

3rd Quarter 2024 Market Environment

The Economy

- The US Federal Reserve (the Fed) shifted its policy stance during the quarter and cut the fed funds rate by 0.50% for the first time in four years to a range of 4.75%-5.00%. Capital markets celebrated the move after struggling to predict the pace and timing of future Fed actions earlier in the year. In its press release for the September meeting, the Fed continued to assert its stance on fighting inflation, while also inserting that the committee is strongly committed to "supporting maximum employment." Fed Chairman Jerome Powell signaled to the markets that the expectation is for the committee to shift to a more expansionary policy moving forward.
- The Fed's September "Dot Plot" showed revised expectations from a single 0.25% rate cut for the remainder of 2024 to a low-end estimate of a 4.25%-4.50% range. The dots also showed the target rate range decreasing below 4.00% in 2025.
- Growth in the US labor market continued in the third quarter, albeit at a slower pace than previous quarters with growth coming in at 527,000 new jobs. However, the strength of the labor market during the previous year was undermined by the large downward revision (818,000) on the trailing one-year statistic.

Equity (Domestic and International)

- US equity results were sharply higher for the quarter, which also saw a significant broadening of returns across both the style and capitalization spectrum. The S&P 500 Index rose a solid 5.9% for the quarter and the small-cap Russell 2000 Index posted a higher gain of 9.3%. This quarter not only saw a significant rotation from large-cap to small-cap stocks but also from growth stocks to value stocks as value indexes outpaced their growth counterparts.
- Large-cap equity benchmarks continue to represent top-heavy concentration among a limited number of stocks. As of quarter end, the top 10 stocks in the S&P 500 Index made up nearly 35% of the index.
- International stocks continued delivering positive results during the third quarter and US Dollar (USD) denominated results were further helped by a weakening USD. USD performance of international stocks surged past local currency (LCL) returns in most regions for the quarter, albeit to varying degrees.

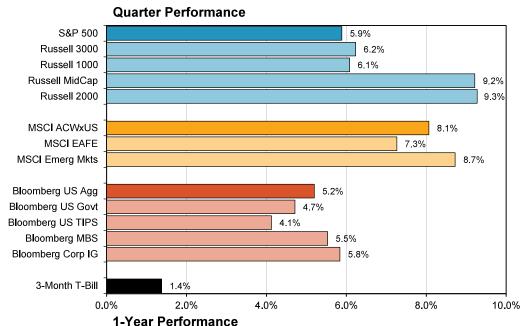
Fixed Income

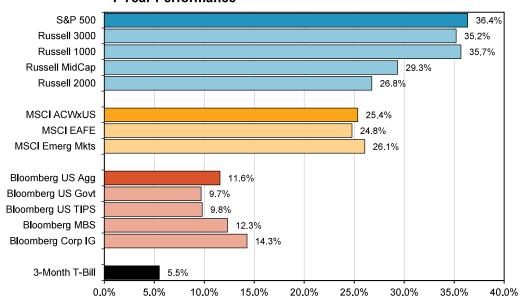
- Fixed-income markets traded higher during the quarter on the back of the Fed's policy shift as Treasury yields fell. The inverse relationship between prices and yields resulted in the Bloomberg US Aggregate Bond Index advancing 5.2%. The yield on the bellwether 10-year Treasury declined by 0.55% during the quarter.
- High-yield bonds slightly outperformed the Bloomberg US Aggregate Bond Index for the quarter, largely due to higher coupons and partly due to narrowing optionadjusted spreads (OAS) for the Bloomberg US High-Yield index.
- Global bonds outpaced the domestic benchmarks, with the Bloomberg Global Aggregate ex-US returning 8.5% for the quarter in USD terms. Global bond performance was boosted by a weakening USD during the quarter.

Market Themes

- Divergent monetary policies across regions led to increased volatility during the quarter. Most developed markets across the world kept rates at elevated levels as central banks continued their tight monetary stances. However, the Japanese Central Bank chose to raise its policy rates at the end of July, shortly before the Fed cut its policy rate in September. This divergence led to an unwinding of the systematic Yen carry trade, where investors quickly took action to cover short yen positions by taking down positions in various higher growth investments, including US equities. This subsequently led to a sharp decline in equity markets around the world in early August.
- Ongoing military conflicts in Ukraine and the Middle East, coupled with global economic uncertainty, continue to act as headwinds for international market results but they received a boost from the weakening USD. New escalations to existing conflicts have resulted in anticipated and unanticipated consequences. Domestic Defense companies have tended to trade higher on the news of developing escalations abroad while similarly putting upward pressure on oil prices and downward pressure on energy stocks as a result.

- Performance in the domestic equity markets was broadly positive after markets received a boost from the Fed's first rate cut in four years. Small-cap stocks outperformed their large-cap counterparts, with the Russell 2000 returning 9.3% versus a gain of 5.9% for the S&P 500. The all-cap Russell 3000, which is heavily weighted in its large-cap names, lagged the Russell 2000 Index by 3.1%, returning 6.2% for the quarter.
- International developed market equities realized similar results with both the MSCI ACWI ex US and MSCI EAFE indexes gaining during the quarter. The MSCI ACWI ex US Index posted a strong 8.1% for the quarter, while the MSCI EAFE Index returned a slightly lower 7.3%, both in USD terms. International emerging market (EM) equities were the best performing foreign segment, gaining 8.7% in for the quarter and outpacing their developed market counterparts. Much of the solid USD performance for EM can be attributed to the Far East index countries, particularly China, Taiwan, and Singapore.
- Broad fixed-income indexes added to their year-to-date results during the quarter, thanks in large part to the Fed's 0.50% rate cut on September 18th. The Bloomberg US Aggregate Index returned a solid 5.2% for the quarter. Investment-grade corporate bonds topped other US fixed-income sectors for the quarter, finishing with a return of 5.8%. The TIPS market, which is not part of the Aggregate Index, was the worst-performing bond benchmark during the quarter with a return of 4.1%, lagging the rest of the domestic fixed-income indexes.
- Large-cap US equity indexes built on their already massive returns over the trailing one-year period. The S&P 500 Index has gained 36.4%, while the Russell 1000 Index returned 35.7%. The weakest performing capitalization range of domestic equities for the year has been the small-cap Russell 2000 Index, which still posted a double-digit return of 26.8% over the last 12 months.
- Domestic bond indexes also produced strong, positive results for the year. Investment-grade corporate bonds continued to lead, returning an impressive 14.3% for the trailing one-year. The government bond index lagged for the year, but still returned a solid 9.7%.
- International markets also showcased healthy performance for the trailing oneyear period. The MSCI EM Index was the best international performer, returning 26.1%, while the MSCI EAFE and MSCI ACWI ex US indexes posted returns of 24.8% and 25.4%, respectively.

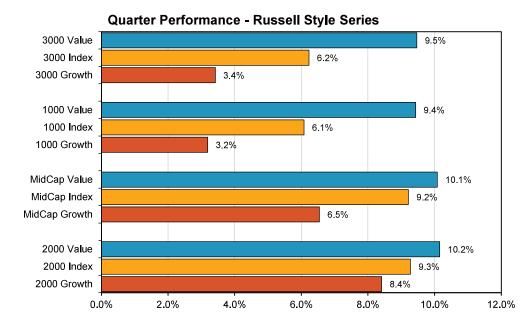


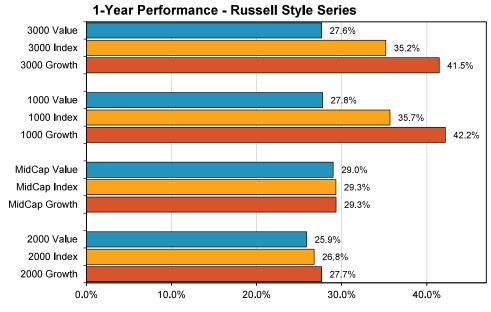


Source: Investment Metrics

- Domestic equity benchmarks posted strong absolute results across styles and market capitalization ranges. During the third quarter, value stocks outpaced their growth counterparts at each capitalization level for the first time since Q4 2022. The best-performing segment of the equity market was small-cap value, with the Russell 2000 Value Index advancing 10.2% for the quarter. Conversely, the large-cap growth Russell 1000 Growth Index produced the weakest relative equity performance, returning just 3.2%.
- The growth-oriented rally took a hiatus during the quarter with the broadest disparity visible in large-cap indexes. The Russell 1000 Value Index return of 9.4% surpassed the Russell 1000 Growth Index return by 6.2%. This quarter's results bucked the trend of large-cap growth stocks being the best-performing segment of the domestic equity market.

- This quarter's resurgence by the value indexes was not enough to bring them above growth indexes on a trailing one-year basis. The Russell 1000 Growth Index amassed a staggering 42.2%, leading the way among style and market capitalization classifications. Much of this 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 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 posted an impressive 25.9%.
- The strength of growth sectors is evident in the chart with the broad-cap, large-cap, and small-cap benchmarks outpacing their value counterparts for the trailing one-year period. The gap between the Russell 1000 Growth Index and the Russell 1000 Value Index was in double-digits for the year, while the gaps for mid- and small-cap indexes were much narrower.

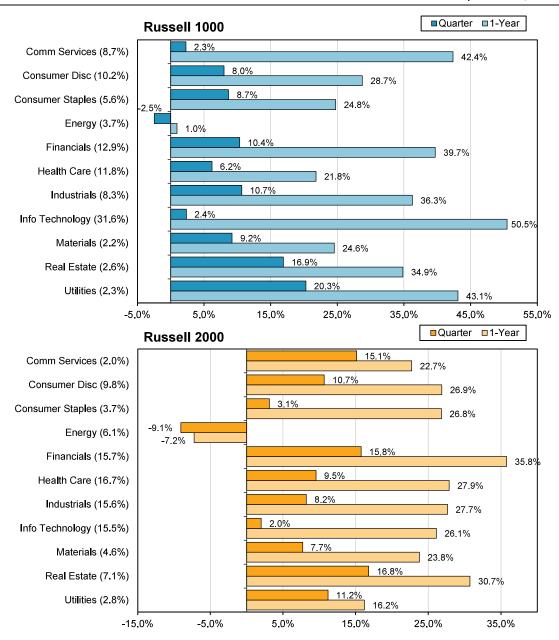




Source: Investment Metrics

As of September 30, 2024

- Economic sector performance was mostly positive during the third quarter, with 10 of the 11 economic sectors moving higher in both the large-cap and small-cap indexes. The quarter continued the previous trend in the domestic equities markets of broader participation in companies outside of the technology sector. Energy was the lone sector to slide during the quarter, posting a return of -2.5%.
- Third-quarter results for the large-cap benchmark added to already strong trailing one-year numbers, with all but one sector producing a return of greater than 20%. Similar to the quarter's results, the energy sector was the one to fall short, gaining just 1.0% over the trailing year. Of the 11 sectors, three (communication services, information technology, and utilities) were up by more than 40.0% for the past year. Financials, industrials, and real estate followed closely behind with gains of 39.7%, 36.3%, and 34.9%, respectively. Despite this strong sector performance, only five of the six leading sectors managed to outpace the Russell 1000 Index's return of 35.7%, which was lifted even higher by the strong results in the most heavily weighted sector, information technology.
- Small-cap stocks displayed similar strength, with 10 of the 11 small-cap economic sectors gaining value during the quarter. Real estate, financials, and communication services led the way with gains of more than 15% for the quarter. Similar to the large-cap benchmark, energy was the worst-performing sector for the quarter and produced the sole negative sector return, falling -9.1%.
- Small-cap stocks also had a strong performance for the trailing year. The same 10 small-cap sectors that advanced during the quarter moved higher over the trailing one-year period. Energy remains the weakest performing sector, with the most recent quarterly return dragging the sector's performance to -7.2% for the trailing year. Financials (up 35.8%), and seven other sectors earned more than 20%.



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.

