

Item 6.b.ii.

December 31, 2023 Quarterly Performance Report

Investment Performance Review
Period Ending December 31, 2023

Delray Beach Firefighters' Retirement System



On behalf of the entire AndCo team, thank you for the opportunity to serve you this past year and for the trust you have placed in us. We take our role as your consultant and trusted advisor seriously and will continue working hard to maintain your confidence.

Looking back at the year, we would like to provide a brief update on where we stand as a firm. 2023 marked the 23rd straight year of growth for the firm and we advise on approximately \$100 billion in client assets as of year-end. We won our second consecutive Greenwich Quality Leader Award based on feedback from our valued clients. Thank you! We continued to reinvest 100% of our net profits back into the organization so we can continue to evolve and adapt within a market environment that is constantly changing and challenging. As we have stated in previous updates, we do not believe the “status quo” is an effective strategy and we are convicted in our belief that a firm not focused on moving forward in our industry is moving backward.

To execute on our commitment to evolve and continue to enhance the organization, we made significant investments in technology during 2023 to embrace digital transformation. We also continued to invest in our proprietary software system to compile and share information firmwide to better serve our clients. We conducted an internal employee survey and received valuable feedback from team members that reinforced what is working and helped us put together action plans to address areas of opportunity to continue to invest in, and understand, our most important asset - our people. We believe this effort helps drive our differentiated culture.

At the beginning of each year, we also discuss the AndCo partnership and, when earned, announce new partners. This year I am thrilled to share five new team members were named partners at AndCo – Joe Carter, Tony Kay, Sara Searle, John Rodak, and Kevin Laake. Joe has been with the firm since 2017 and has held many roles. Most recently he has been in our Performance Reporting department with an eye on transitioning to our Consulting Department. Tony has been with our firm for 8 years and is a

valuable member of the Consulting Department. Sara Searle has been with the company for almost 6 years and is our Chief Compliance Officer. John Rodak has been with the firm for 13 years and has operated within many functional areas and service departments over the years. He currently resides in our Solutions & Growth function. Finally, Kevin has been with the firm for 7 years and operates within our Research Department, covering both public and private equity over his tenure. We could not be happier for the new partners of AndCo or more grateful for the contributions they have made to AndCo since joining the firm. Joe, Tony, Sara, John, and Kevin represent what it means to be an AndCo team member, and we are honored and fortunate to have them as partners at our firm.

The big news for 2024 is that AndCo will be joining Mariner as their new institutional advisory platform. We believe joining forces with Mariner will allow us to better serve our clients going forward and leverage a robust corporate infrastructure so we can continuously focus on a clients first approach.

In closing, while the name AndCo will soon be Mariner Institutional, what won't change is our commitment to you and driving decisions by first asking “how will this impact our clients?” We strongly believe we have found a partner that shares our client-first focus, and we look forward to leveraging our combined expertise to enhance your overall client experience. On the wall at Mariner's headquarters, just like at AndCo's, it proudly says “Clients First.”

Thank you again for your valued partnership and the opportunity to serve you. Happy New Year!



Mike Welker, CFA®
CEO



Organization Chart

Partnership

Mike Welker, CFA®	Jason Purdy	Steve Gordon
Brian Green	Joe Carter, CPFA	Tony Kay
Brooke Wilson, CIPM®	John Rodak, CIPM®	Troy Brown, CFA®
Bryan Bakardjiev, CFA®	Jon Breth, CFP®	Tyler Grumbles, CFA®, CIPM®, CAIA®
Dan Johnson	Kerry Richardville, CFA®	
Dan Osika, CFA®	Kevin Laake, CFA®, CAIA®	
Evan Scussel, CFA®, CAIA®	Kim Spurlin, CPA	
Jacob Peacock, CPFA	Sara Searle	

Leadership & Management

Mike Welker, CFA® CEO	Steve Gordon Solutions & Growth Director	Jacob Peacock, CPFA® Consulting Director
Bryan Bakardjiev, CFA® COO	Troy Brown, CFA® Executive Director of Consulting	Jason Purdy I.T. Director
Evan Scussel, CFA®, CAIA® Executive Director of Research	Brooke Wilson, CIPM® Executive Director of Performance Reporting	Molly Halcom Solutions & Growth Director
Kim Spurlin, CPA CFO	Dan Johnson Consulting Director	Rachel Brignoni, MHR People & Culture Director
Sara Searle CCO	Jack Evatt Consulting Director	
Stacie Runion CHRO		

Investment Policy Committee

Bryan Bakardjiev, CFA®	Sara Searle
Evan Scussel, CFA®, CAIA®	Troy Brown, CFA®
Mike Welker, CFA®	Brooke Wilson, CIPM®

Consulting

Annette Bidart	Chris Kuhn, CFA®, CAIA®	Gwelda Swilley	Jennifer Brozstek	CPFA	Kerry Richardville, CFA®	Mike Bostler	Tim Walters
Brad Hess, CFA®, CPFA	Christiaan Brokaw, CFA®	Ian Jones	Jennifer Gainfort, CFA®, CPFA	Jon Breth, CFP®	Mary Nye	Oleg Sydyak, CFA®, FSA, EA	Tony Kay
Brendon Vavrica, CFP®	Dave West, CFA®	James Ross	John Mellinger	Jorge Friguls, CPFA	Michael Fleiner	Paul Murray, CPFA	Tyler Grumbles, CFA®, CIPM®, CAIA®
Brian Green	Doug Anderson, CPFA	Jeff Kuchta, CFA®, CPFA	John Thinnis, CFA®, CAIA®,	Justin Lauver, Esq.	Michael Holycross	Peter Brown	

Research

Abigail Torres Research Operations	David Julier Real Estate & Real Assets	Julie Baker, CFA®, CAIA® Public & Private Equity	Xinxin Liu, CFA®, CAIA®, FRM Private Equity & Private Debt
Andrew Mulhall, CFA® Public Equity & Fixed Income	Elizabeth Wolfe Public & Private Equity	Justin Ellsesser, CFA®, CAIA® Private Equity	Zac Chichinski, CFA®, CIPM® Public Equity
Ben Baldridge, CFA®, CAIA® Private & Hedged Fixed Income	Evan Scussel, CFA®, CAIA® Public & Private Equity	Kevin Laake, CFA®, CAIA® Private Equity	
Dan Lomelino, CFA® Fixed Income	Josue Christiansen, CFA®, CIPM® Public Equity	Michael Kosoff Hedge Funds	

Performance Reporting

Albert Sauerland	Don Delaney	Jeff Pruniski
Alexandre Samuel	Donnell Lehrer, CPFA	Joe Carter, CPFA
Amy Steele	Edward Cha	Kim Hummel
Andrew Easton	Grace Niebrzydowski	Rotchild Dorson
Bob Bulas	James Culpepper	
David Gough, CPFA	James Reno	

Operations

Finance	Human Resources	IT & Operations	Compliance	Marketing	Solutions & Growth
Michelle Boff	Kelly Pearce	Jerry Camel	Thay Arroyo	Linden Landry-Jennings	Dan Osika, CFA®
Robert Marquetti		Kenneth Day	Joseph Ivaszuk	Shelley Berthold	John Rodak, CIPM®
		Marcos Ferrer		Tara Redding	Jonathan Branch
					Patrick Perez

89 Employees

9 CAIA®

37 Advanced Degrees

12 CPFA

24 CFA®

5 CIPM®

4th Quarter 2023 Market Environment



The Economy

- The US Federal Reserve Bank (the Fed) paused on additional rate hikes during the fourth quarter. As evidenced by capital market performance during the quarter, the pause was welcomed by participants. The Fed continued to prioritize fighting higher inflation over full employment. In its press release for the December meeting, the Fed said that in determining the extent of any additional policy firming that may be appropriate to return inflation to 2 percent over time, the Committee will take into account the cumulative tightening of monetary policy, the lags with which monetary policy affects economic activity and inflation, and economic and financial developments. They also indicated the Committee will continue to reduce the holdings on its balance sheet.
- The Fed's prolonged pause in its rate-hiking cycle and the insertion of the word "any" in its December press release gave the market hope that the Fed may be ready to pivot in its stance and begin reducing rates to a less restrictive level in 2024.
- Muted growth in the US labor market continued in December, as nonfarm payrolls increased by 216,000, and unemployment held steady at 3.7%. Unemployment was little changed over the last year, closing 2022 at a level of 3.5%.

Equity (Domestic and International)

- US equities moved broadly higher during the fourth quarter, led by a broad recovery across multiple sectors and expectations of a more favorable interest rate environment. The S&P 500 Index rose 11.7% for the quarter, its best-performing period since the first quarter of 2021. Small-cap value (15.3%) was the best-performing segment of the domestic equity market during the quarter, while large-cap value (9.5%), though solid, was the weakest relative performer for the period.
- International stocks experienced robust growth during the year, helped by a weakening US Dollar (USD). USD performance outpaced local currency (LCL) performance in most regions for the quarter, though both benchmarks were positive as the USD traded lower during the period.
- Global GDP growth continued to face challenges despite falling energy prices. European growth remained under pressure amid hawkish central bank policies. China continued to face economic challenges and drag on growth in the region. Additionally, renewed conflicts in the Middle East weighed on performance for the region and threatened to be a headwind going into 2024.

Fixed Income

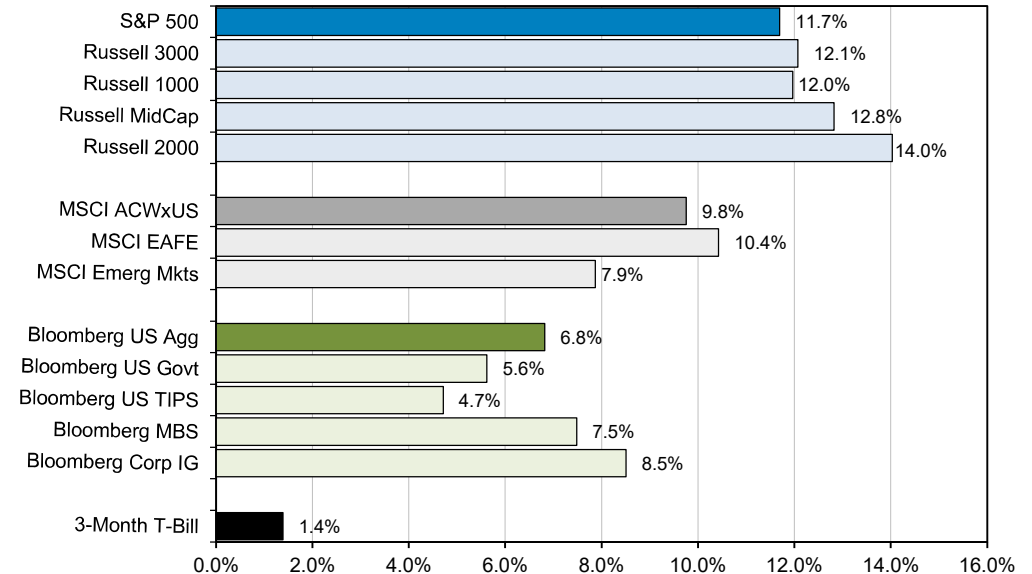
- While economic data signaled that inflation continued to moderate, the Fed maintained its conviction in fighting inflation by keeping the fed funds rate unchanged during the quarter. Equity and fixed-income markets rallied on the hope that this could signal a pivot in the Fed's policy stance in 2024.
- US Government securities were the lowest relative performing US Aggregate Bond sector during the quarter, but bond returns surged as longer maturity yields fell significantly. Credit spreads also narrowed during the quarter, lifting performance for non-government sectors.
- Lower quality investment grade corporate bonds outperformed higher quality corporate issues, aided by narrowing credit spreads as well as higher coupons. Although the high yield bond benchmark's duration is almost half of the US Aggregate Bond index's duration, the high yield index managed to edge out the bellwether bond benchmark for the quarter.
- Global bonds outpaced the domestic bond market with the Global Aggregate ex-US Index besting the US Aggregate Index by 2.4% due to USD weakness. This brought results for the full year slightly ahead of the domestic bond market.

Market Themes

- Central banks remained vigilant in their stance against inflation going into the new year. Signs of cooling price pressures have shown up in most regions around the world, and many central banks have chosen to pause on their rate hiking cycle, much in line with the US Fed's stance.
- Geopolitical risk around the world continues to be a headwind for global growth and economic stability. In addition to the conflict in Ukraine, a proxy war arose in the Middle East in October between Israel and Palestine, which could drag on performance in the region in quarters to come.
- Short-term interest rates remained consistent across most developed markets as central banks continued their tight policy stance with an eye towards potential rate cuts in the indeterminate future.
- 2023 closed with both US and international equity markets affirming their recovery from the disappointing performance of 2022. Growth sectors significantly outpaced value sectors during the year.

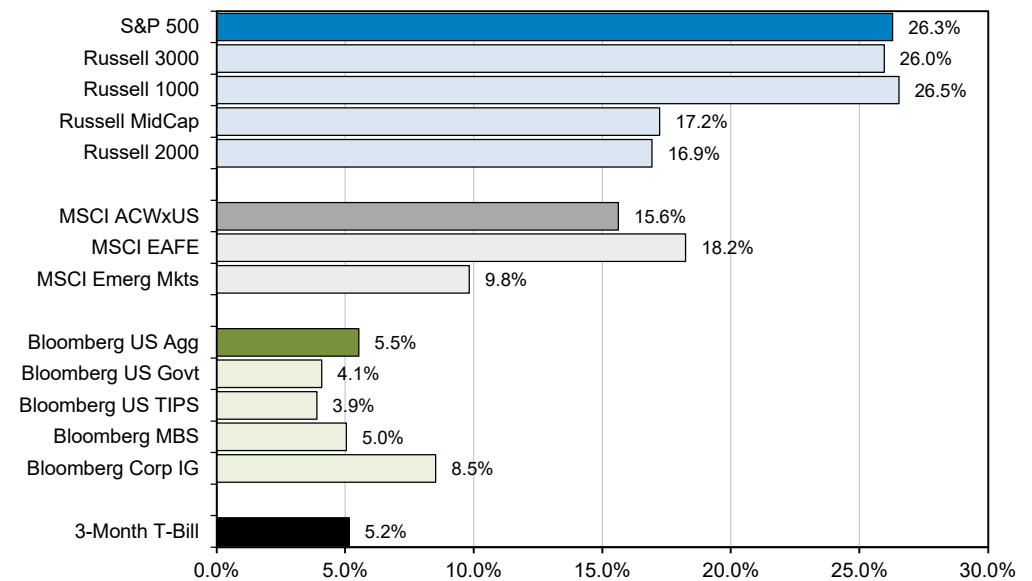
- Domestic equity market performance surged in the fourth quarter. Many of the challenges facing the U.S. economy over the past several quarters have begun to wane and forecasts for easing inflation and positive economic growth have been a growing consensus. For the period, the S&P 500 large-cap benchmark returned 11.7% versus 12.8% for the Russell Mid Cap Index and 14.0% for the Russell 2000 small-cap index.
- International developed and emerging market equities also delivered strong results. Europe continued to face geopolitical risks related to the conflict in Ukraine and elevated interest rates. The developed market MSCI EAFE Index returned 10.4% for the quarter and the MSCI Emerging Markets Index rose by 7.9%.
- The domestic bond market rallied during the final two months of the year as the Fed took on a more dovish tone at their recent meetings. The Bloomberg US Aggregate Index returned 6.8% for the period, while investment-grade corporate bonds beat out the government and securitized sectors with a gain of 8.5%.

