#### **Market Review**

#### Index Performance for the Period Ended September 30, 2025

Data as of 09.30.2025	1 Month	3 Month	YTD	1 Year	3 Year <sup>1</sup>	5 Year <sup>1</sup>	10 Year <sup>1</sup>
Equity							
Russell 3000 <sup>®</sup> Index	3.45%	8.18%	14.40%	17.41%	24.12%	15.74%	14.71%
Russell Top 200 <sup>®</sup> Index	4.15%	8.69%	15.73%	19.61%	26.84%	17.02%	16.30%
Russell Top 200 <sup>®</sup> Growth Index	6.10%	11.14%	17.06%	25.19%	32.88%	18.63%	20.02%
Russell Top 200 <sup>®</sup> Value Index	1.60%	4.91%	12.87%	10.49%	17.72%	13.98%	11.10%
Russell 2000 <sup>®</sup> Index	3.11%	12.39%	10.39%	10.76%	15.21%	11.56%	9.77%
Russell 2000 <sup>®</sup> Growth Index	4.15%	12.19%	11.65%	13.56%	16.68%	8.41%	9.91%
Russell 2000 <sup>®</sup> Value Index	2.01%	12.60%	9.04%	7.88%	13.56%	14.59%	9.23%
Russell Mid Cap® Index	0.89%	5.33%	10.42%	11.11%	17.69%	12.66%	11.39%
Russell Mid Cap® Growth Index	-0.26%	2.78%	12.84%	22.02%	22.85%	11.26%	13.37%
Russell Mid Cap <sup>®</sup> Value Index	1.27%	6.18%	9.50%	7.58%	15.51%	13.66%	9.96%
MSCI World ex-USA IMI Index	2.14%	5.60%	25.94%	16.51%	21.39%	11.25%	8.39%
MSCI World ex-USA Growth Index	2.55%	2.84%	19.32%	9.41%	18.08%	6.96%	8.02%
MSCI World ex-USA Value Index	1.71%	7.88%	31.51%	22.90%	25.20%	16.20%	8.54%
MSCI World ex-USA Small Cap Index	2.21%	7.24%	29.54%	19.35%	19.98%	9.24%	8.29%
MSCI Emerging Markets IMI Index	6.41%	9.88%	25.95%	16.01%	18.15%	7.63%	8.03%
Fixed Income							
Bloomberg U.S. Aggregate Bond Index	1.09%	2.03%	6.13%	2.88%	4.93%	-0.45%	1.84%
Bloomberg U.S. TIPS Index	0.43%	2.10%	6.87%	3.79%	4.88%	1.42%	3.01%
Bloomberg U.S. Corporate High Yield Index	0.82%	2.54%	7.22%	7.41%	11.09%	5.55%	6.17%
Bloomberg Global Treasury ex-U.S. Hedged Index	0.40%	0.19%	1.67%	2.11%	4.50%	0.36%	2.30%
Bloomberg Emerging Markets Aggregate Index	1.11%	3.40%	8.51%	6.91%	10.38%	1.90%	4.02%

<sup>&</sup>lt;sup>1</sup>Annualized.TIPS= Treasury Inflation Protected Securities. Source: Morningstar. The performance presented represents the returns of the listed index. The volatility of an index varies greatly and investments cannot be made directly in an index. Market conditions vary from year to year and can result in a decline in market value due to a material change in market or economic conditions. The performance is past performance and is not a guarantee for future results.



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# Sterling Capital Advisory Solutions Monthly Update

#### October 2025

#### **Asset Allocation Update**

- We recommend a neutral weight to Global Equities and Fixed Income.
- Within the equity allocation, we recommend an overweight to U.S. Equities and an underweight to Emerging Market Equities.
- Within the fixed income allocation, we recommend an overweight to Short U.S. Government bonds.

#### **Equity Market Highlights**

# ■ Global equities, as defined by the MSCI ACWI IMI, rose 3.44% in September, which represented the sixth consecutive month of positive returns. Artificial intelligence (AI) enthusiasm continued to play a role in leading the global equity market higher, with U.S. large-cap growth (Russell Top 200® Growth Index +6.10%) among the top performing market segments during the month. Emerging markets, as defined by the MSCI EM IMI, rose 6.41% in September, led by relative strength in information technology-focused countries such as Taiwan and South Korea. Emerging Markets have generated a positive return in every month year-to-date. Growth (MSCI ACWI Growth Index +4.87%) outperformed value (MSCI ACWI Value Index +2.25%), and large caps (MSCI ACWI Large Cap Index +4.06%) outperformed mid caps (MSCI ACWI Mid Cap Index +1.27%) and small caps (MSCI ACWI Small Cap Index 1.98%). Information technology and communication services were the top performing global equity sectors during the month while consumer staples and energy underperformed.

- Actively-managed strategies have struggled to keep pace with passively-managed counterparts so far in 2025. While international active managers have outperformed in aggregate, U.S. active strategies have generally struggled to outperform.
- On a rolling five-year basis, U.S. growth outperformance relative to value increased in September. Although the gap between growth and value returns has closed in recent periods, rolling five-year growth returns have consistently been ahead of value returns since 2017.