Top 10 Weighted Stocks

Top 10 Weighted Stocks						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Apple Inc	6.4%	10.8%	36.8%	Information Technology		
Microsoft Corp	6.1%	-3.6%	37.3%	Information Technology		
NVIDIA Corp	5.4%	-1.7%	179.3%	Information Technology		
Amazon.com Inc	3.3%	-3.6%	46.6%	Consumer Discretionary		
Meta Platforms Inc Class A	2.4%	13.6%	91.3%	Communication Services		
Alphabet Inc Class A	1.8%	-8.8%	27.1%	Communication Services		
Berkshire Hathaway Inc Class B	1.6%	13.1%	31.4%	Financials		
Alphabet Inc Class C	1.6%	-8.7%	27.1%	Communication Services		
Broadcom Inc	1.5%	7.8%	110.9%	Information Technology		
Tesla Inc	1.4%	32.2%	4.6%	Consumer Discretionary		

Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Vaxcyte Inc Ordinary Shares	0.5%	51.3%	124.1%	Health Care
FTAI Aviation Ltd	0.5%	29.1%	281.0%	Industrials
Insmed Inc	0.4%	9.0%	189.1%	Health Care
Sprouts Farmers Market Inc	0.4%	32.0%	158.0%	Consumer Staples
Fabrinet	0.3%	-3.4%	41.9%	Information Technology
Applied Industrial Technologies Inc	0.3%	15.2%	45.4%	Industrials
Mueller Industries Inc	0.3%	30.5%	100.0%	Industrials
Fluor Corp	0.3%	9.6%	30.0%	Industrials
Ensign Group Inc	0.3%	16.3%	55.1%	Health Care
UFP Industries Inc	0.3%	17.5%	29.6%	Industrials
Тор	10 Performir	ng Stocks (by	/ Quarter)	

Тор	10 Performir	ng Stocks (by	y Quarter)	
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Exact Sciences Corp	0.0%	61.2%	-0.1%	Healthcare
Inspire Medical Systems Inc	0.0%	57.7%	6.4%	Healthcare
AppLovin Corp Ordinary Shares - A	0.1%	56.9%	226.7%	Information Technology
Doximity Inc Class A	0.0%	55.8%	105.3%	Healthcare
Ubiquiti Inc	0.0%	52.7%	55.3%	Information Technology
Vornado Realty Trust	0.0%	49.9%	75.4%	Real Estate
GE Vernova Inc	0.1%	48.7%	N/A	Utilities
VF Corp	0.0%	48.5%	15.5%	Communication Services
Palantir Technologies Inc Ordinary - A	0.1%	46.9%	132.5%	Technology
SharkNinja I nc	0.0%	44.7%	139.9%	Communication Services

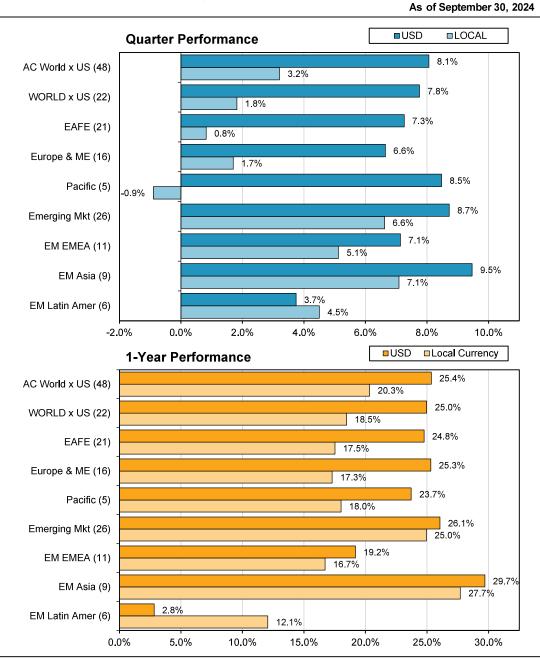
Top 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	Weight 1-Qtr 1-Year Return Return		Sector	
Lumen Technologies Inc Ordinary	0.1%	545.5%	400.0%	Communication Services	
CommScope Holding Co Inc	0.0%	396.7%	81.8%	Information Technology	
Capricor Therapeutics Inc	0.0%	218.9%	344.7%	Health Care	
Summit Therapeutics Inc Ordinary	0.0%	180.8%	1071.1%	Health Care	
Q32 Bio Inc	0.0%	148.6%	N/A	Health Care	
Intuitive Machines Inc Ordinary - A	0.0%	143.9%	120.5%	Industrials	
IGM Biosciences Inc Ordinary	0.0%	140.8%	98.1%	Health Care	
Cassava Sciences Inc	0.0%	138.3%	76.9%	Health Care	
AST SpaceMobile Inc Ordinary - A	0.1%	125.2%	588.2%	Communication Services	
Biomea Fusion Inc	0.0%	124.4%	-26.6%	Health Care	

Bottom 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
New Fortress Energy Inc Class A	0.0%	-58.3%	-71.7%	Utilities	
Wolfspeed Inc	0.0%	-57.4%	-74.5%	Information Technology	
Trump Media & Technology Group Corp	0.0%	-50.9%	N/A	Communication Services	
Super Micro Computer Inc	0.0%	-49.2%	51.8%	Information Technology	
e.l.f. Beauty Inc	0.0%	-48.3%	-0.7%	Consumer Staples	
Celsius Holdings Inc	0.0%	-45.1%	-45.2%	Consumer Staples	
Moderna Inc	0.1%	-43.7%	-35.3%	Health Care	
DexCom Inc	0.1%	-40.9%	-28.1%	Health Care	
Advance Auto Parts Inc	0.0%	-38.2%	-29.1%	Communication Services	
Dollar General Corp	0.0%	-35.7%	-18.6%	Consumer Staples	

Bottom 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Conduit Pharmaceuticals Inc	0.0%	-88.8%	-98.0%	Health Care	
HilleVax Inc	0.0%	-87.8%	-86.9%	Health Care	
iLearningEngines Inc	0.0%	-81.6%	N/A	Information Technology	
SolarMax Technology Inc	0.0%	-80.8%	N/A	Industrials	
Verrica Pharmaceuticals Inc	0.0%	-80.1%	-62.7%	Health Care	
Elevation Oncology Inc	0.0%	-77.8%	-9.5%	Health Care	
Actinium Pharmaceuticals Inc	0.0%	-74.6%	-68.2%	Health Care	
Renovaro Inc	0.0%	-72.4%	-89.2%	Health Care	
B. Riley Financial Inc	0.0%	-70.2%	-86.1%	Financials	
ALX Oncology Holdings Inc Ordinary	0.0%	-69.8%	-62.1%	Health Care	

Source: Morningstar Direct

- Results in USD terms among the headline international equity indexes were sharply higher during the quarter, echoing the performance of major domestic equity benchmarks. The weakening USD relative to many major currencies during the quarter was a tailwind for the USD performance of most regional benchmarks' returns. The developed-market MSCI EAFE Index returned a muted 0.8% in LCL terms but rose 7.3% in USD terms. The MSCI Emerging Markets Index was the best-performing broad index, climbing 8.7% in USD and 6.6% in LCL terms for the quarter.
- Latin America lagged other regions during the quarter in USD terms, posting a return of 3.7%. Weakening currencies in the region put pressure on performance, making it the only region with USD performance that lagged LCL currency performance. The MSCI Pacific benchmark was the only regional benchmark to deliver negative performance in LCL teams (-0.9%), but USD weakness led to an 8.5% positive return in USD terms. Regional LCL currency performance struggles were led by the unwinding of the carry trade in the Japanese equity markets in early August which carried over to neighboring Pacific countries and US markets.
- China, which is the most heavily weighted country in the emerging market index, continued its rebound during the quarter posting a 23.5% gain in USD terms. Recently announced government stimulus for the Chinese economy helped lift equity markets in the country during the quarter. The Chinese economy has yet to expand at its pre-pandemic rate of roughly 5.0% primarily due to troubles in its commercial property and banking sectors, which have created challenges for growth in the region.
- Much like domestic markets, trailing one-year results for international developed and emerging markets benchmarks were strongly positive. Higher USD versus LCL returns for most international benchmarks demonstrate the USD's relative weakness over the trailing one-year period.
- All broad and regional indexes were positive for the trailing 12 months in both USD and LCL terms. The EM Latin America index, where weakening local currencies dragged the region's double-digit LCL performance to a muted 2.8% in USD terms. MSCI Asia Index led the way with a return of 27.7% in LCL terms for the trailing year. The relative weakening of the USD during the period further boosted returns in the region to 29.7% in USD terms.



Source: MSCI Global Index Monitor (Returns are Net)

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.3%	11.5%	27.1%
Consumer Discretionary	11.0%	4.8%	14.4%
Consumer Staples	8.7%	10.6%	10.9%
Energy	3.6%	-5.8%	-2.1%
Financials	20.6%	10.4%	36.0%
Health Care	13.3%	4.6%	20.4%
Industrials	17.3%	9.4%	33.8%
Information Technology	8.7%	-2.4%	35.6%
Materials	6.8%	10.7%	24.0%
Real Estate	2.2%	17.3%	27.6%
Utilities	3.4%	14.9%	25.4%
Total	100.0%	7.3%	24.8%

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.6%	13.6%	26.3%
Consumer Discretionary	11.3%	11.5%	20.4%
Consumer Staples	7.4%	10.5%	11.1%
Energy	5.0%	-1.7%	7.2%
Financials	22.5%	11.4%	33.2%
Health Care	9.4%	6.4%	20.4%
Industrials	13.8%	8.7%	30.5%
Information Technology	12.8%	-1.6%	38.3%
Materials	7.1%	9.4%	18.8%
Real Estate	1.9%	16.9%	23.5%
Utilities	3.2%	13.4%	27.7%
Total	100.0%	8.1%	25.4%

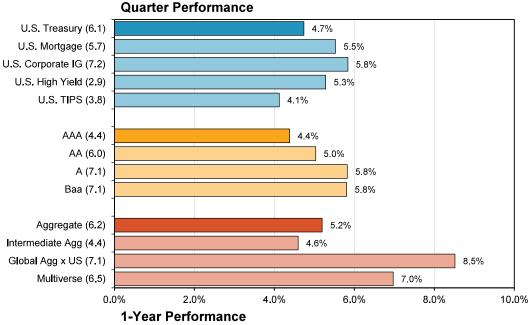
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	9.4%	15.6%	26.2%
Consumer Discretionary	14.0%	25.0%	31.9%
Consumer Staples	5.2%	11.1%	9.6%
Energy	4.8%	-0.4%	17.4%
Financials	22.8%	10.4%	26.5%
Health Care	3.6%	22.9%	20.5%
Industrials	6.8%	7.0%	19.9%
Information Technology	22.2%	-2.6%	40.3%
Materials	6.6%	5.5%	5.5%
Real Estate	1.6%	14.8%	10.8%
Utilities	2.9%	9.3%	35.5%
Total	100.0%	8.7%	26.1%