Quarter Performance



- During the 2023 calendar year, US equity markets posted their strongest performance since 2021. The large-cap S&P 500 Index finished 2023 with an exceptional 26.3% return. The weakest relative performance for the year was from the Russell 2000 Index, which still climbed 16.9%.
- International markets also reverted from their poor performance of the year prior. The MSCI EAFE Index was the best international index performer, returning 18.2%, while the MSCI Emerging Markets Index added a more tempered, but still solid, 9.8%.
- Bond markets were broadly higher for the year. Investment-grade corporate bonds were the best-performing sector of the US Aggregate Index and gained 8.5% for the year. Treasuries lagged at 4.1% during the year but were still a welcome relief from 2022's negative bond market results. The bellwether fixed-income benchmark, the Bloomberg US Aggregate Index, climbed 5.5% in 2023.

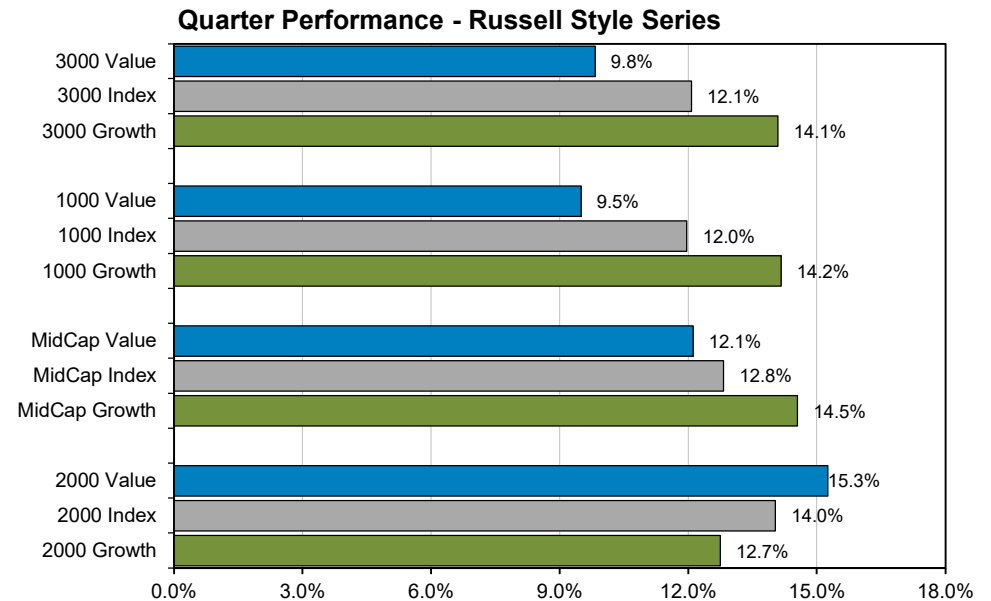
1-Year Performance



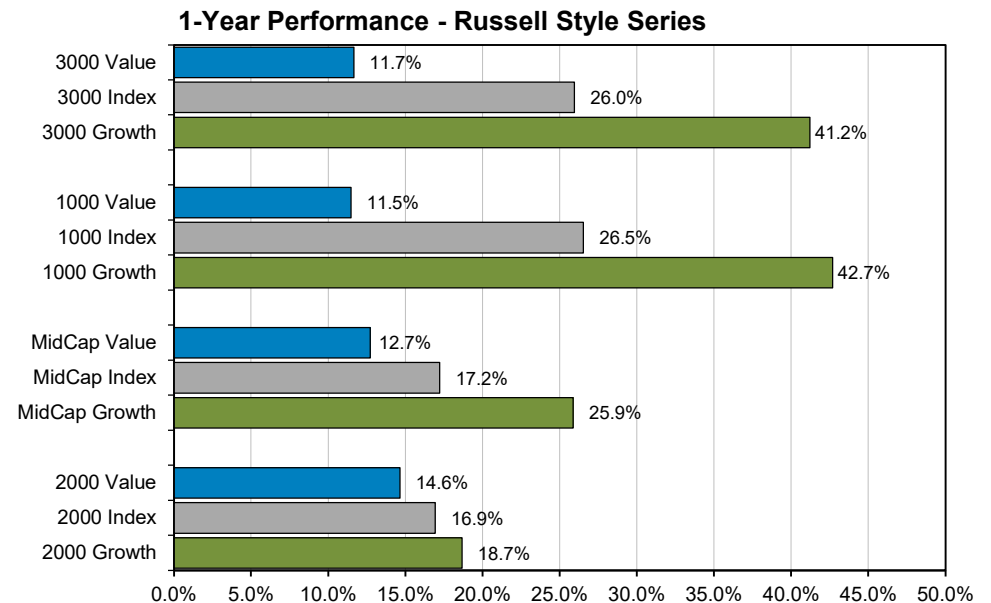
Source: Investment Metrics



- After softening in the third quarter, core domestic equity benchmarks finished 2023 on a strong note. Increasing optimism regarding taming inflation and future economic growth were the primary factors driving performance during the quarter. While the global economy still faces geopolitical risk in the Middle East and Eastern Europe, the US economy remains resilient heading into 2024. The small-cap Russell 2000 Index (14.0%) led results this quarter among the core capitalization-based benchmarks, besting both the mid-cap (12.8%) and large-cap (12.0%) indices. Growth was favored over value across the broad market as the Russell 3000 Growth Index outpaced its value counterpart by 4.3%. However, among small-cap stocks, value led the way with the Russell 2000 Value Index returning 15.3%. The Russell 2000 Growth Index was not far behind, gaining 12.7% for the quarter.
- Outside of small cap, growth stocks broadly outperformed their value counterparts by a sizable margin for the quarter. This continued a persistent theme for 2023 of growth-based benchmark outperformance. Despite these differentials, the large-, mid-, and small-cap value benchmarks each posted solid performance for the quarter with the Russell 2000 Value Index posting a chart-leading return of 15.3%.



- The broad rally in domestic equity markets during the fourth quarter contributed to a strong year of index results. Within large-cap stocks, the Russell 1000 Growth Index returned an exceptional 42.7% for the year, leading the way among style and market capitalization-based benchmark results. The lowest relative performing equity index was the Russell 1000 Value, but still posted a double-digit return of 11.5% for the year.
- Growth rebounded during 2023 and led value-based benchmarks at all market capitalization ranges for the year. The Russell 2000 Growth Index returned 18.7%, outpacing the Russell 2000 Value Index's 14.6% return by a span of 4.1%. The Russell 1000 Growth and Russell Midcap Growth benchmarks gained 42.7% and 25.9%, respectively, while their corresponding value index counterparts returned solid, but lagging, performance of 11.5% and 12.7%, respectively.

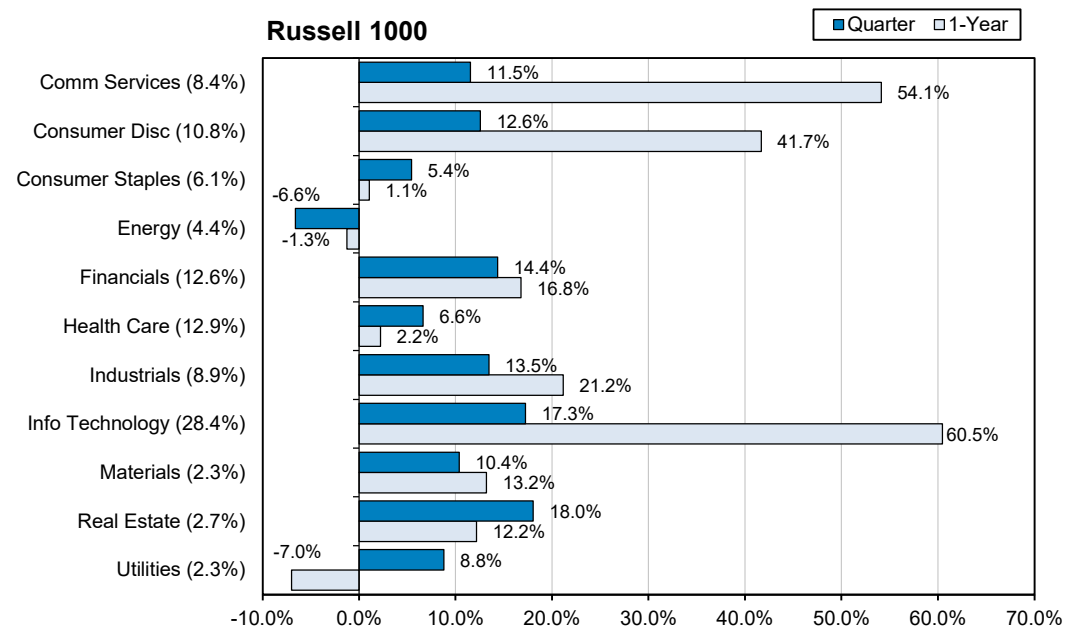


Source: Investment Metrics



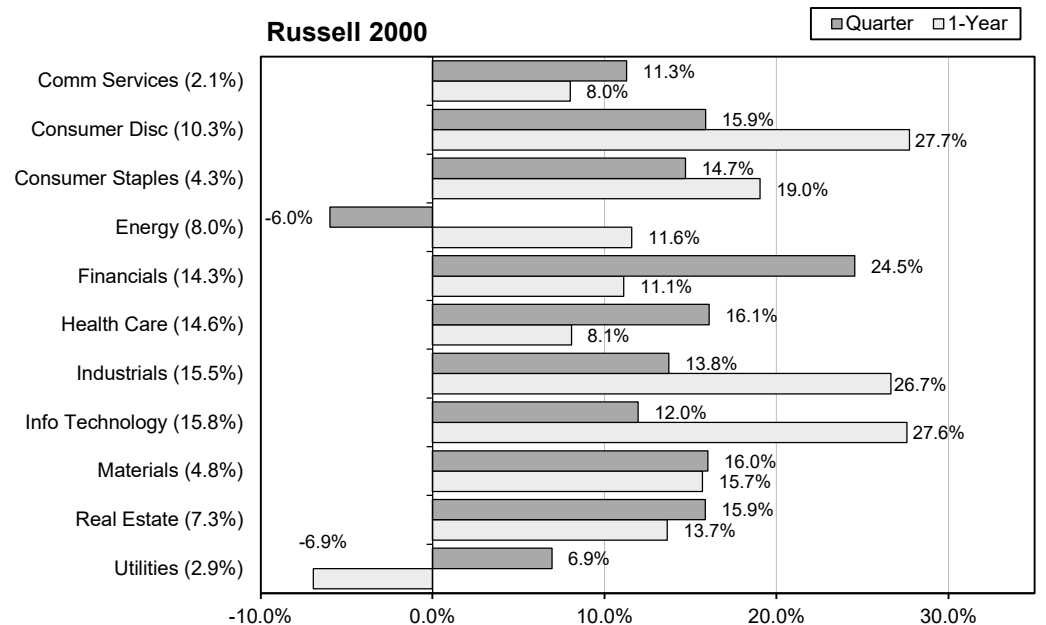
- Large-cap sector performance was generally positive for the fourth quarter. Ten of 11 economic sectors posted positive absolute performance for the quarter, with five sectors outpacing the return of the Russell 1000 Index.
- After being challenged by rapidly rising inflation and an uncertain growth trajectory in 2022, the information technology sector rebounded significantly during 2023, ending the year with an impressive 17.3% return in the fourth quarter. The other four sectors that outpaced the headline index's return for the quarter were consumer discretionary (12.6%), financials (14.4%), industrials (13.5%) and real estate (18.0%). Energy was the only sector to lose ground for the quarter, returning -6.6%.
- For the full year, just three economic sectors exceeded the return of the broad large-cap benchmark but nine of the 11 sectors posted positive performance. Performance in the Information technology (60.5%), communication services (54.1%), and consumer discretionary (41.7%) sectors made the greatest contributions to the index's 26.5% return during the year. The weakest economic sector in the Russell 1000 for the year was utilities, which declined by -7.0%.

Russell 1000



- Ten small-cap economic sectors posted positive results during the quarter while six of 11 sectors exceeded the 14.0% return of the Russell 2000 Index. Performance in the financials (24.5%) sector led the way for the quarter while the energy (-6.0%) was the only sector to post a negative result.
- Like large-cap sector performance over the trailing year, ten small-cap sectors were positive. Consumer discretionary (27.7%) posted the strongest sector result, with honorable mentions going to the industrials and information technology sectors, which each returned more than 20% for the year. Seven of the 11 economic sectors fell short of the core small-cap benchmark's return of 16.9% for the year. The worst-performing sector for the year was utilities, which slid -6.9% and was the only sector to post a negative return for 2023.