#### **Fixed Income Market Highlights**

- The broad bond market, as represented by the Bloomberg U.S. Aggregate Bond Index, returned +1.09% in September, bringing its year-to-date return to +6.13%. September marked the second consecutive month, along with seven out of nine months of 2025, that has produced positive returns for the index. Investment-grade credit was the top performing asset class, returning 1.44%, followed by Agency mortgage-backed securities (+1.22%) and Emerging Market Debt (+1.11%). The lowest-performing sector came from Global Treasuries ex. U.S. which returned 0.40%, and U.S. Treasury Inflation-Protected Securities (TIPS) which returned 0.43%.
- 10-year government bond yields of select non-U.S. countries were little changed month-over-month, with yields in Italy, Germany, and the U.K all lower by less than five basis points (bps), while 10-year yields in France were higher by two bps. Domestically, the yield on the 10-year Treasury moved lower from 4.22% to 4.15%.
- Municipal/Treasury ratios on the front-end of the curve were higher, with two- and three-year ratios increasing by 3% and 1%, respectively. Five-year ratios and beyond were lower, with the 10-year ratio decreasing by nearly 6%.

Stock Indices YTD		Bond Indices YTD		Other Indices YTD		U.S. Treasury Yields		Rates/Commodities	
MSCI ACWI IMI	18.25%	Bloomberg US Aggregate	6.13%	US Fund Multialternative	4.61%	6-month	3.84%	Prime Rate	7.25%
Russell 3000	14.40%	Bloomberg Gbl Treas xUS Hdg	1.67%	DJ Equity All REIT	4.58%	1-year	3.62%	LIBOR (3 Mo)	4.85%
S&P 500	14.83%	Bloomberg US TIPS	6.87%	Bloomberg Commodity	9.38%	3-year	3.62%	Oil Price (\$/barrel)	\$62.37
MSCI EAFE	25.14%	Bloomberg US High Yield	7.22%			5-year	3.74%	Gold (\$/t oz)	\$3,858.45
MSCI EM	27.53%	Bloomberg EM Aggregate	8.51%			10-year	4.15%		
						30-year	4.73%		

Data is as of 09.30.2025. Sources: Morningstar; FactSet; Russell Investments; Bloomberg L.P.; U.S. Department of Treasury. Asset allocation and diversification do not assure a profit or protect against loss in declining financial markets. For illustrative purposes only. The views expressed represent the opinions of Sterling Capital Management. Any type of investing involves risk and there are no guarantees that these methods will be successful. Past performance is no guarantee of future results.



# Global Economic Snapshot

#### YOY Real GDP Growth (\$U.S.) Percent (%) 15 5 -5 -15 Mar-08 Jun-19 Dec-05 Jun-13 Sep-15 Sep-18 Mar-20 Dec-20 Sep-12 Mar-14 Dec-14 Mar-17 Dec-17 Sep-21 Mar-23 Jec-23 Jun-25 Jun-16 Dec-11

U.S., Japan, and Eurozone data as of 06.30.2025. Source: FactSet.

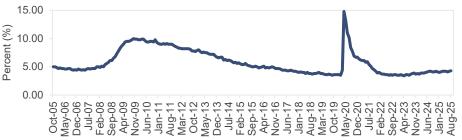


U.S. & Eurozone data is as of 09.30.2025. Japan data as of 09.30.2025. Source: FactSet. The sudden increase in Japan CPI growth in 2014 coincided with an increase in national sales tax that impacted final price levels.



Industrial Production as of 08.31.2025. Industrial Productivity data as of 06.30.2025. Source: FactSet.

# U.S. - Unemployment Rate



Data is as of 08.31.2025. Source: FactSet.

- Based on current estimates, quarterly U.S. gross domestic product (GDP) recovered in the second quarter, but year-over-year growth was little changed.
  Growth in Europe and Japan has improved but continues to lag the U.S.
- The U.S. unemployment rate increased for the second consecutive month to 4.3% in August following a weaker-than-expected employment report. Updates in September are delayed due to the government shutdown.
- Year-over-year, U.S. core inflation ticked lower to 3.0% in September. Inflation in Europe has flattened out near 2.4%, while inflation in Japan has dropped to 1.3%.
- U.S. industrial production growth was little changed in August and is only mildly positive year-over-year. Updates have been delayed by the government shutdown. U.S. labor productivity growth increased in the second quarter, but the year-over-year rate remains below 2.0%.

