

4th Quarter 2024 Market Environment

### The Economy

- The US Federal Reserve (the Fed) continued to loosen its policy stance during the quarter with two fed funds rate cuts totaling 0.50%, bringing the year-end rate to a range of 4.25%-4.50%. While the Fed conveyed a degree of confidence that the fight against inflation is progressing in its December press release, Fed Chairman Jerome Powell signaled in his post-meeting press conference that the pace and timing of future rate cuts is unclear. The Fed's December "Dot Plot" now projects only two quarter-point rate cuts in 2025, down from four anticipated cuts in September's plot.
- Growth in the US labor market continued during the fourth quarter. US payrolls grew by 256,000 in December, up from the previous month's total of 212,000, and well above the 155,000 projected. If strength in the labor market continues, this data could support a slower pace Fed action in the form of policy rate reductions in 2025.

### **Equity (Domestic and International)**

- US equity results were modestly higher for the quarter. Markets also saw a return to the narrowly focused technology and communication services company exuberance which has dominated domestic performance in recent years. The S&P 500 Index rose 2.4% for the quarter with the small-cap Russell 2000 Index managing just a 0.3% rise. The rotation away from large cap growth stocks during the third quarter seemed to reverse as the Russell 1000 Growth Index once again outpaced the Russell 1000 Value Index by a large margin.
- Large-cap equity benchmarks continue to represent a heavy concentration among a limited number of stocks. As of quarter end, the weight of the top 10 stocks in the S&P 500 Index exceeded 35%.
- Most international stocks faltered during the fourth quarter and US Dollar (USD) denominated results were further exacerbated by a strengthening USD. The USD performance of international stocks fell short of local currency (LCL) returns in most regions for the quarter, albeit to varying degrees.

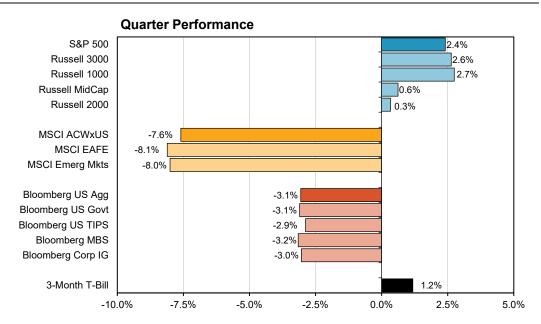
### **Fixed Income**

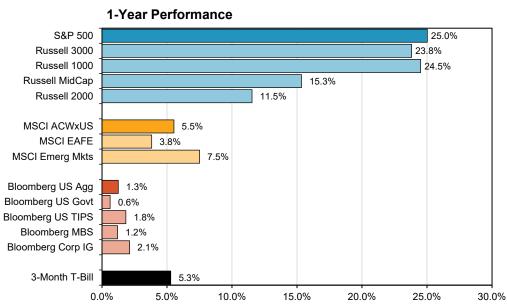
- Fixed-income markets traded lower during the quarter on the back of the Fed's ongoing policy actions. Short term Treasury yields fell while longer term yields rose, leading to a slight steepening in the yield curve. The yield on the bellwether 10-year Treasury advanced by 0.84% during the quarter, closing the year at a yield of 4.58%. The inverse relationship between prices and yields resulted in the Bloomberg US Aggregate Bond Index posting a -3.1% loss for the quarter.
- High-yield bonds outpaced the Bloomberg US Aggregate Bond Index for the quarter, largely due to higher coupons, a shorter duration profile, and a small narrowing of the option-adjusted spread (OAS) for the Bloomberg US High-Yield Index.
- Global bonds fell during the quarter, with the Bloomberg Global Aggregate ex-US returning -6.8% in USD terms. Like international equity results, global bond performance was dragged down by a strengthening USD during the quarter.

### **Market Themes**

- Strength in the US Dollar during the quarter led to relative weakness in international markets. Many of the major currencies depreciated relative to the US Dollar as the year came to a close. Latin America saw the most significant decline during the period while the Pacific region was the only region to post positive LCL returns.
- The AI trade that has taken shape for much of the past two years continued in 2024 with the communication services and information technology sectors each posting gains of more than 35% for the year. This phenomenon contributed to narrow market leadership particularly within the large-cap segment of the market. The concentration in the large-cap indexes helped the S&P 500 post its second straight year of greater than a 20% return, further widening the performance gap between large and smaller capitalization benchmarks.
- Ongoing military conflicts in Ukraine and the Middle East, coupled with global economic uncertainty, continue to act as headwinds for international market results, further complicated by an advancing USD.
- The results of the most recent US presidential election appeared to please domestic equity markets in anticipation of the new administration supporting loosened regulations and pro-growth policies. As we move into the new year, equity markets will need to digest the anticipated effects of proposed tax legislation changes, a new view on foreign policy, and potential trade tariffs by the new administration.

- Domestic equity markets continued to climb higher during the quarter. Large-cap stocks returned to the forefront, outpacing small-cap stocks. The S&P 500 rose 2.4% during the quarter versus a muted gain of 0.3% for the Russell 2000 Index. The broad capitalization Russell 3000 Index, which benefited from strength in mid- and large-cap names, returned 2.6% for the quarter.
- International developed market equities reversed course and soured during the fourth quarter with the USD performance of the broad benchmarks each trading lower than (LCL) currency performance. The broad MSCI ACWI ex US Index delivered a disappointing -7.6% for the quarter but was down less than both the MSCI EAFE and MSCI EM indexes. The broad index was aided by Canada, which is not included in the EAFE or EM indexes. International developed market (DM) equities narrowly fell behind emerging market (EM) equities, returning -8.1% and -8.0%, respectively for the quarter. Negative performance for the international indexes was broad-based and not localized to any specific region.
- Broad market fixed-income benchmarks displayed a poor finish to the year as many of the core indexes succumbed to a steepening of the yield curve and the prospect of fewer rate cuts in 2025. The Bloomberg US Aggregate Index returned -3.1% for the quarter. The TIPS market, which is not part of the Aggregate Index, was also negative, posting a return of -2.9% for the quarter. While the performance differentials were small, the Mortgage-Backed Securities Index lagged other domestic bond market segments with a benchmark return of -3.2% for the quarter.
- Domestic equity indexes finished the year by adding to their already strong returns over the trailing one-year period. The S&P 500 Index gained 25.0% for the year and the Russell 1000 Index returned 24.5%. The weakest performing capitalization range of domestic equities for the year was the small-cap Russell 2000 Index, which still managed a double-digit climb over the last 12 months, returning a solid 11.5%.
- Domestic bond indexes' results were mixed throughout the year but still managed to deliver positive annual results. While the performance spread was narrow, investment-grade corporate bonds led bond index results for the year, returning a muted 2.1%. The government bond index lagged for the year, but was also positive, posting a return of 0.6%.
- International equity markets also delivered positive results for the trailing oneyear period. The MSCI EM Index was the best international performer, returning 7.5%, while the MSCI EAFE and MSCI ACWI ex US indexes posted returns of 3.8% and 5.5%, respectively.



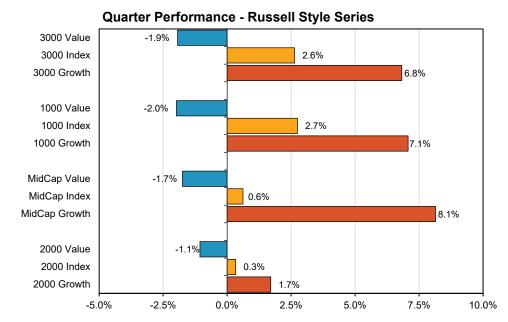


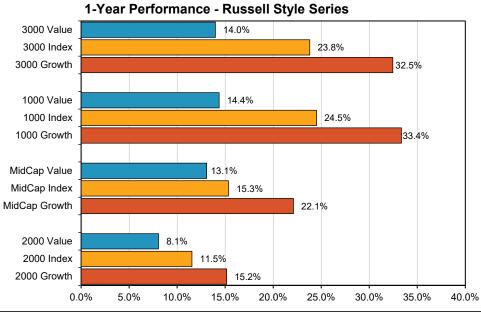
Source: Investment Metrics

As of December 31, 2024

- Domestic equity benchmarks exhibited a return to their long-run trend of growth style companies vastly outperforming value during the fourth quarter. This theme was relatively consistent across the capitalization spectrum with growth benchmarks dominating performance results while value benchmarks each posted negative returns for the quarter.
- The broadest disparity between growth and value was visible in the mid-cap index. The Russell Mid Cap Value Index return of -1.7% trailed the Russell Mid Cap Growth Index return of 8.1%, a performance span of nearly 10%. The Russell Mid Cap Growth Index was also the best performing segment of the equity market during the quarter. Conversely, the worst performing segment of the market was large cap value which returned a disappointing -2.0% during the fourth quarter.

- This quarter's ascension of the growth indexes widened their performance gaps relative to the value indexes for the trailing year. The Russell 1000 Growth Index amassed a staggering 33.4% for the year, leading the way among style and market capitalization index performance. Much of the year's strong performance has been attributable to the emergence of the "Magnificent 7" stocks (Alphabet, Amazon, Apple, Meta, Microsoft, Nvidia, and Tesla) which have dominated the large-cap core and growth indexes and the headlines over the past several years. The 10 largest stocks in the Russell 1000 Index have contributed more than 50% of the index's total performance over the trailing 12-month period. The weakest performing index for the year was the Russell 2000 Value Index, which still climbed 8.1%.
- The strength of growth sectors is also evident in the trailing one-year period with the chart on the right showing growth benchmarks at all capitalization ranges outpacing their value counterparts. The performance gap between the Russell 1000 Growth Index and the Russell 1000 Value Index was nearly 20% and the gaps for mid- and small-cap indexes were narrower, but still wide.

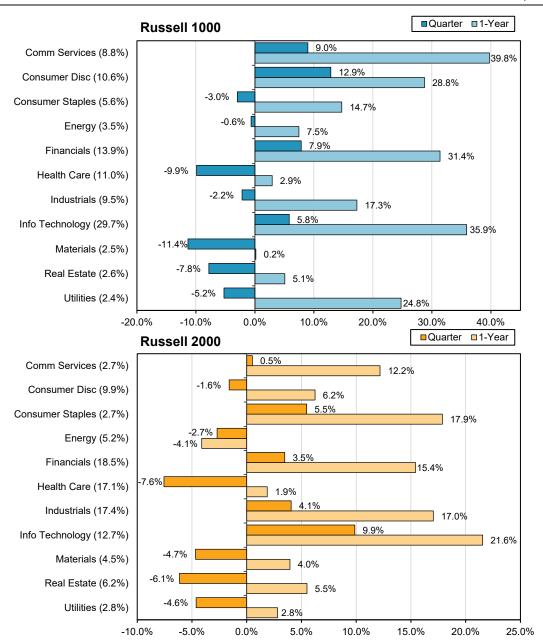




Source: Investment Metrics

As of December 31, 2024

- Economic sector performance delivered mixed results in the fourth quarter as just four of the 11 economic sectors moved higher in the large-cap index. While performance during the year could be characterized by broader participation in the domestic equity markets, this was not the case during the fourth quarter as only the communication services, consumer discretionary, financials, and information technology sectors managed to post positive returns. Within the large cap index, consumer discretionary stocks led the way, collectively returning 12.9% for the quarter while the materials sector struggled, falling -11.4% during the period.
- Full year results during 2024 showcased strong performance across the economic sector classifications. Communication services narrowly outpaced information technology for the year, posting returns of 39.8% and 35.9%, respectively, with financials coming in third with a return of 31.4%. While all sectors posted positive returns for the year, the broad index's strong performance during 2024 was largely driven by three of the five most heavily weighted index sectors.
- Similar to the large cap benchmark, just five of the 11 small-cap economic sectors gained value during the quarter. Communication services, consumer staples, financials, industrials, and information technology led the way with information technology as the best performing sector during the quarter. Health care faltered as the worst-performing sector with a return of -7.6% during the quarter, followed closely by real estate, which finished the quarter with a return of -6.1%.
- Despite their struggles during the most recent quarter, small-cap stocks delivered strong results for the year. Ten small-cap sectors advanced higher during the trailing one-year period, making energy the lone negative performer over the period. The sector's -2.7% return during the fourth quarter pushed the sector's performance to -4.1% for the trailing year. Information technology (up 21.6%) was the only sector to cross the 20% return threshold, but four others also amassed double digit positive returns for the calendar year.