Russell 2000



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, 2023

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	6.5%	12.6%	49.0%	Information Technology
Microsoft Corp	6.4%	19.3%	58.2%	Information Technology
Amazon.com Inc	3.1%	19.5%	80.9%	Consumer Discretionary
NVIDIA Corp	2.7%	13.9%	239.0%	Information Technology
Alphabet Inc Class A	1.9%	6.7%	58.3%	Communication Services
Meta Platforms Inc Class A	1.8%	17.9%	194.1%	Communication Services
Alphabet Inc Class C	1.6%	6.9%	58.8%	Communication Services
Tesla Inc	1.6%	-0.7%	101.7%	Consumer Discretionary
Berkshire Hathaway Inc Class B	1.5%	1.8%	15.5%	Financials
Eli Lilly and Co	1.1%	8.7%	60.9%	Health Care

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Coinbase Global Inc Ordinary Shares	0.1%	131.6%	391.4%	Financials
Affirm Holdings Inc Ordinary Shares	0.0%	131.0%	408.2%	Financials
Gap Inc	0.0%	99.6%	96.8%	Consumer Discretionary
Spirit AeroSystems Holdings Inc	0.0%	96.9%	7.4%	Industrials
Karuna Therapeutics Inc	0.0%	87.2%	61.1%	Health Care
Rocket Companies Inc Ordinary Shares	0.0%	77.0%	106.9%	Financials
Block Inc Class A	0.1%	74.8%	23.1%	Financials
Macy's Inc	0.0%	74.8%	1.6%	Consumer Discretionary
SentinelOne Inc Class A	0.0%	62.8%	88.1%	Information Technology
Frontier Communications Parent Inc	0.0%	61.9%	-0.5%	Communication Services

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
ChargePoint Holdings Inc	0.0%	-52.9%	-75.4%	Industrials
Plug Power Inc	0.0%	-40.8%	-63.6%	Industrials
Maravai LifeSciences Holdings Inc	0.0%	-34.5%	-54.2%	Health Care
R1 RCM Inc	0.0%	-29.9%	-3.5%	Health Care
Agilon Health Inc	0.0%	-29.3%	-22.2%	Health Care
BILL Holdings Inc Ordinary Shares	0.0%	-24.9%	-25.1%	Information Technology
Lucid Group Inc Shs	0.0%	-24.7%	-38.4%	Consumer Discretionary
AMC Entertainment Holdings Inc	0.0%	-23.4%	-83.0%	Communication Services
Petco Health and Wellness Co Inc	0.0%	-22.7%	-66.7%	Consumer Discretionary
Hasbro Inc	0.0%	-21.6%	-12.0%	Consumer Discretionary

Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Super Micro Computer Inc	0.5%	3.7%	246.2%	Information Technology
Simpson Manufacturing Co Inc	0.3%	32.4%	125.3%	Industrials
e.l.f. Beauty Inc	0.3%	31.4%	161.0%	Consumer Staples
Cytokinetics Inc	0.3%	183.4%	82.2%	Health Care
MicroStrategy Inc Class A	0.3%	92.4%	346.2%	Information Technology
UFP Industries Inc	0.3%	22.9%	60.3%	Industrials
Light & Wonder Inc Ordinary Shares	0.3%	15.1%	40.1%	Consumer Discretionary
Onto Innovation Inc	0.3%	19.9%	124.6%	Information Technology
Rambus Inc	0.3%	22.3%	90.5%	Information Technology
BellRing Brands Inc Class A	0.3%	34.4%	116.2%	Consumer Staples

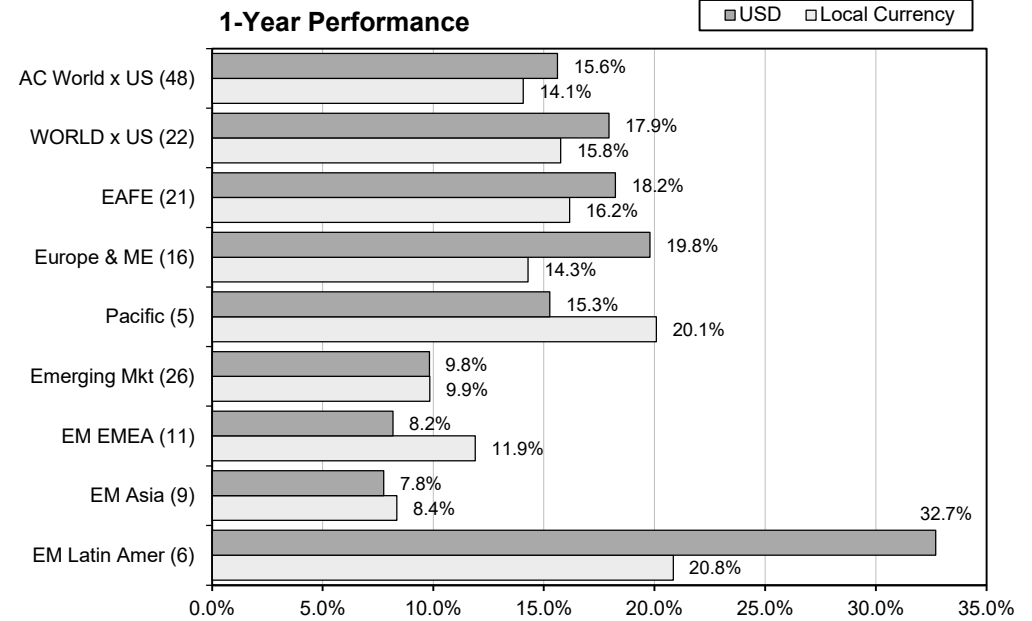
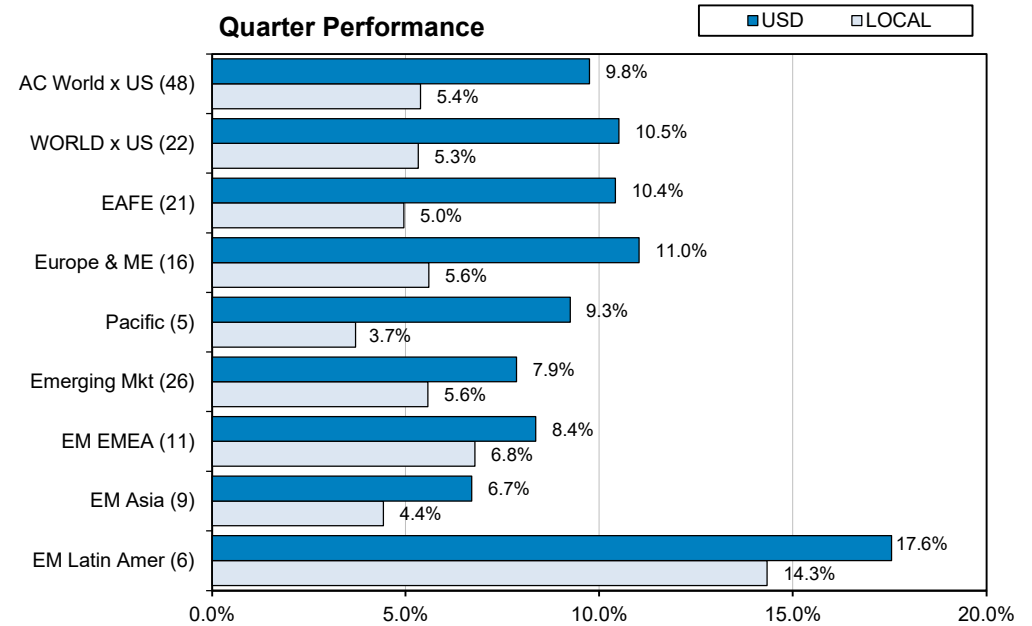
Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Nkarta Inc Ordinary Shares	0.0%	374.8%	10.2%	Health Care
Altimune Inc	0.0%	332.7%	-31.6%	Health Care
ALX Oncology Holdings Inc	0.0%	210.2%	32.1%	Health Care
Pulse Biosciences Inc	0.0%	203.7%	341.9%	Health Care
ImmunityBio Inc Ordinary Shares	0.0%	197.0%	-1.0%	Health Care
Cleanspark Inc	0.1%	189.5%	440.7%	Information Technology
EyePoint Pharmaceuticals Inc	0.0%	189.2%	560.3%	Health Care
Cytokinetics Inc	0.3%	183.4%	82.2%	Health Care
RayzeBio inc	0.0%	180.0%	N/A	Health Care
Marathon Digital Holdings Inc	0.2%	176.4%	586.8%	Information Technology

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Ventix Biosciences Inc	0.0%	-92.9%	-92.5%	Health Care
Enviva Inc	0.0%	-86.7%	-98.1%	Energy
Aclaris Therapeutics Inc	0.0%	-84.7%	-93.3%	Health Care
Li-Cycle Holdings Corp Ordinary	0.0%	-83.5%	-87.7%	Industrials
Ocean Biomedical Inc	0.0%	-83.1%	N/A	Health Care
Reneo Pharmaceuticals Inc	0.0%	-79.0%	-31.3%	Health Care
Charge Enterprises Inc	0.0%	-77.1%	-90.8%	Communication Services
Cano Health Inc Ordinary Shares	0.0%	-76.9%	-95.7%	Health Care
CareMax Inc Ordinary Shares	0.0%	-76.5%	-86.4%	Health Care
Velo3D Inc	0.0%	-74.5%	-77.8%	Industrials

Source: Morningstar Direct



- The fourth quarter ended with strong performance across international equity markets in both in LCL and USD terms. The USD weakened substantially against most non-US currencies for the quarter, which boosted USD index performance relative to LCL returns. The developed market MSCI EAFE Index gained 10.4% in USD and 5.0% in LCL terms for the quarter. The MSCI Emerging Markets Index rose 7.9% in USD and a lower 5.6% in LCL terms.
- Latin America (LATAM) continued to lead the way, closing out 2023 with a quarterly return of 17.6% in USD terms. Performance in the region was driven by strong demand for commodity exports from growing worldwide production along with a USD performance boost due to LCL strength in the region.
- The performance of the largest weighted country in the emerging market index (China, 26.7%) lagged during the year with a return of -4.4% for the fourth quarter and -13.3% for the year in USD terms. Investors have struggled to accurately forecast the pace of China's recovery after its economic reopening from COVID-19 lockdowns, which led to a flurry of spending that has since cooled.
- Similar to domestic markets, results for international developed and emerging markets were much stronger in 2023 after inflationary pressures and geopolitical risks stunted growth in 2022. Much of the strong USD performance in late 2022 abated in 2023 with many of the international indices showcasing modestly stronger performance in USD terms.
- Annual returns across emerging markets were bifurcated. The LATAM index finished significantly ahead of the other regional indexes in USD terms, with strengthening currencies contributing significantly to the region's strong performance. The LATAM index returned 32.7% in USD and 20.8% in LCL terms for year. Performance in the EM Asia regional benchmark detracted from the emerging market index, with the EM Asia index posting returns of 7.8% in USD and 8.4% in LCL terms versus an overall MSCI Emerging Markets index return of 9.8% and 9.9% in USD and LCL terms, respectively. The EMEA, Asia and Pacific regions saw local currencies depreciate overall in 2023 due to factors related to additional military conflicts in the region and China's sluggish growth.



Source: MSCI Global Index Monitor (Returns are Net)



The Market Environment
US Dollar International Index Attribution & Country Detail
As of December 31, 2023

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.1%	8.9%	13.1%
Consumer Discretionary	11.8%	8.0%	21.7%
Consumer Staples	9.3%	5.2%	4.5%
Energy	4.3%	0.4%	12.5%
Financials	18.9%	10.0%	18.8%
Health Care	12.8%	4.9%	9.3%
Industrials	16.4%	14.3%	27.6%
Information Technology	8.6%	21.3%	36.4%
Materials	7.8%	17.1%	19.9%
Real Estate	2.5%	14.9%	9.1%
Utilities	3.5%	14.0%	17.0%
Total	100.0%	10.4%	18.2%

MSCI - ACWixUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.2%	4.7%	5.7%
Consumer Discretionary	11.5%	5.7%	12.7%
Consumer Staples	8.0%	5.6%	4.9%
Energy	5.6%	2.3%	15.0%
Financials	21.2%	10.1%	16.2%
Health Care	9.3%	5.2%	8.0%
Industrials	13.4%	12.8%	23.2%
Information Technology	12.5%	20.0%	36.3%
Materials	8.0%	12.5%	12.2%
Real Estate	2.1%	11.1%	5.3%
Utilities	3.2%	13.6%	12.0%
Total	100.0%	9.8%	15.6%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	8.8%	0.1%	-1.1%
Consumer Discretionary	12.8%	0.8%	-3.4%
Consumer Staples	6.0%	6.1%	4.2%
Energy	5.1%	6.7%	26.8%
Financials	22.3%	8.3%	11.5%
Health Care	3.8%	7.3%	-1.3%
Industrials	6.8%	6.3%	5.4%
Information Technology	22.1%	17.8%	32.3%
Materials	7.9%	6.8%	1.5%
Real Estate	1.6%	-0.2%	-7.1%
Utilities	2.7%	12.8%	2.0%
Total	100.0%	7.9%	9.8%

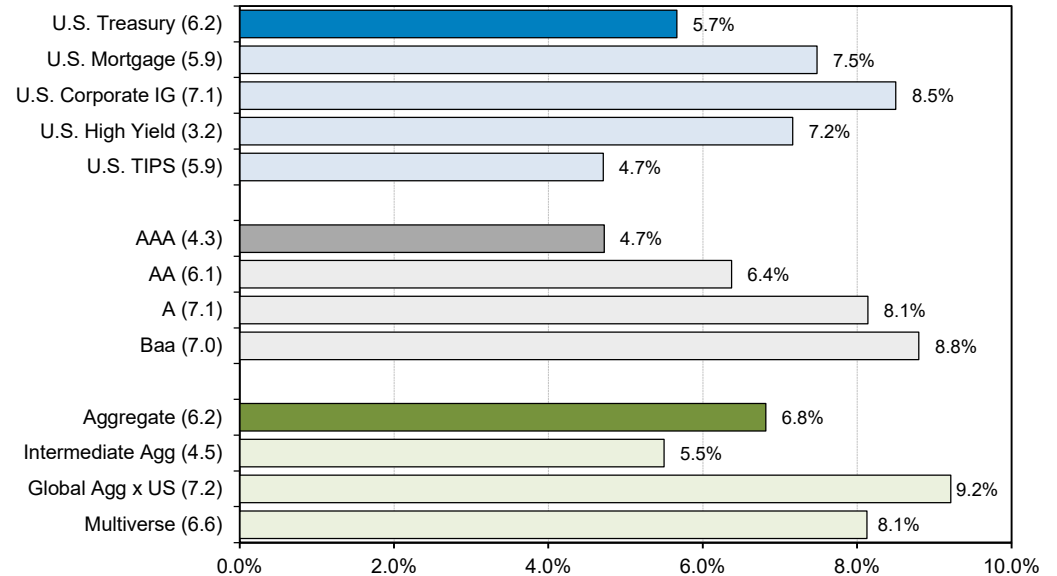
Country	MSCI-EAFE Weight	MSCI-ACWixUS Weight	Quarter Return	1-Year Return
Japan	22.5%	14.4%	8.0%	17.8%
United Kingdom	14.7%	9.5%	6.1%	9.5%
France	12.1%	7.7%	10.1%	18.8%
Switzerland	10.0%	6.4%	10.1%	13.4%
Germany	8.6%	5.5%	13.0%	19.9%
Australia	7.6%	4.9%	14.5%	10.0%
Netherlands	4.6%	3.0%	19.6%	23.7%
Denmark	3.3%	2.2%	12.2%	29.7%
Sweden	3.2%	2.1%	20.9%	21.0%
Spain	2.7%	1.7%	11.3%	28.2%
Italy	2.6%	1.7%	11.9%	31.7%
Hong Kong	2.2%	1.4%	2.9%	-17.8%
Singapore	1.4%	0.9%	3.8%	0.4%
Finland	1.1%	0.7%	8.8%	-8.2%
Belgium	1.0%	0.6%	6.1%	4.1%
Israel	0.7%	0.4%	9.0%	9.3%
Norway	0.7%	0.4%	2.2%	-0.4%
Ireland	0.5%	0.3%	6.2%	22.9%
Portugal	0.2%	0.1%	15.0%	5.1%
New Zealand	0.2%	0.1%	14.4%	3.4%
Austria	0.2%	0.1%	9.6%	12.8%
Total EAFE Countries	100.0%	64.3%	10.4%	18.2%
Canada		7.7%	10.6%	12.6%
Total Developed Countries		72.0%	10.5%	17.9%
China		7.5%	-4.4%	-13.3%
India		4.7%	11.6%	19.6%
Taiwan		4.5%	17.2%	26.9%
Korea		3.6%	14.7%	21.7%
Brazil		1.6%	15.8%	23.4%
Saudi Arabia		1.2%	8.5%	7.2%
South Africa		0.9%	12.1%	-1.6%
Mexico		0.8%	16.9%	36.2%
Indonesia		0.5%	1.7%	3.3%
Thailand		0.5%	3.6%	-12.6%
Malaysia		0.4%	4.2%	-7.2%
United Arab Emirates		0.4%	-3.2%	-3.0%
Poland		0.3%	37.7%	45.0%
Qatar		0.3%	4.7%	-2.9%
Kuwait		0.2%	-0.3%	-10.4%
Turkey		0.2%	-12.5%	-8.9%
Philippines		0.2%	6.1%	1.7%
Chile		0.1%	6.2%	-1.2%
Greece		0.1%	11.7%	44.2%
Peru		0.1%	22.8%	30.2%
Hungary		0.1%	17.0%	45.5%
Czech Republic		0.0%	4.6%	22.4%
Colombia		0.0%	12.8%	2.3%
Egypt		0.0%	20.2%	37.7%
Total Emerging Countries		28.0%	7.9%	9.8%
Total ACWixUS Countries		100.0%	9.8%	15.6%

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.