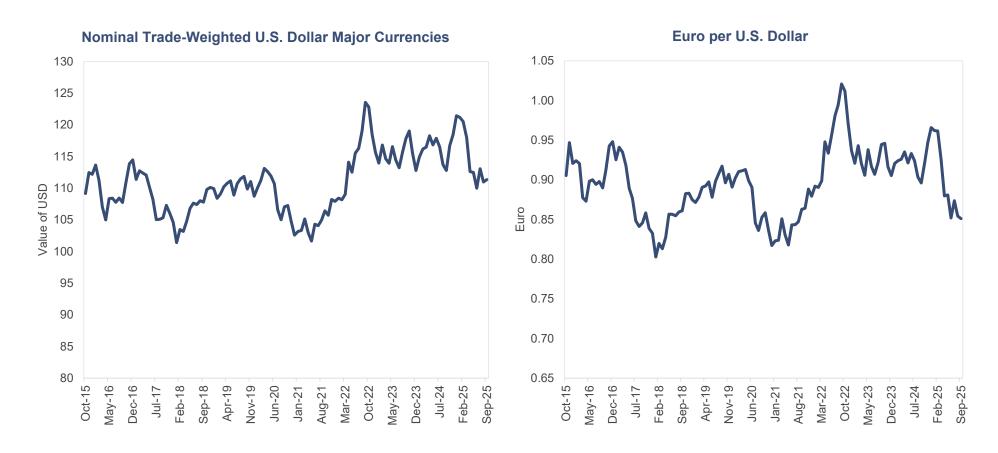
Please see the Appendix for important definitions. For illustrative purposes only. The views expressed represent the opinions of Sterling Capital Management. Any type of investing involves risk and there are no guarantees that these methods will be successful. Past performance is no guarantee of future results.

#### U.S. Economic Indicators

Leading · In the week ending 09.05.2025 the four-week moving average of Initial Jobless Claims was 240,500, an Initial Jobless Claims increase of 9,750 from the previous week's revised average. • ISM Manufacturing registered 49.1% in September, a 0.4% increase from the previous reading. A reading below 50.0% indicates contraction. • ISM Manufacturing New Orders registered 48.9% in September, down -2.5% over the previous Manufacturing reading. • ISM Non-Manufacturing registered 50.0% in September, a 2.0% decrease from the previous reading. Housing/Construction Building permits were down -2.35% in August and have decreased -9.89% over the past year. Consumer Confidence • The Consumer Confidence Index was 94.2 compared to 97.8 in the previous month. Coincident · Total Nonfarm Payroll employment increased by 22,000 in August while the unemployment rate increased to Nonfarm Payrolls 4.3% Industrial Production Industrial Production increased 0.10% in August and increased +0.87% over the past year. Personal Income Real Disposable Personal Income increased 0.11% in August and increased +1.94% over the past year. Real Disposable Personal Income decreased -0.4% in August and decreased -4.7% over the past year. Ratio of Consumer Installment Credit to Consumer borrowing tends to lag improvements in personal income by many months because people tend Personal Income to remain hesitant to take on new debt until they are sure that their improved income level is sustainable. • CPI (All Items) increased +0.38% in August and increased +2.94% over the past year. Inflation • CPI (Core) increased +0.35% in August and increased +3.11% over the past year.



# Currency



■ The Trade-Weighted U.S. Dollar Index (Major Currencies) increased 0.3% in September and decreased -8.3% year-to-date. The dollar was down -0.4% versus the Euro in August.



#### Global Equity Markets



Data is as of 09.30.2025. Sources: Morningstar; Russell Investments.



- Global equities, as defined by the MSCI ACWI IMI, rose 3.44% in September, which represented the sixth consecutive month of positive returns. Artificial intelligence (AI) enthusiasm continued to play a role in leading the global equity market higher, with U.S. large-cap growth (Russell Top 200® Growth Index +6.10%) among the top performing market segments during the month. Emerging markets, as defined by the MSCI EM IMI, rose 6.41% in September, led by relative strength in information technology-focused countries such as Taiwan and South Korea. Emerging Markets have generated a positive return in every month year-to-date. Growth (MSCI ACWI Growth Index +4.87%) outperformed value (MSCI ACWI Value Index +2.25%), and large caps (MSCI ACWI Large Cap Index +4.06%) outperformed mid caps (MSCI ACWI Mid Cap Index +1.27%) and small caps (MSCI ACWI Small Cap Index 1.98%). Information technology and communication services were the top performing global equity sectors during the month while consumer staples and energy underperformed.
- Actively-managed strategies have struggled to keep pace with passivelymanaged counterparts so far in 2025. While international active managers have outperformed in aggregate, U.S. active strategies have generally struggled to outperform.

Data is as of 09.30.2025. Sources: Morningstar, Russell Investments. Median return of Morningstar open-end fund category (institutional share class). Russell return of U.S. categories.



On a rolling five-year basis, U.S. growth outperformance relative to value increased in September. Although the gap between growth and value returns has closed in recent periods, rolling five-year growth returns have consistently been ahead of value returns since 2017.

Data is as of 09.30.2025. Source: Morningstar.

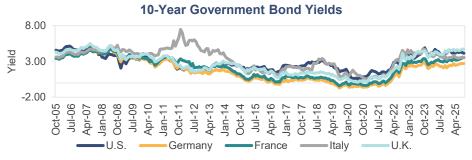


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#### **Fixed Income Markets**

#### **Bond Market Performance** 8.00 Percent (%) 6.00 4.00 2.00 Bloombera Bloombera Bloomberg Bloomberg US Global Trsv US Corp **US TIPS** EM USD US Aga US Credit US MBS Ex US TR High Yield Government Agg ■ 1 Mo ■ 1 Yr

Data is as of 09.30.2025. Sources: Morningstar; Bloomberg L.P.



Data is as of 09.30.2025. Sources: FactSet; U.S. Department of Treasury.



Data is as of 09.30.2025. Sources: Thompson Reuters; Sterling Capital Management Analytics.

