10-year Treasury yield at 4.27%.
- West Texas Intermediate (WTI) oil is trading at \$58.89.
- Gold is trading at \$3,273.80

Market Perspectives Anthony Saglimbene, Chief Market Strategist

The Fed meets next week — key points to consider. After an extremely busy week of earnings and economic data this week, investors will soon turn their attention, at least briefly, to the Federal Reserve. The Federal Open Market Committee meets on Tuesday and Wednesday next week. As the CME FedWatch Tool chart below shows, the committee is widely

expected to hold its policy rate steady at the conclusion of its two-day confab. Investors should expect the updated policy statement to strike a similar tone as the March statement, noting inflation remains somewhat elevated versus the Fed's target, the committee remains attentive to risks to both sides of its dual mandate, and uncertainty around the economic outlook has increased.

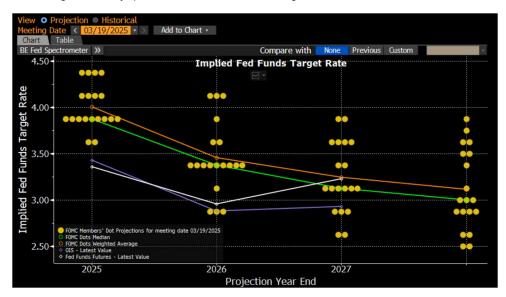
Recent speeches from Fed officials since the March meeting, including from Fed Chair Powell himself, have noted that the evolving tariff environment has increased risk to growth conditions and could put upward pressures on inflation this year. However, we believe next week's updated policy statement and comments from Fed Chair Powell in his press conference will remain guarded and largely balanced. At this stage and based on limited economic impacts from tariffs thus far, it's unlikely the Fed will tip its hand next week about revealing whether it



plans to cut its policy rate at the June meeting. Here, the *CME FedWatch Tool* suggests there is a roughly 60/40 chance the fed funds rate will be lower in June by at least 25 basis points. By the July meeting, most market participants expect the fed funds rate to be lower by "at least" 25 basis points.

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

Similarly, market odds point to a lower fed funds rate by the end of the year compared to what policymakers penciled in when they provided their forecasts in the March Summary of Economic Projections, as the *Bloomberg* chart below highlights. Since the next SEP won't be updated until the June meeting, we expect reporters to press Fed Chair Powell pretty hard in Wednesday's press conference for clues on whether he believes the Fed is soon ready to cut rates to help support growth, even if inflation isn't at target. The key question: Is June a live meeting for a rate cut?



Finally, whether in June, July, or later this year, we believe the Fed has ample room to cut its policy rate if necessary. If growth slows to levels that cause unemployment to rise and activity across the U.S. economy to stall, then we believe the Fed would likely lower rates to support growth, even if inflation isn't at the Fed's target. Of course, the committee will remain attentive to inflation pressures and tariff dynamics over the coming weeks and months. These conditions could cloud the picture for monetary policy, potentially delaying a Fed response to slower growth that could disrupt markets for a period should such a condition unfold. Yet, if unemployment is creeping higher over the coming months in response to weaker activity, we believe the Fed would look through temporary tariff pressures and cut rates to support growth. That said, if employment remains solid over the coming months and economic activity slows but doesn't stall, the Fed may be less willing to cut rates until later this year, or it sees more need to do so. As such, we expect investors will want to hear more from Powell next week about where those goalposts might lie and under what conditions would prompt further rate cuts from here or delay a Fed response.

U.S. Premarket Indicators / Overnight International Market Activity

United States:

Here is a quick news rundown to start your morning:

- Stocks are looking at a higher open. It's been a week and one that may have investors thinking that they somehow slipped into Doc Brown's DeLorean with Marty McFly and went back to 2024. The S&P 500 Index and Dow Jones Industrials Average finished Thursday's session higher for the eighth straight day. And with Big Tech moving higher after strong earnings reports from Meta Platforms and Microsoft earlier in the week, the NASDAQ Composite on Thursday had recovered everything it had lost after President Trump's reciprocal tariff announcement on April 2nd. That said, Apple and Amazon are trading lower in the premarket this morning after underwhelming earnings reports and outlooks, which could weigh on major averages at the open. Apple saw iPhone growth accelerating in the previous quarter. Still, services revenue disappointed, China growth was a weak spot, the company provided ho-hum guidance, and details were light around the tariff uncertainty. Amazon revenue during the previous quarter came in largely in line with estimates, but AWS revenue growth was a tad light, the outlook was below what analysts were looking for, and tariff uncertainty weighed on guidance, even though the company said demand has been solid across its platform. In addition, while AWS growth was light, easing capacity constraints in the second half and still strong margin expansion across the cloud business were notably positives. The S&P 500 enters the final trading day of the week higher by +1.4% WTD, with the Dow up +1.6% and the NASDAQ higher by +1.9%.
- The April employment report: The Labor Department reported net employment growth of 177,000 in April. The number was well ahead of the 135,000 expected but numbers for the prior two months were revised lower by 58,000. The unemployment rate held steady at 4.2%.

Earnings Update: With roughly 71% of S&P 500 first quarter reports complete, blended earnings per share (EPS) growth is higher by +13.0% year-over-year on revenue growth of +4.8%.

Europe:

Eurozone headline CPI remained unchanged at +2.2% y/y in April versus March. However, April Core CPI (ex-food and energy) accelerated to +2.7% y/y from +2.4% in March. Services inflation was the primary culprit in pushing CPI higher last month, partly because of the timing of the Easter holiday. Depending on how inflation conditions evolve, the European Central Bank may look through the inflation dynamics and instead be more responsive to growth dynamics based on potential fallout from U.S. tariffs.

Asia-Pacific:

British Pound $(\underline{\epsilon}/\$)$

Reports suggest China is weighing the possibility of trade talks with the U.S. However, repeated attempts by the U.S. to engage with Beijing have thus far been unsuccessful, as China's Commerce Ministry has made statements indicating it wants to see "sincerity" from the U.S. first. That "sincerity" on China's part includes lowering tariffs before discussions begin. How, who, where, and to what purpose trade discussions between the U.S. and China evolve remain unknown.