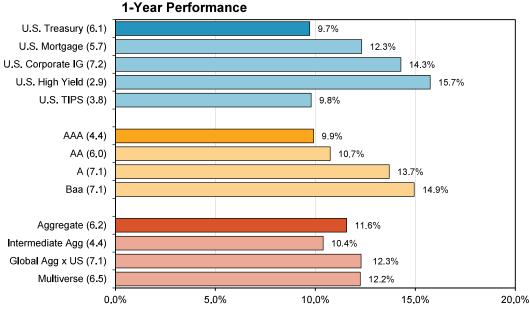
	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	22.3%	14.0%	5.7%	21.6%
United Kingdom	14.7%	9.3%	7.9%	23.3%
France	11.4%	7.1%	7.7%	16.4%
Switzerland	9.9%	6.2%	8.5%	21.6%
Germany	9.0%	5.7%	10.7%	32.1%
Australia	7.8%	4.9%	11.5%	31.6%
Netherlands	4.8%	3.0%	-4.5%	38.7%
Denmark	3.4%	2.1%	-10.3%	24.5%
Sweden	3.4%	2.1%	8.4%	35.8%
Italy	2.7%	1.7%	8.6%	34.4%
Spain	2.8%	1.8%	13.7%	35.9%
Hong Kong	2.0%	1.3%	24.4%	14.8%
Singapore	1.5%	0.9%	17.6%	33.9%
Finland	1.0%	0.7%	8.1%	16.5%
Belgium	1.0%	0.6%	15.3%	25.9%
Israel	0.8%	0.5%	12.4%	32.4%
Norway	0.6%	0.4%	2.1%	4.5%
Ireland	0.3%	0.2%	13.9%	38.6%
Portugal	0.2%	0.1%	8.7%	11.3%
Austria	0.2%	0.1%	8.7%	28.3%
New Zealand	0.2%	0.1%	5.6%	20.1%
Total EAFE Countries	100.0%	62.7%	7.3%	24.8%
Canada		7.7%	12.0%	26.8%
Total Developed Countries		70.4%	7.8%	25.0%
China		8,2%	23,5%	23.9%
India		5.8%	7.3%	40.3%
Taiwan		5.2%	0.5%	52.7%
Korea		3.1%	-5.6%	9.3%
Brazil		1.4%	7.1%	2.6%
Saudi Arabia		1.1%	5.3%	11.2%
South Africa		0.9%	16.1%	36.7%
Mexico		0.6%	-3.4%	-3.4%
Indonesia		0.5%	15.3%	5.2%
Malaysia		0.4%	20.5%	35.6%
Thailand		0.4%	28.9%	17.0%
United Arab Emirates		0.3%	12.0%	6.4%
Poland		0.3%	-3.9%	45.7%
Turkey		0.2%	-12.6%	6.8%
Qatar		0.2%	10.6%	11.2%
Kuwait		0.2%	3.7%	8.9%
Philippines		0.2%	21.7%	22.7%
Greece		0.1%	10.4%	31.3%
Chile		0.1%	5.3%	5.8%
Peru		0.1%	7.9%	57.4%
Hungary		0.1%	6.3%	36.4%
Czech Republic		0.0%	5.1%	7.7%
Colombia		0.0%	-0.9%	25.4%
Egypt		0.0%	12.3%	-7.3%
Total Emerging Countries		29.6%	8.7%	26.1%
Total ACWIxUS Countries		100.0%	8.1%	25.4%
Total ACWIXUS Countries		100.0%	8.1%	25.4%

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

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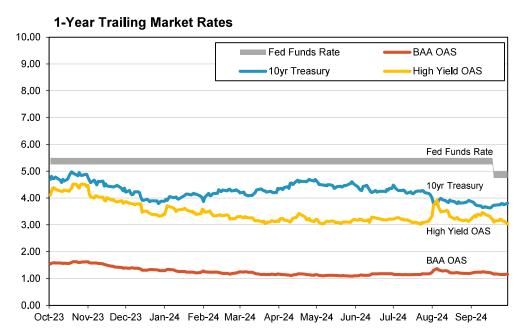
- Domestic fixed-income markets advanced during the third quarter. Although the Federal Reserve began to unwind its tight monetary policy stance that began in 2022 during the quarter, yields remained elevated. On September 18, the Fed reduced its target policy rate by 0.50%, a move that was celebrated in a performance boost by equity and bond markets alike.
- After a muted first half of 2024, which held the Bloomberg US Aggregate Bond Index slightly negative for the year, the index posted its best quarterly performance year-to-date, climbing 5.2% during the third quarter. Performance across the investment-grade index's segments was more favorable in the credit sectors, with the corporate investment-grade index rising 5.8%, outpacing the government and mortgage-backed-securities sectors. Lower quality issues also performed better, with A and BAA components of the index outpacing higher quality issues during the quarter.
- High Yield bonds underperformed investment grade issues as interest rates declined primarily due to the high-yield benchmark's lower duration. Despite their lower duration, below-investment grade issues continued to rise, posting a return of 5.3% for the quarter. The Bloomberg Global Aggregate ex-US Index outperformed all broad-market domestic indexes with a return of 8.5% for the quarter, aided by a weakening USD.
- Over the trailing one-year period, the Bloomberg US Aggregate Bond Index posted a solid 11.6% return. The benchmark's sub-components also posted positive performance over the trailing 12 months with the Bloomberg US Corporate Investment Grade Index rising a strong 14.3% and the US Mortgage Index returning 12.3%. US TIPS, which are excluded from the Bloomberg US Aggregate Bond Index, returned 9.8% for the trailing year.
 U.S. Treasury (6.1) U.S. Mortgage (5.7) U.S. Corporate IG (7.2) U.S. High Yield (2.9)
- Among credit qualities, lower-quality issues (both within investment grade and below investment grade) have outperformed higher-quality bonds due to higher yields and credit spread compression over the last year. Higher yields mean larger coupon payments as well as greater sensitivity to changes in credit spreads, which narrowed. High-yield bonds have enjoyed a healthy 15.7% gain for the trailing year.
- The Bloomberg Global Aggregate ex-US Index moderately outpaced its domestic counterpart, the Bloomberg US Aggregate Bond Index, by 0.7% during the trailing year.

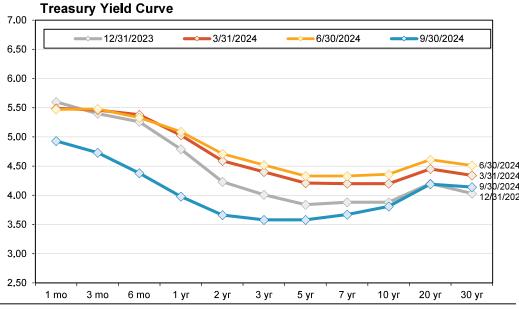




Source: Bloomberg

- The gray band across the graph illustrates the fed funds target rate range over the last 12 months. During the third quarter, the Federal Open Market Committee (FOMC) cut its policy rates by 0.50%, to a range of 4.75-5.00%, The last rate increase occurred at the FOMC's July 2023 meeting, and this was the first rate cut since March of 2020. With inflation declining and unemployment remaining largely stable, the Fed appears to be pivoting from a tight monetary policy stance. The most recent FOMC press release continued to emphasize economic data-dependent outcomes while placing renewed 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 80% probability of a 0.25% rate decrease at the FOMC November 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. However, inflation remains above the FOMC's long-term 2.0% target level.
- The yield on the US 10-year Treasury (blue line of the top chart) fell roughly 0.55% during the quarter, attributable to Fed policy decisions and expectations of future rate actions. The bellwether benchmark rate opened the quarter at a yield of 4.36% and finished September at a yield of 3.81%. The 10-year Treasury benchmark's rate peaked in October 2023, cresting at a yield of just under 5.00% before pulling back during the remainder of the year.
- 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 was relatively stable, beginning July at 1.18% and finishing September at 1.16%. High-yield OAS spreads (represented by the yellow line in the top chart) have also remained relatively unchanged, despite a sharp spike in early August spurred by an unwinding of the Yen carry trade. The high-yield OAS fell 0.18% over the quarter from 3.21% to 3.03%. 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 July 2022, the quarter-end yield on the 10-year Treasury was higher relative to the two-year Treasury. The yield curve has been inverted for each of the previous three quarter-end readings on the graph and for much of the last two years. This 2-10-year yield curve inversion is a common heuristic used to foretell a pending recession environment.





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

Yen drops to 38-year low, U.S. dollar slumps after weak data (cnbc.com)

U.S. job growth revised down by the most since 2009. Why this time is different (cnbc.com)

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

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

Top 25 Stocks in the S&P 500 By Index Weight for July 2024 (investopedia.com)

Fed's Jerome Powell Declares 'Time Has Come' for Interest-Rate Cuts - WSJ

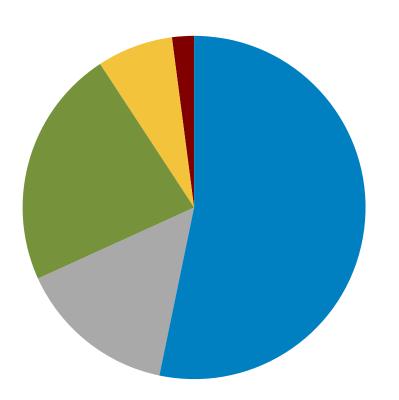
Why Chinese banks are now vanishing (economist.com)

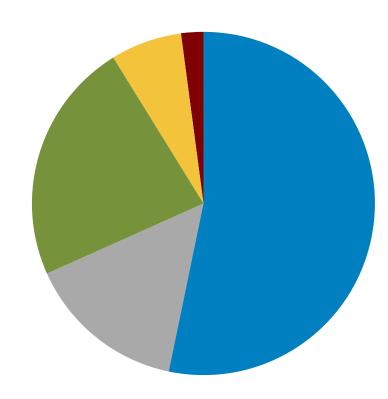
Fed rate cut: Here's what changed in the central bank's statement (cnbc.com)

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

Asset Allocation By Segment as of June 30, 2024 : \$43,027,516

Asset Allocation By Segment as of September 30, 2024 : \$45,103,150

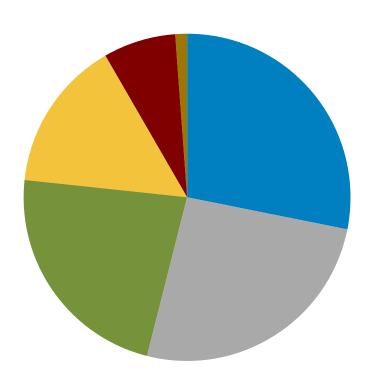


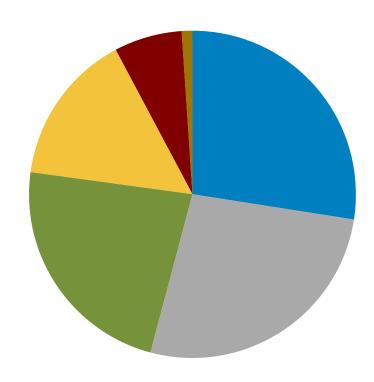


ocation	Allocation						
Segments	Market Value	Allocation	Segments	Market Value	Allocation		
■ Domestic Equity	22,909,250	53.2	■ Domestic Equity	24,015,381	53.2		
■ International Equity	6,440,085	15.0	International Equity	6,788,745	15.1		
Domestic Fixed Income	9,702,049	22.5	Domestic Fixed Income	10,317,856	22.9		
Real Estate	3,085,240	7.2	Real Estate	3,031,832	6.7		
Cash Equivalent	890,893	2.1	Cash Equivalent	949,336	2.1		

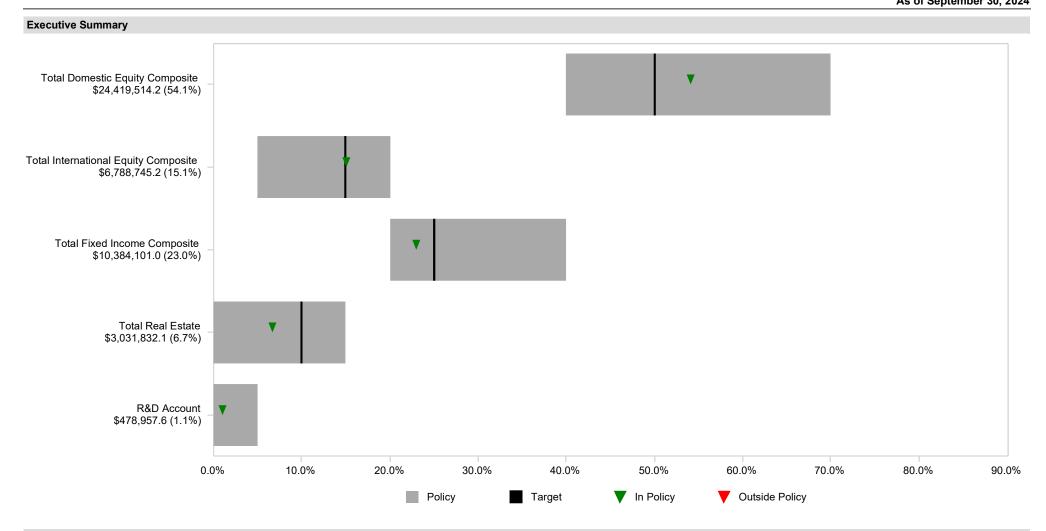
Asset Allocation By Manager as of Jun-2024 : \$43,027,516