- The broad bond market, as represented by the Bloomberg U.S. Aggregate Bond Index, returned +1.09% in September, bringing its year-to-date return to +6.13%. September marked the second consecutive month, along with seven out of nine months of 2025, that has produced positive returns for the index. Investment-grade credit was the top performing asset class, returning 1.44%, followed by Agency mortgage-backed securities (+1.22%) and Emerging Market Debt (+1.11%). The lowest-performing sector came from Global Treasuries ex. U.S. which returned 0.40%, and U.S. TIPS which returned 0.43%.
- 10-year government bond yields of select non-U.S. countries were little changed month-over-month, with yields in Italy, Germany, and the U.K all lower by less than five basis points (bps), while 10-year yields in France were higher by two bps. Domestically, the yield on the 10-year Treasury moved lower from 4.22% to 4.15%.

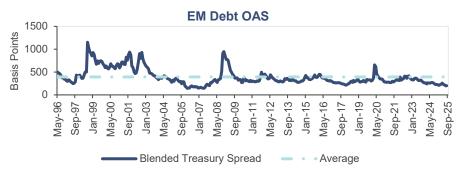
• Municipal/Treasury ratios on the front-end of the curve were higher, with two- and three-year ratios increasing by 3% and 1%, respectively. Fiveyear ratios and beyond were lower, with the 10-year ratio decreasing by nearly 6%.



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# Fixed Income Spreads and TIPS Breakeven





Data is as of 09.30.2025. Source: Bloomberg L.P.



Data is as of 09.30.2025. Source: Federal Reserve Board of Governors.

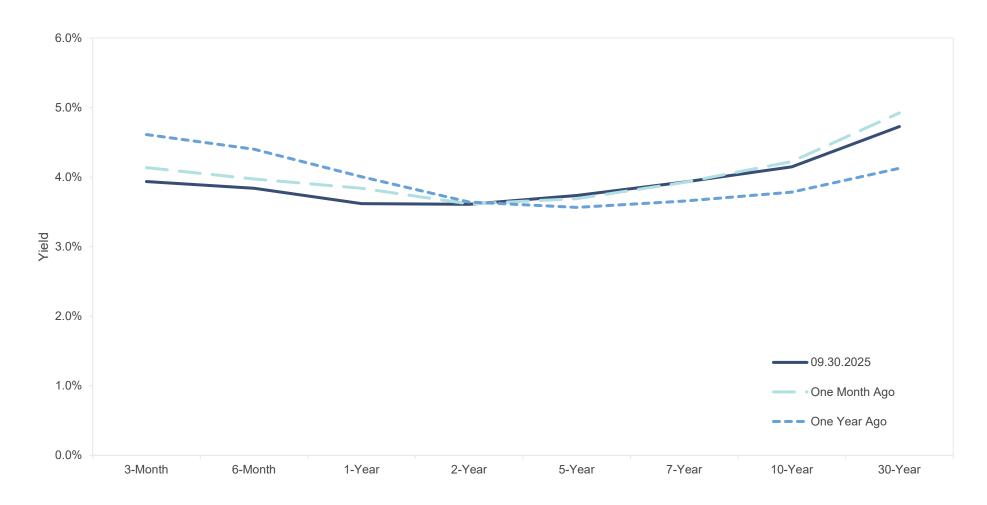


Data is as of 09.30.2025. Source: Bloomberg L.P.

- Credit spreads declined in September with investment-grade spreads reaching a 20-year month-end low.
- 10-year TIPS breakeven rates moved mildly lower in September but are above the long-term average.
- Emerging Market debt credit spreads were unchanged in September and remain well below the historical average. The yield spread of U.S. to Global Treasuries declined in September but remain above the historical average.



# U.S. Treasury Yield Curve



• The month of September produced mixed movement across the yield curve with the "wings" moving lower as the three-month yield and the 30-year yield were both lower by 20 bps, while the "body" or "belly" moved higher, notably the seven-year yield which increased by five bps.

Data is as of 09.30.2025. Source: FactSet. For illustrative purposes only. The views expressed represent the opinions of Sterling Capital Management. Any type of investing involves risk and there are no guarantees that these methods will be successful. Past performance is no guarantee of future results. Yields are subject to market conditions and are therefore expected to fluctuate.



# Global Equity Market Fundamentals and Indicators



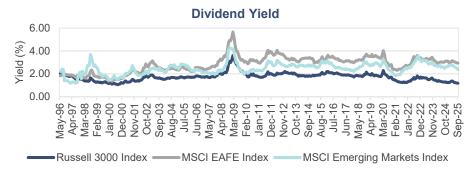
Data is as of 09.30.2025. Sources: Bloomberg L.P.; Robert Shiller "U.S. Stock Markets 1871 - Present and CAPE Ratio."



Data is as of 09.30.2025. Sources: FactSet; Russell; Bureau of Labor Statistics; Sterling Capital Management Analytics.



Data is as of 09.30.2025. Sources: FactSet; Russell; MSCI.