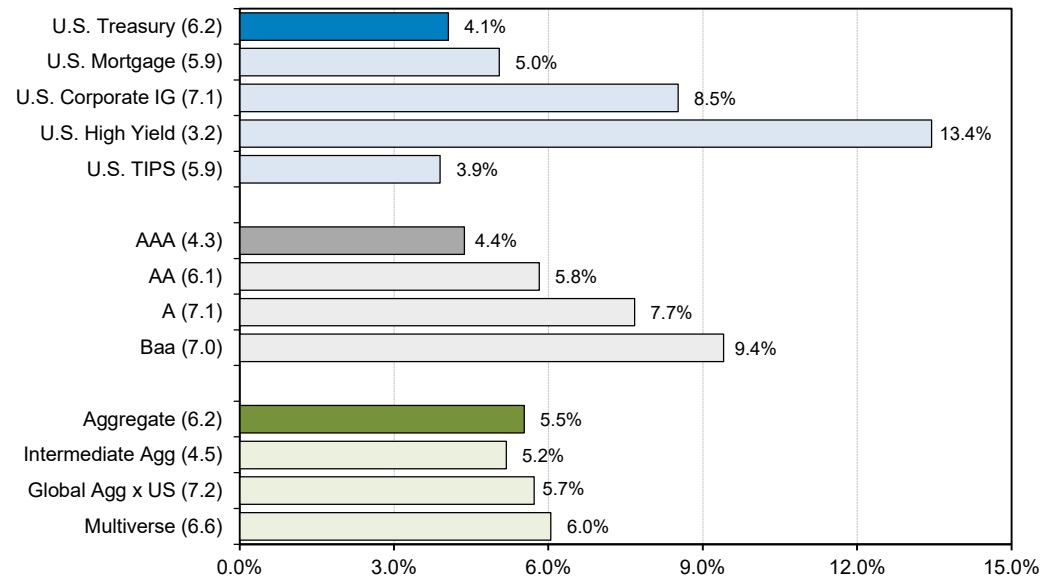


- Fixed-income markets rallied during the fourth quarter. Yields remained elevated for much of the year as economies across the globe attempted to stave off inflationary pressures. A five-month-long pause in rate hikes by the Fed coupled with expectations of cooler price pressures drove a rally in bonds globally. After a challenging 2022 in fixed-income markets brought on by the largest and most rapid increase in interest rates since the early 1980s, higher starting yields and a slower pace of rate increases led to better results in 2023. While not without its challenges during the year, the fourth-quarter's rally helped some of the fixed income sectors realize their best calendar-year performance since prior to the COVID-19 pandemic.
- The Bloomberg US Aggregate Bond Index, the bellwether US investment grade benchmark, posted its best-performing quarter of the year to close out 2023, returning 6.8% for the period. Performance across the investment grade index's segments was broadly higher during the period with the Bloomberg US Corporate Investment Grade Index returning 8.5%, the US Mortgage Index finishing slightly lower at 7.5% and the US Treasury sector returning a more modest, but still solid, 5.7% for the quarter.
- Outside of the aggregate index's sub-components, high-yield bonds continued their strong performance for the year with a return of 7.2% for the quarter as credit spreads narrowed by more than 1.0%. US TIPS gained 4.7% for the quarter, lagging most of the fixed-income market. The Bloomberg Global Aggregate ex-US Index outpaced the domestic indices during the quarter, returning a strong 9.2%.
- Over the trailing one-year period, the Bloomberg US Aggregate Bond Index posted a return of 5.5%. The Corporate Investment-grade sector outperformed the broader index during the year, gaining 8.5%. US TIPS, which are excluded from the aggregate index, lagged at just 3.9% for the year. High-yield corporate bonds, which have a much shorter duration, outpaced their investment grade counterparts with the Bloomberg US High Yield Index returning a strong 13.4% for the calendar year.
- Non-US bonds exceeded their domestic counterparts for the quarter, lifting the 5.7% return of the Bloomberg Global Aggregate ex-US Index past the 5.5% return of US Aggregate Index for the year. Rising interest rates, elevated inflation, and geopolitical risks have hindered non-US index performance. Some of those headwinds eased in the fourth quarter, contributing to the index's positive performance for the calendar year.

Quarter Performance



1-Year Performance

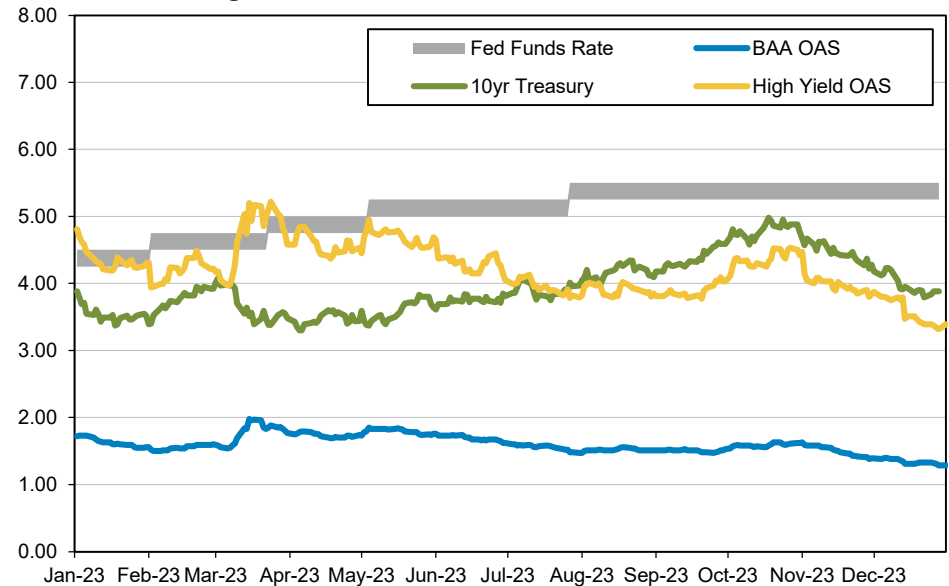


Source: Bloomberg

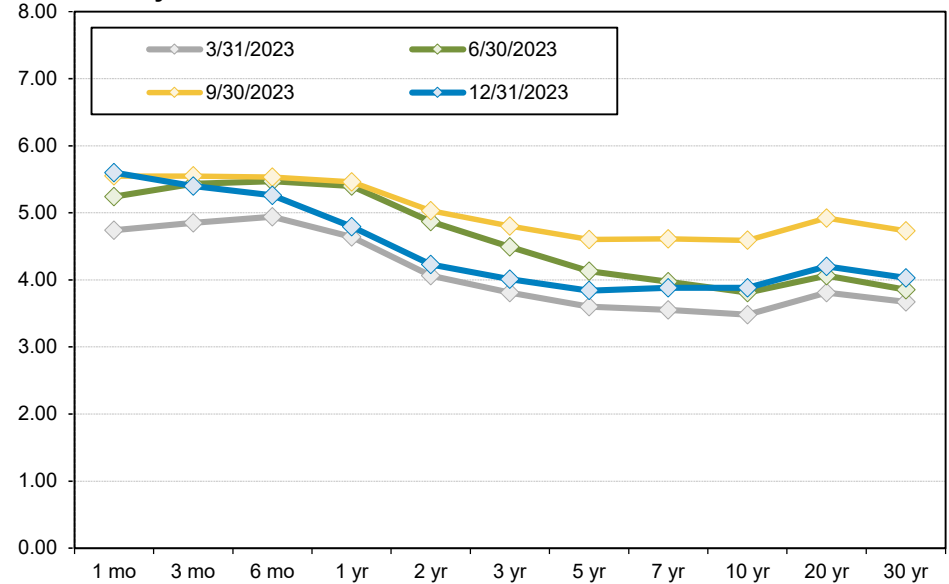


- The gray band across the graph illustrates the range of the fed funds target rate. The Fed last raised its rate range at the July 2023 meeting. The lower end of the range remained at 5.25% at year-end. The Fed’s decision to pause on additional rate increases for the remainder of 2023 and took on a more dovish tone in their December press release, which was well-received by market participants.
- The yield on the US 10-year Treasury (green line) exceeded 5.00% during the final week of October, its highest mark since July 2007. However, the benchmark yield proceeded to fall more than 1.00% over the final two months of the year, with the 10-Year Treasury finishing the year at a yield of 3.88%. The sharp decline in yields was likely a response to market participants anticipating rate cuts by the Fed in 2024.
- The blue line illustrates changes in the BAA OAS (Option Adjusted Spread) for lower-quality investment-grade corporate bonds. This measure quantifies the additional yield premium that investors require to purchase and hold non-US Treasury issues with the lowest investment grade rating. For the full calendar year, the spread narrowed 0.44% from 1.73% to 1.29%, signaling a lower premium for credit risk than the beginning of the year.
- High Yield OAS spreads have narrowed from 4.81% in January 2023 to 3.39% as of the end of 2023. High-yield spreads reached their widest point in March 2023, before trending lower for the remainder of the year. The spike in both the BAA OAS and High Yield spreads in March was a result of a short-lived crisis of confidence in the banking sector, which was addressed quickly by the Federal Deposit Insurance Corporation (FDIC) and supported further by the Fed's aggressive short-term par loan program. Though spreads tightened since the high, spreads traded slightly wider during October on the heels of a spark in the conflict between Israel and Palestine.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. Short-term yields rose modestly during the year and remained elevated. Despite this, both intermediate and longer-term yields are lower than they were at the end of the third quarter. Since September, the yield curve has further inverted (meaning that short-term rates are higher than long-term rates) between the two- and 10-year maturities. This is consistent with market expectations for a lower interest rate environment going forward. Since the Fed generally lowers rates to support economic growth, a persistent inversion of these two key rates has historically suggested an economic recession within six to 24 months, though this is an imprecise predictor of future economic growth.

1-Year Trailing Market Rates



Treasury Yield Curve



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



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**Delray Beach Fire Pension Plan
Compliance Checklist
As of December 31, 2023**

Total Fund Compliance:	Yes	No	N/A
	1. The Total Plan return equaled or exceeded the 6.75% actuarial earnings assumption over the trailing three and five year periods.		•
2. The Total Plan return equaled or exceeded the total plan benchmark over the trailing three and five year periods.	•		
3. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing three and five year periods.	•		

* Based off net of fees and public plan peer group.

Total Equity Compliance:	Yes	No	N/A
	1. Total equity returns meet or exceed the benchmark over the trailing three and five year periods.	•	
2. Total equity returns ranked within the top 40th percentile of its peer group over the trailing three and five year periods.			•
3. The total equity allocation was less than 70% of the total plan assets at market.	•		
4. Total foreign equity was less than 25% of the total plan assets at market.	•		

Total Fixed Income Compliance:	Yes	No	N/A
	1. Total fixed income returns meet or exceed the benchmark over the trailing three and five year periods.		•
2. Total fixed income returns ranked within the top 40th percentile of its peer group over the trailing three and five year periods.		•	
3. No more than 15% of the fixed income portfolio was rated below BBB/Baa.			•

	Newton			Fidelity Total Mkt			Fidelity Mid Cap		
	Yes	No	N/A	Yes	No	N/A	Yes	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 and five year periods.*	•				•			•	
3. Less than four consecutive quarters of under performance relative to the benchmark.	•					•			•
4. Three and five-year down-market capture ratio less than the index.*	•					•			•
5. Manager reports compliance with PFIA.	•					•			•

*For mutual funds, manager composite returns used where 5 years of data is not available. For SMAs, 3 years of data used when there is not 5 years of data.