WORLD CAPITAL MARKETS

WORLD CAPITAL IVIA	KKKEIS										
5/2/2025	As of: 8	8:30 AM	ET								
Americas	% chg.	% YTD	Value	Europe (Intra-day)	% chg.	%YTD	Value	Asia/Pacific (Last Night)	% chg.	%YTD	Value
S&P 500	0.6%	-4.3%	5,604.1	DJSTOXX 50 (Europe)	1.4%	8.1%	5,234.0	Nikkei 225 (Japan)	1.0%	-6.8%	36,830.7
Dow Jones	0.2%	-3.7%	40,753.0	FTSE 100 (U.K.)	0.8%	6.3%	8,564.6	Hang Seng (Hong Kong)	1.7%	13.4%	22,504.7
NASDAQ Composite	1.5%	-8.1%	17,710.7	DAX Index (Germany)	1.7%	15.0%	22,890.7	Korea Kospi 100	0.1%	7.9%	2,559.8
Russell 2000	0.6%	-11.0%	1,975.9	CAC 40 (France)	1.5%	5.3%	7,709.6	Singapore STI	0.3%	3.4%	3,845.1
Brazil Bovespa	0.0%	12.3%	135,067	FTSE MIB (Italy)	1.1%	11.2%	38,016.6	Shanghai Comp. (China)	-0.2%	-2.2%	3,279.0
S&P/TSX Comp. (Canada)	-0.2%	1.2%	24,795.6	IBEX 35 (Spain)	0.3%	17.2%	13,332.5	Bombay Sensex (India)	0.3%	3.3%	80,502.0
Russell 3000	0.6%	-4.8%	3,183.2	MOEX Index (Russia)	#VALUE!	#VALUE!	#N/A N/A	S&P/ASX 200 (Australia)	1.1%	2.5%	8,238.0
Global	% chg.	% YTD	Value	Developed International	% chg.	%YTD	Value	Emerging International	% chg.	%YTD	Value
MSCI All-Country World Idx	0.2%	0.0%	835.2	MSCI EAFE	-0.8%	11.2%	2,481.4	MSCI Emerging Mkts	-0.1%	4.3%	1,112.0
Note: International market returns S&P 500 Sectors	shown on a	local curren	value		•	total retu % YTD	<u>rn</u> basis, inclu Value	commodities			
				Equity Income Indices	% chg.				0/	0/ VTD	Malus
Communication Services	1.6%	-4.0%	326.7	JPM Alerian MLP Index	-1.0%	-0.4%	293.3	Futures & Spot (Intra-day)	% chg.	% YTD	Value
Consumer Discretionary	1.0%	-13.2%	1,585.7	FTSE NAREIT Comp. TR	0.1%	0.8%		CRB Raw Industrials	-0.4%	3.1%	558.2
Consumer Staples	-0.8%	5.7%	895.3	DJ US Select Dividend	-0.3%	-1.5%	3,447.8	NYMEX WTI Crude (p/bbl.)	-0.8%	-18.1%	58.8
Energy	0.4%	-4.5%	619.8	DJ Global Select Dividend	0.5%	13.9%	249.9	ICE Brent Crude (p/bbl.)	-0.7%	-17.4%	61.7
Financials	-0.1%	1.3%	810.5	S&P Div. Aristocrats	-0.8%	-1.5%	4,505.3	NYMEX Nat Gas (mmBtu)	0.7%	-3.6%	3.5
Health Care	-2.8%	-0.3%	1,591.4					Spot Gold (troy oz.)	0.8%	24.4%	3,263.8
Industrials	0.7%	0.7%	1,119.2					Spot Silver (troy oz.)	-0.4%	11.7%	32.3
Materials	-0.5%	0.1%	527.2	Bond Indices	% chg.	% YTD	Value	LME Copper (per ton)	1.3%	6.8%	9,239.9
Real Estate	0.2%	2.5%	259.8	Barclays US Agg. Bond	-0.3%	2.8%	2,251.3	LME Aluminum (per ton)	1.0%	-5.2%	2,395.1
Technology	2.2%	-9.3%	4,174.0	Barclays HY Bond	0.2%	1.2%	2,715.0	CBOT Corn (cents p/bushel)	0.2%	0.9%	473.0
Utilities	0.3%	5.4%	402.2					CBOT Wheat (cents p/bushel)	1.7%	-5.2%	540.0
Foreign Exchange (Intra-day)	% chg.	% YTD	Value		% chg.	% YTD	Value		% chg.	% YTD	Value
Euro (€/\$)	0.5%	9.6%	1.13	Japanese Yen (\$/¥)	0.6%	8.7%	144.56	Canadian Dollar (\$/C\$)	0.2%	4.1%	1.38

6.2% Data/Price Source: Bloomberg. Equity Index data is total return, inclusive of dividends, where applicable.

0.1%

Ameriprise Global Asset Allocation Committee (GAAC)

U.S. Equity Sector -	Tactical V	iews/							
	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 Tactical View	GAAC Tactical Overlay	GAAC Recommended <u>Weight</u>
Financials	14.4%	Overweight	2.0%	16.4%	Consumer Staples	5.8%	Equalweight	-	5.8%
Information Technology	30.4%	Equalweight	-	30.4%	Energy	3.6%	Equalweight	-	3.6%
Consumer Discretionary	10.2%	Equalweight	-	10.2%	Utilities	2.5%	Equalweight	-	2.5%
Communication Services	9.4%	Equalweight	-	9.4%	Real Estate	2.2%	Equalweight	-	2.2%
Industrials	8.4%	Equalweight	-	8.4%	Materials	2.0%	Equalweight	-	2.0%
As of: March 31, 2025					Health Care	11.1%	Underweight	-2.0%	9.1%