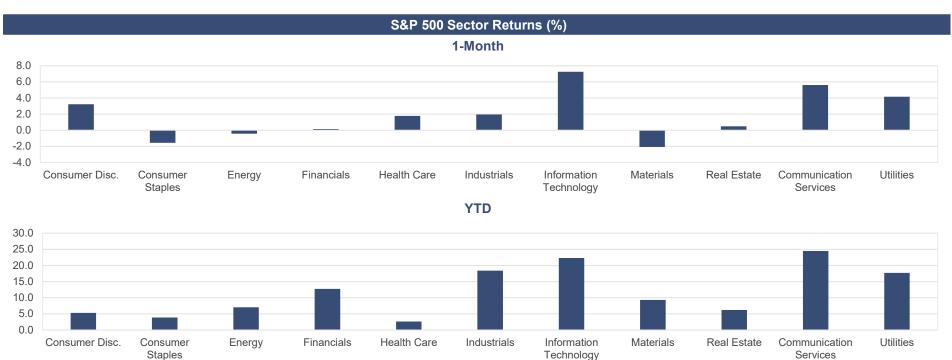
Data is as of 09.30.2025. Sources: FactSet; Russell; MSCI.

- The U.S. cyclically-adjusted earnings yield declined in September and remains low relative to history.
- Dividend yields and revenue yields declined in September across markets. U.S. dividend yields remain low relative to long-run averages and are well below international market levels.
- The Volatility Index (VIX), a measure of market-expected equity volatility, increased mildly in September but remains below the 20-year historical median. Higher VIX levels may be indicative of higher equity risk premiums.



# U.S. Equity Market Style and Sector Returns

S&P 1500 by Capitalization & Style <sup>1</sup>									
	1-Month			YTD					
	Value	Blend	Growth		Value	Blend	Growth		
	1.76%	3.65%	5.30%	Large	9.68%	14.83%	19.53%		
	-0.12%	0.46%	1.00%	Mid	5.41%	5.76%	6.10%		
	1.38%	0.98%	0.59%	Small	3.17%	4.24%	5.30%		



¹Style boxes are derived from the components of the S&P 1500® Index. Please refer to the appendix for further information about capitalization/style returns. Data is as of 09.30.2025. Source: FactSet. For illustrative purposes only. The views expressed represent the opinions of Sterling Capital Management. Any type of investing involves risk and there are no guarantees that these methods will be successful. Past performance is no guarantee of future results.



## **Net of Benchmark Allocations**

#### Standard Models & U.S. Focused Models

	Fixed Income	Income	Income Primary	Income & Growth	Balanced	Growth	Aggressive Growth
U.S. Equity							
Large Cap Value	0.00%	-0.50%	-0.80%	-1.00%	-1.20%	-1.50%	-2.00%
Large Cap Growth	0.00%	0.50%	0.80%	1.00%	1.20%	1.50%	2.00%
Mid Cap Value	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mid Cap Growth	0.00%	-0.13%	-0.20%	-0.25%	-0.30%	-0.38%	-0.50%
Small Cap Value	0.00%	0.56%	0.90%	1.13%	1.35%	1.69%	2.25%
Small Cap Growth	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-U.S. Equity							
International Developed Value	0.00%	-0.06%	-0.10%	-0.13%	-0.15%	-0.19%	-0.25%
International Developed Growth	0.00%	-0.13%	-0.20%	-0.25%	-0.30%	-0.38%	-0.50%
International Developed Small Cap	0.00%	0.19%	0.30%	0.38%	0.45%	0.56%	0.75%
Emerging Markets	0.00%	-0.44%	-0.70%	-0.88%	-1.05%	-1.31%	-1.75%
Total Equity	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
U.S. Aggregate Fixed Income	-2.00%	-1.50%	-1.20%	-1.00%	-0.80%	-0.50%	0.00%
International Fixed Income (Hedged)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
U.S. High Yield	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
U.S. TIPS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Emerging Markets Debt	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
U.S. Government: Short	2.00%	1.50%	1.20%	1.00%	0.80%	0.50%	0.00%
U.S. Government: Intermediate	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
U.S. Government: Long	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Fixed Income	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Allocation information is as of 10.09.2025. Benchmark weights reflect market values as of the market close on 10.08.2025 and will change through time due to differences in index returns and other factors. Net benchmark exposure for Standard Models and U.S. Focused Models is the same. Asset allocation and diversification do not assure a profit or protect against loss in declining financial markets.





Appendix

#### Disclosures & Technical Terms

Past performance is not indicative of future results. Any type of investing involves risk and there are no guarantees that these methods will be successful. Economic charts are provided for illustrative purposes only. The information provided herein is subject to market conditions and is therefore expected to fluctuate.

The opinions contained in this presentation reflect those of Sterling Capital Management LLC (SCM), are for general information only, and are educational in nature. The opinions expressed are as of the date of publication and are subject to change without notice. These opinions are not meant to be predictions and do not constitute an offer of individual or personalized investment advice. They are not intended as an offer or solicitation with respect to the purchase or sale of any security. This information and these opinions are subject to change without notice. All opinions and information herein have been obtained or derived from sources believed to be reliable. SCM does not assume liability for any loss which may result from the reliance by any person upon such information or opinions.

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SCM does not provide tax or legal advice. You should consult with your individual tax or legal professional before taking any action that may have tax or legal implications.