Asset Allocation By Manager as of Sep-2024 : \$45,103,150

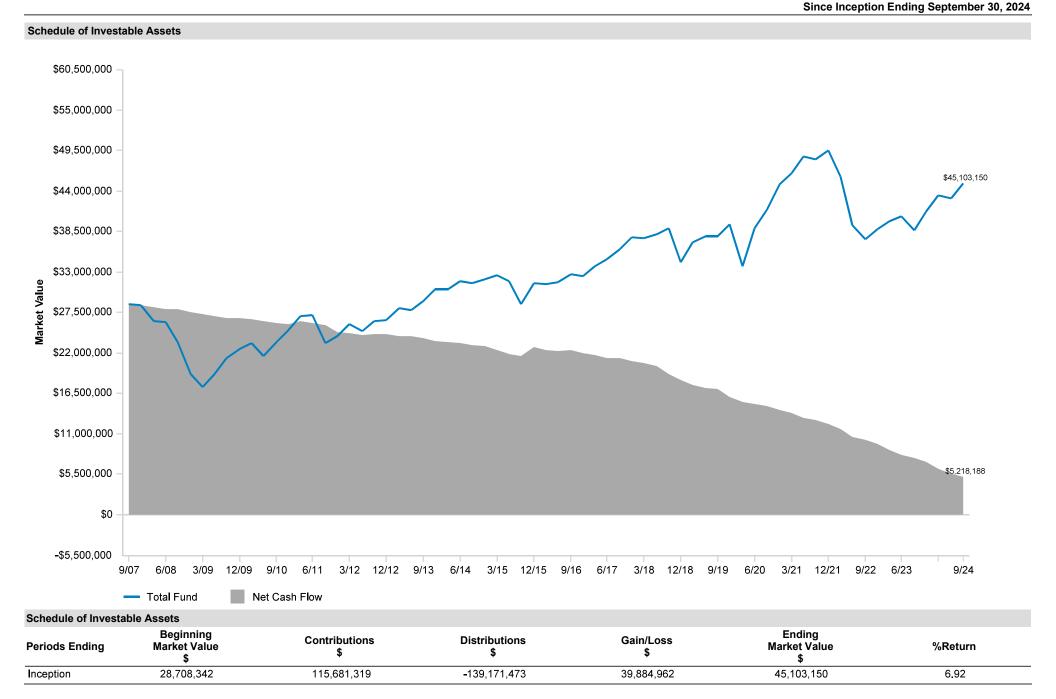




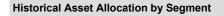
llocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Fred Alger Large Growth	12,106,742	28.1	Fred Alger Large Growth	12,386,894	27.5
■ Brandywine Dynamic Value	11,103,217	25.8	■ Brandywine Dynamic Value	12,032,621	26.7
■ Garcia Hamilton Fixed Income	9,786,125	22.7	■ Garcia Hamilton Fixed Income	10,384,101	23.0
American Funds EuroPacific Gr R6 (RERGX)	6,440,085	15.0	American Funds EuroPacific Gr R6 (RERGX)	6,788,745	15.1
■ ASB (Real Estate)	3,085,240	7.2	■ ASB (Real Estate)	3,031,832	6.7
R&D Account	506,107	1.2	R&D Account	478,958	1.1

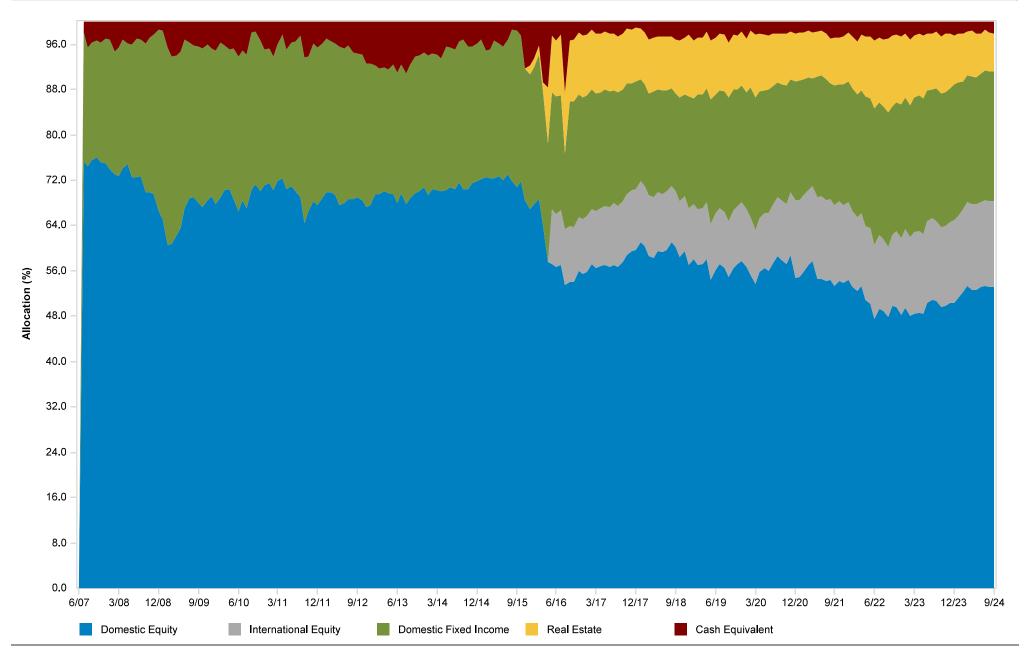


Asset Allocation Compliance					
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Minimum Allocation (%)	Maximum Allocation (%)
Total Fund	45,103,150	100.0	100.0	N/A	N/A
Total Domestic Equity Composite	24,419,514	54.1	50.0	40.0	70.0
Total International Equity Composite	6,788,745	15.1	15.0	5.0	20.0
Total Fixed Income Composite	10,384,101	23.0	25.0	20.0	40.0
Total Real Estate	3,031,832	6.7	10.0	0.0	15.0
R&D Account	478,958	1.1	0.0	0.0	5.0



Asset Allocation Attributes										
	Sep-2	023	Dec-2	023	Mar-2	024	Jun-2	024	Sep-2	024
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Equity Composite	25,167,067	65.05	27,331,252	66.22	29,867,136	68.83	29,650,045	68.91	31,208,259	69.19
Total Domestic Equity Composite	19,723,564	50.98	21,323,053	51.66	23,411,892	53.95	23,209,960	53.94	24,419,514	54.14
Brandywine Dynamic Value	9,832,786	25.41	10,460,121	25.34	11,628,698	26.80	11,103,217	25.80	12,032,621	26.68
Fred Alger Large Growth	9,890,778	25.56	10,862,932	26.32	11,783,194	27.15	12,106,742	28.14	12,386,894	27.46
Total International Equity Composite	5,443,503	14.07	6,008,199	14.56	6,455,244	14.88	6,440,085	14.97	6,788,745	15.05
American Funds EuroPacific Gr R6 (RERGX)	5,443,503	14.07	6,008,199	14.56	6,455,244	14.88	6,440,085	14.97	6,788,745	15.05
Total Fixed Income Composite	9,214,692	23.82	9,922,531	24.04	9,787,342	22.56	9,786,125	22.74	10,384,101	23.02
Garcia Hamilton Fixed Income	9,214,692	23.82	9,922,531	24.04	9,787,342	22.56	9,786,125	22.74	10,384,101	23.02
ASB (Real Estate)	3,922,425	10.14	3,608,159	8.74	3,353,677	7.73	3,085,240	7.17	3,031,832	6.72
7102 (1104) 204(0)	0,022,120	10111	0,000,100	3.1.1	0,000,011	711.0	0,000,210	7	0,001,002	VII. 2
R&D Account	386,242	1.00	412,419	1.00	384,298	0.89	506,107	1.18	478,958	1.06
Total Fund	38,690,426	100.00	41,274,361	100.00	43,392,453	100.00	43,027,516	100.00	45,103,150	100.00





Financial Reconciliation Quarter to Date									
	Market Value 07/01/2024	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 09/30/2024
Total Equity Composite	29,650,045	-264,800	-	-	-27,748	-	79,583	1,771,180	31,208,259
Total Domestic Equity Composite	23,209,960	-264,800	-	-	-27,748	-	79,583	1,422,520	24,419,514
Brandywine Dynamic Value	11,103,217	-	-	-	-11,103	-	66,464	874,042	12,032,621
Fred Alger Large Growth	12,106,742	-264,800	-	-	-16,646	-	13,119	548,478	12,386,894
Total International Equity Composite	6,440,085	-	-	-	-	-	-	348,660	6,788,745
American Funds EuroPacific Gr R6 (RERGX)	6,440,085	-	-	-	-	-	-	348,660	6,788,745
Total Fixed Income Composite	9,786,125	-	-	-	-6,115	-	79,827	524,264	10,384,101
Garcia Hamilton Fixed Income	9,786,125	-	-	-	-6,115	-	79,827	524,264	10,384,101
ASB (Real Estate)	3,085,240	-15,301	-	-	-7,599	•	31,537	-62,045	3,031,832
R&D Account	506,107	280,101	546,627	-831,373	-	-25,127	2,624	-	478,958
Total Fund	43,027,516	-	546,627	-831,373	-41,462	-25,127	193,570	2,233,399	45,103,150

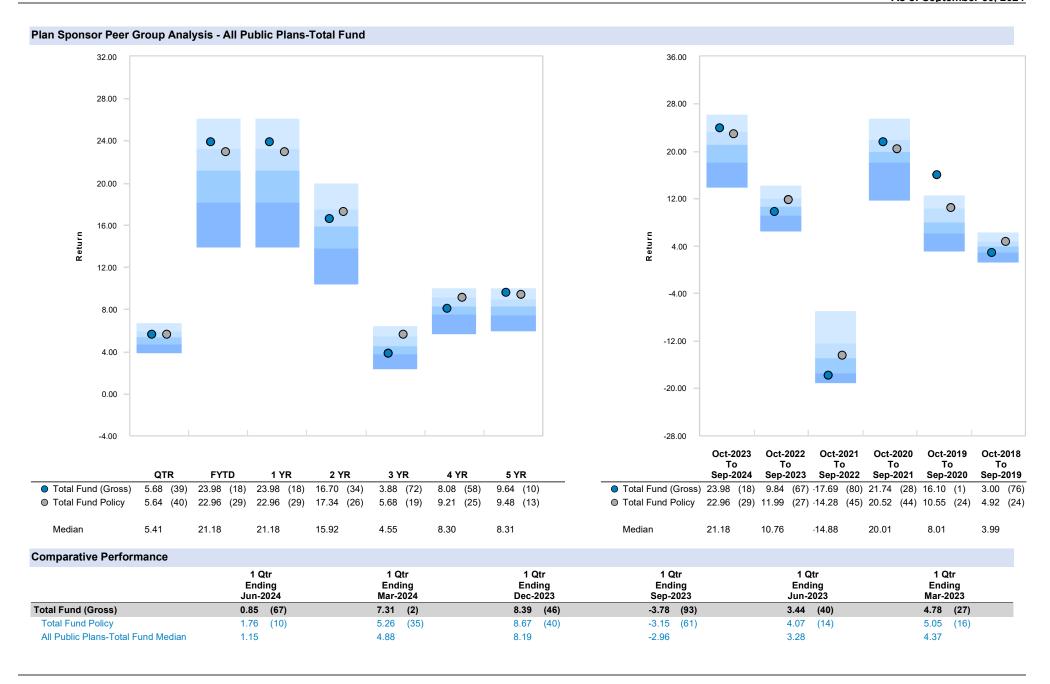
Financial Reconciliation Fiscal Year to Date									
	Market Value 10/01/2023	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 09/30/2024
Total Equity Composite	25,167,067	-2,449,800	-	-	-104,400	-	682,312	7,913,081	31,208,259
	10 700 701	0.440.000			40.4.400				04.440.544
Total Domestic Equity Composite	19,723,564	-2,449,800	-	-	-104,400	-	322,272	6,927,878	24,419,514
Brandywine Dynamic Value	9,832,786	-100,000	-	-	-43,021	-	259,482	2,083,374	12,032,621
Fred Alger Large Growth	9,890,778	-2,349,800	-	-	-61,379	-	62,790	4,844,504	12,386,894
Total International Equity Composite	5,443,503	-	-	-	-	-	360,040	985,203	6,788,745
American Funds EuroPacific Gr R6 (RERGX)	5,443,503	-	-	-	-	-	360,040	985,203	6,788,745
Total Fixed Income Composite	9,214,692	-	-	-	-24,189	-	305,287	888,310	10,384,101
Garcia Hamilton Fixed Income	9,214,692	-	-	-	-24,189	-	305,287	888,310	10,384,101
ASB (Real Estate)	3,922,425	-15,301	-	-	-32,779	-	31,537	-874,049	3,031,832
DOD Assessment	200.040	0.405.404	4 400 540	2 440 252		402.007	0.550		470.050
R&D Account	386,242	2,465,101	1,160,542	-3,419,256	-	-123,227	9,556	-	478,958
Total Fund	38,690,426	-	1,160,542	-3,419,256	-161,368	-123,227	1,028,692	7,927,342	45,103,150