	Rhumbline R1000G			Polen LCG- 3 yrs			Fidelity Small Cap		
	Yes	No	N/A	Yes	No	N/A	Yes	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 and five year periods.*	•				•			•	
3. Less than four consecutive quarters of under performance relative to the benchmark.			•	•					•
4. Three and five-year down-market capture ratio less than the index.*			•		•				•
5. Manager reports compliance with PFIA.			•	•					•



**Delray Beach Fire Pension Plan
Compliance Checklist
As of December 31, 2023**

	H.L. Intl Equity			Mass Mutual			Baird		
	Yes	No	N/A	Yes	No	N/A	Yes	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 and five year periods.*		•			•		•		
3. Less than four consecutive quarters of under performance relative to the benchmark.	•			•			•		
4. Three and five-year down-market capture ratio less than the index.*		•		•				•	
5. Manager reports compliance with PFIA.			•			•			•

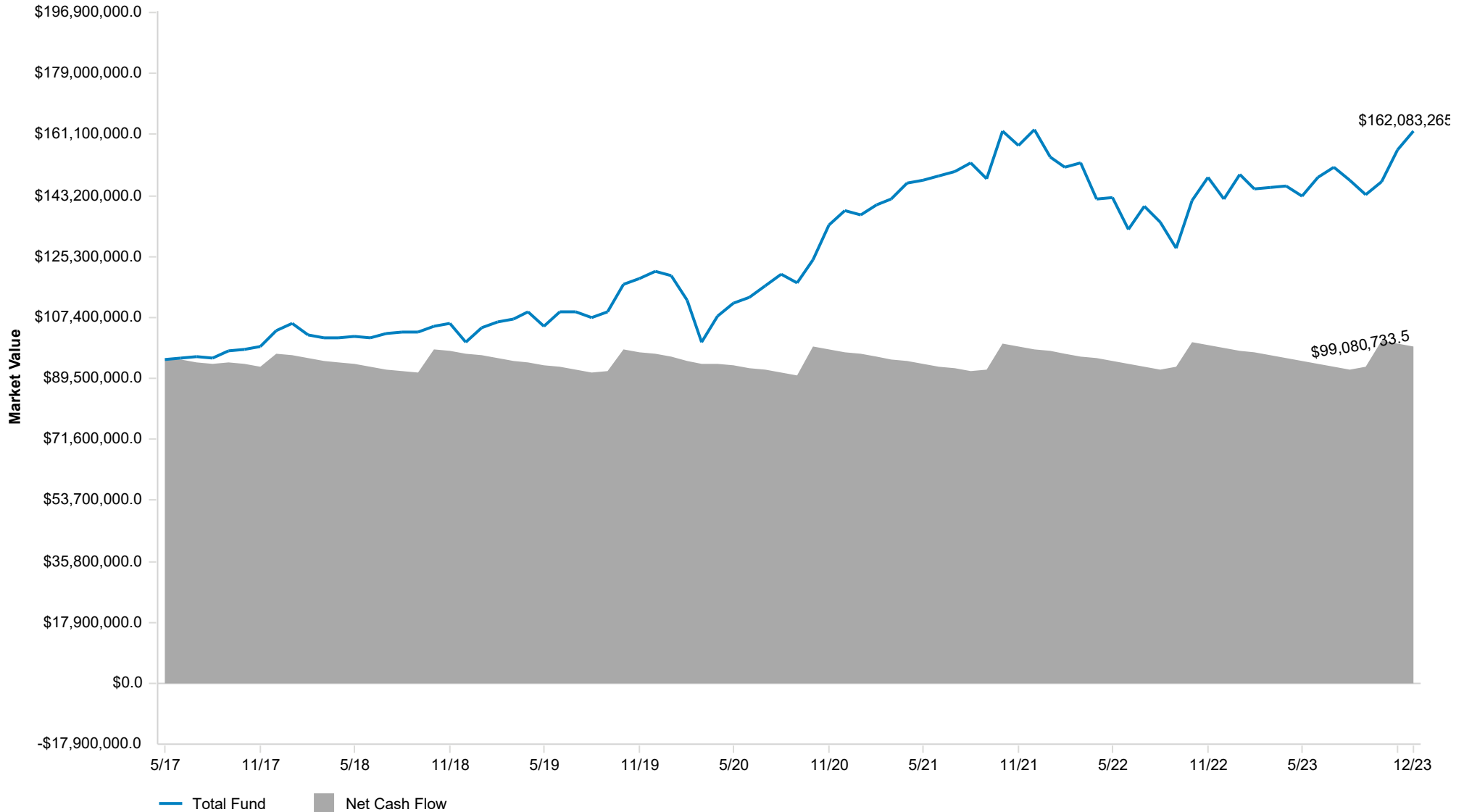
	Western Assets			Pimco Diversified			American Realty		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three and five year periods.*		•		•				•	
2. Manager ranked within the top 40th percentile over trailing three and five year periods.*		•		•				•	
3. Less than four consecutive quarters of under performance relative to the benchmark.	•			•			•		
4. Three and five-year down-market capture ratio less than the index.*		•			•			•	
5. Manager reports compliance with PFIA.			•			•			•

*For mutual funds, manager composite returns used where 5 years of data is not available. For SMAs, 3 years of data used when there is not 5 years of data.



Schedule of Investable Assets
Total Fund
10 Years Ending December 31, 2023

Schedule of Investable Assets



Schedule of Investable Assets

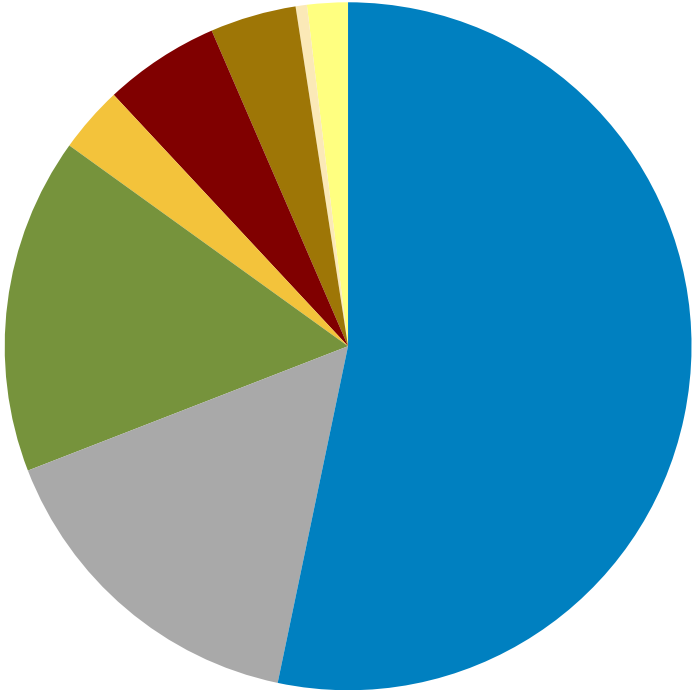
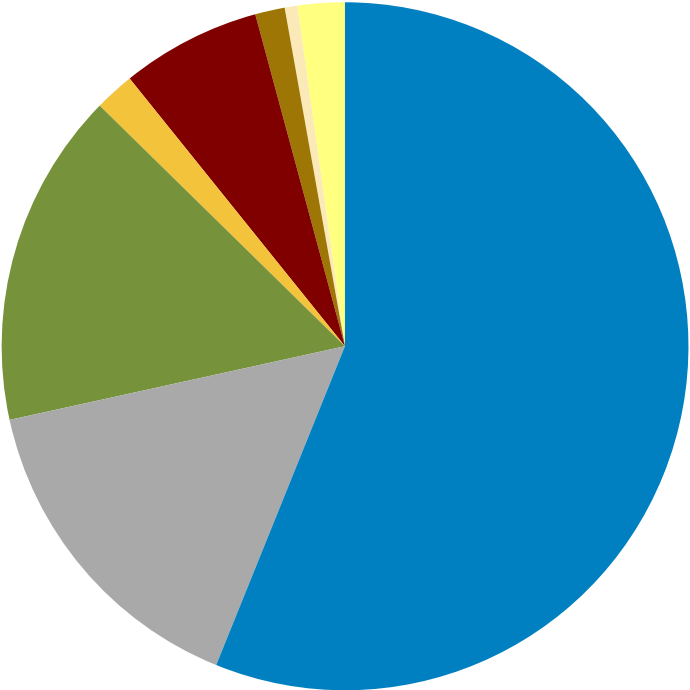
Periods Ending	Beginning Market Value \$	Net Cash Flow \$	Gain/Loss \$	Ending Market Value \$
10 YR	94,920,545	4,160,189	63,002,531	162,083,265



Asset Allocation by Asset Class
Delray Beach Firefighters' Retirement System

As of December 31, 2023

Sep-2023 : \$143,347,971.5 Dec-2023 : \$162,083,265.0



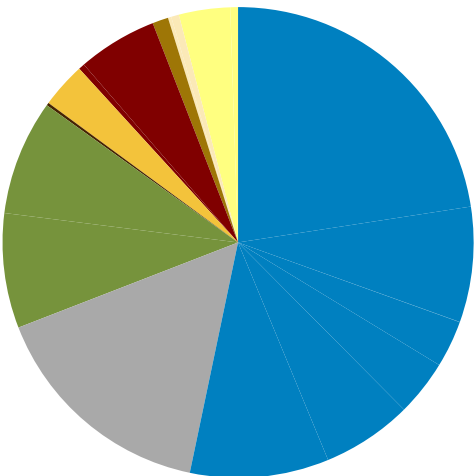
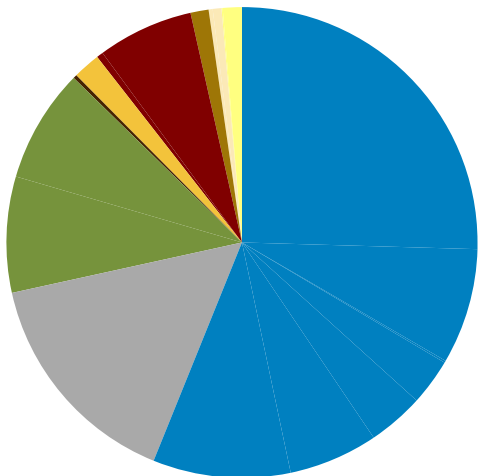
Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
US Equity	80,449,564	56.1	US Equity	86,370,269	53.3
International Equity	22,133,471	15.4	International Equity	25,654,907	15.8
US Fixed Income	22,605,261	15.8	US Fixed Income	25,613,204	15.8
Global Fixed Income	2,684,194	1.9	Global Fixed Income	5,061,394	3.1
US Private Real Estate	9,436,639	6.6	US Private Real Estate	8,847,356	5.5
Cash	2,004,934	1.4	Cash	6,572,321	4.1
Private Equity	853,710	0.6	Private Equity	859,865	0.5
US Private Equity	3,180,197	2.2	US Private Equity	3,103,949	1.9



Asset Allocation by Asset Class
Delray Beach Firefighters' Retirement System
 As of December 31, 2023

Sep-2023 : \$143,347,971.5

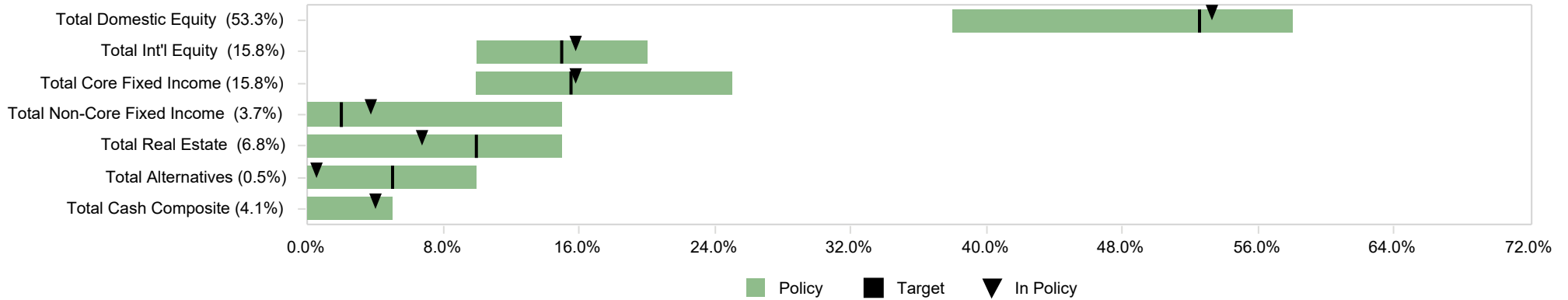
Dec-2023 : \$162,083,265.0



Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Newton LCV	36,479,771	25.4	Newton LCV	36,569,214	22.6
Fidelity Mid Cap Index Institutional (FSMDX)	11,377,634	7.9	Fidelity Mid Cap Index Institutional (FSMDX)	12,832,601	7.9
Fidelity Total Market Ix (FSKAX)	204,875	0.1	Fidelity Total Market Ix (FSKAX)	33,669	0.0
Fidelity Small Cap Index (FSSNX)	4,568,220	3.2	Fidelity Small Cap Index (FSSNX)	5,210,224	3.2
Mass Mutual Small Cap (MSOOX)	5,511,025	3.8	Mass Mutual Small Cap (MSOOX)	6,238,074	3.8
Polen Capital LCG	8,776,431	6.1	Polen Capital LCG	10,039,992	6.2
Rhumblin R1000G	13,531,608	9.4	Rhumblin R1000G	15,446,495	9.5
Harding Loevner Intl Equity (HLIZX)	22,133,471	15.4	Harding Loevner Intl Equity (HLIZX)	25,654,907	15.8
Baird Aggregate Bond Fund (BAGIX)	11,415,202	8.0	Baird Aggregate Bond Fund (BAGIX)	12,774,737	7.9
Western Assets Core Bond (WACSX)	11,190,060	7.8	Western Assets Core Bond (WACSX)	12,838,467	7.9
Crescent Direct Lending Levered Fund	350,478	0.2	Crescent Direct Lending Levered Fund	292,516	0.2
PIMCO Diversified Income Fund (PDIIX)	2,684,194	1.9	PIMCO Diversified Income Fund (PDIIX)	5,061,394	3.1
TCW Direct Lending VIII	653,973	0.5	TCW Direct Lending VIII	678,211	0.4
ARA Core Property	9,436,639	6.6	ARA Core Property	8,847,356	5.5
Angelo Gordon Net Lease Realty Fund III, L.P.	1,777,774	1.2	Angelo Gordon Net Lease Realty Fund III, L.P.	1,763,177	1.1
Dune Real Estate Fund III	397,972	0.3	Dune Real Estate Fund III	370,045	0.2
Deerpath Capital Advantage VI	853,710	0.6	Deerpath Capital Advantage VI	859,865	0.5
Mutual Fund Cash	120,750	0.1	Mutual Fund Cash	5,702,472	3.5
R&D	1,884,185	1.3	R&D	869,848	0.5

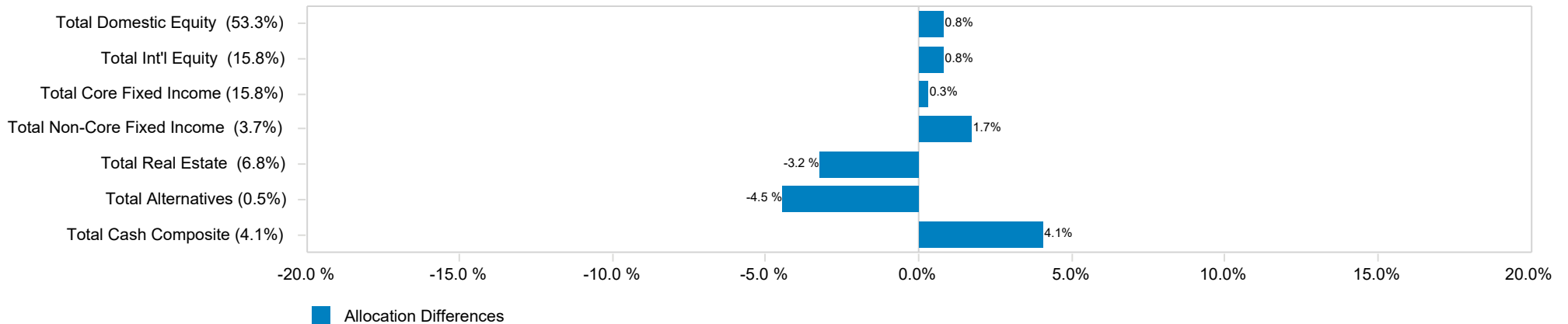


Executive Summary



Asset Allocation Compliance

	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Total Fund	162,083,265	100.00	100.00	0.00	-
Total Domestic Equity	86,370,269	53.29	52.50	0.79	-1,276,554
Total Int'l Equity	25,654,907	15.83	15.00	0.83	-1,342,418
Total Core Fixed Income	25,613,204	15.80	15.50	0.30	-490,298
Total Non-Core Fixed Income	6,032,121	3.72	2.00	1.72	-2,790,456
Total Real Estate	10,980,578	6.77	10.00	-3.23	5,227,748
Total Alternatives	859,865	0.53	5.00	-4.47	7,244,298
Total Cash Composite	6,572,321	4.05	0.00	4.05	-6,572,321