Core Consumer Price Index (CPI): a measure of the aggregate price level in an economy, excluding certain volatile items.

Consumer Confidence Index (CCI): measures what consumers are feeling about their expected financial situation, whether that's optimistic or pessimistic.

Option Adjusted Spread (OAS): A bond's yield spread over comparable maturity government bonds, adjusted for any embedded options.

Real Disposable Personal Income: the amount of money that an individual or household has to spend or save after federal, state, and local taxes and other mandatory charges are deducted.

Real GDP: Real gross domestic product (GDP) is an inflation-adjusted measure that reflects the value of all goods and services produced by an economy in a given year, expressed in base-year prices.

Nonfarm payroll refers to the number of jobs in the private sector and government agencies. It excludes farm workers, private household employees, proprietors, non-profit employees, and actively serving military.

Revenue-to-Firm Value: Total Index Revenues of the past 12 months divided by the sum of equity market value and the value of total debt. This is a measure of total sales generated on the total value (debt plus equity) of firms in the index.

TIPS Breakeven: The inflation rate implied by the spread in yield between U.S. TIPS (Treasury Inflation Protected Securities) and nominal U.S. Government Bonds of equal maturity.

**U.S. 3-Year Real Revenue Growth, Russell 3000 Non-Financials:** For the Russell 3000 excluding financial firms, the percentage change in trailing 12-month inflation adjusted revenue over 12-month inflation adjusted revenue three years prior.

U.S. Cyclically Adjusted Earnings Yield: The 10-year average of annual, inflation adjusted earnings divided by the current inflation adjusted price of the S&P 500 index. This measure is the inverse of the Shiller CAPE Ratio.

YOY U.S. Productivity Growth: The year-over-year growth in real U.S. output produced per hour worked for non-farm workers.

CAPE Ratio: is a valuation measure that uses real earnings per share (EPS) over a 10-year period to smooth out fluctuations in corporate profits that occur over different periods of a business cycle.

Dividend Risk: refers to the risk of a stock's dividend being cut or eliminated, or to the risk to an option when a dividend is paid.

Dividend Yields: is a financial ratio that shows how much a company pays out in dividends each year relative to its stock price.

Eurozone: consists of those Member States of the European Union that have adopted the euro as their currency.

Municipal Yield: the annual return an investor receives on a municipal bond. It's calculated based on the bond's purchase price, coupon rate, and how long the investor holds the bond.

Treasury Yield: the interest rate the U.S. government pays on its debt securities, expressed as a percentage. It's also the annual return investors earn from holding a U.S. government security.

Capitalization/Style Returns: Capitalization/Style returns are based on the S&P Indexes. All values are cumulative total return for stated period including the reinvestment of dividends. The indexes used from left to right, top to bottom are as follows: S&P 500 Value Index, S&P 500 Value Index, S&P 500 Value Index, S&P Mid Cap 400 Index, S&P Mid Cap 400 Index, S&P Mid Cap 400 Growth Index, S&P Small Cap 600 Value Index, S&P Small Cap 600 Growth Index. The S&P 500 Index is a readily available, carefully constructed, market-value-weighted benchmark of common stock performance. Currently, the S&P® Composite includes 500 of the largest stocks (in terms of stock market value) in the United States; prior to March 1957 it consisted of 90 of the largest stocks. The S&P Midcap 400 is designed to measure the performance of the middle capitalization sector of the U.S. equities market. This market capitalization weighted index was created in June of 1991 and consists of 400 domestic stocks from the NYSE, NASDAQ, and AMEX chosen for market size, liquidity group representation. The S&P SmallCap 600 is designed to measure the performance of the small capitalization sector of the U.S. equities market. This index consists of 600 domestic stocks chosen for market size, liquidity, (bid-asked spread, ownership, share turnover and number of no trade days) and industry group representation. The S&P Style indices measure growth and value along two separate dimensions, with three factors each used to measure growth and value. The Growth factors are 3 Year Change in Earnings per Share over Price per Share, 3 Year Sales per Share Growth Rate, and Momentum. The Value factors are Book Value to price Ratio, Earnings to Price Ratio, and Sales to Price Ratio.



#### Index Definitions & Disclosures

A Note on Indices: The volatility of an index varies greatly; all indices are unmanaged and investments cannot be made directly in an index. Indices are shown for illustrative purposes only and do not represent the performance of any specific investment. The indices selected by Sterling Capital Management to measure performance are representative of broad asset classes. Sterling Capital Management retains the right to change representative indices at any time.

The **Bloomberg Emerging Markets Hard Currency Aggregate Index** is a flagship hard currency Emerging Markets debt benchmark that includes USD-denominated debt from sovereign, quasi-sovereign, and corporate EM issuers.

The **Bloomberg Global Treasury Ex U.S. Hedged Index** is comprised of securities issued by developed ex. U.S. and emerging market governments. The index is hedged against constituent currencies versus the U.S. dollar.

The **Bloomberg Global Treasury Index** is a broad benchmark that tracks the performance of fixed-rate, local currency government debt of investment-grade countries, including both developed and emerging markets, excluding the United States. It's essentially the treasury sector of the Global Aggregate Index.

