

growth amid discord: investing in 2025 and beyond

implementation guide

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Key views – Growth amid discord

2025

WEALTH OUTLOOK

Our key economic and market views for 2025

- Persistent economic growth no recession (boom/bust) in the outlook
- Broadening industry, regional EPS gains
- Trade discord drives market volatility, economic inefficiency
- China's economy to gradually respond to persistent stimulus while trade risk rises
- Some upward U.S. yield pressure likely with unified U.S. government
- We see the Fed funds rate bottom at 3.75%, 10-year yields rising to 4.75% by year end '25
- We are 3% overweight U.S. equities, +0.5% non-U.S. (global bonds and cash -3.5%)
- Technological developments will potentially benefit investments far beyond tech hardware
- Deregulation Beneficiaries: Energy and power infrastructure, banks, digital assets infrastructure



Portfolios: Seek to broaden horizons, diversify some from recent winners

2025

WEALTH OUTLOOK

Summary

POTENTIAL PORTFOLIO IMPLICATIONS

- Don't build a portfolio depending solely on S&P 500 returns. Broaden investment horizons after the U.S. large cap surge
- · Global assets have cheapened in USD terms. Asia stands out
- Seek exposure to undervalued, quality U.S. small and mid cap growth shares and related alternatives
- Expect rising volatility. Potential credit opportunities in intermediate-fixed income over long duration

POTENTIAL OPPORTUNITIES AND THEMATIC VIEWS

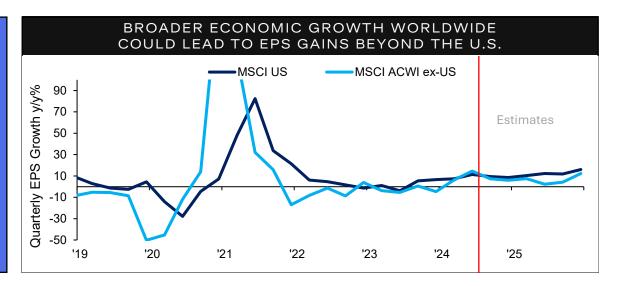
- Deregulation beneficiaries: Energy and power infrastructure, banks, digital assets infrastructure
- Al software, robotics, healthcare equipment



resilient global growth amid lower rates and inflation

- We have raised our 2025 U.S. GDP forecast to 2.4% growth after our 2024 forecast was also raised to 2.7% from 2.4% previously
- We have also raised China GDP forecasts to 5.2% from 4.8% previously on changes to China's economic policy, which could also help other markets in the region
- The USD's rise has made non-US assets cheaper.
 While Trump policies matter, markets, including in
 Asia, are better prepared and domestic growth and
 policy will factor
- Geopolitical, supply chain and trade risks are unlikely to change the broad direction of the global economy
- We expect broadening earnings growth, and record EPS highs in both 2025 and 2026 for U.S. equities. Still, we advocate for diversified portfolios

- U.S., China GDP forecasts for 2025 raised on data, equity market performances
- Citi believes 2025, 2026 will bring record EPS highs and broadening earnings growth
- Fed Funds target rate likely to bottom in the 3.5–4% range by 2025



CGWI REAL GDP FORECASTS (%)									
2020 2021 2022 2023 2024E 2025E 2026E									
U.S.	-2.2	5.8	1.9	2.5	2.7↑	2.4↑	2.1		
China	2.2	8.5	3.0	5.2	4.9↓	5.2↑	4.8		
E.U.	-6.3	6.2	3.4	0.5	0.7	1.2↓	1.6		
U.K.	-10.3	8.6	4.8	0.3	1.0↑	1.1↓	1.5		
Global	-3.2	6.0	3.3	2.6	2.6	2.9↑	2.9		

	CGWI EPS FORECASTS (%)									
2020 2021 2022 2023 2024E 2025E 2026E										
S&P 500	-13.5	46.9	6.0	0.6	9.2	7.6	6.9			
EPS level	122	209	222	223	244	262	28.0			
P/E	27.6	24.4	17.8	22.8	24.0	22.4	20.9			



growth amid discord:

overview of 2025 wealth outlook - how to position core portfolios

GLOBAL ECONOMIC GROWTH AND CORPORATE PROFITS ARE RISING	 The economic expansion has defied recession signals and can continue in 2025 and 2026 A broadening recovery is likely to lead to further gains in global earnings per share Risks include U.S. overheating, a global trade war, and pockets of high valuation
MANY PORTFOLIOS ARE TOO CONCENTRATED IN ONE REGION OR ASSET CLASS	 U.S. large-cap equities may not do as well in the next 10 years as they have in the past decade Intermediate-duration IG credit offers higher yield than equivalent U.S. Treasuries We see potential for broadening portfolio horizons across global equities, fixed income categories, and alternatives for suitable and qualified investors
RETURNS FROM CASH WILL LIKELY DISAPPOINT	 Amid further modest rate cuts, bank deposits and Treasury bills may prove even less rewarding – see Driving Long-Term Returns Yield-seeking potential may exist in select High Yield, bank loans, preferreds, among others
INNOVATION REMAINS A KEY LONG TERM GROWTH DRIVER	 Having mainly boosted tech so far, Artificial Intelligence gains could spread across more industries Preventative healthcare is vital for addressing the needs of rapidly aging populations worldwide Climate technologies can help efforts to reduce emissions and adaptation to extreme weather events
GEOPOLITICAL DISCORD MAY SPARK VOLATILITY	 Trade tensions and other geopolitical challenges remain, which could trigger market turbulence But geopolitical events have seldom changed the course of the global economy and markets

• Potential tariffs and tit-for-tat measures may accelerate global supply chain shakeups

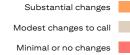


Summary of implementation ideas

К	EY OUTLOOK MESSAGES	ι	JNSTOPPABLE TRENDS	OPPORTUNISTIC	
Core Portfolio	Shifting Valuation Opportunities (Adaptive Valuation Strategies)	Artificial Intelligence	Direct Al Enablers	Semiconductor Equipment	
	Avoid attempting to time markets	Evolving the economy through tech	Al beneficiaries (healthcare, finance, robotics, education and agriculture)	Medical Technology, Equipment and Biotechnology	
Broadening	Equal weight (value) & U.S. SMID				
Portfolios	Diversify within U.S. & global equities (Asia Ex-China)	Longevity Aging	Al-empowered drug discovery	Defense Equipment Exposure	
Credit at	Credit: Diversified Intermediate IG, selective HY	populations drive healthcare spending	Preventative healthcare, value-based care	U.S. Banks Equities	
the Core	IG structured credit. HY Bank loans, IG Preferred	G2 Polarization	Select Asian, LatAm markets and industries		
U.S. Deregulation	Energy and Power Infrastructure	US-China strategic rivalry	U.S. tech and materials for reshoring semiconductors	Grid Investments Mid-Stream Energy & Nuclear	
Beneficiaries	Financials		Semiconductors		
Managing Risk amid Discord	Alternative Investments	Climate Tech	Emissions reductions, carbon capture	Crypto Enablers	
	Hedged exposure	Expanding sources of energy	Climate change adapters	Brazilian Equities (USD)	



Key Changes: Outlook 2024 vs. Outlook 2025



	2024 OUTLOOK					
çes	Markets have reset - build balanced portfolios					
lessag	Normalization and growth					
Key OL Messages	Stay invested - areas of tangible growth					
Ke,	Peak rates = peak income					
hematic	Digitization					
	Longevity					
Then	Greening the world					
	G2 Polarization					
Sal	Semiconductor, cybersecurity					
Opportunistic/Tactical	Copper and energy infrastructure					
	Economic security					
	Yen-denominated Japan tech/financials					
O	U.S. yield curve					

2025 OUTLOOK	
Core Portfolios	SS
Broaden Portfolios	Key OL Messages
Seek Differentiated Yield	Mes
U.S. Deregulation Beneficiaries	ey OI
Managing risk amid discord	Ž
Al Buildout	
Longevity	natic
Climate Tech	Thematic
G2 Polarization	
Semiconductors	
Defense Equity Exposure	tica
U.S. Banks Equities	Тас
MedTech & Life Sciences	stic
Crypto Enablers	tuni
Grid Investments Mid-Stream Energy and Nuclear	Opportunistic/Tactica
Brazil Equities in USD	