Source: Morningstar Direct

As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.

### The Market Environment Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000

As of December 31, 2024

Top 10 Weighted Stocks							
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector			
Apple Inc	6.6%	7.6%	30.7%	Information Technology			
NVIDIA Corp	5.8%	10.6%	171.2%	Information Technology			
Microsoft Corp	5.8%	-1.8%	12.9%	Information Technology			
Amazon.com Inc	3.8%	17.7%	44.4%	Consumer Discretionary			
Meta Platforms Inc Class A	2.4%	2.4%	66.0%	Communication Services			
Tesla Inc	2.1%	54.4%	62.5%	Consumer Discretionary			
Alphabet Inc Class A	2.1%	14.3%	36.0%	Communication Services			
Broadcom Inc	2.0%	34.7%	110.4%	Information Technology			
Alphabet Inc Class C	1.7%	14.0%	35.6%	Communication Services			
Berkshire Hathaway Inc Class B	1.5%	-1.5%	27.1%	Financials			

Top 10 Weighted Stocks						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
FTAI Aviation Ltd	0.5%	8.6%	214.7%	Industrials		
Sprouts Farmers Market Inc	0.5%	15.1%	164.1%	Consumer Staples		
Insmed Inc	0.4%	-5.4%	122.8%	Health Care		
Vaxcyte Inc Ordinary Shares	0.4%	-28.4%	30.4%	Health Care		
Credo Technology Group Holding Ltd	0.4%	118.2%	245.2%	Information Technology		
Applied Industrial Technologies Inc	0.3%	7.5%	39.7%	Industrials		
Mueller Industries Inc	0.3%	7.4%	70.5%	Industrials		
Rocket Lab USA Inc	0.3%	161.8%	360.6%	Industrials		
Fluor Corp	0.3%	3.4%	25.9%	Industrials		
IonQ Inc Class A	0.3%	377.9%	237.1%	Information Technology		

Тор	Top 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Astera Labs Inc	0.0%	152.8%	N/A	Information Technology		
AppLovin Corp Ordinary Shares	0.2%	148.1%	712.6%	Information Technology		
Trump Media & Technology Group	0.0%	112.2%	N/A	Communication Services		
Palantir Technologies Inc Ordinary	0.3%	103.3%	340.5%	Information Technology		
SoFi Technologies Inc Ordinary Shares	0.0%	95.9%	54.8%	Financials		
Amer Sports Inc	0.0%	75.3%	N/A	Consumer Discretionary		
MicroStrategy Inc	0.1%	71.8%	358.5%	Information Technology		
United Airlines Holdings Inc	0.1%	70.2%	135.3%	Industrials		
New Fortress Energy Inc	0.0%	66.3%	-59.3%	Utilities		
Twilio Inc Class A	0.0%	65.7%	42.5%	Information Technology		

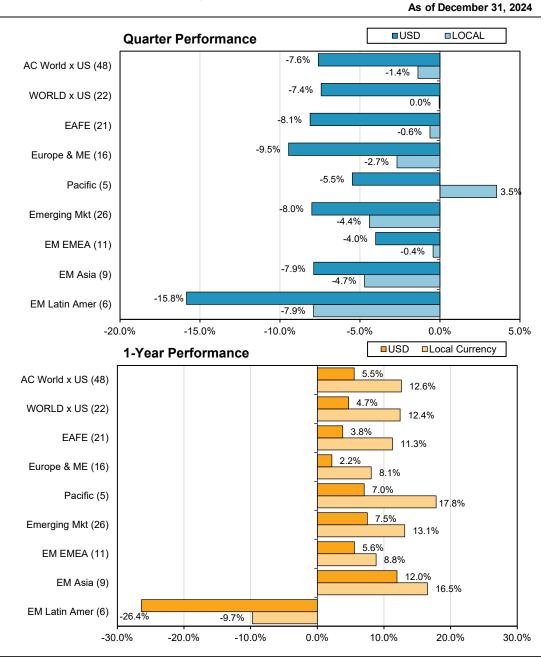
Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Rigetti Computing Inc	0.1%	1848.7%	1449.4%	Information Technology		
D-Wave Quantum Inc.	0.0%	754.6%	854.4%	Information Technology		
Scholar Rock Holding Corp	0.1%	439.6%	129.9%	Health Care		
IonQ Inc Class A	0.3%	377.9%	237.1%	Information Technology		
SoundHound Al Inc Ordinary Shares	0.2%	325.8%	835.8%	Information Technology		
Kodiak Sciences Inc	0.0%	281.2%	227.3%	Health Care		
The RealReal Inc	0.0%	248.1%	443.8%	Consumer Discretionary		
SES AI Corp	0.0%	242.3%	19.7%	Industrials		
Poseida Therapeutics Inc Ordinary	0.0%	235.7%	185.7%	Health Care		
Archer Aviation Inc Class A	0.1%	221.8%	58.8%	Industrials		

Bottom 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Capri Holdings Ltd	0.0%	-50.4%	-58.1%	Consumer Discretionary		
Celanese Corp Class A	0.0%	-48.8%	-54.6%	Materials		
Rocket Companies Inc Ordinary	0.0%	-41.3%	-22.2%	Financials		
Enphase Energy Inc	0.0%	-39.2%	-48.0%	Information Technology		
Moderna Inc	0.0%	-37.8%	-58.2%	Health Care		
Acadia Healthcare Co Inc	0.0%	-37.5%	-49.0%	Health Care		
Viking Therapeutics Inc	0.0%	-36.4%	116.2%	Health Care		
10x Genomics Inc Ordinary	0.0%	-36.4%	-74.3%	Health Care		
Monolithic Power Systems Inc	0.1%	-35.9%	-5.6%	Information Technology		
The AES Corp	0.0%	-35.1%	-30.3%	Utilities		

Bottom 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Q32 Bio Inc	0.0%	-92.3%	0.0%	Health Care		
Cassava Sciences Inc	0.0%	-92.0%	-89.5%	Health Care		
Applied Therapeutics Inc	0.0%	-89.9%	-74.4%	Health Care		
Perspective Therapeutics Inc	0.0%	-76.1%	-20.6%	Health Care		
Keros Therapeutics Inc	0.0%	-72.7%	-60.2%	Health Care		
Bioage Labs Inc	0.0%	-72.2%	N/A	Health Care		
Inovio Pharmaceuticals Inc	0.0%	-68.3%	-70.1%	Health Care		
PACS Group Inc	0.0%	-67.2%	N/A	Health Care		
Shattuck Labs Inc Ordinary Shares	0.0%	-65.3%	-83.0%	Health Care		
Sunnova Energy International Inc	0.0%	-64.8%	-77.5%	Utilities		

Source: Morningstar Direct

- Results in USD terms among the headline international equity indexes were sharply lower during the quarter. The strengthening USD relative to many major currencies during the quarter was a substantial headwind for the USD performance of non-US regional benchmarks' returns. The developed-market MSCI EAFE Index returned a muted -0.6% in LCL terms but fell -8.1% in USD terms. The MSCI ACWI ex-US Index pulled back -7.6% in USD and -1.4% in LCL terms for the quarter.
- Latin America continued to lag other regions during the quarter in USD terms, posting an outsized loss of -15.8%. Weakening currencies in the region put added pressure on realized performance for US investors. The MSCI Pacific benchmark was the only regional benchmark to deliver positive performance in LCL terms with a return of 3.5%, but USD strength led to a -5.5% decline in USD terms for the quarter. Regional LCL currency performance was disparate for the quarter, with some regional indexes remaining relatively flat over the final three months of the year.
- Full year results by country show Taiwan and Malaysia as the biggest winners during the year in USD terms. These two countries advanced 34.4% and 20.8%, respectively. China was not far behind with the largest economy in the emerging market world climbing 19.4% in USD terms for the year despite declining 7.7% during the fourth quarter. Much of the broad-based MSCI Emerging Market Index's returns are attributable to the health of the dominant Chinese economy, which came under pressure during the year due to troubles in the manufacturing and commercial property sectors.
- Much like domestic markets, trailing one-year results for international developed and emerging markets benchmarks were strongly positive. Higher LCL versus USD returns for most international benchmarks demonstrate the USD's relative strength over the trailing one-year period, which represents a drag on results for US investors.
- Most broad and regional indexes were positive for the trailing 12 months in both USD and LCL terms. The exception to these positive results is the EM Latin America index, where negative LCL performance was exacerbated by the region's currency weakness, which led to a more severe 26.4% return in USD terms. The MSCI Pacific Index led the way with a return of 17.8% in LCL terms for the trailing year, but US investor returns were dampened to just 7.0% in USD terms.



Source: MSCI Global Index Monitor (Returns are Net)

As of December 31, 2024

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.8%	-4.7%	11.2%
Consumer Discretionary	11.3%	-4.3%	1.4%
Consumer Staples	8.3%	-12.6%	-7.9%
Energy	3.5%	-8.3%	-10.5%
Financials	21.9%	-2.3%	20.9%
Health Care	12.4%	-14.1%	-1.5%
Industrials	17.8%	-6.4%	9.6%
Information Technology	8.8%	-7.2%	3.8%
Materials	6.1%	-17.8%	-12.9%
Real Estate	2.0%	-13.4%	-3.9%
Utilities	3.2%	-12.8%	-4.1%
Total	100.0%	-8.1%	3.8%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.9%	-6.8%	12.4%
Consumer Discretionary	11.2%	-8.1%	4.6%
Consumer Staples	7.0%	-12.4%	-7.8%
Energy	5.0%	-7.9%	-3.5%
Financials	23.7%	-2.8%	17.5%
Health Care	8.8%	-13.9%	-1.4%
Industrials	14.0%	-7.1%	7.5%
Information Technology	13.5%	-1.8%	13.3%
Materials	6.3%	-17.2%	-12.6%
Real Estate	1.8%	-11.5%	-1.7%
Utilities	3.0%	-12.8%	-2.0%
Total	100.0%	-7.6%	5.5%

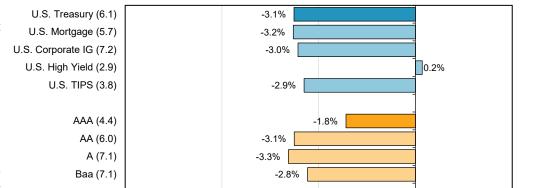
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	9.4%	-8.1%	15.9%
Consumer Discretionary	13.1%	-14.5%	11.8%
Consumer Staples	4.8%	-13.9%	-11.1%
Energy	4.6%	-14.5%	-5.9%
Financials	23.7%	-5.0%	11.0%
Health Care	3.5%	-11.7%	-0.9%
Industrials	6.6%	-10.9%	0.6%
Information Technology	24.3%	1.1%	20.4%
Materials	5.7%	-18.6%	-19.6%
Real Estate	1.7%	-6.5%	3.8%
Utilities	2.7%	-14.1%	3.3%
Total	100.0%	-8.0%	7.5%