The **Bloomberg U.S. Aggregate Bond Inde**x is an unmanaged index composed of securities that are SEC-registered, taxable, and dollar denominated. The index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities. It is not possible to invest in the Bloomberg U.S. Aggregate Bond Index, which is unmanaged and does not incur fees and charges.

The **Bloomberg U.S. Corporate High Yield Index** measures the U.S. corporate market of non-investment grade, fixed-rate corporate bonds. Securities are classified as high yield if the middle rating of Moody's, Fitch, and S&P is Ba1/BB+/BB+ or below.

The **Bloomberg U.S. Credit Index** measures the investment grade, U.S. dollar-denominated, fixed-rate, taxable corporate and government related bond markets. It is composed of the U.S. Corporate Index and a non-corporate component that includes foreign agencies, sovereigns, supranationals and local authorities.

The Bloomberg U.S. Government Index is comprised of securities issued by the U.S. government and its agencies with at least one year until final maturity.

The **Bloomberg U.S. MBS Index** covers the mortgage-backed pass-through securities of Ginnie Mae (GNMA), Fannie Mae (FNMA), and Freddie Mac (FHLMC). It is formed by grouping the universe of individual fixed rate MBS pools into generic aggregates.

The **Bloomberg U.S. Treasury Inflation-Linked Bond Index** (Series-L) measures the performance of the U.S. Treasury Inflation Protected Securities (TIPS) market. Federal Reserve holdings of U.S. TIPS are not index eligible and are excluded from the face amount outstanding of each bond in the index.

The **Bloomberg Commodity Index** and related sub-indices are composed of futures contracts on physical commodities and represents 22 separate commodities traded on U.S. exchanges, with the exception of aluminum, nickel and zinc.

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The **Dow Jones Equity All REIT Index** is designed to measure all publicly traded real estate investment trusts in the Dow Jones U.S. stock universe classified as equity REITs according to the S&P Dow Jones Indices REIT Industry Classification Hierarchy. These companies are REITs that primarily own and operate income-producing real estate.

The ISM Manufacturing Index is a monthly indicator of U.S. economic activity based on a survey of purchasing managers at manufacturing firms nationwide.

The ISM Non-Manufacturing Index is an index that measures the economic condition and performance of service-based companies.

The ICE U.S. Dollar Index is calculated in real time approximately every 15 seconds from a multi-contributor feed of the spot prices of the Index's component currencies.



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The MSCI ACWI Investable Market Index (IMI) captures large, mid and small cap representation across 23 Developed Markets (DM) and 26 Emerging Markets (EM) countries. With 8,768 constituents, the index is comprehensive, covering approximately 99% of the global equity investment opportunity set. DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the U.K. and the U.S. EM countries include: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Malaysia, Mexico, Pakistan, Peru, Philippines, Poland, Qatar, Russia, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI World Investable Market Index (IMI) is a comprehensive global stock market index that represents large, mid, and small-cap stocks across 23 developed market countries. It captures approximately 99% of the free-float adjusted market capitalization in each country.

The MSCI EAFE Index is a free float-adjusted market capitalization index that is designed to measure the equity market performance of developed markets, excluding the U.S. and Canada.

The MSCI Emerging Markets Index is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets.

The MSCI Emerging Markets Growth Index captures large and mid cap securities exhibiting overall growth style characteristics across 26 Emerging Markets (EM) countries. The growth investment style characteristics for index construction are defined using five variables: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend.

The MSCI Emerging Markets Investable Market Index (IMI) is a stock market index that measures the performance of large, mid, and small-cap companies in emerging markets.

The MSCI Emerging Markets Value Index captures large and mid cap securities exhibiting overall value style characteristics across 26 Emerging Markets (EM) countries. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield.

The MSCI ACWI Value Index captures large and mid cap securities exhibiting overall value style characteristics across 23 Developed Markets countries and 24 Emerging Markets (EM) countries. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield.

The MSCI ACWI Growth Index captures large and mid cap securities exhibiting overall growth style characteristics across 23 Developed Markets (DM) countries and 24 Emerging Markets (EM) countries. The growth investment style characteristics for index construction are defined using five variables: long-term forward EPS growth rate, short-term forward EPS growth rate, current internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend.

The MSCI ACWI ex USA Growth Index captures large and mid cap securities exhibiting overall growth style characteristics across 22 Developed Markets (DM) countries and 26 Emerging Markets (EM) countries.

The MSCI ACWI ex USA IMI Index is a global equity index that tracks the performance of large, mid, and small-cap companies in developed and emerging markets outside the United States. It aims to capture approximately 99% of the global equity investment opportunity set excluding US equities, according to MSCI.

The MSCI ACWI Small Cap Index captures small cap representation across 22 of 23 Developed Markets (DM) countries (excluding the US) and 24 Emerging Markets (EM) countries. With 4,372 constituents, the index covers approximately 14% of the global equity opportunity set outside the US.

The MSCI ACWI Large Cap Index captures large cap representation across 22 of 23 Developed Markets (DM) countries (excluding the US) and 24 Emerging Markets (EM) countries. With 982 constituents, the index covers approximately 70% of the free float-adjusted market capitalization in each country.