Financial Reconciliation
Quarter to Date
1 Quarter Ending December 31, 2023

Financial Reconciliation									
	Market Value 10/01/2023	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2023
Total Equity	102,583,035	-1,480,913	-	-	-49,296	-4,977	2,842,772	8,134,553	112,025,176
Total Domestic Equity	80,449,564	-2,230,913	-	-	-49,296	-4,977	1,885,823	6,320,067	86,370,269
Newton LCV	36,479,771	-2,000,000	-	-	-34,615	-3,562	236,277	1,891,343	36,569,214
Fidelity Total Market Ix (FSKAX)	204,875	-232,322	-	-	-	-	8,342	52,773	33,669
Polen Capital LCG	8,776,431	-	-	-	-13,272	-866	9,854	1,267,844	10,039,992
Rhumbline R1000G	13,531,608	1,409	-	-	-1,409	-549	-	1,915,435	15,446,495
Fidelity Mid Cap Index Inst (FSMDX)	11,377,634	-	-	-	-	-	139,413	1,315,554	12,832,601
Fidelity Small Cap Index (FSSNX)	4,568,220	-	-	-	-	-	56,383	585,622	5,210,224
Mass Mutual Small Cap (MSOOX)	5,511,025	-	-	-	-	-	1,435,554	-708,504	6,238,074
Total Int'l Equity	22,133,471	750,000	-	-	-	-	956,950	1,814,486	25,654,907
Harding Loevner Intl Equity (HLIZX)	22,133,471	750,000	-	-	-	-	956,950	1,814,486	25,654,907
Total Fixed Income	26,293,906	3,131,221	-	-	-	-	320,019	1,900,179	31,645,325
Total Core Fixed Income	22,605,261	1,200,000	-	-	-	-	261,804	1,546,139	25,613,204
Baird Aggregate Bond Fund (BAGIX)	11,415,202	500,000	-	-	-	-	135,679	723,857	12,774,737
Western Assets Core Bond (WACSX)	11,190,060	700,000	-	-	-	-	126,125	822,282	12,838,467
Total Non-Core Fixed Income	3,688,645	1,931,221	-	-	-	-	58,215	354,040	6,032,121
Crescent Direct Lending Levered Fund	350,478	-68,779	-	-	-	-	-	10,817	292,516
PIMCO Diversified Income Fund (PDIIX)	2,684,194	2,000,000	-	-	-	-	58,215	318,986	5,061,394
TCW Direct Lending VIII	653,973	-	-	-	-	-	-	24,237	678,211
Total Real Estate	11,612,385	-47,622	-	-	-24,397	-	94,366	-654,154	10,980,578
ARA Core Property	9,436,639	-	-	-	-24,397	-	94,366	-659,252	8,847,356
Angelo Gordon Net Lease Realty Fund III, L.P.	1,777,774	-47,622	-	-	-	-	-	33,025	1,763,177
Dune Real Estate Fund III	397,972	-	-	-	-	-	-	-27,927	370,045
Total Alternatives	853,710	-22,688	-	-	-	-	-	28,843	859,865
Deerpath Capital Advantage VI	853,710	-22,688	-	-	-	-	-	28,843	859,865
Total Cash Accounts	2,004,934	-1,579,998	8,777,846	-2,657,757	-	-51,697	78,993	-	6,572,321
R&D	1,884,185	-7,096,998	8,777,846	-2,657,757	-	-51,697	14,270	-	869,848
Mutual Fund Cash	120,750	5,517,000	-	-	-	-	64,723	-	5,702,472
Total Fund	143,347,971	-	8,777,846	-2,657,757	-73,693	-56,673	3,336,150	9,409,421	162,083,265



Financial Reconciliation									
	Market Value 10/01/2023	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2023
Total Equity	102,583,035	-1,480,913	-	-	-49,296	-4,977	2,842,772	8,134,553	112,025,176
Total Domestic Equity	80,449,564	-2,230,913	-	-	-49,296	-4,977	1,885,823	6,320,067	86,370,269
Newton LCV	36,479,771	-2,000,000	-	-	-34,615	-3,562	236,277	1,891,343	36,569,214
Fidelity Total Market Ix (FSKAX)	204,875	-232,322	-	-	-	-	8,342	52,773	33,669
Polen Capital LCG	8,776,431	-	-	-	-13,272	-866	9,854	1,267,844	10,039,992
Rhumblin R1000G	13,531,608	1,409	-	-	-1,409	-549	-	1,915,435	15,446,495
Fidelity Mid Cap Index Inst (FSMDX)	11,377,634	-	-	-	-	-	139,413	1,315,554	12,832,601
Fidelity Small Cap Index (FSSNX)	4,568,220	-	-	-	-	-	56,383	585,622	5,210,224
Mass Mutual Small Cap (MSOOX)	5,511,025	-	-	-	-	-	1,435,554	-708,504	6,238,074
Total Int'l Equity	22,133,471	750,000	-	-	-	-	956,950	1,814,486	25,654,907
Harding Loevner Intl Equity (HLIZX)	22,133,471	750,000	-	-	-	-	956,950	1,814,486	25,654,907
Total Fixed Income	26,293,906	3,131,221	-	-	-	-	320,019	1,900,179	31,645,325
Total Core Fixed Income	22,605,261	1,200,000	-	-	-	-	261,804	1,546,139	25,613,204
Baird Aggregate Bond Fund (BAGIX)	11,415,202	500,000	-	-	-	-	135,679	723,857	12,774,737
Western Assets Core Bond (WACSX)	11,190,060	700,000	-	-	-	-	126,125	822,282	12,838,467
Total Non-Core Fixed Income	3,688,645	1,931,221	-	-	-	-	58,215	354,040	6,032,121
Crescent Direct Lending Levered Fund	350,478	-68,779	-	-	-	-	-	10,817	292,516
PIMCO Diversified Income Fund (PDIIX)	2,684,194	2,000,000	-	-	-	-	58,215	318,986	5,061,394
TCW Direct Lending VIII	653,973	-	-	-	-	-	-	24,237	678,211
Total Real Estate	11,612,385	-47,622	-	-	-24,397	-	94,366	-654,154	10,980,578
ARA Core Property	9,436,639	-	-	-	-24,397	-	94,366	-659,252	8,847,356
Angelo Gordon Net Lease Realty Fund III, L.P.	1,777,774	-47,622	-	-	-	-	-	33,025	1,763,177
Dune Real Estate Fund III	397,972	-	-	-	-	-	-	-27,927	370,045
Total Alternatives	853,710	-22,688	-	-	-	-	-	28,843	859,865
Deerpath Capital Advantage VI	853,710	-22,688	-	-	-	-	-	28,843	859,865
Total Cash Accounts	2,004,934	-1,579,998	8,777,846	-2,657,757	-	-51,697	78,993	-	6,572,321
R&D	1,884,185	-7,096,998	8,777,846	-2,657,757	-	-51,697	14,270	-	869,848
Mutual Fund Cash	120,750	5,517,000	-	-	-	-	64,723	-	5,702,472
Total Fund	143,347,971	-	8,777,846	-2,657,757	-73,693	-56,673	3,336,150	9,409,421	162,083,265



Comparative Performance
Total Fund Trailing Returns
As of December 31, 2023

Comparative Performance																	
	QTR		YTD		FYTD		1 YR		2 YR		3 YR		5 YR		Inception	Inception Date	
Total Fund (Net)	8.46	(43)	13.24	(50)	8.46	(43)	13.24	(50)	-1.01	(48)	4.50	(27)	9.51	(17)	5.94	(74)	10/01/2005
Total Fund Policy	8.87	(32)	16.22	(15)	8.87	(32)	16.22	(15)	-0.68	(35)	4.19	(34)	9.23	(26)	6.64	(27)	
Difference	-0.41		-2.98		-0.41		-2.98		-0.33		0.31		0.28		-0.70		
All Public Plans-Total Fund Median	8.19		13.22		8.19		13.22		-1.06		3.67		8.67		6.30		
Total Fund (Gross)	8.51	(71)	13.47	(48)	8.51	(71)	13.47	(48)	-0.79	(49)	4.72	(30)	9.78	(13)	6.35	(58)	10/01/2005
Total Fund Policy	8.87	(55)	16.22	(17)	8.87	(55)	16.22	(17)	-0.68	(46)	4.19	(33)	9.23	(20)	6.64	(54)	
Difference	-0.36		-2.75		-0.36		-2.75		-0.11		0.53		0.55		-0.29		
IM Mixed-Asset Target Alloc Moderate (MF) Median	8.94		13.25		8.94		13.25		-0.91		3.24		8.06		6.73		
Total Equity	10.78		19.28		10.78		19.28		0.11		6.89		13.77		7.88		10/01/2005
Total Equity Policy	11.48		23.87		11.48		23.87		0.07		6.47		13.00		7.48		
Difference	-0.70		-4.59		-0.70		-4.59		0.04		0.42		0.77		0.40		
Total Domestic Equity	10.41	(70)	20.48	(54)	10.41	(70)	20.48	(54)	1.23	(48)	8.82	(50)	15.27	(35)	8.94	(67)	10/01/2005
Total Domestic Equity Policy	11.97	(48)	26.25	(31)	11.97	(48)	26.25	(31)	0.40	(58)	7.87	(59)	14.84	(40)	9.60	(47)	
Difference	-1.56		-5.77		-1.56		-5.77		0.83		0.95		0.43		-0.66		
IM U.S. All Cap Equity (SA+CF+MF) Median	11.83		21.69		11.83		21.69		1.03		8.74		13.92		9.50		
Total Int'l Equity	12.15	(14)	15.12	(83)	12.15	(14)	15.12	(83)	-4.13	(88)	-0.05	(89)	8.53	(60)	4.54	(21)	05/01/2007
Total Int'l Policy	9.75	(64)	15.62	(77)	9.75	(64)	15.62	(77)	-1.45	(65)	1.55	(77)	7.08	(91)	2.19	(100)	
Difference	2.40		-0.50		2.40		-0.50		-2.68		-1.60		1.45		2.35		
IM International Large Cap Core Equity (SA+CF) Median	10.21		17.90		10.21		17.90		-0.05		3.50		8.79		3.98		
Total Fixed Income	7.47	(19)	6.80	(53)	7.47	(19)	6.80	(53)	-4.15	(78)	-3.21	(82)	0.55	(100)	3.77	(57)	10/01/2005
Total Fixed Policy	6.88	(54)	5.96	(81)	6.88	(54)	5.96	(81)	-4.04	(70)	-3.21	(82)	1.17	(93)	3.18	(94)	
Difference	0.59		0.84		0.59		0.84		-0.11		0.00		-0.62		0.59		
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	6.93		6.87		6.93		6.87		-3.66		-2.62		2.17		3.83		
Total Real Estate	-4.83	(61)	-11.92	(55)	-4.83	(61)	-11.92	(55)	-2.36	(30)	3.80	(74)	2.82	(80)	3.97	(97)	07/01/2007
NCREIF ODCE	-5.23	(67)	-12.71	(61)	-5.23	(67)	-12.71	(61)	-2.72	(37)	5.19	(37)	4.63	(53)	5.22	(52)	
Difference	0.40		0.79		0.40		0.79		0.36		-1.39		-1.81		-1.25		
IM U.S. Open End Private Real Estate (SA+CF) Median	-4.20		-10.48		-4.20		-10.48		-2.89		5.00		4.66		5.23		

* Some Non-Core and Real Estate are on the IRR page.