0.8%

4.0%

0.64 Swiss Franc (\$/CHF)

0.8%

10.2%

0.82

1.33 Australian Dollar (A\$/\$)

Index weightings represent the respective market capitalization of each sector in the S&P 500 as of 3/31/2025. 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 Regions - Tactical Views										
MSCI All-Country		GAAC	GAAC	AC MSCI All-Country				GAAC		
	World Index	GAAC	Tactical	Recommended		World Index	GAAC	Tactical	Recommended	
	Weight	Tactical View	<u>Overlay</u>	Weight		Weight	Tactical View	<u>Overlay</u>	<u>Weight</u>	
Europe ex U.K.	13.2%	Overweight	2.0%	15.2%	Latin America	0.9%	Equalweight	-	0.9%	
United States	62.8%	Overweight	1.2%	64.0%	Middle East / Africa	1.2%	Underweight	-1.2 %	0.0%	
Japan	5.1%	Equalweight	-	5.1%	Asia-Pacific ex Japan	10.6%	Underweight	-1.0%	9.6%	
United Kingdom	3.4%	Equalweight	-	3.4%	Canada	2.8%	Underweight	-1.0%	1.8%	
as of: March 31, 2025										

Index weightings are based on the regional market capitalizations of the MSCI All-Country World Index as of 3/31/2025. 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.

Economic News and Views:

Russell T. Price, CFA - Chief Economist

Releases	for Friday	y, May 2, 2025 All times E	Eastern. Consensus e	stimates via E	Bloomberg	
Time	Period	Release	Consensus Est.	Actual	Prior	Revised to
8:30 AM	APR	Change in Nonfarm Payrolls	+135k	+177k	+228k	+185k
8:30 AM	AFK	Two-Month Payroll Net Revision	+135K	-58k	∓∠∠oK	TIOUK
8:30 AM	APR	Change in Private Payrolls	+122K	+167k	+209k	+170k
8:30 AM	APR	Change in Manufacturing Payrolls	-5k	-1k	+1K	+3k
8:30 AM	APR	Unemployment Rate	4.2%	4.12	4.2%	
8:30 AM	APR	Average Hourly Earnings (MoM)	+0.3%	+0.2%	+0.3%	
8:30 AM	APR	Average Hourly Earnings (YoY)	+3.9%	+3.8%	+3.8%	
8:30 AM	APR	Average Work Week	34.2	34.3	34.2	34.3
8:30 AM	APR	Labor Force Participation	62.5%	62.6%	62.5%	
10:00 AM	MAR	Factory Orders	+4.5%		+0.6%	

Commentary:

- The U.S. economy generated 177,000 net new jobs last month. The number was 42,000 above consensus estimates, but numbers for the prior two months were revised lower by a combined 58,000.
 Monthly Employment Change and Unemployment Rate
 Change in Nonfarm Payrolls, SA (,000)(left scale)
- The Unemployment Rate held steady at 4.2%
- Behind the headline numbers: Overall, job growth was well distributed. The Manufacturing sector, which shed 1,000 jobs, the retail sector (-2,000) and government (-9,000) were the only primary sectors to see total employment decline.
- Hiring in the Leisure and Hospitality sector was solidly positive (+24,000) in the month which comes as somewhat of a healthy surprise given the recent cautious comments from companies participating on the sector.
- On a 3-month moving average basis job growth was 155,000 while on a 6-month average basis the number was +193,000 in reflection of the strong gains seen in Q4-2024.
- Early market reaction to the report has been positive. Prior to the release, equity Index futures were looking for a gain of about 0.4%. Ten minutes after the release premarket indicators were looking for a +0.8% increase.
- Average hourly earnings were 3.8% above year-ago levels last month. This is generally in line with the metric's recent trends, and generally suggests little upward inflation pressure from wages.
- The charts at right and below are sourced from FactSet and HAVE been updated to reflect today's release.
- How many jobs does the U.S. economy NEED to generate? Each month, the Labor Department reports the number
 net new jobs created in the prior month. In evaluating the results, the numbers are compared to forecaster expectations
 and recent averages, and from there, the number is generally considered "good" or "bad." But rarely do you hear mention

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of the results being compared to the number of jobs NEEDED each month to keep the unemployment rate steady. What is this number? About 150,000 (per the Labor Department).