The MSCI ACWI Mid Cap Index captures mid cap representation across 22 Developed Markets (DM) and 24 Emerging Markets (EM) countries. With 1,280 constituents, the index covers approximately 15% of the free float-adjusted market capitalization in each country.

The MSCI World ex USA Value Index captures large and mid cap securities exhibiting overall value style characteristics across 22 of 23 Developed Markets countries.

The MSCI World ex USA Small Cap Index captures small cap representation across 22 of 23 Developed Markets (DM) countries (excluding the United States). With 2,529 constituents, the index covers approximately 14% of the free float-adjusted market capitalization in each country.

The MSCI World ex USA Investable Market Index (IMI) captures large, mid and small cap representation across 22 of 23 Developed Markets (DM) countries--excluding the United States. With 3,540 constituents, the index covers approximately 99% of the free float-adjusted market capitalization in each country.

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The Russell Midcap® Index measures the performance of the mid-cap segment of the U.S. equity universe. The Russell Midcap® Index is a subset of the Russell 1000® Index. It includes approximately 800 of the smallest securities based on a combination of their market cap and current index membership. The Russell Midcap® Index represents approximately 31% of the total market capitalization of the Russell 1000® companies. The Russell Midcap® Index is constructed to provide a comprehensive and unbiased barometer for the mid-cap segment. The index is completely reconstituted annually to ensure larger stocks do not distort the performance and characteristics of the true mid-cap opportunity set.

The Russell 2000® Index measures the performance of the small-cap segment of the U.S. equity universe. The Russell 2000® Index is a subset of the Russell 3000® Index representing approximately 10% of the total market capitalization of that index. It includes approximately 2,000 of the smallest securities based on a combination of their market cap and current index membership. The Russell 2000® is constructed to provide a comprehensive and unbiased small-cap barometer and is completely reconstituted annually to ensure larger stocks do not distort the performance and characteristics of the true small-cap opportunity set.

The Russell 2000® Growth Index measures the performance of growth style of investing in small cap U.S. stocks. The Growth Index contains those Russell 2000 securities with greater-than-average growth orientation.

The Russell 2000® Value Index measures the performance of value style of investing in small cap U.S. stocks. The Value Index contains those Russell 2000 securities with less-than-average growth orientation. Securities in the Value Index generally have lower price-to-book and price-to-earnings ratios than those in the Growth Index.

The Russell 3000® Index measures the performance of the 3,000 largest U.S. companies based on total market capitalization.

The Russell 3000® Growth Index is an unmanaged index comprised of those Russell 3000 companies with higher price-to-book ratios and higher forecasted growth values.

The Russell 3000® Value Index measures the performance of the broad value segment of the US equity value universe.

The Russell 200® Value Index measures the performance of the especially large cap segment of the US equity universe represented by stocks in the largest 200 by market cap that exhibit value characteristics.

The Russell Midcap® Growth Index measures the performance of growth styles of investing in Mid Cap U.S. stocks. The Growth Index contains those Russell Mid Cap securities with greater-than-average growth orientation.

The Russell Midcap® Value Index measures the performance of value style of investing in Mid Cap U.S. stocks. The Value Index contains those Russell Mid Cap securities with less-than-average growth orientation. Securities in the Value Index generally have lower price-to-book and price-to-earnings ratios than those in the Growth Index.

The **Russell Top 200**® **Growth Index** offers measures the performance of the especially large cap segment of the U.S. equity universe represented by stocks in the largest 200 by market cap. It includes Russell Top 200® Index companies with higher growth earning potential as defined by Russell's leading style methodology.

The Russell Top 200® Index is an index of the largest 200 companies in the Russell 3000 index. It is commonly used as a benchmark index for U.S.-based ultra large-cap (mega-cap) stocks with the average member commanding a market capitalization of upwards of \$200 billion.

The S&P® 500 Index is an unmanaged capitalization-weighted index of 500 U.S. stocks designed to measure performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.

The **S&P Small Cap 600® Index**: The S&P SmallCap 600® Index is designed to measure the performance of the small capitalization sector of the U.S. equities market. This index consists of 600 domestic stocks chosen for market size, liquidity, (bid-asked spread, ownership, share turnover and number of no trade days) and industry group representation.

The **S&P Mid Cap 400**<sup>®</sup> **Index**: The S&P MidCap 400<sup>®</sup> Index is designed to measure the performance of the mid capitalization sector of the U.S. equities market. This index consists of 400 domestic stocks chosen for market size, liquidity, (bid-asked spread, ownership, share turnover and number of no trade days) and industry group representation.

The **S&P 1500**: An investable U.S. equity benchmark, the S&P Composite 1500 combines three leading indices, the S&P 500®, the S&P MidCap 400, and the S&P SmallCap 600 to cover approximately 90% of the U.S. market capitalization. It is designed for investors seeking to replicate the performance of the U.S. equity market or benchmark against a representative universe of tradable stocks.

The **Trade-Weighted U.S. Dollar Index**, also known as the broad index, is a measure of the value of the United States dollar relative to other world currencies. It is a trade weighted index that improves on the older U.S. Dollar Index by using more currencies and the updating the weights yearly.

The Volatility Index (VIX) is a real-time market index representing the market's expectations for volatility over the coming 30 days.