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	23.2%	14.5%	-3.6%	8.3%
United Kingdom	14.9%	9.3%	-6.8%	7.5%
France	11.1%	6.9%	-10.3%	-5.3%
Switzerland	9.6%	6.0%	-11.3%	-2.0%
Germany	9.2%	5.8%	-5.7%	10.2%
Australia	7.4%	4.6%	-11.4%	1.2%
Netherlands	4.6%	2.9%	-12.4%	1.4%
Sweden	3.6%	2.2%	-14.0%	-3.7%
Denmark	2.9%	1.8%	-21.5%	-12.9%
Italy	2.8%	1.7%	-6.7%	11.3%
Spain	2.8%	1.7%	-9.2%	9.8%
Hong Kong	2.0%	1.2%	-9.8%	0.1%
Singapore	1.7%	1.0%	3.2%	32.3%
Belgium	1.0%	0.6%	-8.3%	8.5%
Finland	1.0%	0.6%	-13.1%	-7.3%
Israel	1.0%	0.6%	14.1%	38.3%
Norway	0.6%	0.4%	-5.4%	-4.3%
Ireland	0.3%	0.2%	-12.6%	14.0%
New Zealand	0.2%	0.1%	-6.0%	-1.5%
Austria	0.2%	0.1%	1.1%	18.3%
Portugal	0.2%	0.1%	-22.7%	-25.2%
Total EAFE Countries	100.0%	62.3%	-8.1%	3.8%
Canada		8.1%	-1.8%	11.9%
Total Developed Countries		70.4%	-7.4%	4.7%
China		8.2%	-7.7%	19.4%
Taiwan		5.8%	3.3%	34.4%
India		5.8%	-11.3%	11.2%
Korea		2.7%	-19.2%	-23.4%
Saudi Arabia		1.2%	-1.5%	0.6%
Brazil		1.2%	-19.4%	-29.8%
South Africa		0.9%	-12.1%	6.7%
Mexico		0.5%	-10.6%	-27.1%
Malaysia		0.5%	-6.9%	20.8%
Indonesia		0.4%	-15.6%	-13.0%
Thailand		0.4%	-10.1%	1.3%
United Arab Emirates		0.4%	9.0%	19.6%
Qatar		0.3%	-0.2%	6.1%
Poland		0.2%	-11.5%	-6.7%
Kuwait		0.2%	1.2%	10.5%
Turkey		0.2%	-3.2%	17.8%
Philippines		0.2%	-13.9%	-0.7%
Greece		0.1%	-6.2%	8.9%
Chile		0.1%	-6.8%	-7.5%
Peru		0.1%	-9.1%	15.8%
Hungary		0.1%	-2.3%	14.0%
Czech Republic		0.0%	0.9%	4.0%
Colombia		0.0%	-0.2%	7.9%
Egypt		0.0%	-9.0%	-31.2%
Total Emerging Countries		29.7%	-8.0%	7.5%
Total ACWIxUS Countries		100.0%	-7.6%	5.5%

Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.

- Domestic fixed-income markets declined during the fourth quarter despite two additional 0.25% rate cuts by the Fed. Although the Fed's action moved short-term rates lower, longer-term yields advanced during the quarter, leading to a modest steepening of the Treasury Yield Curve. The Fed's target range is now set at 4.25%-4.50% at year-end, down a full percentage point, including the first 0.50% cut in September of 2024.
- While the Fed's first rate cut in September was initially celebrated by fixed income investors and boosted the levels of the indexes during the third quarter, many of the core indexes fell during the fourth quarter as longer-term yields advanced and worked against the Fed's short-term rate declines. Performance across the investment-grade index's segments declined with the Treasury, Mortgage-Backed and Corporate IG indexes falling in a tight range around -3.0%. Higher quality issues performed better, as BBB issues fell by -2.8%, while AAA issues fell a smaller -1.8% due in large part to their lower duration (4.4 vs. 7.1 years).
- High Yield bonds outperformed investment grade issues as longer-term yields climbed. This was primarily due to the high-yield benchmark's lower duration and higher coupon income. Despite their lower credit quality, below-investment grade issues returned just 0.2% for the quarter, but still outpaced all other broad-based investment-grade fixed income indexes.
- Over the trailing one-year period, the Bloomberg US Aggregate Bond Index posted a return of 1.3%. The benchmark's sub-components also posted positive performance over the trailing 12 months with the Bloomberg US Corporate Investment Grade Index rising 2.1% and the US Mortgage Index returning 1.2%. US TIPS, which are excluded from the Bloomberg US Aggregate Bond Index, returned 1.8% for the trailing year.
- Results were mixed across credit qualities of investment grade issues. The performance of AAA issues was aided by their lower duration and returned 3.1% while AA issues returned only 0.8% for the year. High yield bonds were also the best performing segment of the market for the year, returning an outsized 8.2%, more than double any other segment of the domestic fixed income market. Results in high yield were spurred by stable credit spreads and higher coupon income.
- The Bloomberg Global Aggregate ex-US Index finished both the quarter and the year significantly weaker than its domestic benchmark counterpart. Strength in the USD was a primary driver in the international index's weak -6.8% fourth quarter performance and its -4.2% return for the calendar year.



-3.1%

-2.1%

**Quarter Performance** 

-5.0%

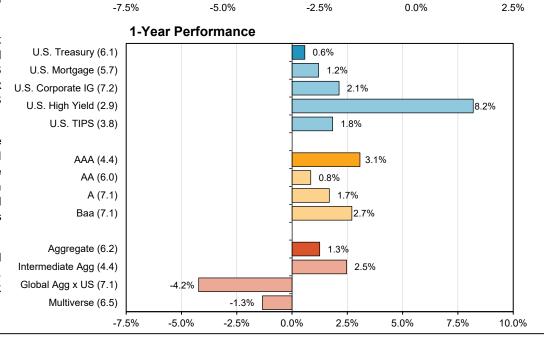
Aggregate (6.2)

Multiverse (6.5)

-6.8%

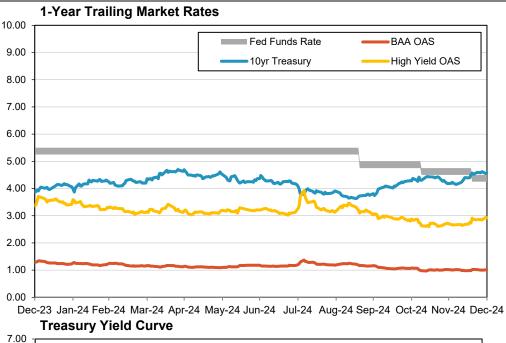
Intermediate Agg (4.4)

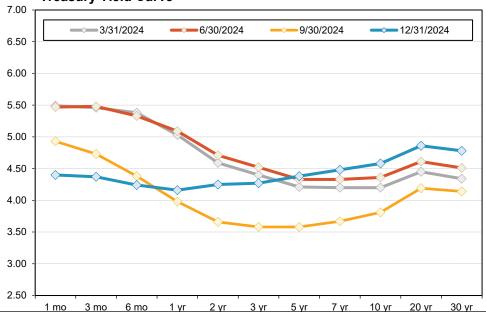
Global Agg x US (7.1)



Source: Bloomberg

- The gray band across the graph illustrates the fed funds target rate range over the last 12 months. During the fourth quarter, the Federal Open Market Committee (FOMC) cut its policy rates by 0.50% with two successive 0.25% cuts in November and December. The target policy range now stands at 4.25-4.50%, a level not seen since January of 2023. With inflation declining and unemployment remaining largely stable, the Fed has pivoted from its restrictive monetary policy stance. The most recent FOMC press release continued to emphasize economic data-dependent outcomes while placing greater emphasis on the second part of the committee's dual mandate: full employment. The CME FedWatch tool, which forecasts rates based on fed fund futures pricing, showed a greater than 90% probability of no rate decrease at the FOMC January meeting at the time of this writing. Fed officials and market participants continue to express concern that leaving rates at their current elevated levels for an extended period could tip the US economy into a recession.
- The yield on the US 10-year Treasury (blue line of the top chart) rose 0.84% during the quarter. The bellwether benchmark rate opened the quarter at a yield of 3.74% and finished December at a yield of 4.58%, which is its highest level since May 2024.
- The red line in the top chart shows the option-adjusted spread (OAS) for BAA-rated corporate bonds. This measure quantifies the additional yield premium investors require to purchase and hold non-US Treasury issues with the lowest investment grade rating. During the quarter, the yield spread experienced a slight decline, beginning October at 1.13% and finishing December at 1.02%. High-yield OAS spreads (represented by the yellow line in the top chart) also remained relatively stable, despite a sharp spike in early August spurred by an unwinding of the yen carry trade. The high-yield OAS fell by 0.11% over the quarter from 3.03% to 2.92%. The spread measure's relative stability over the trailing year results from steady economic growth, stable monetary policy, and falling inflation readings.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. For the first time since November 2022, the quarter-end yield on the 30-year Treasury was higher than the one-month Treasury. Furthermore, the spread between the two-year yield and the 10-year yield continued to widen during the quarter, growing from 0.15% in October to 0.30% at year end. The yield curve had been inverted for much of the last two years. This 2-10-year yield curve inversion is a common heuristic used to foretell a pending recession.





Source: US Department of Treasury, FRED (Federal Reserve of St. Louis)

### CME FedWatch Tool - CME Group

Effective Federal Funds Rate - FEDERAL RESERVE BANK of NEW YORK (newyorkfed.org)

ICE BofA US High Yield Index Option-Adjusted Spread (BAMLH0A0HYM2) | FRED | St. Louis Fed (stlouisfed.org)

When will the Federal Reserve start cutting interest rates? | J.P. Morgan Asset Management (jpmorgan.com)

U.S. Department of the Treasury

China's Economy Limps Into 2024 – WSJ Support Site - Global Index Lens: Index Returns – MSCI

Federal Reserve issues FOMC statement

The Fed - Meeting calendars and information (federalreserve.gov)

The Federal Reserve's latest dot plot, explained – and what it says about interest rates | Bankrate

Why Chinese banks are now vanishing (economist.com)

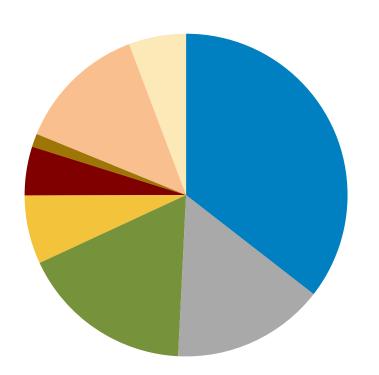
Fed rate cut: Here's what changed in the central bank's statement (cnbc.com)

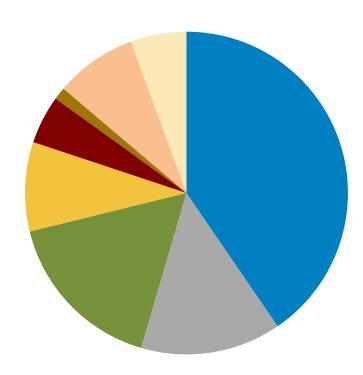
10-Year Treasury Constant Maturity Minus 2-Year Treasury Constant Maturity (T10Y2Y) | FRED | St. Louis Fed (stlouisfed.org)

The Fed's dot plot shows only two rate cuts in 2025, fewer than previously projected