**Comparative Performance
Total Fund Trailing Returns**

As of December 31, 2023

	QTR		YTD		FYTD		1 YR		2 YR		3 YR		5 YR		Inception	Inception Date	
Total Domestic Equity	10.41		20.48		10.41		20.48		1.23		8.82		15.27		8.94	10/01/2005	
Newton LCV	6.22	(97)	11.11	(73)	6.22	(97)	11.11	(73)	8.02	(7)	16.02	(5)	16.00	(13)	11.47	(15)	01/01/2018
Russell 1000 Value Index	9.50	(66)	11.46	(70)	9.50	(66)	11.46	(70)	1.52	(81)	8.86	(84)	10.91	(86)	7.45	(84)	
Difference	-3.28		-0.35		-3.28		-0.35		6.50		7.16		5.09		4.02		
IM U.S. Large Cap Value Equity (SA+CF) Median	10.23		14.37		10.23		14.37		3.48		10.83		12.93		9.01		
Fidelity Total Market Ix (FSKAX)	12.16	(30)	26.12	(40)	12.16	(30)	26.12	(40)	0.75	(51)	8.45	(60)	N/A		9.76	(55)	12/01/2020
Dow Jones U.S. Total Stock Market Index	12.13	(31)	26.06	(41)	12.13	(31)	26.06	(41)	0.72	(52)	8.43	(60)	15.05	(42)	9.74	(55)	
Difference	0.03		0.06		0.03		0.06		0.03		0.02		N/A		0.02		
IM U.S. Large Cap Core Equity (MF) Median	11.70		24.85		11.70		24.85		0.78		8.83		14.61		9.95		
Fidelity Mid Cap Index Institutional (FSMDX)	12.79	(27)	17.21	(25)	12.79	(27)	17.21	(25)	-1.53	(76)	5.92	(79)	N/A		7.34	(79)	12/01/2020
Russell Midcap Index	12.82	(26)	17.23	(25)	12.82	(26)	17.23	(25)	-1.55	(77)	5.92	(79)	12.68	(28)	7.33	(80)	
Difference	-0.03		-0.02		-0.03		-0.02		0.02		0.00		N/A		0.01		
IM U.S. Mid Cap Core Equity (MF) Median	11.54		13.86		11.54		13.86		0.23		7.63		11.70		9.21		
Fidelity Small Cap Index (FSSNX)	14.05	(23)	17.12	(41)	14.05	(23)	17.12	(41)	-3.37	(57)	2.32	(65)	N/A		2.32	(65)	01/01/2021
Russell 2000 Index	14.03	(24)	16.93	(43)	14.03	(24)	16.93	(43)	-3.55	(59)	2.22	(66)	9.97	(67)	2.22	(66)	
Difference	0.02		0.19		0.02		0.19		0.18		0.10		N/A		0.10		
IM U.S. Small Cap Equity (MF) Median	12.22		16.28		12.22		16.28		-2.42		5.75		10.82		5.75		
Mass Mutual Small Cap (MSOOX)	13.19	(35)	18.11	(31)	13.19	(35)	18.11	(31)	-0.26	(33)	N/A		N/A		3.67	(38)	03/01/2021
Russell 2000 Index	14.03	(24)	16.93	(43)	14.03	(24)	16.93	(43)	-3.55	(59)	2.22	(66)	9.97	(67)	-1.53	(68)	
Difference	-0.84		1.18		-0.84		1.18		3.29		N/A		N/A		5.20		
IM U.S. Small Cap Equity (MF) Median	12.22		16.28		12.22		16.28		-2.42		5.75		10.82		2.06		
Total Growth	14.32	(47)	41.21	(52)	14.32	(47)	41.21	(52)	-5.61	(93)	3.71	(85)	16.02	(78)	8.24	(99)	07/01/2007
Russell 1000 Growth Index	14.16	(55)	42.68	(45)	14.16	(55)	42.68	(45)	0.55	(28)	8.86	(23)	19.50	(13)	11.94	(24)	
Difference	0.16		-1.47		0.16		-1.47		-6.16		-5.15		-3.48		-3.70		
IM U.S. Large Cap Growth Equity (SA+CF+MF) Median	14.24		41.45		14.24		41.45		-0.69		6.79		17.42		11.41		
Rhumbline R1000G	14.16	(44)	42.63	(32)	14.16	(44)	42.63	(32)	0.56	(33)	8.87	(30)	19.50	(16)	15.71	(20)	01/01/2018
Russell 1000 Growth Index	14.16	(44)	42.68	(32)	14.16	(44)	42.68	(32)	0.55	(33)	8.86	(30)	19.50	(16)	15.71	(20)	
Difference	0.00		-0.05		0.00		-0.05		0.01		0.01		0.00		0.00		
IM U.S. Large Cap Growth Equity (SA+CF) Median	13.89		39.45		13.89		39.45		-0.51		7.20		17.31		14.22		
Polen Capital LCG	14.58	(33)	39.10	(52)	14.58	(33)	39.10	(52)	-6.73	(95)	2.78	(89)	15.36	(80)	15.36	(80)	01/01/2019
Russell 1000 Growth Index	14.16	(44)	42.68	(32)	14.16	(44)	42.68	(32)	0.55	(33)	8.86	(30)	19.50	(16)	19.50	(16)	
Difference	0.42		-3.58		0.42		-3.58		-7.28		-6.08		-4.14		-4.14		
IM U.S. Large Cap Growth Equity (SA+CF) Median	13.89		39.45		13.89		39.45		-0.51		7.20		17.31		17.31		

* Some Non-Core and Real Estate are on the IRR page.



**Comparative Performance
Total Fund Trailing Returns**

As of December 31, 2023

	QTR		YTD		FYTD		1 YR		2 YR		3 YR		5 YR		Inception	Inception Date	
Total Int'l Equity	12.15		15.12		12.15		15.12		-4.13		-0.05		8.53		4.54	05/01/2007	
Harding Loevner Intl Equity (HLIZX)	12.15	(15)	15.12	(52)	12.15	(15)	15.12	(52)	-4.13	(54)	-0.05	(54)	8.53	(26)	6.74	(26)	09/01/2016
MSCI AC World ex USA (Net)	9.75	(46)	15.62	(46)	9.75	(46)	15.62	(46)	-1.45	(37)	1.55	(43)	7.08	(51)	6.03	(41)	
Difference	2.40		-0.50		2.40		-0.50		-2.68		-1.60		1.45		0.71		
IM International Equity (MF) Median	9.38		15.20		9.38		15.20		-3.54		0.58		7.09		5.65		
Total Core Fixed Income	7.56		6.13		7.56		6.13		-5.10		-4.16		0.43		3.03	10/01/2005	
Core Fixed Policy	6.82		5.53		6.82		5.53		-4.19		-3.31		1.10		3.12		
Difference	0.74		0.60		0.74		0.60		-0.91		-0.85		-0.67		-0.09		
Baird Aggregate Bond Fund (BAGIX)	7.20	(18)	6.43	(23)	7.20	(18)	6.43	(23)	-3.97	(18)	N/A		N/A		-3.82	(21)	09/01/2021
Blmbg. U.S. Aggregate Index	6.82	(46)	5.53	(65)	6.82	(46)	5.53	(65)	-4.19	(32)	-3.31	(38)	1.10	(58)	-3.95	(28)	
Difference	0.38		0.90		0.38		0.90		0.22		N/A		N/A		0.13		
IM U.S. Broad Market Core Fixed Income (MF) Median	6.77		5.77		6.77		5.77		-4.43		-3.44		1.19		-4.23		
Western Assets Core Bond (WACSX)	7.95	(3)	5.85	(47)	7.95	(3)	5.85	(47)	-6.21	(98)	N/A		N/A		-5.78	(98)	09/01/2021
Blmbg. U.S. Aggregate Index	6.82	(46)	5.53	(65)	6.82	(46)	5.53	(65)	-4.19	(32)	-3.31	(38)	1.10	(58)	-3.95	(28)	
Difference	1.13		0.32		1.13		0.32		-2.02		N/A		N/A		-1.83		
IM U.S. Broad Market Core Fixed Income (MF) Median	6.77		5.77		6.77		5.77		-4.43		-3.44		1.19		-4.23		
Total Non-Core Fixed Income *	7.22		11.48		7.22		11.48		0.87		1.52		1.78		5.74	07/01/2010	
Bloomberg Global Aggregate	8.10		5.72		8.10		5.72		-5.91		-5.51		-0.32		1.24		
Difference	-0.88		5.76		-0.88		5.76		6.78		7.03		2.10		4.50		
PIMCO Diversified Income Fund (PDIIIX)	7.80	(41)	10.39	(4)	7.80	(41)	10.39	(4)	-2.43	(31)	-1.49	(21)	N/A		-0.03	(13)	10/01/2020
Blmbg. Global Credit (Hedged)	7.32	(51)	9.36	(9)	7.32	(51)	9.36	(9)	-2.88	(37)	-2.06	(27)	2.51	(11)	-0.98	(28)	
Difference	0.48		1.03		0.48		1.03		0.45		0.57		N/A		0.95		
IM Global Fixed Income (MF) Median	7.37		6.74		7.37		6.74		-3.80		-3.56		0.82		-2.26		
Total Real Estate *	-4.83		-11.92		-4.83		-11.92		-2.36		3.80		2.82		3.97	07/01/2007	
ARA Core Property	-5.99	(80)	-13.06	(63)	-5.99	(80)	-13.06	(63)	-2.50	(34)	5.00	(50)	4.57	(58)	5.21	(55)	07/01/2007
NCREIF ODCE	-5.23	(67)	-12.71	(61)	-5.23	(67)	-12.71	(61)	-2.72	(37)	5.19	(37)	4.63	(53)	5.22	(52)	
Difference	-0.76		-0.35		-0.76		-0.35		0.22		-0.19		-0.06		-0.01		
IM U.S. Open End Private Real Estate (SA+CF) Median	-4.20		-10.48		-4.20		-10.48		-2.89		5.00		4.66		5.23		

* Some products shown on IRR page.

* Some Non-Core and Real Estate are on the IRR page.



As of December 31, 2023

Comparative Performance - IRR						
	QTR	1 YR	3 YR	5 YR	Inception	Inception Date
Angelo Gordon Net Lease Realty Fund III, L.P.	1.87	6.37	8.17	7.12	6.99	03/10/2014
Dune Real Estate Fund III	-7.02	-33.31	-3.25	-6.79	4.87	11/06/2014
Crescent Direct Lending Levered Fund	3.19	11.33	5.41	5.01	7.03	10/09/2014
Deerpath Capital Advantage VI	3.35	13.18	N/A	N/A	11.69	12/02/2021
TCW Direct Lending VIII	3.71	11.99	N/A	N/A	9.34	07/21/2022



Comparative Performance
Total Fund Trailing Returns
As of December 31, 2023

Comparative Performance												
	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	Oct-2012 To Sep-2013	
Total Fund (Net)	11.22 (30)	-14.50 (30)	23.38 (4)	8.64 (29)	4.54 (44)	8.29 (13)	11.09 (28)	8.82 (50)	-1.22 (29)	10.01 (28)	10.96 (41)	
Total Fund Policy	12.96 (13)	-15.17 (38)	18.71 (26)	10.42 (16)	5.02 (34)	8.59 (12)	11.90 (16)	10.34 (18)	0.55 (5)	10.23 (25)	10.24 (51)	
Difference	-1.74	0.67	4.67	-1.78	-0.48	-0.30	-0.81	-1.52	-1.77	-0.22	0.72	
IM Mixed-Asset Target Alloc Moderate (MF) Median	9.97	-16.34	16.27	6.36	3.97	5.10	9.96	8.78	-2.27	8.33	10.26	
Total Fund (Gross)	11.45 (35)	-14.29 (53)	23.66 (18)	8.95 (31)	4.89 (32)	8.66 (28)	11.49 (62)	9.41 (64)	-0.72 (48)	10.58 (34)	11.52 (66)	
Total Fund Policy	12.96 (15)	-15.17 (65)	18.71 (73)	10.42 (15)	5.02 (29)	8.59 (29)	11.90 (52)	10.34 (31)	0.55 (18)	10.23 (43)	10.24 (78)	
Difference	-1.51	0.88	4.95	-1.47	-0.13	0.07	-0.41	-0.93	-1.27	0.35	1.28	
All Public Plans-Total Fund Median	10.51	-13.95	20.58	7.63	4.31	7.55	12.00	9.76	-0.81	9.87	12.46	
Total Equity	19.07	-18.96	32.48	11.86	3.19	13.13	16.40	11.59	-3.61	13.96	21.06	
Total Equity Policy	20.47	-20.24	30.07	12.49	1.49	13.60	18.94	13.34	-6.20	11.73	19.62	
Difference	-1.40	1.28	2.41	-0.63	1.70	-0.47	-2.54	-1.75	2.59	2.23	1.44	
Total Domestic Equity	19.43 (44)	-16.71 (52)	35.98 (35)	11.18 (47)	5.47 (23)	16.10 (47)	14.99 (85)	12.80 (49)	-1.73 (57)	17.23 (49)	22.56 (62)	
Total Domestic Equity Policy	20.33 (38)	-18.87 (63)	31.98 (52)	15.74 (35)	2.36 (46)	17.73 (39)	18.62 (54)	14.77 (28)	-1.18 (53)	17.67 (43)	22.03 (67)	
Difference	-0.90	2.16	4.00	-4.56	3.11	-1.63	-3.63	-1.97	-0.55	-0.44	0.53	
IM U.S. All Cap Equity (SA+CF+MF) Median	18.57	-16.26	32.17	9.87	1.99	15.51	18.89	12.66	-0.81	17.14	24.30	
Total Int'l Equity	17.82 (94)	-27.22 (75)	20.58 (89)	14.11 (13)	-3.34 (74)	5.85 (15)	18.68 (72)	7.98 (53)	-8.63 (66)	6.07 (46)	16.67 (88)	
Total Int'l Policy	20.39 (77)	-25.17 (49)	23.92 (68)	3.00 (62)	-1.23 (47)	1.76 (61)	19.61 (61)	9.26 (38)	-12.16 (90)	4.77 (64)	16.48 (89)	
Difference	-2.57	-2.05	-3.34	11.11	-2.11	4.09	-0.93	-1.28	3.53	1.30	0.19	
IM International Large Cap Core Equity (SA+CF) Median	23.73	-25.44	25.33	4.65	-1.57	2.53	20.47	8.30	-6.98	5.67	22.02	
Total Fixed Income	1.27 (67)	-15.69 (80)	0.15 (81)	5.22 (81)	7.91 (82)	0.99 (20)	3.93 (24)	5.81 (64)	2.09 (61)	6.00 (34)	2.81 (12)	
Total Fixed Policy	1.17 (73)	-14.82 (60)	-0.90 (95)	6.98 (57)	10.30 (51)	-1.22 (89)	0.07 (94)	5.19 (84)	2.94 (29)	3.96 (85)	-2.35 (97)	
Difference	0.10	-0.87	1.05	-1.76	-2.39	2.21	3.86	0.62	-0.85	2.04	5.16	
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	1.81	-14.59	1.70	7.19	10.31	-0.45	1.89	6.27	2.47	5.32	-0.43	
Total Real Estate	-11.13 (32)	20.87 (48)	10.61 (86)	-2.00 (83)	5.87 (72)	10.10 (24)	9.82 (26)	9.06 (90)	14.70 (55)	12.33 (72)	8.10 (100)	
NCREIF ODCE	-12.40 (41)	22.76 (40)	15.75 (54)	1.74 (43)	6.17 (70)	8.82 (56)	7.81 (50)	10.62 (66)	14.71 (55)	12.39 (70)	12.47 (64)	
Difference	1.27	-1.89	-5.14	-3.74	-0.30	1.28	2.01	-1.56	-0.01	-0.06	-4.37	
IM U.S. Open End Private Real Estate (SA+CF) Median	-12.83	20.33	16.09	1.58	6.80	8.93	7.78	11.16	15.08	12.94	13.18	
Total Timber	N/A	-43.56	-8.13	-4.04	5.58	-9.38	0.28	6.48	6.70	9.49	4.51	
NCREIF Timberland Index	10.03	12.54	5.01	0.19	2.10	4.00	3.28	3.28	9.26	10.38	9.68	
Difference	N/A	-56.10	-13.14	-4.23	3.48	-13.38	-3.00	3.20	-2.56	-0.89	-5.17	