- Essentially, this number comes down to the number of people coming of working age, times the labor force participation rate, minus the number of people who leave the labor force.
- The size of the U.S. labor force can change noticeably from month-to-month, largely due to statistical error. The number is derived from the Labor Department's Household Survey, which is considerably smaller than its Establishment Survey, which produces the headline change in nonfarm payroll employment. Being of a smaller statistical sample size, the Household Survey simply comes with a much larger degree of error. Notably, the Household survey is also the source of the unemployment rate. It also produces its own estimate of total employment, but this number, too, varies significantly each month due to the smaller sample size. As seen in the

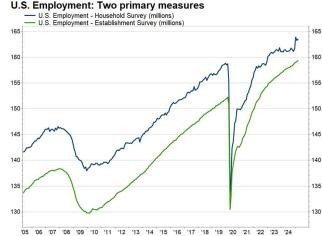


chart below, the Household Survey produces a higher employment number primarily due to its ability to capture more small business employment. *The chart at right is sourced from FactSet.*

Ameriprise Economic Projections											
Forecast:		Full-year Quarterly									
	Actual	Actual	Est.	Est.	Actual	Actual	Actual	Actual	Est.	Est.	Est.
	2023	2024	2025	2026	Q2-2024	Q3-2024	Q4-2024	Q1-2025	Q2-2025	Q3-2025	Q4-2025
Real GDP (annualized)	2.9%	2.8%	0.7%	1.8%	3.0%	2.8%	2.3%	-0.3%	0.8%	0.2%	1.5%
Unemployment Rate	3.7%	4.1%	4.5%	4.5%	4.1%	4.1%	4.1%	4.2%	4.4%	4.5%	4.5%
CPI (YoY)	3.4%	2.9%	3.7%	2.4%	3.0%	2.4%	2.9%	2.4%	3.6%	4.0%	3.7%
Core PCE (YoY)	2.9%	2.8%	3.4%	2.6%	2.6%	2.7%	2.8%	2.6%	3.5%	3.7%	3.8%

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

YoY = Year-over-year, Unemployment numbers are period ending. GDP: Gross Domestic Product; CPI: Consumer Price Index

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

Our projections currently assume an average import tariff rate of 20% over the projection period.

All estimates other than GDP are period ending.

<u>Please note:</u> The economic outlook remains highly dynamic and heavily reliant on developments related to the Trump administration's tariff policies.

Ameriprise Global Asset Allocation Committee Targets and Views

Targets			
	Favorable	Base-Case	Adverse
2025 Year-end Targets:	Scenario	Scenario	Scenario
S&P 500 Index:	6,000	5,600	4,800
10-Year U.S. Treasury Yield:	5.00%	4.00%	3.00%
Fed Funds Target Range:	3.75% to 4.00%	3.25% to 3.75%	2.75% to 3.00%

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

Please see latest Quarterly Capital Market Digest for more information. Last Updated: April 30, 2025

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Global Asset Allocation Committee Views

AMERIPRISE GLOBAL ASSET ALLOCATION COMMITTEE TACTICAL ASSET CLASS VIEWS

2025 Year-end S&P 500 Target: 5,600 2025 Year-End 10-year Treasury Target: 4,00

2025 Year-End 10-year Treasury Target: 4.00% as of 04/30/2025

_	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 	Emerging Foreign
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.	Japan Latin America United Kingdom	Middle East/AfricaAsia-Pacific ex JapanCanada
Fixed Income	U.S. Investment Grade Municipals	U.S. Government U.S. High Yield Developed Foreign	Emerging Foreign
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 https://discretificates.org/light-note-12 and <a href="https://discre

As of March 31, 2025		Rolling	Returns	
Major Market Indices	Q1'25	1-year	3-years	5-years
Russell 3000® Index (U.S. Equity)	-4.72%	7.22%	8.22%	18.18%
MSCI ACWI Ex USA Index – net (Foreign Equity)	5.23%	6.09%	4.48%	10.92%
Bloomberg U.S. Universal Bond Index (Fixed Income)	2.66%	5.24%	1.01%	0.32%
Wilshire Liquid Alternative Index (Alternatives)	0.76%	2.00%	2.43%	4.49%
FTSE Three-Month Treasury Bill Index (Cash)	1.10%	5.17%	4.42%	2.69%

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

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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 longer-term 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.

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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.

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