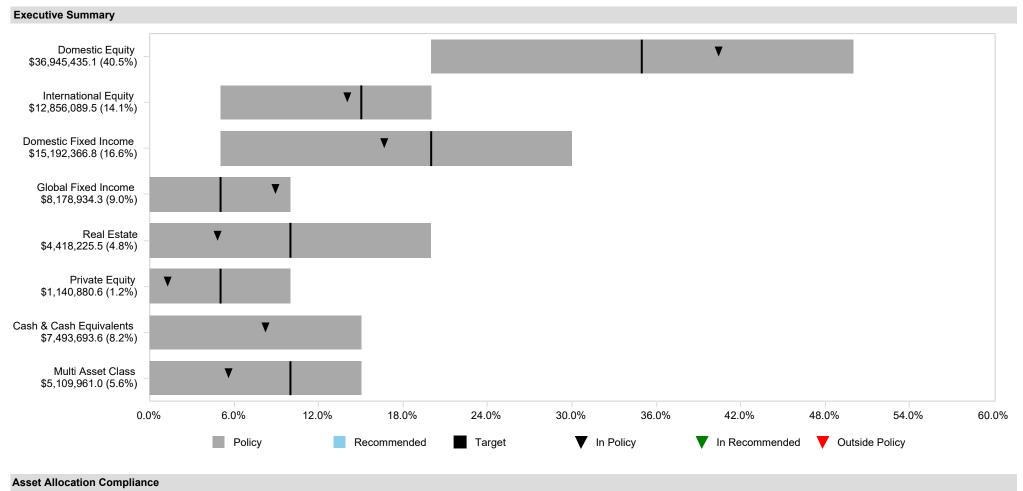
Asset Allocation By Segment as of September 30, 2024 : \$90,561,171

Asset Allocation By Segment as of December 31, 2024 : \$91,335,586





cation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
■ Domestic Equity	32,167,604	35.5	■ Domestic Equity	36,945,435	40.5
■ International Equity	13,828,766	15.3	International Equity	12,856,089	14.1
■ Domestic Fixed Income	15,664,410	17.3	Domestic Fixed Income	15,192,367	16.6
Global Fixed Income	6,230,672	6.9	Global Fixed Income	8,178,934	9.0
■ Real Estate	4,418,225	4.9	Real Estate	4,418,225	4.8
■ Private Equity	1,210,085	1.3	Private Equity	1,140,881	1.2
Cash Equivalent	11,836,713	13.1	Cash Equivalent	7,493,694	8.2
Multi Asset Class	5,204,695	5.7	Multi Asset Class	5,109,961	5.6



	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Maximum Allocation (%)	Target Allocation (%)	Target Rebal. (\$000)
Domestic Equity	36,945,435	40.5	20.0	50.0	35.0	-4,977,980
International Equity	12,856,089	14.1	5.0	20.0	15.0	844,248
Domestic Fixed Income	15,192,367	16.6	5.0	30.0	20.0	3,074,750
Global Fixed Income	8,178,934	9.0	0.0	10.0	5.0	-3,612,155
Real Estate	4,418,225	4.8	0.0	20.0	10.0	4,715,333
Private Equity	1,140,881	1.2	0.0	10.0	5.0	3,425,899
Cash & Cash Equivalents	7,493,694	8.2	0.0	15.0	0.0	-7,493,694
Multi Asset Class	5,109,961	5.6	0.0	15.0	10.0	4,023,598
Total Fund	91,335,586	100.0	N/A	N/A	100.0	-

	Market Value 01/01/2024	Contributions	Distributions	Net Transfers	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Valu 12/31/2024
Fotal Fund (Net of Liabilities)	68,697,571	19,395,662	-3,250,000	-	-18,190	-20,118	2,466,483	4,064,179	91,335,586
Total Equity Composite	28,870,856	-	-	15,800,000	-18,190	-45	590,053	4,611,173	49,853,847
Total Domestic Equity Composite	21,616,257	-	-	10,400,000	-18,190	-45	408,138	4,591,598	36,997,757
Fidelity Total Market Ix (FSKAX)	8,035,707	-	-	19,342,053	-	-	359,713	3,954,686	31,692,160
Vanguard Total Stock Market Index (VTSAX)	11,188,464	-	-	-11,505,256	-	-	-	316,792	
Fisher Investments	-	-	-	5,000,000	-18,190	-45	48,425	275,408	5,305,597
Clarkston Partners (CISMX)	2,392,085	-	-	-2,436,797	-	-	-	44,712	
International Equity Composite	7,254,599	-	-	5,400,000	-	-	181,915	19,575	12,856,089
Europacific Growth Fund R6 (RERGX)	7,254,599	-	-	5,400,000	-	-	181,915	19,575	12,856,089
Total Fixed Income Composite	29,248,084	19,395,636	-3,250,000	-15,963,841		-20,073	1,564,041	-294,486	30,679,362
Total Liquid Fixed Income Composite	15,471,329	19,395,636	-3,250,000	-24,963,841	_	-20,073	653,857	-	7,286,909
Capital One New R&D Fund	15,130,954	19,395,636	-3,250,000	-24,963,841	-	-20,073	632,552	-	6,925,228
Capital One New System DROP	340,376	-	-	-	-	-	21,305	-	361,681
Domestic Fixed Income Composite	11,381,297	-	<u>-</u>	3,500,000	-	-	580,377	-269,308	15,192,366
Baird Aggregate Bond Fund (BAGIX)	11,381,297	-	-	3,500,000	-	-	580,377	-269,308	15,192,366
Total International Fixed Income	2,395,458	-	-	5,500,000	-	_	329,807	-25,178	8,200,087
Hartford Strategic Income Fund R6 (HSNVX)	1,201,273	-	-	2,750,000	-	-	181,097	552	4,132,923
PIMCO Income Fund (PIMIX)	1,194,185	-	-	2,750,000	-	-	148,709	-25,730	4,067,165

	Market Value 01/01/2024	Contributions	Distributions	Net Transfers	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2024
Liquid Alternatives Composite	4,782,926	-	-	-	-	-	293,063	60,011	5,136,000
Blackrock Multi Asset Income-K (BKMIX)	4,782,926	-	-	-	-	-	293,063	60,011	5,136,000
Private Equity Composite	81,917	-	-	163,841		-	-	18,261	264,019
Taurus Private Markets Fund II, LP	81,917	-	-	163,841	-	-	-	18,261	264,019
Legacy Assets Composite	5,713,787	25	-	-	•	-	19,325	-330,780	5,402,358
Capital One Other Assets (equity assets)	336	-	-	-4	-	-	4	-335	1
Capital One Other Assets (fixed assets)	87,912	25	-	4	-	-	19,321	6	107,269
Whalehaven Capital	1	-	-	-	-	-	-	-	1
Endgame Entertainment Company, LLC	137,296	-	-	-	-	-	-	-137,295	1
Fire Flix (Goldstar Films)	1	-	-	-	-	-	-	-	1
Greenspring Crossover Ventures I, LP 5124	394,699	-	-	-	-	-	-	-145,739	248,960
Murphree Venture Partners 1842	66,874	-	-	-	-	-	-	-43,967	22,907
Trans Europe Buyout III 2303	-	-	-	-	-	-	-	-	-
Louisiana Fund I 3044	520,865	-	-	-	-	-	-	-	520,865
SAIL Venture Partners II 3061	1	-	_	-	-	-	-	-	1
Louisiana Sustainability Fund LP 1854	1	-	_	-	-	-	-	-	1
Wilton Private Equity	87,576	-	_	-	-	-	-	-3,450	84,126
Fire Game (TGGI) 1846	301,000	-	_	-	-	-	-	-	301,000
Fire Phoenix (Austin) 3053	-	-	-	-	-	-	-	-	-
Fire Lake Development 1819	2,095,081	-	-	-	-	-	-	-	2,095,081
Fire Lake Entertainment 1819	2,022,144	-	-	-	-	-	-	-	2,022,144
Fire Water (Gulf Islands Water Park) 1832	-	-	_	-	_	-	-	-	-

Asset Allocation & Performance (Time Weighted Retu	urns)									
	Allocat	ion				Pe	erformance(	%)		
	Market Value \$	%	QTD	YTD	1 YR	3 YR	5 YR	10 YR	Inception	Inception Date
Total Fund (1)	91,335,586	100.00	-0.84	8.54	8.54	2.61	3.37	0.47	-0.06	10/01/1997
Total Fund Policy			0.21	15.04	15.04	4.46	8.67	8.52	7.23	
Total Fund ex Legacy Assets	85,933,228	94.09	-0.74	9.73	9.73	1.88	5.32	N/A	5.33	02/01/2018
Total Fund Policy			0.21	15.04	15.04	4.46	8.67	8.52	8.48	
Total Equity Composite	49,853,847	54.58	-0.25	16.36	16.36	3.88	9.46	N/A	8.88	02/01/2018
Total Equity Policy			-0.13	19.95	19.95	6.95	11.92	11.04	10.50	
Total Domestic Equity Composite	36,997,757	40.51	2.56	21.39	21.39	6.13	11.46	N/A	10.83	02/01/2018
S&P 500 Index			2.41	25.02	25.02	8.94	14.53	13.10	13.10	
Fidelity Total Market Ix (FSKAX)	31,692,160	34.70	2.71	23.88	23.88	N/A	N/A	N/A	20.16	08/01/2023
Russell 3000 Index			2.63	23.81	23.81	8.01	13.86	12.55	20.08	
Fisher Investments	5,305,597	5.81	1.55	N/A	N/A	N/A	N/A	N/A	6.11	02/01/2024
Russell 2000 Index			0.33	11.54	11.54	1.24	7.40	7.82	16.05	
International Equity Composite	12,856,089	14.08	-7.03	5.04	5.04	-1.97	3.95	N/A	3.15	02/01/2018
MSCI AC World ex USA (Net)			-7.60	5.53	5.53	0.82	4.10	4.80	2.77	
Europacific Growth Fund R6 (RERGX)	12,856,089	14.08	-7.03	5.04	5.04	-1.97	3.95	N/A	3.15	02/01/2018
MSCI AC World ex USA (Net)			-7.60	5.53	5.53	0.82	4.10	4.80	2.77	

	Allocati	on				Pe	erformance(	%)		
	Market Value \$	%	QTD	YTD	1 YR	3 YR	5 YR	10 YR	Inception	Inceptior Date
Total Fixed Income Composite	30,679,362	33.59	-1.17	4.06	4.06	1.00	1.35	N/A	1.98	02/01/201
Blmbg. U.S. Aggregate Index			-3.06	1.25	1.25	-2.41	-0.33	1.35	1.15	
Total Liquid Fixed Income Composite	7,286,909	7.98	1.10	4.94	4.94	3.69	2.29	N/A	2.21	02/01/201
Capital One New R&D Fund	6,925,228	7.58	1.10	4.94	4.94	3.69	2.29	N/A	1.94	08/01/201
Capital One New System DROP	361,681	0.40	1.11	4.94	4.94	3.69	2.29	N/A	2.10	11/01/201
Domestic Fixed Income Composite	15,192,366	16.63	-3.01	1.85	1.85	-2.07	0.11	N/A	1.52	02/01/201
Blmbg. U.S. Aggregate Index			-3.06	1.25	1.25	-2.41	-0.33	1.35	1.15	
Baird Aggregate Bond Fund (BAGIX)	15,192,366	16.63	-3.01	1.85	1.85	-2.07	0.11	N/A	1.52	02/01/20
Blmbg. U.S. Aggregate Index			-3.06	1.25	1.25	-2.41	-0.33	1.35	1.15	
nternational Fixed Income Composite	8,200,087	8.98	-0.92	6.75	6.75	N/A	N/A	N/A	6.54	02/01/20
Blmbg. Global Credit (Hedged)			-1.15	4.47	4.47	-0.49	1.08	2.90	5.41	
Hartford Strategic Income Fund R6 (HSNVX)	4,132,923	4.52	-0.87	8.18	8.18	N/A	N/A	N/A	7.32	02/01/20
Blmbg. Global Credit (Hedged)			-1.15	4.47	4.47	-0.49	1.08	2.90	5.41	
PIMCO Income Fund (PIMIX)	4,067,165	4.45	-0.97	5.42	5.42	N/A	N/A	N/A	5.80	02/01/20
Blmbg. Global Credit (Hedged)			-1.15	4.47	4.47	-0.49	1.08	2.90	5.41	
Liquid Alternatives Composite	5,136,000	5.62	-1.79	7.38	7.38	1.84	3.83	N/A	4.00	02/01/20
Blackrock Multi Asset Income-K (BKMIX)	5,136,000	5.62	-1.79	7.38	7.38	1.84	3.83	N/A	4.00	02/01/20
50% MSCI World Hi Div/50% BBG Agg			-4.42	4.60	4.60	0.82	2.72	4.01	3.41	
NEW Private Equity Composite	264,019	0.29	11.21	8.08	8.08	N/A	N/A	N/A	-9.43	06/01/20
Taurus Private Markets Fund II, LP	264,019	0.29	11.21	8.08	8.08	N/A	N/A	N/A	-7.80	07/01/20