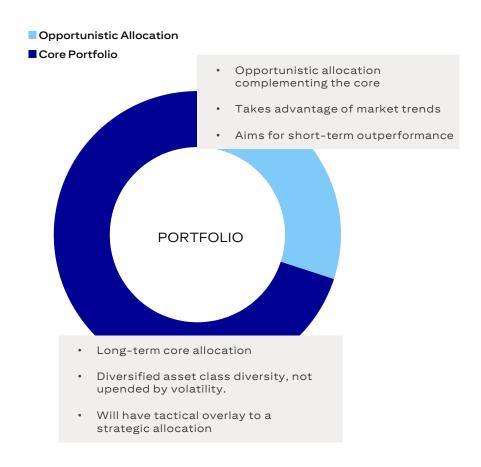
WHAT HASN'T CHANGED						
Broaden equity exposure beyond US mega caps						
Lock in yield across the fixed income landscape						
Private assets play an important role in core portfolios						
Al investment continues to benefit "infrastructure" plays						
Health care remains an unstoppable trend						
US-China competition presents opportunities and risks						
Energy transition and AI power needs will drive grid buildout						

SUMMARY OF CHANGES

New 2025 Outlook emphasis	De-emphasizing
Valuation gap between US tech & everything else	Higher SREs
Manage duration while seeking yield	Timing of interest rate changes
Trump 2.0 winners and losers	Weaker US dollar
Asia ex-China & Brazil equities	Yen-denominated Japan tech/financials
"Al ecosystem", robotics, data centers, Al software	Cybersecurity software
Broader healthcare exposure	Medtech
Energy and power infrastructure	Copper
U.S. Banks	Private Capital Asset Mgmt



Positioning Portfolios



			Alloca	JSD Level tion (%) W Alternative	ithout	Global USD Level 3 Asset Allocation (%) With Alternatives		With	Neutral Overweight
			SAA	TAA	Active Weight	SAA	TAA	Active Weight	IMPLEMENTATION COMMENTS
	CASH		2.0	1.0	-1.0	2.0	1.0	-1.0	Tactical underweight cash
S	EQUITIES		60.9	64.4	3.5	33.2	36.7	3.5	Tactical overweight to equities
EQUITIES	Developed Markets		52.2	55.1	2.9	28.4	31.7	3.3	Equal-weight S&P 500; Developed Asia, U.S. SMID Growth
E	Emerging Markets		8.7	9.3	0.6	4.7	5.0	0.3	Emerging Markets Asia ex-China; LatAm: Brazil
FIXEDINCOME	FIXED INCOME		37.0	34.5	-2.5	37.8	35.3	-2.5	Tactical underweight to fixed income
	Investment Grade		6.9	6.6	-0.3	32.6	30.7	-1.9	Intermediate Investment Grade; Preferreds; Agency Bonds; TIPS
	High Yield		2.0	0.5	-1.5	2.0	2.5	0.5	Select High Yield, HY Bank Loans
н	Emerging Markets		3.1	2.1	-1.0	3.2	2.2	-1.0	Reduce overall exposure to EM debt
	HEDGE FUNDS					12.0	12.0	0.0	Offers uncorrelated returns to manage risk in portfolios
IVES	PRIVATE ASSETS		N/A			10.0	10.0	0.0	Evergreen vehicles have been a growing alternative to exposure
ALTERNATIVES	Private Equity					10.0	10.0	0.0	Seek exposure – may offer better returns than equity and FI markets
ALTE	Private Credit					0.0	0.0	0.0	New allocation to be incorporated in 2025 AVS optimization
	REAL ESTATE					5.0	5.0	0.0	Industrial, hospitality real estate are among our preferred sub-sectors
	COMMODITIES		0.0	0.0	0.0	0.0	0.0	0.0	No active weight to commodities

Driving long-term returns

- A core strategic asset allocation is the key driver of long-term returns. Core asset allocations can be implemented in portfolios using a variety of instruments
- Citi's own Adaptive Valuation Strategies (AVS) is designed to estimate returns over the next decade. Our Strategic Return Estimates (SRE) measures returns over the next decade while Extreme Downside Risk (EDR) considers allocation suffering severe losses during a crisis. SREs and EDRs are closely related, with higher returns coming with higher risks
- The major driver of our Strategic Return Estimates is valuation. Low valuation (cheap) usually followed by price appreciation in the next 10 years, and vice versa
- One of the most powerful concepts to enhance a portfolio's returns and mitigate risk is to promote global diversification
- We use very long history of data (almost 100 years) to analyze different market/economic environments to estimate risk/reward more effectively
- Asset allocation is the process of selecting the components of a portfolio, and the proportion in which they are held, at the asset class and sub-asset class level
- An investor's core portfolio represents long-term holdings and should be designed in a way that aims to meet their investing goals, accounting for their risk tolerance, desired reward levels and investment time horizon