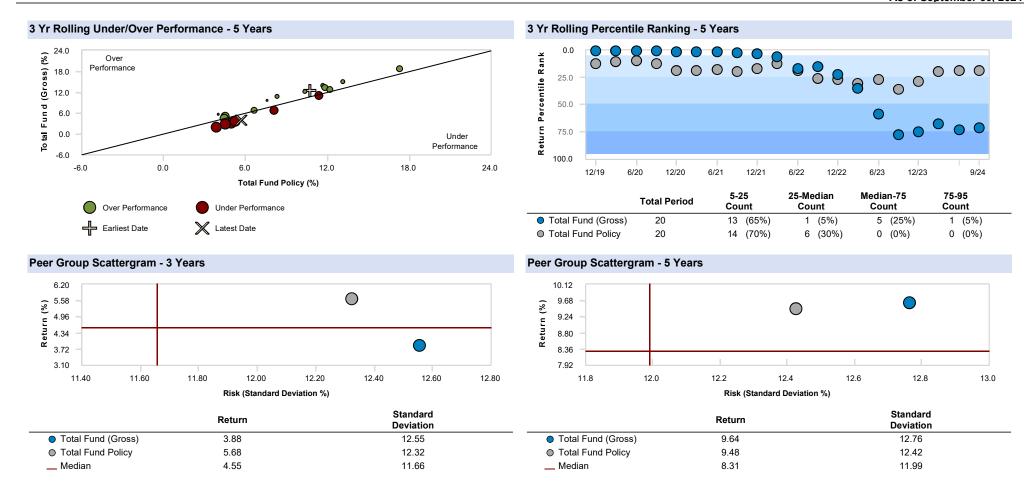
	QT	R	FY	ΓD	1 Y	'R	3 Y	'R	5 Y	R	10 \	/R	Inception	Inception Date
Total Fund (Net)	5.59		23.50		23.50		3.44		9.17		7.98		8.91	08/01/1986
Total Fund Policy	5.64		22.96		22.96		5.68		9.48		8.43		8.68	
Total Fund (Gross)	5.68	(39)	23.98	(18)	23.98	(18)	3.88	(72)	9.64	(10)	8.46	(8)	9.22 (N/A)	08/01/1986
Total Fund Policy	5.64	(40)	22.96	(29)	22.96	(29)	5.68	(19)	9.48	(13)	8.43	(8)	8.68 (N/A)	
All Public Plans-Total Fund Median	5.41		21.18		21.18		4.55		8.31		7.31		N/A	
Total Equity	6.25		35.63		35.63		7.23		14.37		11.76		11.67	08/01/1986
Total Equity Policy	6.67		33.05		33.05		9.05		13.64		11.22		10.30	
Total Domestic Equity Composite	6.48	(45)	38.82	(8)	38.82	(8)	9.22	(61)	16.18	(12)	N/A		15.37 (11)	09/01/2016
Total Domestic Equity Policy	6.23	(51)	35.19	(32)	35.19	(32)	10.29	(35)	15.26	(30)	N/A		14.21 (35)	
IM U.S. All Cap Core Equity (SA+CF) Median	6.23		31.98		31.98		9.80		14.61		12.20		13.62	
Brandywine Dynamic Value	8.47	(37)	24.15	(89)	24.15	(89)	7.92	(90)	12.94	(48)	N/A		12.30 (38)	09/01/2016
Russell 1000 Value Index	9.43	(19)	27.76	(60)	27.76	(60)	9.03	(79)	10.69	(85)	9.23	(86)	10.08 (88)	
IM U.S. Large Cap Value Equity (SA+CF) Median	7.77		28.86		28.86		10.75		12.90		10.51		11.92	
Fred Alger Large Growth	4.66	(31)	54.41	(2)	54.41	(2)	9.53	(54)	18.33	(36)	N/A		17.76 (34)	09/01/2016
Russell 1000 Growth Index	3.19	(56)	42.19	(42)	42.19	(42)	12.02	(23)	19.74	(17)	16.52	(16)	18.51 (17)	
IM U.S. Large Cap Growth Equity (SA+CF) Median	3.46		40.93		40.93		9.72		17.49		15.32		16.90	
Total International Equity	5.41	(60)	24.71	(66)	24.71	(66)	0.06	(49)	7.52	(49)	N/A		7.92 (41)	06/01/2016
Total International Equity Policy	8.17	(22)	25.96	(54)	25.96	(54)	4.67	(10)	8.10	(38)	N/A		7.99 (39)	
Foreign Large Growth Median	6.14		26.16		26.16		-0.01		7.47		6.26		7.67	
American Funds EuroPacific Gr R6 (RERGX)	5.41	(60)	24.71	(66)	24.71	(66)	0.06	(49)	7.52	(49)	N/A		7.92 (41)	06/01/2016
MSCI AC World ex USA	8.17	(22)	25.96	(54)	25.96	(54)	4.67	(10)	8.10	(38)	5.72	(64)	7.99 (39)	
Foreign Large Growth Median	6.14		26.16		26.16		-0.01		7.47		6.26		7.67	

	QT	R	FYT	D	1 Y	'R	3 Y	'R	5 Y	R	10`	Y R	Inception	Inception Date
Total Fixed Income Composite	6.18		12.97		12.97		-0.66		0.70		1.92		5.09	03/01/1988
Total Fixed Income Policy	5.20		11.57		11.57		-1.39		0.33		1.84		5.35	
Garcia Hamilton Fixed Income	6.18	(1)	12.97	(18)	12.97	(18)	-0.66	(18)	0.70	(73)	N/A		1.52 (80)	09/01/2016
Blmbg. U.S. Aggregate Index	5.20	(67)	11.57	(89)	11.57	(89)	-1.39	(90)	0.33	(98)	1.84	(97)	1.28 (97)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	5.24		12.30		12.30		-0.96		0.89		2.34		1.84	
ASB (Real Estate)	-0.99	(97)	-21.54	(99)	-21.54	(99)	-8.38	(97)	-2.48	(96)	N/A		0.90 (96)	01/01/2016
NCREIF Fund Index-Open End Diversified Core (EW)	0.14	(62)	-7.74	(66)	-7.74	(66)	-0.26	(59)	3.16	(50)	6.33	(66)	5.19 (62)	
IM U.S. Open End Private Real Estate (SA+CF) Median	0.26		-6.22		-6.22		0.28		3.14		6.66		5.55	

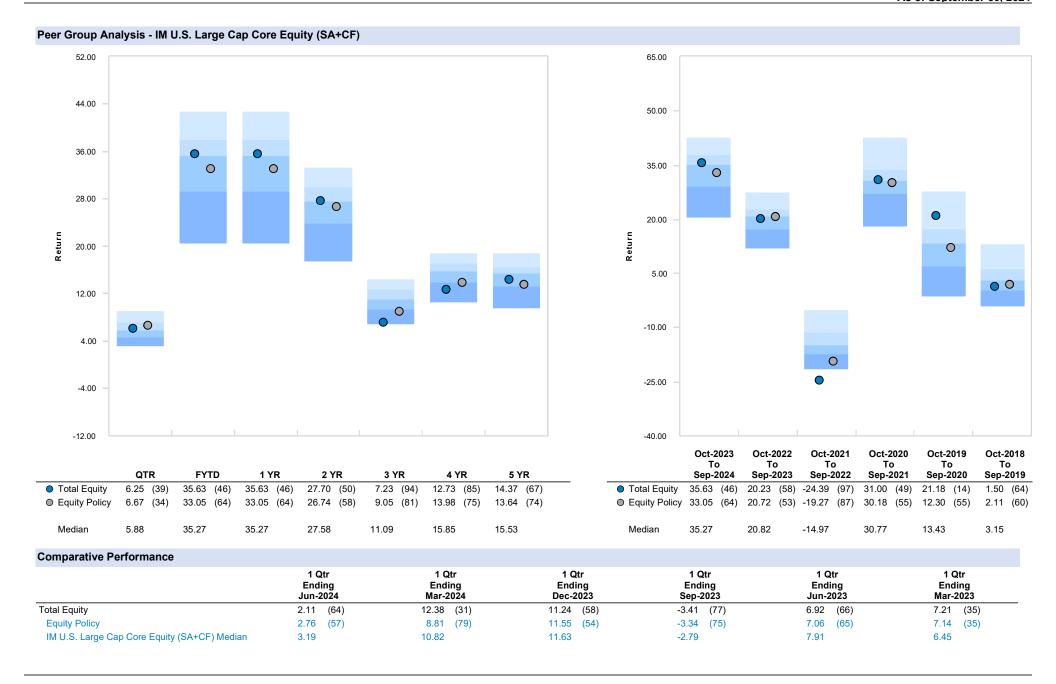
Comparative Performance Fiscal Year Returns	Oct-2	2023	Oct-2	2022	Oct-2	021	Oct-2	2020	Oct-2	2019	Oct-2	2018	Oct-2	2017	Oct-2016	Oct-2015	Oct-2014	Oct-2013
	T		To		То		To		To		T		To		To	То	То	То
T-4-1 F	Sep-2	2024	Sep-2	2023	Sep-2	022	Sep-2	2021	Sep-2	2020	Sep-	2019	Sep-2	2018	Sep-2017	Sep-2016	Sep-2015	Sep-2014
Total Fund (Net)	23.50		9.36		-18.05		21.18		15.61		2.38		13.30		13.42	11.20	-5.00	11.67
Total Fund Policy	22.96		11.99		-14.28		20.52		10.55		4.92		9.54		12.98	11.03	-0.92	10.97
Total Fund (Gross)	23.98	(18)	9.84	(67)	-17.69	(80)	21.74	(28)	16.10	(1)	3.00	(76)	13.77	(1)	13.93 (9)	11.64 (4)	-4.57 (95)	12.11 (6)
Total Fund Policy	22.96	(29)	11.99	(27)	-14.28	(45)	20.52	(44)	10.55	(24)	4.92	(24)	9.54	(18)	12.98 (23)	11.03 (9)	-0.92 (55)	10.97 (20)
All Public Plans-Total Fund Median	21.18		10.76		-14.88		20.01		8.01		3.99		7.82		11.83	9.42	-0.76	9.61
Total Equity Composite	35.63		20.23		-24.39		31.00		21.18		1.50		18.41		20.46	15.05	-6.76	16.51
Total Equity Policy	33.05		20.72		-19.27		30.18		12.30		2.11		13.94		19.11	13.79	-3.15	14.79
Total Domestic Equity Composite	38.82	(8)	20.47	(39)	-22.10	(92)	32.83	(43)	22.31	(13)	1.56	(66)	21.58	(16)	20.41 (26)	N/A	N/A	N/A
Total Domestic Equity Policy	35.19	(32)	20.46	(39)	-17.63	(65)	31.88	(46)	15.00	(44)	2.92	(50)	17.58	(42)	18.71 (41)	N/A	N/A	N/A
IM U.S. All Cap Core Equity (SA+CF) Median	31.98	, ,	19.63		-16.81		31.49	, ,	13.75	, ,	2.87		16.81	, ,	18.13	12.48	-0.51	17.15
Brandywine Dynamic Value	24.15	(89)	15.64	(61)	-12.46	(75)	42.92	(26)	2.29	(28)	0.78	(64)	15.34	(19)	19.03 (37)	N/A	N/A	N/A
Russell 1000 Value Index	27.76	(60)	14.44	(68)	-11.36	(66)	35.01	(59)	-5.03	(66)	4.00	(39)	9.45	(76)	15.12 (76)	16.19 (25)	-4.42 (64)	18.89 (43)
IM U.S. Large Cap Value Equity (SA+CF) Median	28.86		16.89		-9.54		37.01		-3.19		2.49		11.91		17.82	13.35	-3.32	18.40
Fred Alger Large Growth	54.41	(2)	24.50	(62)	-31.65	(81)	23.59	(86)	42.86	(19)	2.40	(64)	27.77	(30)	21.75 (40)	N/A	N/A	N/A
Russell 1000 Growth Index	42.19	(42)	27.72	(40)	-22.59	(40)	27.32	(49)	37.53	(31)	3.71	(52)	26.30	(39)	21.94 (39)	13.76 (21)	3.17 (58)	19.15 (39)
IM U.S. Large Cap Growth Equity (SA+CF) Median	40.93		25.72		-24.90		27.23		33.81		3.80		24.83		21.06	11.84	3.88	18.13
Total International Equity Composite	24.71	(66)	19.64	(35)	-32.85	(51)	24.76	(17)	14.97	(67)	1.13	(47)	1.47	(80)	20.63 (19)	N/A	N/A	N/A
Total International Equity Policy	25.96	(54)	21.02	(24)	-24.79	(7)	24.45	(20)	3.45	(97)	-0.72	(67)	2.25	(74)	20.15 (25)	N/A	N/A	N/A
Foreign Large Growth Median	26.16		18.53		-32.65		20.02		17.27		0.96		4.07		18.05	8.65	-5.54	3.78
American Funds EuroPacific Gr R6 (RERGX)	24.71	(66)	19.64	(35)	-32.85	(51)	24.76	(17)	14.97	(67)	1.13	(47)	1.47	(80)	20.63 (19)	N/A	N/A	N/A
MSCI AC World ex USA	25.96	(54)	21.02	(24)	-24.79	(7)	24.45	(20)	3.45	(97)	-0.72	(67)	2.25	(74)	20.15 (25)	9.80 (40)	-11.78 (98)	5.22 (37)
Foreign Large Growth Median	26.16		18.53		-32.65		20.02		17.27		0.96		4.07		18.05	8.65	-5.54	3.78
Total Fixed Income Composite	12.97		-0.63		-12.69		-1.46		7.19		8.40		0.79		0.36	4.51	1.92	2.77
Total Fixed Income Policy	11.57		0.64		-14.60		-0.90		6.98		10.30		-1.22		0.07	5.19	2.94	3.96
Garcia Hamilton Fixed Income	12.97	(18)	-0.63	(98)	-12.69	(6)	-1.46	(96)	7.19	(58)	8.40	(97)	0.79	(4)	0.36 (64)	N/A	N/A	N/A
Blmbg. U.S. Aggregate Index	11.57	(89)	0.64	(73)	-14.60	(63)	-0.90	(83)	6.98	(76)	10.30	(69)	-1.22	(88)	0.07 (84)	5.19 (79)	2.94 (62)	3.96 (79)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	12.30		1.06		-14.50		-0.05		7.48		10.41		-0.74		0.62	5.66	3.01	4.41