	Allocation	on				Po	erformance(	%)		
	Market Value \$	%	QTD	YTD	1 YR	3 YR	5 YR	10 YR	Inception	Inceptio Date
Legacy Assets Composite	5,402,358	5.91	-2.49	-5.49	-5.49	5.90	-7.00	N/A	-13.10	03/01/20
Cambridge Associates Private Equity Index			0.00	3.67	3.67	3.43	13.75	13.03	13.63	
NCREIF Fund Index-Open End Diversified Core (EW)			1.03	-1.67	-1.67	-2.37	3.06	6.12	4.32	
Blmbg. U.S. Aggregate Index			-3.06	1.25	1.25	-2.41	-0.33	1.35	1.30	
MSCI AC World Index (Net)			-0.99	17.49	17.49	5.44	10.06	9.23	9.25	
Capital One Other Assets (equity assets)	1	0.00								
Capital One Other Assets (fixed assets)	107,269	0.12								
Endgame Entertainment Company, LLC	1	0.00								
Fire Flix (Goldstar Films)	1	0.00								
Fire Game (TGGI) 1846	301,000	0.33								
Fire Lake Development 1819	2,095,081	2.29								
Fire Lake Entertainment 1819	2,022,144	2.21								
Fire Phoenix (Austin) 3053	-	0.00								
Fire Water (Gulf Islands Water Park) 1832	-	0.00								
Firewall (West Wego) 1843	-	0.00								
Greenspring Crossover Ventures I, LP 5124	248,960	0.27								
Louisiana Fund I 3044	520,865	0.57								
Louisiana Sustainability Fund LP 1854	1	0.00								
Murphree Venture Partners 1842	22,907	0.03								
SAIL Venture Partners II 3061	1	0.00								
Trans Europe Buyout III 2303	-	0.00								
Whalehaven Capital	1	0.00								
Wilton Private Equity	84,126	0.09								

QTD         YTD         1 YR         3 YR         5 YR           Legacy Assets Composite         -2.41         -5.18         -5.18         6.04         -7.79           Capital One Other Assets (equity assets)         -99.53         -99.35         -99.35         -78.04         -55.96           Capital One Other Assets (fixed assets)         1.14         5.16         5.16         5.30         4.47           Endgame Entertainment Company, LLC         -100.00         -100.00         -100.00         -97.34         -38.18			
Capital One Other Assets (equity assets)       -99.53       -99.35       -99.35       -78.04       -55.96         Capital One Other Assets (fixed assets)       1.14       5.16       5.16       5.30       4.47	10 YR	Inception	Inception Date
Capital One Other Assets (fixed assets)         1.14         5.16         5.16         5.30         4.47	N/A	-16.11	02/28/2018
,	N/A	2.36	10/31/2016
Endage Entertainment Company LLC100.00100.00100.00100.0007.3438.18	N/A	4.60	10/31/2016
Endgame Entertainment Company, ELC -100.00 -100.00 -100.00 -37.34 -30.10	-30.07	-16.35	07/01/2003
Fire Flix (Goldstar Films) 0.00 0.00 0.00 -92.21	-73.96	-63.71	05/31/2011
Fire Game (TGGI) 1846 0.00 0.00 0.00 0.00 0.00	-9.55	-18.27	11/30/2006
Fire Lake Development 1819 0.00 0.00 0.00 0.00 -1.53	-17.30	-15.01	02/28/2003
Fire Lake Entertainment 1819 0.00 0.00 0.00 0.00 0.00	-10.84	-9.17	01/31/2003
Fire Phoenix (Austin) 3053° N/A N/A N/A -99.94 -96.53	-0.90	10.01	11/30/2001
Fire Water (Gulf Islands Water Park) 1832 <sup>1</sup> N/A N/A N/A 0.00 -17.08	-12.98	-2.65	08/31/2004
Firewall (West Wego) 1843 0.00 0.00 0.00 0.00 0.00	-85.69	-70.79	05/31/2006
Greenspring Crossover Ventures I, LP 5124 -0.71 -36.84 -36.84 -17.54 -9.77	7.63	11.15	01/31/2008
Louisiana Fund I 3044 0.00 0.00 -4.75 -6.68	-5.30	1.68	07/31/2006
Louisiana Sustainability Fund LP 1854 0.00 0.00 0.00 0.00 0.00	-68.19	-65.53	08/31/2011
Murphree Venture Partners 1842 -6.94 -65.65 -65.65 -16.91 -13.54	-22.94	-7.92	03/31/2006
SAIL Venture Partners II 3061 0.00 0.00 0.00 0.00 0.00	-73.54	-67.85	11/30/2008
Trans Europe Buyout III 2303 <sup>2</sup> N/A N/A N/A -99.75 -93.56	11.37	15.74	01/31/2002
Whalehaven Capital 0.00 0.00 0.00 0.00 -93.55	-77.99	-34.28	11/30/2007
Wilton Private Equity 0.00 -3.93 -3.93 -10.36 -10.42	-7.80	15.69	11/30/2001

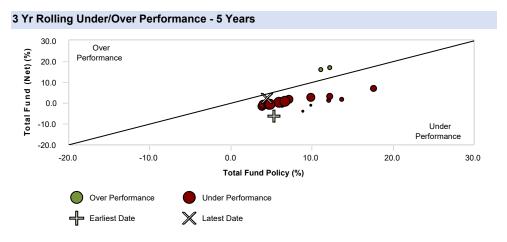
As of periods ending 05/31/2023
 As of periods ending 04/30/2023
 As of periods ending 05/31/2023

Summary of Partnerships					
Partnerships	Drawn Down \$	Market Value \$	Distributed \$	IRR (%)	TVPI Multiple
Total Private Equity					
Endgame Entertainment Company, LLC	3,000,090	1	120,258	-16.4	0.0
Fire Flix (Goldstar Films)	755,000	1	72,902	-63.7	0.1
Greenspring Crossover Ventures I, LP 5124	3,000,000	248,960	5,666,282	11.1	2.0
Murphree Venture Partners 1842	1,008,665	22,907	529,879	-7.9	0.5
Trans Europe Buyout III 2303	3,161,041	-	4,938,383	15.7	1.6
Louisiana Fund I 3044	500,000	520,865	122,519	1.7	1.3
SAIL Venture Partners II 3061	5,361,922	1	690,672	-67.8	0.1
Louisiana Sustainability Fund LP 1854	996,305	1	29,943	-65.5	0.0
Wilton Private Equity	2,079,080	84,126	5,153,074	15.7	2.5
Taurus Private Markets Fund II, LP	266,345	264,019	-	-1.1	1.0
Total Real Estate					
Fire Game (TGGI) 1846	12,026,159	301,000	900,972	-18.3	0.1
Fire Phoenix (Austin) 3053	15,167,503	<del>-</del>	22,693,829	10.0	1.5
Fire Lake Development 1819	32,362,250	2,095,081	938,425	-15.0	0.1
Fire Lake Entertainment 1819	13,551,563	2,022,144	<del>-</del>	-9.2	0.1
Fire Water (Gulf Islands Water Park) 1832	6,106,600	·	4,970,947	-2.6	0.8
Fire Game (TGGI)	12,026,159	-	900,972	-21.6	0.1
Fire Phoenix (Austin)	15,167,503	-	22,693,829	10.0	1.5
Fire Lake Development	32,362,250	-	938,425	-17.9	0.0
Fire Water (Gulf Islands Water Park)	6,106,600		3,455,471	0.3	0.6

TVPI = Total Value to Paid-In [Market Value + Distributions - Catchup Interest Received]/[Contributions - Catchup Interest Paid] Cash flows prior to July 31, 2013 provided by the previous consultant.



0 (0%)



### 3 Yr Rolling Percentile Ranking - 5 Years 000980000 0000 Return Percentile Rank 0 0 25.0 00 50.0 0 0 75.0 100.0 3/20 9/20 3/21 3/22 9/23 12/24 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count Total Fund (Net) 20 2 (10%) 0 (0%) 1 (5%) 17 (85%)

Pee	r Group Sc	attergram	- 3 Years						
Return (%)	4.96 4.34 – 3.72 – 3.10 – 2.48 –						0		
	1.86 8.58	9.24	9.90	10.56 Risk (Star	11.22 ndard Deviation	11.88 on %)	12.54	13.20	13.86

Peer	Grou	ıp Sca	attergram - 5	Years					
	10.00								
(%)	8.00	-							
Return	6.00	-							
R <sub>e</sub>	4.00	-							
	2.00								
		8.4	9.1	9.8	10.5	11.2	11.9	12.6	13.3
				F	Risk (Standard D	Deviation %)			

3 (15%)

3 (15%)

14 (70%)

	Return	Standard Deviation
<ul><li>Total Fund (Net)</li></ul>	2.61	9.60
<ul><li>Total Fund Policy</li></ul>	4.46	12.72
Median	2.66	11.68

	Return	Standard Deviation
<ul><li>Total Fund (Net)</li></ul>	3.37	9.57
<ul><li>Total Fund Policy</li></ul>	8.67	12.43
Median	6.93	12.21

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Net)	3.86	70.34	74.01	-0.79	-0.56	-0.08	0.74	6.65
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.11	1.00	8.59
Historical Statistics	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Net)	5.20	61.84	75.15	-2.65	-1.03	0.14	0.71	6.67
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.54	1.00	7.96

Total Fund Policy

20

**Historical Statistics - 3 Years** 



# 3 Yr Rolling Under/Over Performance - 5 Years Over Performance 10.0 10.0 10.0 S&P 500 Index (%) Over Performance Under Performance Under Performance

## 3 Yr Rolling Percentile Ranking - 5 Years 9.0 25.0 75.0 100.0 3/20 9/20 3/21 9/21 3/22 9/22 3/23 9/23 3/24 12/24

		Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
_	<ul> <li>Total Domestic Equity Composite</li> </ul>	16	0 (0%)	7 (44%)	9 (56%)	0 (0%)	
	O S&P 500 Index	20	9 (45%)	11 (55%)	0 (0%)	0 (0%)	

### Peer Group Scattergram - 3 Years 10.00 8 8.00 4.00 16.24 16.80 17.36 17.92 18.48 19.04 19.60 20.16 Risk (Standard Deviation %)

X Latest Date

Earliest Date

		F	Risk (Standard D	Deviation %)			
17.11	17.70	18.29	18.88	19.47	20.06	20.65	21.24
8.00	1	1			1		
<b>≃</b> 10.00 −							
12.00							
<u>§</u> 14.00 –		0					
16.00							
eer Group Scat	tergram - 5	rears					