OUR RETURN AND RISK ESTIMATES FOR THE NEXT DECADE

	2025 SRE	CHANGE	MID YEAR 2024 SRE	EDR FROM 2025 TO 2035
EQUITIES	5.6%	-0.8%	6.4%	
Developed Markets	5.2%	-0.8%	6.0%	-55.8%
Emerging Markets	9.2%	-1.2%	10.4%	-63.8%
FIXED INCOME	4.8%	-0.5%	5.3%	
Investment Grade	4.6%	-0.5%	5.1%	-11.9%
High Yield	5.6%	-0.7%	6.3%	-49.8%
Emerging Markets	6.1%	-1.0%	7.1%	-45.5%
CASH	3.2%	0.0%	3.2%	0.0%
HEDGE FUNDS	8.1%	-0.4%	8.5%	-36.9%
PRIVATE ASSETS	12.6%	-2.0%	14.6%*	-71.6%
Private Equity	13.5%	-1.1%	14.6%	-78.7%
Private Credit	7.6%	_	n/a*	-25.1%
REALESTATE	11.0%	0.2%	10.8%	-78.9%
COMMODITIES	2.5%	-0.1%	2.6%	-50.5%

Source: Citi Wealth Global Asset Allocation and Quantitative Research Team. Strategic Return Estimates (SREs) 2025 (based on data as of October 2024), prior Strategic Return Estimates for mid-year 2024 (based on data as of April 2024). The Strategic Return Estimates are calculated annually and can be reassessed periodically. Returns estimated in US Dollars. All estimates are expressions of opinion and are subject to change without notice and are not intended to be a guarantee of future events. Strategic Return Estimates are no guarantee of future performance. Extreme Downside Risk (EDR). This measure calculates the worst potential loss that a particular allocation may suffer within a rolling twelve-month period over ten years. Past performance is no guarantee of future returns. Strategic Return Estimates based on indices are Citi Wealth's forecast of returns for specific asset classes (to which the index belongs) over a 10-year time horizon. Indices are used to proxy for each asset class. The forecast for each specific asset class is made using a proprietary methodology that is appropriate for that asset class. Equity asset classes utilize a proprietary forecasting methodology is built around specific valuation measures that require several stages of calculation. Assumptions on the projected growth of earnings and dividends are additionally applied to calculate the SRE of the equity asset class forecasts use a proprietary forecasting methodology that is based on current yield levels. Other asset classes utilize other specific forecasting methodologies. *Private Assets at the mid-year stage consisted only of Private Equity; an SRE for Private Credit was not calculated. SREs do not reflect the deduction of client fees and expenses. Past performance is not indicative of future results. Future rates of return cannot be predicted with certainty. Investments that pay higher rates of return on investments can vary widely. This includes the potential loss of principal on your investment. It is not possible to invest di



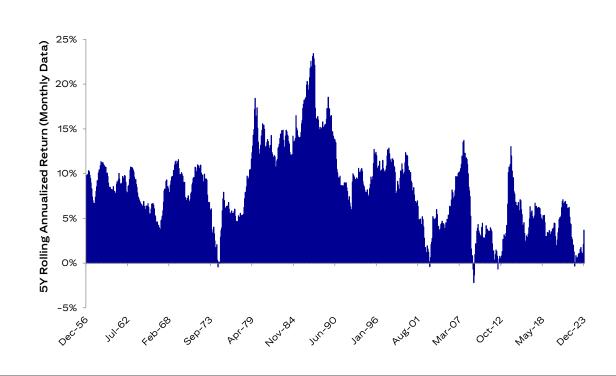
What does a core allocation look like?

- A core portfolio is vital to longterm capital preservation and growth
- Building a core begins with a long-term investment plan
- It should reflect individual objectives and circumstances
- We forecast 10-year returns alongside the risk of severe losses in a crisis
- We then help implement the plan in a core portfolio
- Core portfolios stay fully invested through market cycles

BROADENING CORE PORTFOLIOS

- Many portfolios are concentrated, especially in U.S. large cap equities
- Consider broadening portfolio horizons across all asset classes envisaged in each long-term plan including:
- U.S. SMID equities, equalweighted large cap. India, Japan and Brazil
- 2. Investment grade credit and diversified sources of yield
- 3. Alternative asset classes for suitable and qualified investors

LEVEL 3 ALLOCATION WITH HEDGE FUNDS AND 10% ILLIQUIDITY HAS SHOWN POSITIVE RETURNS (NET OF FEES) OVER 5-YEAR ROLLING PERIOD 98.8% OF THE TIME