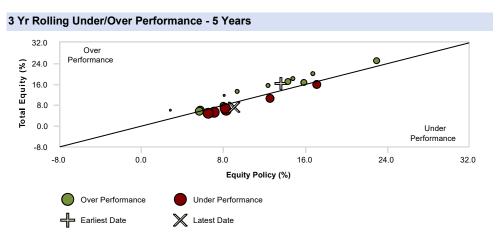
	Oct-2023 To Sep-2024	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014
ASB (Real Estate)	-21.54 (99)	-18.28 (93)	19.96 (58)	11.76 (80)	2.59 (25)	4.38 (81)	8.30 (65)	3.61 (100)	N/A	N/A	N/A
NCREIF Fund Index-Open End Diversified Core (EW)	-7.74 (66)	-12.40 (46)	22.76 (40)	15.75 (50)	1.74 (43)	6.17 (69)	8.82 (58)	7.81 (51)	10.62 (65)	14.71 (54)	12.39 (69)
IM U.S. Open End Private Real Estate (SA+CF) Median	-6.22	-12.50	20.33	15.73	1.58	6.80	8.98	7.83	11.14	15.19	12.90
Bowen Hanes Balanced Portfolio	N/A	-5.47 (99)	12.93 (3)								
Total Bowen Policy	26.83 (2)	13.82 (9)	-16.05 (76)	19.08 (69)	13.48 (3)	6.53 (8)	10.86 (5)	11.80 (55)	11.63 (7)	0.76 (16)	13.62 (2)
All Public Plans-Total Fund Median	20.36	10.59	-13.54	20.66	7.41	4.32	7.54	12.13	9.79	-0.78	9.87
Bowen Hanes Equity	N/A	-7.77 (98)	17.54 (72)								
Russell 1000 Index	35.68 (46)	21.19 (44)	-17.22 (74)	30.96 (49)	16.01 (34)	3.87 (43)	17.76 (47)	18.54 (60)	14.93 (30)	-0.61 (66)	19.01 (56)
IM U.S. Large Cap Core Equity (SA+CF) Median	35.27	20.82	-14.97	30.77	13.43	3.15	17.48	19.05	13.19	0.09	19.36
Bowen Hanes Fixed Income	N/A	1.43 (98)	2.28 (100)								
Total Fixed Income Policy	11.57 (89)	0.64 (73)	-14.60 (63)	-0.90 (83)	6.98 (76)	10.30 (69)	-1.22 (88)	0.07 (84)	5.19 (79)	2.94 (62)	3.96 (79)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	12.30	1.06	-14.50	-0.05	7.48	10.41	-0.74	0.62	5.66	3.01	4.41
Rockwood Balanced Portfolio	N/A	-1.43 (66)	10.08 (46)								
Total Rockwood Policy	26.54 (2)	13.38 (12)	-16.32 (79)	19.62 (64)	12.86 (3)	5.92 (14)	10.74 (5)	11.91 (53)	11.65 (7)	0.84 (15)	12.85 (4)
All Public Plans-Total Fund Median	20.36	10.59	-13.54	20.66	7.41	4.32	7.54	12.13	9.79	-0.78	9.87
Rockwood Equity	N/A	-3.60 (73)	13.41 (80)								
Russell 3000 Index	35.19 (32)	20.46 (39)	-17.63 (65)	31.88 (46)	15.00 (44)	2.92 (50)	17.58 (42)	18.71 (41)	14.96 (27)	-0.49 (50)	17.76 (42)
IM U.S. All Cap Core Equity (SA+CF) Median	31.98	19.63	-16.81	31.49	13.75	2.87	16.81	18.13	12.48	-0.51	17.15
Rockwood Fixed Income	N/A	2.93 (62)	3.76 (91)								
Total Fixed Income Policy	11.57 (89)	0.64 (73)	-14.60 (63)	-0.90 (83)	6.98 (76)	10.30 (69)	-1.22 (88)	0.07 (84)	5.19 (79)	2.94 (62)	3.96 (79)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	12.30	1.06	-14.50	-0.05	7.48	10.41	-0.74	0.62	5.66	3.01	4.41





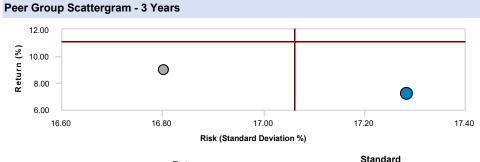
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Gross)	1.93	95.66	104.84	-1.73	-0.88	0.09	1.01	8.60
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.23	1.00	8.20
Historical Statistics	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Gross)	1.92	102.71	103.28	0.04	0.10	0.61	1.02	8.13
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.61	1.00	8.00





3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 50.0 75.0 100.0 12/22 6/23 12/19 6/20 12/20 6/21 12/21 6/22 9/24

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Total Equity	20	8 (40%)	0 (0%)	3 (15%)	9 (45%)
Equity Policy	20	0 (0%)	0 (0%)	12 (60%)	8 (40%)

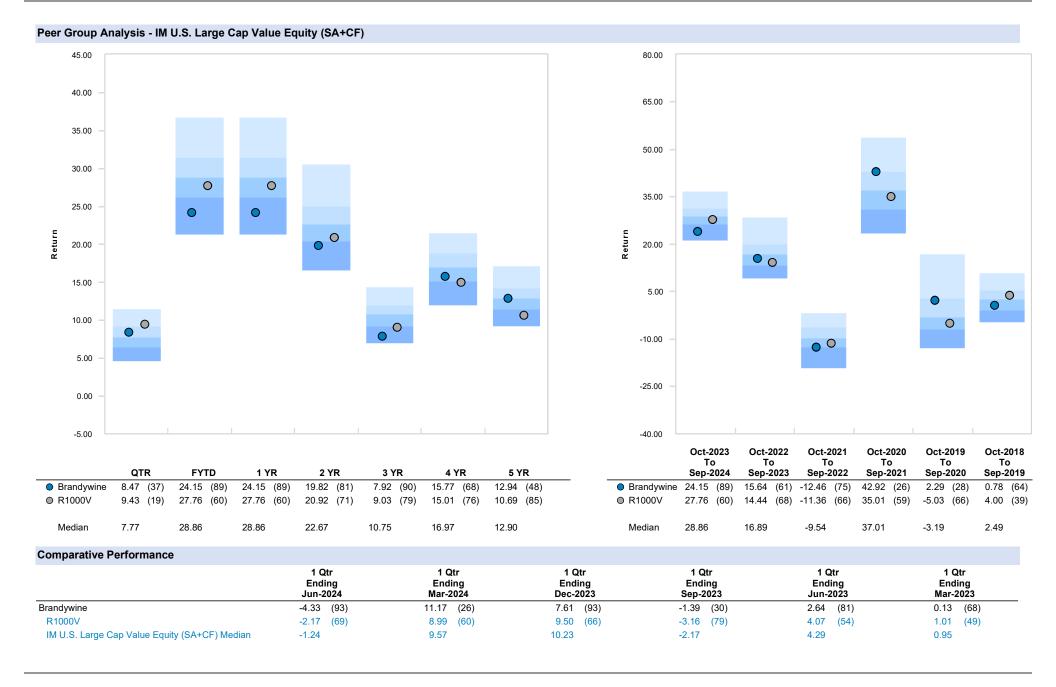


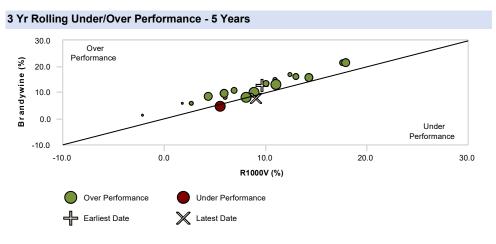
Pee	r Group Scatt	ergram - 5 Years				
	16.12					
(%	15.50					
Return (%)	14.88				_	
etui	14.26					
œ	13.64	0				
	13.02					
	17.75	17.80	17.85	17.90	17.95	18.00
			Risk (Standard D	eviation %)		

	Return	Standard Deviation
Total Equity	7.23	17.28
Equity Policy	9.05	16.80
Median	11.09	17.06

	Return	Standard Deviation
Total Equity	14.37	17.96
Equity Policy	13.64	17.78
Median	15.53	17.88

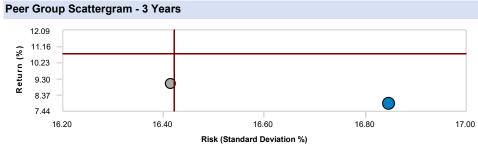
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Equity	2.79	97.08	103.52	-1.75	-0.58	0.30	1.02	11.51
Equity Policy	0.00	100.00	100.00	0.00	N/A	0.40	1.00	10.94
Historical Statist	ics - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Equity	2.64	101.83	99.67	0.69	0.25	0.71	1.00	11.29
Equity Policy	0.00	100.00	100.00	0.00	N/A	0.68	1.00	11.42





3 Yr Rolling Percentile Ranking - 5 Years 10.0 100.0 12/19 6/20 12/20 6/21 12/21 6/22 12/22 6/23 12/23 9/24

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Brandywine	20	5 (25%)	11 (55%)	1 (5%)	3 (15%)
R1000V	20	0 (0%)	0 (0%)	10 (50%)	10 (50%)