	Return	Standard Deviation
<ul> <li>Total Domestic Equity Composite</li> </ul>	6.13	17.81
<ul> <li>S&amp;P 500 Index</li> </ul>	8.94	17.15
Median	5.21	19.61

Return	Standard Deviation
11.46	18.82
14.53	18.06
10.31	20.65
	11.46 14.53

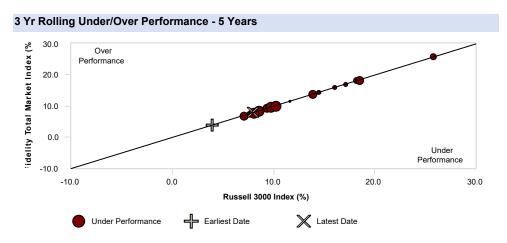
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity Composite	3.14	96.69	107.16	-2.70	-0.80	0.21	1.02	11.71
S&P 500 Index	0.00	100.00	100.00	0.00	N/A	0.37	1.00	11.16
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity Composite	3.07	96.54	107.33	-3.00	-0.85	0.54	1.03	11.98
S&P 500 Index	0.00	100.00	100.00	0.00	N/A	0.71	1.00	11.30

	Allocation	Performance(%)					
	Market Value \$	МТН	QTD	YTD	1 YR	Inception	Inception Date
Baird Aggregate Bond Fund (BAGIX)	15,192,366	-1.71	-3.01	1.85	1.85	1.52	02/01/2018
Blmbg. U.S. Aggregate Index		-1.64	-3.06	1.25	1.25	1.15	
Blackrock Multi Asset Income-K (BKMIX)	5,136,000	-2.33	-1.79	7.38	7.38	4.00	02/01/2018
50% MSCI World/50% BC Agg		-2.12	-1.60	9.70	9.70	5.56	
Europacific Growth Fund R6 (RERGX)	12,856,089	-3.65	-7.03	5.04	5.04	3.15	02/01/2018
MSCI AC World ex USA (Net)		-1.94	-7.60	5.53	5.53	2.77	
Hartford Strategic Income Fund R6 (HSNVX)	4,132,923	-0.62	-0.87	8.18	8.18	7.32	02/01/2023
Blmbg. Global Credit (Hedged)		-1.07	-1.15	4.47	4.47	5.41	
PIMCO Income Fund (PIMIX)	4,067,165	-0.80	-0.97	5.42	5.42	5.80	02/01/2023
Blmbg. Global Credit (Hedged)		-1.07	-1.15	4.47	4.47	5.41	
Fidelity Total Market Ix (FSKAX)	31,692,160	-3.01	2.71	23.88	23.88	20.16	08/01/2023
Russell 3000 Index		-3.06	2.63	23.81	23.81	20.08	



18.67

18.06



### 3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 50.0 75.0 100.0 9/20 9/21 9/22 12/24 3/20 3/21 3/22 3/23 9/23 3/24 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count Fidelity Total Market Index 20 3 (15%) 11 (55%) 6 (30%) 0 (0%) Russell 3000 Index 20 4 (20%) 11 (55%) 5 (25%) 0 (0%)

### Peer Group Scattergram - 3 Years 8.05 8.00 7.95 7.95 7.85 17.00 17.20 17.40 17.60 17.80 Risk (Standard Deviation %)

13.60 –							
<b>2</b> 13.40 –							
13.20 17.	90	18.00	18.20	18.40	18.60	18.80	19.00
17.	00	10.00		tandard Deviation		10.00	19.00
			Re	turn		Standard Deviation	
<ul><li>Fidelity</li></ul>	<ul> <li>Fidelity Total Market Index</li> </ul>			.80		18.73	

13.86

13.39

	Return	Standard Deviation
Fidelity Total Market Index	7.94	17.65
<ul><li>Russell 3000 Index</li></ul>	8.01	17.56
Median	7.88	17.13

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Total Market Index	0.15	100.27	100.62	-0.09	-0.32	0.31	1.00	11.53
Russell 3000 Index	0.00	100.00	100.00	0.00	N/A	0.31	1.00	11.46

Peer Group Scattergram - 5 Years

Russell 3000 Index

\_\_ Median

14.00

**3** 13.80

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Total Market Index	0.17	100.09	100.39	-0.09	-0.28	0.66	1.00	11.81
Russell 3000 Index	0.00	100.00	100.00	0.00	N/A	0.66	1.00	11.75

### Fund Information As of 12/31/2024

Fund Name : Fidelity Total Market Index
Fund Family : Fidelity Investments

Ticker: FSKAX
Inception Date: 09/08/2011
Fund Assets: \$104,683 Million

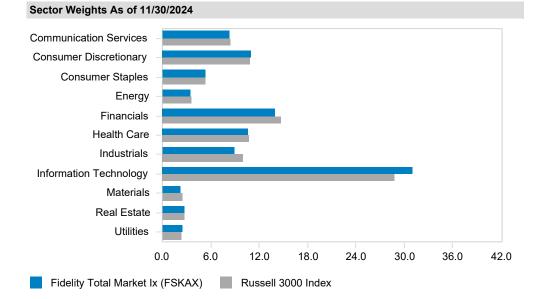
Portfolio Turnover: 3%

Portfolio Assets:	\$104,683 Million
Portfolio Manager :	Team Managed
PM Tenure :	15 Years 11 Months
Fund Style :	Large Blend

Style Benchmark: Russell 1000 Index

Portfolio Characteristics As of 11/30/2024					
	Portfolio	Benchmark			
Total Securities	3,895	2,969			
Avg. Market Cap	-	-			
Price/Earnings (P/E)	21.90	26.97			
Price/Book (P/B)	4.01	4.73			
Dividend Yield	1.36	1.24			
Annual EPS	N/A	N/A			
5 Yr EPS	N/A	N/A			
3 Yr EPS Growth	N/A	N/A			
Beta	N/A	1.00			

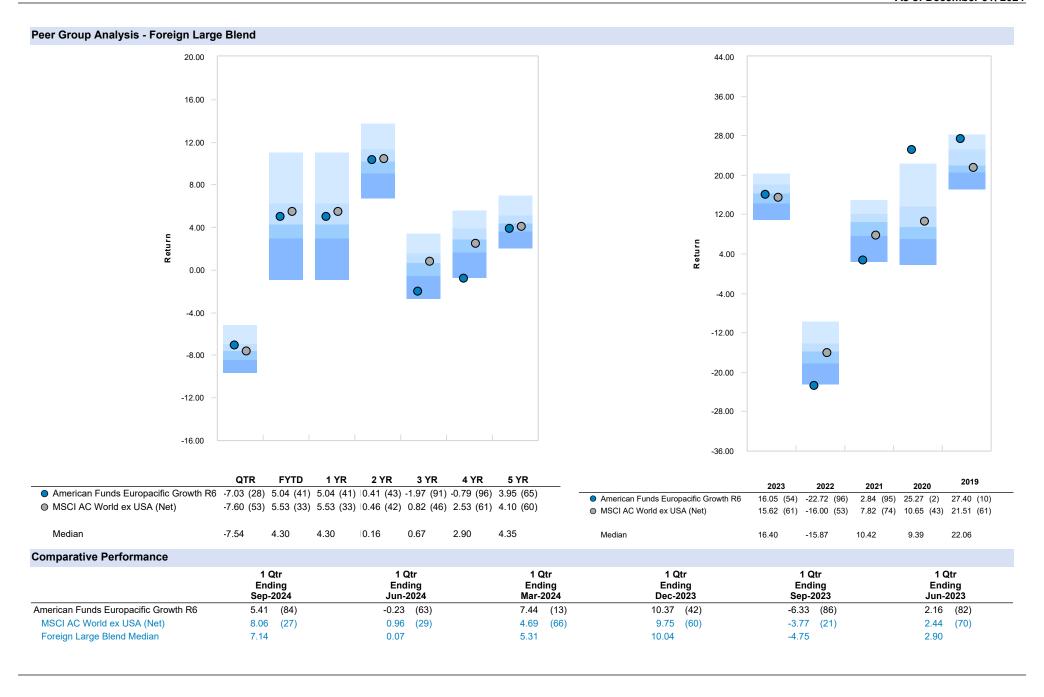
Top Ten Securities As of 11/30/2024		
Apple Inc	6.1 %	
NVIDIA Corp	5.8 %	
Microsoft Corp	5.3 %	
Amazon.com Inc	3.3 %	
Meta Platforms Inc Class A	2.1 %	
Alphabet Inc Class A	1.7 %	
Tesla Inc	1.6 %	
Berkshire Hathaway Inc Class B	1.5 %	
Alphabet Inc Class C	1.4 %	
Broadcom Inc	1.3 %	
Total	30.0 %	



### Region (%) As of 12/31/2024

No data found.

Statistics provided by Morningstar. Most recent available data shown.



### 3 Yr Rolling Under/Over Performance - 5 Years 24.0 16.0 28.0 29.0 20.0 Over Performance Under Performance 0.0 8.0 16.0 24.0 -8.0 MSCI AC World ex USA (Net) (%) Over Performance Under Performance Earliest Date X Latest Date

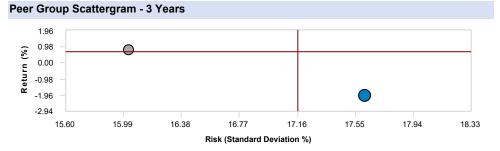
### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 3/23 12/24 3/20 9/20 3/21 9/21 9/22 3/22 9/23 Total 5-25 25-Median Median-75 75-95 Period Count Count Count Count

20

20

American Funds Europacific Growth R6

MSCI AC World ex USA (Net)



Pee	Peer Group Scattergram - 5 Years							
	4.60							
(%)	4.40 -							
Return	4.20 —		)					
å	4.00 -	Ū						
	3.80	17.00	17.34	17.68	18.02	18.36	18.70	19.04
	10.00			Risk (Standard D		10.00		

8 (40%)

0 (0%)

3 (15%)

10 (50%)

2 (10%)

10 (50%)

7 (35%)

0 (0%)

	Return	Standard Deviation
<ul> <li>American Funds Europacific Growth R6</li> </ul>	-1.97	17.61
<ul><li>MSCI AC World ex USA (Net)</li></ul>	0.82	16.02
Median	0.67	17.17

Return	Standard Deviation
3.95	18.59
4.10	17.14
4.35	18.14
	3.95 4.10

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
American Funds Europacific Growth R6	4.61	105.57	118.01	-2.64	-0.55	-0.25	1.06	12.20
MSCI AC World ex USA (Net)	0.00	100.00	100.00	0.00	N/A	-0.11	1.00	10.76
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
American Funds Europacific Growth R6	4.64	107.15	108.55	-0.18	0.02	0.17	1.05	12.36
MSCI AC World ex USA (Net)	0.00	100.00	100.00	0.00	N/A	0.18	1.00	11.59

**Historical Statistics - 3 Years** 

### Fund Information As of 12/31/2024

Fund Name: American Funds Europacific Growth R6

Fund Family: American Funds

Ticker: RERGX
Inception Date: 05/01/2009
Fund Assets: \$125,539 Million

Portfolio Turnover: 30%

Portfolio Assets: \$62,267 Million
Portfolio Manager: Team Managed
PM Tenure: 23 Years 6 Months
Fund Style: Foreign Large Growth

Style Benchmark: MSCI AC World ex USA Growth (Net)

Portfolio Characteristics As of 12/31/2024					
	Portfolio	Benchmark			
Total Securities	336	2,058			
Avg. Market Cap	-	-			
Price/Earnings (P/E)	16.14	15.83			
Price/Book (P/B)	2.51	2.53			
Dividend Yield	2.33	2.98			
Annual EPS	N/A	N/A			
5 Yr EPS	N/A	N/A			
3 Yr EPS Growth	N/A	N/A			
Beta (5 Years, Monthly)	1.05	1.00			

Top Ten Securities As of 12/31/2024		
Taiwan Semiconductor Manufacturing	5.0 %	
Novo Nordisk AS Class B	3.1 %	
SAP SE	2.6 %	
Airbus SE	2.4 %	
Flutter Entertainment PLC	1.8 %	
Recruit Holdings Co Ltd	1.7 %	
MercadoLibre Inc	1.6 %	
Safran SA	1.6 %	
ASML Holding NV	1.5 %	
Glencore PLC	1.5 %	
Total	22.7 %	

### Sector Weights As of 12/31/2024 **Communication Services Consumer Discretionary** Consumer Staples Energy Financials Health Care Industrials Information Technology Materials Real Estate Utilities 0.0 5.0 10.0 15.0 20.0 25.0 30.0 Europacific Growth Fund R6 (RERGX) MSCI AC World ex USA (Net)

### Region (%) As of 12/31/2024

No data found.