The historical performance on an asset class level is net of advisory fees and reflect a deduction of 2.50%, which is the weighted average annual maximum advisory fee. Data / Statistical Source: Bloomberg, Citi Wealth Investment Lab as of December 31st, 2023. Past performance is no guarantee of future results. Data measured for the period between January 1955 to December 2023. For each investment horizon, a 5-year rolling window was used in the measured period. The portfolio assumes a Citi Wealth Reference Level III portfolio with 10% Illiquidity rebalanced annually. Risk Level III: Seeks modest capital appreciation and, secondly, capital preservation. The asset classes used to populate the allocation model may underperform their respective indexes and lead to lower performance than the model anticipates. An increased level of illiquidity in a portfolio may require a higher risk tolerance dependent upon your current investment objectives and risk tolerance. Indices are unmanaged, not investable and included for illustrative purposes only.



timing the market

you could miss out on over half of a decade's return my missing the top 10 days

· Timing the market is hard and unnecessary

The strongest rallies tend to occur in the middle of bear markets, making it difficult to identify genuine turning points

· Time is on your side if you stay invested

The likelihood of achieving investment objectives and goals rises the longer the holding period

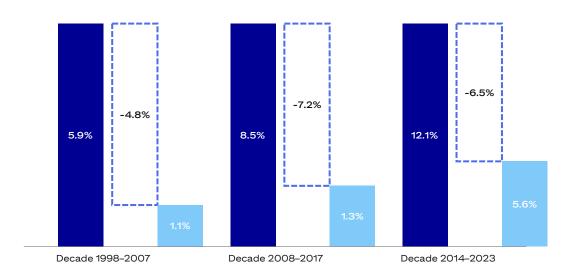
· Beat the cash thief by reinvesting income

Being in the markets may generate income that can offset inflation and potentially create opportunities to buy market dips

· Embrace diversification

Adopting a multi-asset class strategy may help improve portfolio resilience and can limit drawdowns

ANNUALIZED HISTORICAL RETURNS S&P 500 - SELECTED DECADES



- Annualized S&P Total Return
- Annualized return missing the 10 best days
- Opportunity cost of missing the 10 best days

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Higher Credit Risk – Unrated or non investment grade Debt Securities generally have predominantly speculative characteristics with respect to the issuer's capacity to pay interest and repay principal. There is greater risk of non-payment of interest and loss of principal. Many issuers of these Debt Securities have experienced substantial difficulties in servicing their debt obligations, which has led to default and restructurings. The issuers of these Debt Securities generally have to pay a higher rate of interest than investment grade Debt Securities.

Higher Liquidity and Secondary Market Risk – The markets in which unrated or non investment grade Debt Securities are traded are generally more limited than those in which investment grade Debt Securities are traded. This lack of liquidity may make it more difficult to resell these Debt Securities and obtain market quotations.

Downgrade Risk – Downgrades in the credit rating of unrated or non investment grade Debt Securities by rating agencies are generally accompanied by declines in the market value of these Debt Securities. In some circumstances, investors in the unrated or non investment grade Debt Securities market may anticipate such downgrades as a result of these credits being placed on "credit watch" by rating agencies, causing volatility and speculation of further credit deterioration.

Higher Vulnerability to economic cycles - During economic downturns, unrated or non investment grade Debt Securities are typically more susceptible to price volatility and fall more in value than investment grade Debt Securities as i) investors may reevaluate holdings in lower-quality bonds in favor of investment-grade corporate Debt Securities; ii) investors become more risk averse; and iii) default risk rises. This is often referred to a "flight to quality".

Event Risk – This includes any of a variety of events that can adversely affect the issuer of unrated or non investment grade Debt Securities, and therefore the issuer's ability to meet debt service obligations to repay principal and interest to Debt Securities holders. Event risk may pertain to the issuer specifically, the industry or business sector of the issuer, or generally upon the overall economy. It could have a direct or indirect impact on the issuer and their outstanding debts.



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RMB is currently not freely convertible through banks in Hong Kong. Due to exchange controls and/or restrictions imposed on the convertibility, utilization or transferability of RMB (if any) which in turn is affected by, amongst other things, the PRC government's control, there is no guarantee that disruption in the transferability, convertibility or liquidity of RMB will not occur. There is thus a likelihood that you may not be able to convert RMB received into other freely convertible currencies.

CNH exchange rates and CNY exchange rates are currently quoted in different markets with different exchange rates, whereby their exchange rate movements may not be in the same direction or magnitude. Therefore, the CNH exchange rate may be different from the CNY exchange rate.