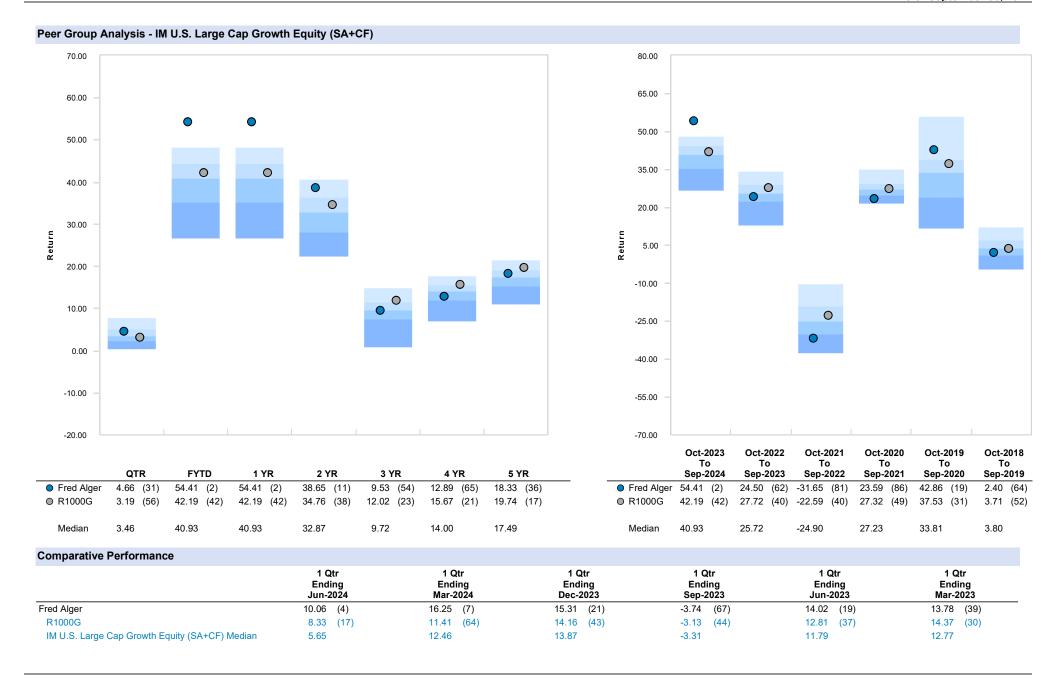


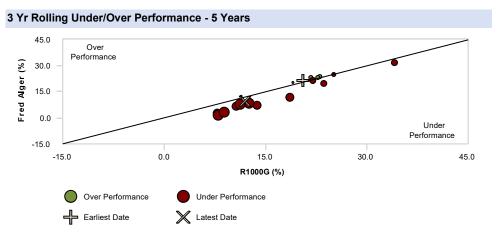
Pee	r Group Scat	tergram - 5	Years					
	14.04							
(9	13.26							
Return (%)	12.48							
etni	11.70							
œ	10.92							
	10.14	1	1		1	1		
	18.20	18.27	18.34	18.41	18.48	18.55	18.62	18.69
			F	lisk (Standard I	Deviation %)			

	Return	Standard Deviation
Brandywine	7.92	16.85
R1000V	9.03	16.41
Median	10.75	16.42

	Return	Standard Deviation
Brandywine	12.94	18.56
	10.69	18.28
Median	12.90	18.44

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Brandywine	4.56	97.01	100.31	-0.84	-0.21	0.33	0.99	10.47
R1000V	0.00	100.00	100.00	0.00	N/A	0.40	1.00	10.18
Historical Statist	ics - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Brandywine	4.38	104.11	96.16	2.24	0.47	0.63	0.99	11.69
R1000V	0.00	100.00	100.00	0.00	N/A	0.52	1.00	12.03





3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 50.0 75.0 100.0 6/20 12/20 6/21 12/21 12/22 12/23 9/24 12/19 6/22 6/23

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Fred Alger	20	1 (5%)	8 (40%)	4 (20%)	7 (35%)	
R1000G	20	9 (45%)	11 (55%)	0 (0%)	0 (0%)	



Pee	r Group Sca	ttergram - 5	Years					
Return (%)	20.72 19.98 – 19.24 –		0					
Retu	18.50 — 17.76 —						•	
	17.02 19.95	20.16	20.37	20.58	20.79	21.00	21.21	21.42
			F	tisk (Standard I	Deviation %)			

	Return	Standard Deviation
Fred Alger	9.53	22.24
R1000G	12.02	20.56
Median	9.72	20.44

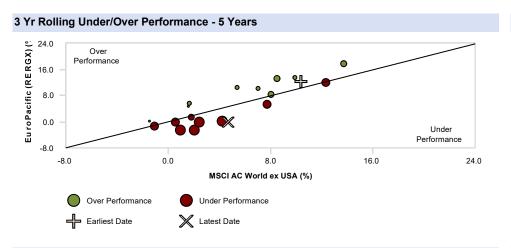
	Return	Standard Deviation
Fred Alger	18.33	21.16
R1000G	19.74	20.41
Median	17.49	20.24

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fred Alger	4.45	101.10	109.60	-2.70	-0.43	0.37	1.06	14.91
R1000G	0.00	100.00	100.00	0.00	N/A	0.49	1.00	13.36
Historical Statis	tics - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fred Alger	3.86	98.52	102.06	-1.42	-0.27	0.80	1.02	12.97
R1000G	0.00	100.00	100.00	0.00	N/A	0.88	1.00	12.21



1 (5%)

9 (45%)



3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 0 25.0 50.0 75.0 100.0 12/20 6/21 12/21 6/22 12/22 6/23 12/23 9/24 12/19 5-25 25-Median Median-75 75-95 **Total Period** Count Count Count Count AF EuroPacific (RERGX)

1 (5%)

6 (30%)

7 (35%)

4 (20%)

11 (55%)

1 (5%)

20

20

MSCI AC World ex USA

Peer Group Scattergram - 3 Years 6.00 0 Return (%) 4.00 2.00 0.00 -2.00 15.62 16.33 17.04 17.75 18.46 19.17 19.88 Risk (Standard Deviation %)

Peer Group Sca	nttergram - 5 Y	ears				
8.40 % 8.10 – 7.80 – 7.50 –	0					
7.50 7.20	17.10	17.48	17.86	18.24	18.62	19.00

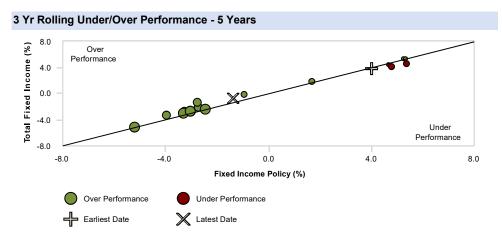
	Return	Standard Deviation
 AF EuroPacific (RERGX) 	0.06	17.65
MSCI AC World ex USA	4.67	16.10
Median	-0.01	19.23

	Return	Standard Deviation
AF EuroPacific (RERGX)	7.52	18.50
 MSCI AC World ex USA 	8.10	17.04
Median	7.47	18.71

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
AF EuroPacific (RERGX)	4.47	100.75	122.10	-4.51	-0.95	-0.10	1.06	12.15
MSCI AC World ex USA	0.00	100.00	100.00	0.00	N/A	0.15	1.00	10.56
Historical Statistics - 5	Years							
		Un	Down					

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
AF EuroPacific (RERGX)	4.54	106.32	110.88	-0.78	-0.06	0.36	1.05	12.11
MSCI AC World ex USA	0.00	100.00	100.00	0.00	N/A	0.41	1.00	11.27





3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 0 50.0 75.0 100.0 6/22 12/22 6/23 12/23 9/24 12/19 6/20 12/20

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Total Fixed Income	20	2 (10%)	5 (25%)	5 (25%)	8 (40%)	
 Fixed Income Policy 	20	0 (0%)	1 (5%)	0 (0%)	19 (95%)	

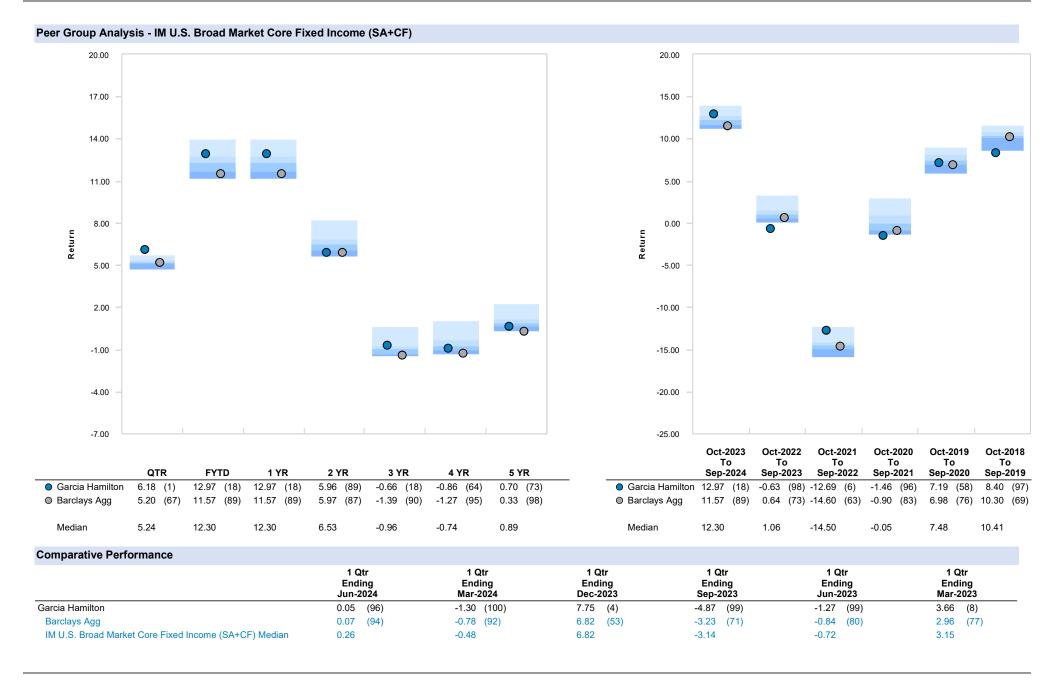
Peer Group Scattergram - 3 Years 0.00 -0.30 Return (%) -0.60 -0.90 -1.20 -1.50 -1.80 7.13 7.36 7.59 7.82 8.05 8.28 8.51 8.74 8.97 Risk (Standard Deviation %)

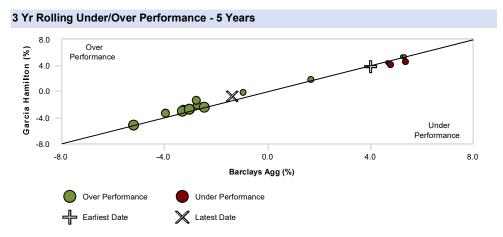
Peer Group Sc	attergram	- 5 Years						
1.00								
3 0.80 -								
0.40 –							,	
œ 0.40 –	(0						
0.20							_!.	
5.95	6.12	6.29	6.46	6.63	6.80	6.97	7.14	7.31
			Risk (Sta	ndard Deviati	on %)			

	Return	Standard Deviation
Total Fixed Income	-0.66	8.62
 Fixed Income Policy 	-1.39	7.53
Median	-0.96	7.52

	Return	Standard Deviation
 Total Fixed Income 	0.70	7.03
 Fixed Income Policy 	0.33	6.21
Median	0.89	6.35

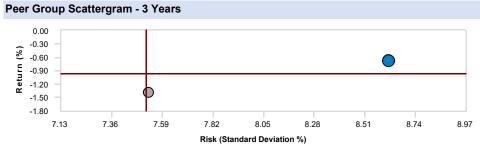
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fixed Income	1.70	118.63	109.49	0.97	0.48	-0.44	1.13	5.79
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	-0.62	1.00	5.32
Historical Statistics	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fixed Income	1.57	112.77	108.40	0.36	0.27	-0.19	1.11	4.64
Fixed Income Policy	0.00	100.00	100.00	0.00	N/A	-0.29	1.00	4.27





3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 25.0 0 50.0 75.0 100.0 12/21 6/22 12/22 6/23 12/23 9/24 12/19 6/20 12/20