Statistics provided by Morningstar. Most recent available data shown.



### 

### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 0 25.0 50.0 0 75.0 100.0 9/20 3/23 9/23 3/24 12/24 3/20 3/21 9/21 3/22 9/22 5-25 25-Median Median-75 75-95

	BImbg. U.S. Aggregate Index (%)				Total Period	Count	Count	Count	Count	
Over Perfermence	Earliest Date	X Latest Date		Domestic Fixed Income Composite	16	8 (50%)	8 (50%)	0 (0%)	0 (0%)	
Over Performance			D Blmbg. U.S. Aggregate Index	20	2 (10%)	10 (50%)	8 (40%)	0 (0%)		

### Peer Group Scattergram - 3 Years -1.60 -1.80 Return (%) -2.00 -2.20 -2.60 7.74 7.68 7.71 7.77 7.80 7.83 7.86 7.89 Risk (Standard Deviation %)

Pee	r Grou	p Sca	ttergram -	- 5 Years						
	0.20									
(%)	0.00	-								
Return		-								
Ret	-0.40	-	0							
	6	.30	6.35	6.40	6.45	6.50	6.55	6.60	6.65	6.70
	0.	.50	0.55	0.40		andard Deviation		0.00	0.00	0.70

	Return	Standard Deviation
<ul> <li>Domestic Fixed Income Composite</li> </ul>	-2.07	7.84
<ul> <li>Blmbg. U.S. Aggregate Index</li> </ul>	-2.41	7.72
Median	-2.46	7.71

Return	Standard Deviation
0.11	6.61
-0.33	6.37
-0.26	6.46
	0.11 -0.33

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Domestic Fixed Income Composite	0.46	102.24	99.00	0.39	0.77	-0.73	1.01	5.58
Blmbg. U.S. Aggregate Index	0.00	100.00	100.00	0.00	N/A	-0.79	1.00	5.59
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Domestic Fixed Income Composite	0.95	107.31	102.11	0.45	0.48	-0.32	1.03	4.55
Blmbg. U.S. Aggregate Index	0.00	100.00	100.00	0.00	N/A	-0.41	1.00	4.47

**Historical Statistics - 3 Years** 



## 3 Yr Rolling Under/Over Performance - 5 Years Strain Duog and the strain of the strai

### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 0 75.0 100.0 9/22 3/23 9/23 3/24 12/24 3/20 9/20 3/21 9/21 3/22 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count Baird Aggregate Bond Inst 20 12 (60%) 8 (40%) 0 (0%) 0 (0%)

### Peer Group Scattergram - 3 Years -1.60 -1.80 Return (%) -2.00 -2.20 -2.40 -2.60 7.68 7.71 7.74 7.77 7.80 7.83 7.86 7.89 Risk (Standard Deviation %)

X Latest Date

107.31

100.00

102.11

100.00

Earliest Date

Over Performance

eer Group Sca	illergrain	- 5 leais						
0.20								
<b>3</b> 0.00 –								
-0.20 -								
<b>2</b> -0.40 −	0	1						
6.30	6.35	6.40	6.45	6.50	6.55	6.60	6.65	6.70
			Risk (Star	ndard Deviation	on %)			

2 (10%)

10 (50%)

1.03

1.00

8 (40%)

0 (0%)

4.55

4.47

20

Return	Standard Deviation		
-2.07	7.84		
-2.41	7.72		
-2.46	7.71		
	-2.07 -2.41		

0.95

0.00

	Return	Standard Deviation
Baird Aggregate Bond Inst	0.11	6.61
<ul> <li>Blmbg. U.S. Aggregate Index</li> </ul>	-0.33	6.37
Median	-0.26	6.46

-0.32

-0.41

Historical Statistics - 3 Years									
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	
Baird Aggregate Bond Inst	0.46	102.24	99.00	0.39	0.77	-0.73	1.01	5.58	
Blmbg. U.S. Aggregate Index	0.00	100.00	100.00	0.00	N/A	-0.79	1.00	5.59	
Historical Statistics - 5 Yea	ırs								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk	

0.45

0.00

0.48

N/A

O Blmbg. U.S. Aggregate Index

Baird Aggregate Bond Inst

Blmbg. U.S. Aggregate Index

#### December 31, 2024

#### Fund Information As of 12/31/2024

Fund Name: Baird Aggregate Bond Inst

Fund Family: Baird
Ticker: BAGIX
Inception Date: 09/29/2000
Fund Assets: \$50,841 Million

Portfolio Turnover: 38%

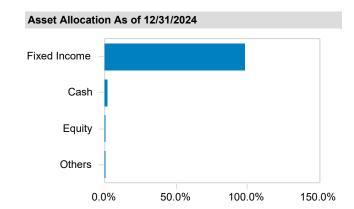
Portfolio Assets: \$49,771 Million
Portfolio Manager: Team Managed
PM Tenure: 24 Years 3 Months
Fund Style: Intermediate Core Bond

Style Benchmark: Bloomberg U.S. Aggregate Index

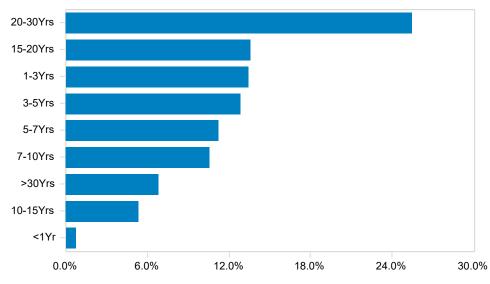
#### Fund Characteristics As of 12/31/2024

Avg. Coupon	3.73 %
Avg. Effective Maturity	8.14 Years
Avg. Effective Duration	6.08 Years
Avg. Credit Quality	Α
Yield To Maturity	5.12 %
SEC Yield	44%

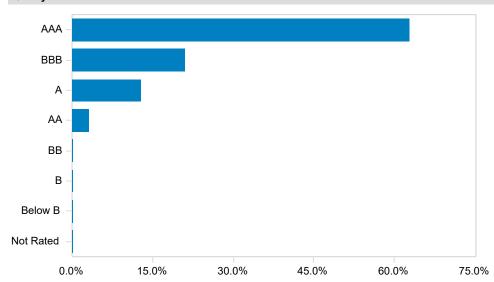
Top Ten Securities As of 12/31/2024 United States Treasury Notes 1.13% 2.8 % United States Treasury Bonds 3.88% 1.7 % United States Treasury Bonds 2.88% 1.6 % United States Treasury Bonds 2.38% 1.5 % United States Treasury Bonds 2.5% 1.5 % First American Government Obligs 1.4 % United States Treasury Bonds 3.38% 1.4 % United States Treasury Bonds 2.88% 1.3 % United States Treasury Notes 3.88% 1.3 % United States Treasury Notes 4.13% 1.3 % Total 15.8 %



#### Maturity Distribution As of 12/31/2024



#### Quality Allocation As of 12/31/2024



Statistics provided by Morningstar. Most recent available data shown.



#### 3 Yr Rolling Under/Over Performance - 5 Years 15.0 irtford Strategic Income R6 ( Over Performance 10.0 5.0 0.0 -5.0 Under Performance -10.0 -5.0 0.0 5.0 10.0 15.0 Blmbg. Global Credit (Hedged) (%) Earliest Date X Latest Date Over Performance

#### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 3/20 9/20 3/21 9/21 3/22 9/22 3/23 9/23 3/24 12/24 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count

19 (95%)

11 (55%)

1 (5%)

9 (45%)

0 (0%)

0 (0%)

0 (0%)

0 (0%)

20

20

Pee	r Gro	up Scatt	ergram	- 3 Years						
Return (%)	4.00 2.00 0.00 -2.00 -4.00	_		•						
	-6.00	6.90	7.36	7.82	8.28 Risk (Star	8.74 ndard Deviation	9.20 on %)	9.66	10.12	10.58

4.00 © 2.00 -					Dick (Star	ndard Deviation	on %)			
© 2.00 - L 0.00 - -2.00 -		6.96	7.25	7.54	7.83	8.12	8.41	8.70	8.99	9.28
€ 2.00 -		-4.00								
€ 2.00 -	œ	-2.00								
€ 2.00 -	eturn	0.00								
4.00	(%)	2.00 -								
		4.00								

	Return	Standard Deviation
<ul> <li>Hartford Strategic Income R6</li> </ul>	1.29	7.78
<ul><li>Blmbg. Global Credit (Hedged)</li></ul>	-0.49	7.64
Median	-3.76	9.84

Return	Standard Deviation
3.26	8.36
1.08	7.33
-1.57	8.83
	3.26 1.08

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Hartford Strategic Income R6	2.96	99.03	82.69	1.79	0.60	-0.30	0.94	5.35
Blmbg. Global Credit (Hedged)	0.00	100.00	100.00	0.00	N/A	-0.54	1.00	5.29
Historical Statistics - 5 Years	<b>S</b>							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Hartford Strategic Income R6	3.19	110.63	87.11	2.17	0.70	0.14	1.05	5.93
Blmbg. Global Credit (Hedged)	0.00	100.00	100.00	0.00	N/A	-0.15	1.00	5.26

Hartford Strategic Income R6

Blmbg. Global Credit (Hedged)

**Historical Statistics - 3 Years** 

#### Fund Information As of 12/31/2024

Fund Name: Hartford Strategic Income R6

Fund Family: Hartford Mutual Funds

Ticker: HSNVX Inception Date: 11/07/2014

Fund Assets: \$3,491 Million

Portfolio Turnover: 69%

Portfolio Assets: \$761 Million

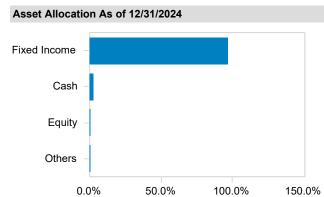
Portfolio Manager: Burn,R/Goodman,C/Marvan,J

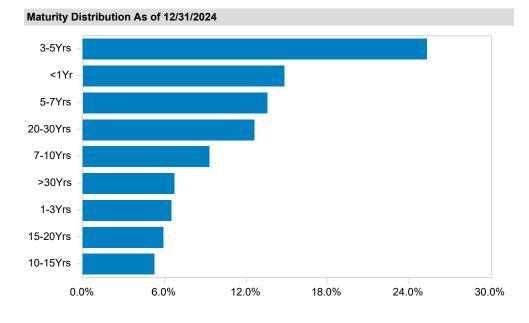
PM Tenure: 12 Years 8 Months Fund Style: Multisector Bond

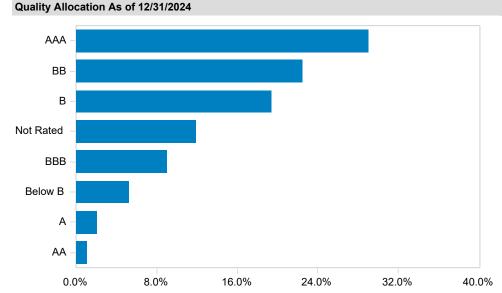
Style Benchmark: Bloomberg U.S. Universal Index









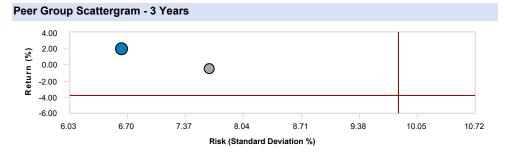




#### 3 Yr Rolling Under/Over Performance - 5 Years 12.0 8.0 4.0 0.0 -4.0 Over Performance 9.00000 Under Performance -8.0 -4.0 0.0 4.0 8.0 12.0 Blmbg. Global Credit (Hedged) (%) Over Performance Under Performance Earliest Date X Latest Date

#### 3 Yr Rolling Percentile Ranking - 5 Years Return Percentile Rank 25.0 50.0 75.0 100.0 9/22 3/23 9/23 3/24 12/24 3/20 9/20 3/21 9/21 3/22

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
<ul> <li>PIMCO Income Instl</li> </ul>	20	16 (80%)	0 (0%)	4 (20%)	0 (0%)	
<ul> <li>Blmbg. Global Credit (Hedged)</li> </ul>	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)	



Pee	r Group Sca	attergram	- 5 Years						
	4.00							I	
(%)	2.00 -								
Return				0					
Re	-2.00 -								
	-4.00								
	6.15	6.56	6.97	7.38	7.79	8.20	8.61	9.02	9.43
				Risk (Star	ndard Deviation	on %)			

	Return	Standard Deviation
<ul> <li>PIMCO Income Instl</li> </ul>	2.04	6.63
<ul> <li>Blmbg. Global Credit (Hedged)</li> </ul>	-0.49	7.64
Median	-3.76	9.84

	Return	Standard Deviation
<ul> <li>PIMCO Income Instl</li> </ul>	2.89	6.70
<ul> <li>Blmbg. Global Credit (Hedged)</li> </ul>	1.08	7.33
Median	-1.57	8.83

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PIMCO Income Instl	1.98	96.54	74.24	2.43	1.23	-0.25	0.84	4.27
Blmbg. Global Credit (Hedged)	0.00	100.00	100.00	0.00	N/A	-0.54	1.00	5.29
Historical Statistics - 5 Years	<b>S</b>							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PIMCO Income Instl	2.39	92.15	71.32	1.94	0.73	0.10	0.86	4.88
Blmbg. Global Credit (Hedged)	0.00	100.00	100.00	0.00	N/A	-0.15	1.00	5.26

**Historical Statistics - 3 Years** 

#### Fund Information As of 12/31/2024

Fund Name : PIMCO Income Instl

Fund Family: PIMCO
Ticker: PIMIX
Inception Date: 03/30/2007
Fund Assets: \$171,207 Million

Portfolio Turnover: 588%

Portfolio Assets: \$103,940 Million

Portfolio Manager: Anderson, J/Ivascyn, D/Murata, A

PM Tenure: 17 Years 9 Months Fund Style: Multisector Bond

14.3 %

10.0 %

9.0 %

7.8 %

7.4 %

5.8 %

3.3 %

3.0 % 2.8 %

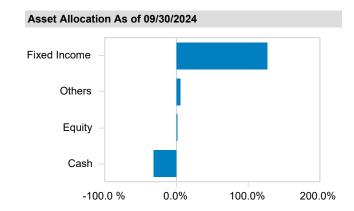
-4.5 %

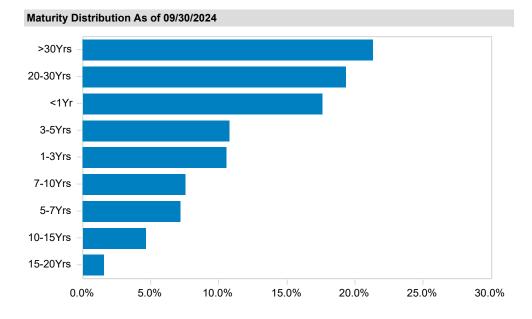
58.8 %

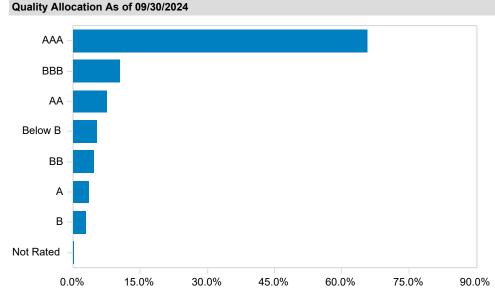
Style Benchmark: Bloomberg U.S. Universal Index

#### Fund Characteristics As of 12/31/2024 Top Ten Securities As of 09/30/2024 Avg. Coupon 4.95 % Federal National Mortgage Asso Avg. Effective Maturity 4.34 Years Federal National Mortgage Asso Avg. Effective Duration 3.28 Years 5 Year Treasury Note Future Dec Avg. Credit Quality BBB Federal National Mortgage Asso Yield To Maturity 6.36 % Federal National Mortgage Asso SEC Yield 4.97 % Low Sulphur Gas Oil Futures Dec24 10 Year Treasury Note Future Dec Pimco Fds Federal National Mortgage Asso US Treasury Bond Future Dec 24

Total









Standard Deviation 9.62 9.57 12.95

#### 3 Yr Rolling Under/Over Performance - 5 Years 12.0 8.0 8.0 4.0 4.0 0.0 -4.0 Over Performance Under Performance 0.0 4.0 8.0 12.0 -4.0 50% MSCI World Hi Div/50% BBG Agg (%) Over Performance Under Performance Earliest Date X Latest Date

# 3 Yr Rolling Percentile Ranking - 5 Years 9.0 25.0 75.0 100.0 3/20 9/20 3/21 9/21 3/22 9/22 3/23 9/23 3/24 12/24

	Total	5-25	25-Median	Median-75	75-95
	Period	Count	Count	Count	Count
<ul> <li>BlackRock Multi-Asset Income Portfolio K</li> </ul>	20	0 (0%)	4 (20%)	11 (55%)	5 (25%)
<ul><li>50% MSCI World Hi Div/50% BBG Agg</li></ul>	20	2 (10%)	1 (5%)	13 (65%)	4 (20%)



Pee	r Group So	attergram	- 5 Years						
	5.12								
_									
Return (%)	3.84								
etur	3.20 -								
ď	2.56		$\circ$						
	1.92								
	8.40	9.10	9.80	10.50	11.20	11.90	12.60	13.30	14.00
				Risk (Sta	ndard Deviation	on %)			

	Return	Standard Deviation		Return
BlackRock Multi-Asset Income Portfolio K	1.84	9.34	BlackRock Multi-Asset Income Portfolio K	3.84
<ul><li>50% MSCI World Hi Div/50% BBG Agg</li></ul>	0.82	9.90	<ul><li>50% MSCI World Hi Div/50% BBG Agg</li></ul>	2.72
Median	1.45	12.41	Median	4.66

Historical Statistics - 3 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
BlackRock Multi-Asset Income Portfolio K	3.20	90.70	83.10	1.10	0.30	-0.17	0.89	6.20
50% MSCI World Hi Div/50% BBG Agg	0.00	100.00	100.00	0.00	N/A	-0.26	1.00	6.78
Historical Statistics - 5 Years								
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
BlackRock Multi-Asset Income Portfolio K	3.64	93.39	82.65	1.32	0.30	0.19	0.93	6.76
50% MSCI World Hi Div/50% BBG Agg	0.00	100.00	100.00	0.00	N/A	0.07	1.00	6.37

Total Fund Policy							
Allocation Mandate	Weight (%)						
Oct-1997							
S&P 500 Index	60.00						
Blmbg. U.S. Aggregate Index	40.00						

Total Equity Policy		
Allocation Mandate	Weight (%)	
Oct-2002		
S&P 500 Index	75.00	
MSCI AC World ex USA (Net)	25.00	

#### New Orleans Firefighters' Pension and Relief Fund Fee Analysis

As of December 31, 2024

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Fidelity Total Market Ix (FSKAX)	0.01	31,692,160	3,169	0.01 % of Assets
Europacific Growth Fund R6 (RERGX)	0.46	12,856,089	59,138	0.46 % of Assets
Baird Aggregate Bond Fund (BAGIX)	0.30	15,192,366	45,577	0.30 % of Assets
Hartford Strategic Income Fund R6 (HSNVX)	0.54	4,132,923	22,318	0.54 % of Assets
PIMCO Income Fund (PIMIX)	0.62	4,067,165	25,216	0.62 % of Assets
Blackrock Multi Asset Income-K (BKMIX)	0.54	5,136,000	27,734	0.54 % of Assets

### NOF Old Fund

Comparative Performance			
	QTR	YTD	1 YR
Capital One Old R&D Fund	1.00	4.94	4.94
Capital One Old System Drop & Plop	1.11	4.91	4.91
Old Fund Group Total	1.03	4.93	4.93

Financial Reconciliation									
	Market Value 01/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2024
Capital One Old R&D Fund	7,624,576	-	3,388,864	-	-	-4,213	412,734	-	11,421,961
Capital One Old System Drop & Plop	2,853,051	-	-	-	-	-	139,988	-	2,993,039
Old Fund Group Total	10,477,628	-	3,388,864	-	-	-4,213	552,722	-	14,415,000

- The ending market value for the Clinton Magnolia Fund carried at August 31, 2014 valuation due to unavailability of data at the time of report production and is subject to change.
- Market values, performance, and transactions through July 31, 2013 were provided by the previous consultant, Consulting Services Group.
- · All historical data is presented Net of Fees.
- Whalehaven Capital was reclassified on December 1, 2013 from Equity to Hedge Fund.
- The Fletcher FIA Leveraged balance was written down to \$0 in July 2014.
- Residual Cash was cash held at the custodian following the payoff of Casa Fuego II (Green Trails).
- The OIH/XLE Index is comprised of 50% OIH and 50% XLE.
- Returns for Private Fixed Loans, Private Equity and Real Estate are calculated using an Internal Rate of Return.
- The information contained in this report is obtained from third party sources and is not warranted to be accurate, complete or timely. All returns and market values are preliminary and subject to revision in the future upon final reconciliation.
- Custodian change effective 4th quarter 2016. From JP Morgan to Capital One.
- The Capital One Other Fixed, Capital One Other Equity and Endgame balances were written down to \$1 in November 2024.

**Active Return** 

- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.

Alpha

- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.

Beta

- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.

Consistency

- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.

Distributed to Paid In (DPI)

- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.

**Down Market Capture** 

- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance

**Downside Risk** 

- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.

**Excess Return** 

- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.

**Excess Risk** 

- A measure of the standard deviation of a portfolio's performance relative to the risk free return.

Information Ratio

- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.

**Public Market Equivalent (PME)** 

- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.

R-Squared

- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.

Return

- Compounded rate of return for the period.

**Sharpe Ratio** 

- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.

**Standard Deviation** 

- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.

Total Value to Paid In (TVPI)

- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life

**Tracking Error** 

- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.

**Treynor Ratio** 

- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.

**Up Market Capture** 

- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.

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Methodology for this Award: For the 2022 Greenwich Quality Award for Overall U.S. Investment Consulting – Midsize Consultants – Between February and November 2022, Coalition Greenwich conducted interviews with 727 individuals from 590 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate and union funds, public funds, and endowment and foundation funds, with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends.

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