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Garcia Hamilton	20	2 (10%)	5 (25%)	5 (25%)	8 (40%)
 Barclays Agg 	20	0 (0%)	1 (5%)	0 (0%)	19 (95%)

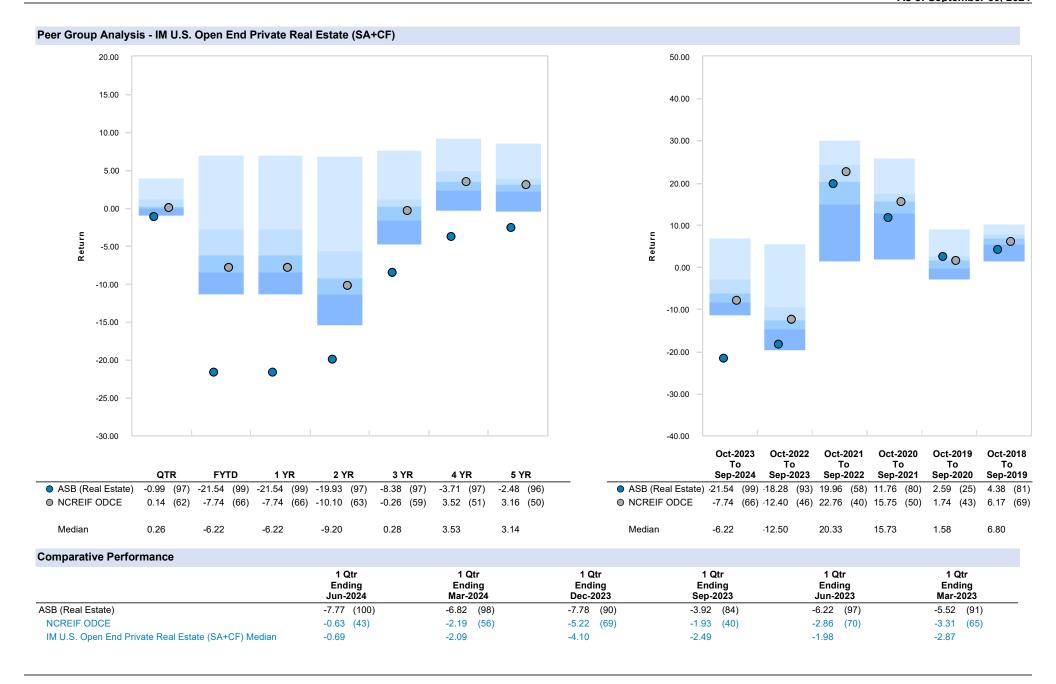


eer Group Sc	attergram	- 5 Years						
1.00								
⊗ 0.80 −								
0.60 –							,	
0.10	(0						
0.20 5.95	6.12	6.29	6.46	6.63	6.80	6.97	7.14	7.31
			Risk (Sta	ndard Deviation	on %)			

	Return	Standard Deviation
Garcia Hamilton	-0.66	8.62
Barclays Agg	-1.39	7.53
Median	-0.96	7.52

	Return	Standard Deviation
Garcia Hamilton	0.70	7.03
 Barclays Agg 	0.33	6.21
Median	0.89	6.35

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Garcia Hamilton	1.70	118.63	109.49	0.97	0.48	-0.44	1.13	5.79
Barclays Agg	0.00	100.00	100.00	0.00	N/A	-0.62	1.00	5.32
Historical Statistic	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Garcia Hamilton	1.57	112.77	108.40	0.36	0.27	-0.19	1.11	4.64
Barclays Agg	0.00	100.00	100.00	0.00	N/A	-0.29	1.00	4.27

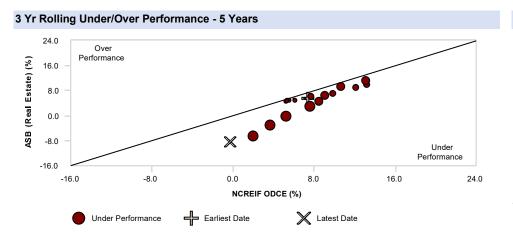


75-95

Count

14 (70%)

0 (0%)



3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 00000000000 25.0 50.0 75.0 100.0 6/23 12/23 9/24 12/19 6/20 12/20 6/21 12/21 6/22 12/22

25-Median

Count

0 (0%)

11 (55%)

Median-75

Count

6 (30%)

9 (45%)

5-25

Count

0 (0%)

0 (0%)

Total Period

20

20

ASB (Real Estate)

NCREIF ODCE

Pee	r Gro	up Scatt	ergram -	3 Years						
_	3.00									
Return (%)	-3.00			0						
etur	-6.00	-								
Œ	-9.00	-							1	
	-12.00	7 98	8.36	8 74	9 12	9.50	9.88	10.26	10.64	11.02

Risk (Standard Deviation %)

Pee	r Group Sca	attergram -	5 Years						
Return (%)	6.00 4.00 – 2.00 – 0.00 – -2.00 –	•						A	
	-4.00 7.25	7.54	7.83	8.12	8.41	8.70	8.99	9.28	9.57
				Risk (Star	ndard Deviation	on %)			

	Return	Standard Deviation
ASB (Real Estate)	-8.38	10.39
NCREIF ODCE	-0.26	8.64
Median	0.28	8.99

	Return	Standard Deviation
ASB (Real Estate)	-2.48	9.10
NCREIF ODCE	3.16	7.61
Median	3.14	7.88

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ASB (Real Estate)	5.76	82.98	199.95	-7.92	-1.43	-1.03	1.07	9.47
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	-0.37	1.00	5.14
Historical Statistics	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ASB (Real Estate)	4.73	81.69	190.96	-5.40	-1.16	-0.46	1.01	7.34
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	0.14	1.00	4.02

otal Fund Policy			
Ilocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
ug-1986		Jan-1999	
TSE 3 Month T-Bill	55.00	Russell 1000 Index	60.00
Russell 1000 Index	45.00	Blmbg. U.S. Gov't/Credit	35.00
		FTSE 3 Month T-Bill	5.00
an-1988			
Russell 1000 Index	50.00	Apr-2000	
Blmbg. U.S. Gov't/Credit	45.00	Russell 1000 Index	65.00
TSE 3 Month T-Bill	5.00	Blmbg. U.S. Gov't/Credit	30.00
		FTSE 3 Month T-Bill	5.00
ul-1989	FF 00	0.4.2040	
Russell 1000 Index	55.00 40.00	Oct-2010	50.00
SImbg. U.S. Gov't/Credit		Russell 3000 Index	50.00
TSE 3 Month T-Bill	5.00	MSCI AC World ex USA	15.00
ul-1990		Blmbg. U.S. Aggregate Index	35.00
Russell 1000 Index	60.00	Jan-2016	
Blmbg. U.S. Gov't/Credit	35.00	Russell 3000 Index	50.00
TSE 3 Month T-Bill	5.00	MSCI AC World ex USA	15.00
TOE 3 MONUT 1-DIII	3.00	Blmbg. U.S. Aggregate Index	25.00
ul-1991		NCREIF Fund Index-Open End Diversified Core (EW)	10.00
Russell 1000 Index	55.00	NONEIL Land Index-Open End Diversified Core (EVV)	10.00
Blmbg. U.S. Gov't/Credit	20.00		
TSE 3 Month T-Bill	25.00		
an-1993			
Russell 1000 Index	45.00		
Blmbg. U.S. Gov't/Credit	15.00		
TSE 3 Month T-Bill	40.00		
pr-1994			
Russell 1000 Index	50.00		
Blmbg. U.S. Gov't/Credit	35.00		
TSE 3 Month T-Bill	15.00		
pr-1995			
	65.00		
Russell 1000 Index	65.00 35.00		
Blmbg. U.S. Gov't/Credit	25.00		
TSE 3 Month T-Bill	10.00		
ul-1996			
Russell 1000 Index	70.00		
Blmbg. U.S. Gov't/Credit	25.00		
TSE 3 Month T-Bill	5.00		
TOE O MORIUT I DIII	3.00		

Total Rockwood Policy		
Allocation Mandate	Weight (%)	
Oct-2009		
Russell 3000 Index	60.00	
Blmbg. U.S. Aggregate Index	40.00	
Oct-2010		
Russell 3000 Index	65.00	
Blmbg. U.S. Aggregate Index	35.00	

Total Equity Policy		
Allocation Mandate	Weight (%)	
Jan-1979		
Russell 1000 Index	100.00	
Oct-2010		
Russell 3000 Index	77.00	
MSCI AC World ex USA	23.00	

Total Fixed Income Policy					
Weight (%)					
100.00					
100.00					
	100.00				

Total Domestic Equity Policy							
Allocation Mandate	Weight (%)						
Sep-2016							
Russell 3000 Index	100.00						

Total International Equity Policy								
Allocation Mandate	Weight (%)							
Jun-2016								
MSCI AC World ex USA	100.00							

City of Venice Municipal Police Officers' Pension Trust Fund

Compliance Checklist as of September 30, 2024

To	otal Fund Compliance:	Yes	No	N/A
1.	The total plan return equaled or exceeded the total plan benchmark over the trailing three year period.		•	
2.	The total plan return equaled or exceeded the total plan benchmark over the trailing five year period.	•		
3.	The total plan return ranked within the top 40th percentile of its peer group over the trailing three year period.		✓	
4.	The total plan return ranked within the top 40th percentile of its peer group over the trailing five year period.	✓		
5.	The total plan return equaled or exceeded the 6.75% actuarial earnings assumption over the trailing three year period.		~	
6.	The total plan return equaled or exceeded the 6.75% actuarial earnings assumption over the trailing five year period.	~		

Eq	uity Compliance:	Yes	No	N/A
1.	The total equity returns meet or exceed the benchmark over the trailing three and five year periods.		✓	
2.	The total equity returns ranked within the top 40th percentile of its peer group over the trailing three year period.		•	
3.	The total equity returns ranked within the top 40th percentile of its peer group over the trailing five year period.		✓	
4.	The total equity allocation was less than 75% of the total plan assets at market.	✓		
5.	The total foreign equity was less than 25% of the total plan assets at market.	✓		

Fixed Income Compliance:				N/A
1.	The total fixed income returns meet or exceed the benchmark over the trailing three and five year periods.	•		
2.	The total fixed income returns ranked within the top 40th percentile of its peer group over the trailing three year period.	•		
3.	The total fixed income returns ranked within the top 40th percentile of its peer group over the trailing five year period.		✓	
4.	All investments have a minimum rating of investment grade or higher.	✓		
5.	The total fixed income portfolio duration does not exceed 135% of the target benchmark	✓		

Manager Compliance:		Brandywine			Fred Alger			RERGX			Garcia			ASB		
		Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes I	No	N/A
1.	Manager outperformed the index over the trailing three and five year periods.		✓			✓			✓		~				✓	
2.	Manager ranked within the top 40th percentile over trailing three year period.		✓			✓			~		,				✓	
3.	Manager ranked within the top 40th percentile over trailing five year period.		✓		1				✓			✓			✓	
4.	Less than four consecutive quarters of under performance relative to the benchmark.	✓			1			,			~				,	
5.	Three and five year down-market capture ratio less than the index.		~			~			•			✓			✓	
6.	Manager reports compliance with PFIA.	1			✓					✓	1					✓

Venice Municipal Police Officers' Pension Trust Fund Fee Analysis

As of September 30, 2024

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Fred Alger Large Growth	0.65	12,386,894	80,515	0.65 % of Assets
Brandywine Dynamic Value	0.40	12,032,621	48,130	0.40 % of Assets
American Funds EuroPacific Gr R6 (RERGX)	0.47	6,788,745	31,907	0.47 % of Assets
Garcia Hamilton Fixed Income	0.25	10,384,101	25,960	0.25 % of Assets
ASB (Real Estate)	1.00	3,031,832	30,318	1.00 % of Assets
R&D Account		478,958	-	
Total Fund	0.48	45,103,150	216,831	

Fee information on this page is an illustrative estimate of management fees based on current reported portfolio values. Fee estimates do not reflect actual calculation methodologies or applicable carried interest. *Manager fees associated with money market or cash accounts are not tracked.

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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