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	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	Oct-2012 To Sep-2013
Total Domestic Equity	19.43	-16.71	35.98	11.18	5.47	16.10	14.99	12.80	-1.73	17.23	22.56
Vanguard Total Stock Mkt (VTSAX)	N/A	N/A	N/A	14.99 (33)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CRSP U.S. Total Market TR Index	20.37 (28)	-17.98 (53)	32.11 (50)	14.99 (33)	2.92 (34)	17.62 (32)	18.64 (40)	14.99 (28)	-0.55 (46)	17.77 (23)	21.59 (55)
Difference	N/A	N/A	N/A	0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Equity (MF) Median	15.07	-17.38	31.94	4.43	0.15	13.34	17.56	12.15	-0.92	13.76	22.53
Macquarie (Delaware Value)	N/A	N/A	N/A	N/A	N/A	N/A	12.49 (88)	19.29 (11)	-3.67 (56)	21.59 (16)	24.74 (38)
Russell 1000 Value Index	14.44 (69)	-11.36 (66)	35.01 (59)	-5.03 (66)	4.00 (39)	9.45 (77)	15.12 (76)	16.19 (26)	-4.42 (63)	18.89 (42)	22.30 (58)
Difference	N/A	N/A	N/A	N/A	N/A	N/A	-2.63	3.10	0.75	2.70	2.44
IM U.S. Large Cap Value Equity (SA+CF) Median	17.12	-9.54	37.01	-3.26	2.49	11.83	17.80	13.35	-3.34	18.36	23.43
Newton LCV	20.81 (23)	-0.72 (4)	48.24 (12)	-7.39 (79)	3.47 (44)	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Value Index	14.44 (69)	-11.36 (66)	35.01 (59)	-5.03 (66)	4.00 (39)	9.45 (77)	15.12 (76)	16.19 (26)	-4.42 (63)	18.89 (42)	22.30 (58)
Difference	6.37	10.64	13.23	-2.36	-0.53	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Value Equity (SA+CF) Median	17.12	-9.54	37.01	-3.26	2.49	11.83	17.80	13.35	-3.34	18.36	23.43
Great Lakes SMid Cap	N/A	N/A	N/A	-2.21 (67)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2500 Index	11.28 (81)	-21.11 (70)	45.03 (42)	2.22 (52)	-4.04 (64)	16.19 (53)	17.79 (67)	14.44 (33)	0.38 (67)	8.97 (68)	29.79 (59)
Difference	N/A	N/A	N/A	-4.43	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. SMID Cap Core Equity (SA+CF) Median	13.55	-18.11	42.25	2.82	-2.44	16.26	19.02	12.40	2.46	11.06	30.40
Fidelity Total Market Ix (FSKAX)	20.52 (54)	-18.04 (66)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dow Jones U.S. Total Stock Market Index	20.49 (55)	-18.05 (66)	32.13 (11)	14.77 (51)	2.81 (58)	17.58 (39)	18.67 (44)	14.93 (23)	-0.55 (33)	17.69 (48)	21.44 (24)
Difference	0.03	0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Core Equity (MF) Median	20.90	-17.11	29.05	14.77	3.56	16.72	18.34	13.01	-1.32	17.49	19.83
Fidelity Mid Cap Index Institutional (FSMDX)	13.50 (38)	-19.38 (90)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell Midcap Index	13.45 (40)	-19.39 (90)	38.11 (47)	4.55 (17)	3.19 (37)	13.98 (19)	15.32 (46)	14.25 (27)	-0.25 (30)	15.83 (16)	27.91 (41)
Difference	0.05	0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Mid Cap Core Equity (MF) Median	12.46	-14.07	37.86	-2.64	1.86	9.96	15.17	11.88	-1.28	12.77	27.41
Fidelity Small Cap Index (FSSNX)	9.11 (71)	-23.39 (64)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Index	8.93 (73)	-23.50 (65)	47.68 (53)	0.39 (40)	-8.89 (57)	15.24 (41)	20.74 (30)	15.47 (31)	1.25 (48)	3.93 (60)	30.06 (50)
Difference	0.18	0.11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Small Cap Equity (MF) Median	11.27	-19.95	48.49	-4.24	-8.26	13.44	19.18	12.99	0.97	4.69	29.96
Mass Mutual Small Cap (MSOOX)	13.14 (39)	-18.57 (41)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Index	8.93 (73)	-23.50 (65)	47.68 (53)	0.39 (40)	-8.89 (57)	15.24 (41)	20.74 (30)	15.47 (31)	1.25 (48)	3.93 (60)	30.06 (50)
Difference	4.21	4.93	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Small Cap Equity (MF) Median	11.27	-19.95	48.49	-4.24	-8.26	13.44	19.18	12.99	0.97	4.69	29.96



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	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	Oct-2012 To Sep-2013
Total Growth	23.80 (76)	-32.99 (83)	29.92 (18)	36.35 (40)	11.18 (6)	22.19 (79)	14.70 (98)	7.63 (92)	4.20 (43)	18.19 (51)	18.74 (71)
Russell 1000 Growth Index	27.72 (47)	-22.59 (27)	27.32 (47)	37.53 (34)	3.71 (46)	26.30 (44)	21.94 (41)	13.76 (21)	3.17 (58)	19.15 (39)	19.27 (64)
Difference	-3.92	-10.40	2.60	-1.18	7.47	-4.11	-7.24	-6.13	1.03	-0.96	-0.53
IM U.S. Large Cap Growth Equity (SA+CF+MF) Median	27.13	-26.61	27.13	34.98	3.33	25.46	21.29	12.04	3.83	18.23	20.80
Rhumblin R1000G	27.70 (39)	-22.55 (40)	27.31 (49)	37.56 (31)	3.70 (52)	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Growth Index	27.72 (39)	-22.59 (40)	27.32 (49)	37.53 (31)	3.71 (51)	26.30 (39)	21.94 (39)	13.76 (21)	3.17 (58)	19.15 (39)	19.27 (65)
Difference	-0.02	0.04	-0.01	0.03	-0.01	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	25.72	-25.12	27.23	33.81	3.80	24.84	21.08	11.84	3.88	18.13	20.25
Sawgrass Large Cap Growth	N/A	N/A	N/A	N/A	N/A	21.72 (69)	14.70 (96)	7.63 (89)	4.20 (44)	18.19 (49)	18.74 (70)
Russell 1000 Growth Index	27.72 (39)	-22.59 (40)	27.32 (49)	37.53 (31)	3.71 (51)	26.30 (39)	21.94 (39)	13.76 (21)	3.17 (58)	19.15 (39)	19.27 (65)
Difference	N/A	N/A	N/A	N/A	N/A	-4.58	-7.24	-6.13	1.03	-0.96	-0.53
IM U.S. Large Cap Growth Equity (SA+CF) Median	25.72	-25.12	27.23	33.81	3.80	24.84	21.08	11.84	3.88	18.13	20.25
Polen Capital LCG	21.73 (77)	-34.35 (91)	30.61 (20)	35.93 (38)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Growth Index	27.72 (39)	-22.59 (40)	27.32 (49)	37.53 (31)	3.71 (51)	26.30 (39)	21.94 (39)	13.76 (21)	3.17 (58)	19.15 (39)	19.27 (65)
Difference	-5.99	-11.76	3.29	-1.60	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	25.72	-25.12	27.23	33.81	3.80	24.84	21.08	11.84	3.88	18.13	20.25
Lazard SMid Cap Core	N/A	N/A	N/A	N/A	N/A	13.70 (70)	20.53 (35)	10.26 (76)	4.02 (36)	11.99 (36)	31.12 (43)
Russell 2500 Index	11.28 (81)	-21.11 (70)	45.03 (42)	2.22 (52)	-4.04 (64)	16.19 (53)	17.79 (67)	14.44 (33)	0.38 (67)	8.97 (68)	29.79 (59)
Difference	N/A	N/A	N/A	N/A	N/A	-2.49	2.74	-4.18	3.64	3.02	1.33
IM U.S. SMID Cap Core Equity (SA+CF) Median	13.55	-18.11	42.25	2.82	-2.44	16.26	19.02	12.40	2.46	11.06	30.40
Vanguard Mid-Cap Index (VIMAX)	N/A	N/A	N/A	7.08 (10)	3.65 (33)	13.42 (24)	15.30 (46)	12.63 (44)	N/A	N/A	N/A
CRSP U.S. Mid Cap TR Index	12.62 (49)	-19.47 (91)	36.12 (66)	7.07 (10)	3.70 (32)	13.44 (24)	15.33 (45)	12.68 (44)	1.76 (18)	15.94 (14)	28.08 (40)
Difference	N/A	N/A	N/A	0.01	-0.05	-0.02	-0.03	-0.05	N/A	N/A	N/A
IM U.S. Mid Cap Core Equity (MF) Median	12.46	-14.07	37.86	-2.64	1.86	9.96	15.17	11.88	-1.28	12.77	27.41
Total Int'l Equity	17.82	-27.22	20.58	14.11	-3.34	5.85	18.68	7.98	-8.63	6.07	16.67
Harding Loevner Intl Equity (HLIZX)	17.81 (58)	-27.22 (44)	20.58 (64)	14.11 (29)	-3.34 (62)	5.85 (11)	18.65 (58)	N/A	N/A	N/A	N/A
MSCI AC World ex USA (Net)	20.39 (45)	-25.17 (29)	23.92 (47)	3.00 (63)	-1.23 (44)	1.76 (35)	19.61 (48)	9.26 (51)	-12.16 (65)	4.77 (43)	16.48 (57)
Difference	-2.58	-2.05	-3.34	11.11	-2.11	4.09	-0.96	N/A	N/A	N/A	N/A
IM International Equity (MF) Median	19.12	-28.16	23.10	6.54	-1.89	0.18	19.36	9.30	-8.69	4.27	17.88



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	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	Oct-2012 To Sep-2013
Total Core Fixed Income	0.91	-17.12	-1.45	7.31	8.74	-0.67	0.82	5.78	3.88	4.40	-1.26
Core Fixed Policy	0.64	-14.60	-0.90	6.98	10.30	-1.22	0.07	5.19	2.94	3.96	-1.68
Difference	0.27	-2.52	-0.55	0.33	-1.56	0.55	0.75	0.59	0.94	0.44	0.42
Garcia Hamilton Fixed Income	N/A	N/A	-7.33 (100)	7.31 (56)	8.74 (95)	N/A	N/A	N/A	N/A	N/A	N/A
Blmbg. U.S. Aggregate Index	0.64 (73)	-14.60 (62)	-0.90 (83)	6.98 (76)	10.30 (69)	-1.22 (88)	0.07 (84)	5.19 (79)	2.94 (62)	3.96 (79)	-1.68 (78)
Difference	N/A	N/A	-6.43	0.33	-1.56	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.06	-14.51	-0.05	7.52	10.42	-0.75	0.62	5.66	3.02	4.41	-1.30
Mutual of America Core Fixed	N/A	N/A	N/A	N/A	N/A	N/A	0.82 (39)	5.78 (42)	3.88 (7)	4.43 (50)	-1.01 (36)
Blmbg. U.S. Aggregate Index	0.64 (73)	-14.60 (62)	-0.90 (83)	6.98 (76)	10.30 (69)	-1.22 (88)	0.07 (84)	5.19 (79)	2.94 (62)	3.96 (79)	-1.68 (78)
Difference	N/A	N/A	N/A	N/A	N/A	N/A	0.75	0.59	0.94	0.47	0.67
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	1.06	-14.51	-0.05	7.52	10.42	-0.75	0.62	5.66	3.02	4.41	-1.30
Baird Aggregate Bond Fund (BAGIX)	1.41 (49)	-15.26 (65)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blmbg. U.S. Aggregate Index	0.64 (87)	-14.60 (37)	-0.90 (93)	6.98 (70)	10.30 (64)	-1.22 (84)	0.07 (90)	5.19 (83)	2.94 (32)	3.96 (84)	-1.68 (83)
Difference	0.77	-0.66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Broad Market Core Fixed Income (MF) Median	1.35	-14.81	0.84	7.64	10.46	-0.69	1.19	5.94	2.72	5.11	-0.85
Western Assets Core Bond (WACSX)	0.28 (98)	-18.76 (100)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blmbg. U.S. Aggregate Index	0.64 (87)	-14.60 (37)	-0.90 (93)	6.98 (70)	10.30 (64)	-1.22 (84)	0.07 (90)	5.19 (83)	2.94 (32)	3.96 (84)	-1.68 (83)
Difference	-0.36	-4.16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Broad Market Core Fixed Income (MF) Median	1.35	-14.81	0.84	7.64	10.46	-0.69	1.19	5.94	2.72	5.11	-0.85
Total Non-Core Fixed Income	5.82	-10.49	6.87	-2.18	5.13	4.97	11.18	6.07	-2.56	9.33	11.74
Bloomberg Global Aggregate	2.24	-20.43	-0.91	6.24	7.60	-1.31	-1.26	8.83	-3.26	1.19	-2.64
Difference	3.58	9.94	7.78	-8.42	-2.47	6.28	12.44	-2.76	0.70	8.14	14.38
Templeton Global Total Return (FTTRX)	N/A	N/A	N/A	-4.29 (100)	2.50 (99)	-1.90 (64)	13.82 (1)	2.64 (95)	-8.23 (95)	5.71 (22)	5.29 (2)
Blmbg. Global Multiverse	2.70 (49)	-20.34 (63)	-0.45 (81)	5.99 (33)	7.54 (51)	-1.32 (50)	-0.56 (78)	9.23 (25)	-3.56 (42)	1.40 (79)	-2.22 (57)
Difference	N/A	N/A	N/A	-10.28	-5.04	-0.58	14.38	-6.59	-4.67	4.31	7.51
IM Global Fixed Income (MF) Median	2.65	-17.63	0.90	5.39	7.65	-1.33	1.10	7.40	-3.88	3.35	-1.81
PIMCO Diversified Income Fund (PDIIIX)	7.27 (7)	-17.58 (50)	4.82 (7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blmbg. Global Credit (Hedged)	5.27 (13)	-16.53 (49)	2.72 (22)	5.26 (53)	10.83 (12)	0.39 (16)	3.04 (29)	9.19 (25)	0.86 (19)	6.83 (10)	1.46 (9)
Difference	2.00	-1.05	2.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM Global Fixed Income (MF) Median	2.65	-17.63	0.90	5.39	7.65	-1.33	1.10	7.40	-3.88	3.35	-1.81
Total Real Estate	-11.13	20.87	10.61	-2.00	5.87	10.10	9.82	9.06	14.70	12.33	8.10
ARA Core Property	-12.54 (47)	25.79 (18)	13.51 (75)	1.62 (49)	6.81 (50)	8.50 (61)	7.52 (53)	9.04 (90)	13.98 (58)	12.49 (68)	12.27 (67)
NCREIF ODCE	-12.40 (41)	22.76 (40)	15.75 (54)	1.74 (43)	6.17 (70)	8.82 (56)	7.81 (50)	10.62 (66)	14.71 (55)	12.39 (70)	12.47 (64)
Difference	-0.14	3.03	-2.24	-0.12	0.64	-0.32	-0.29	-1.58	-0.73	0.10	-0.20
IM U.S. Open End Private Real Estate (SA+CF) Median	-12.83	20.33	16.09	1.58	6.80	8.93	7.78	11.16	15.08	12.94	13.18



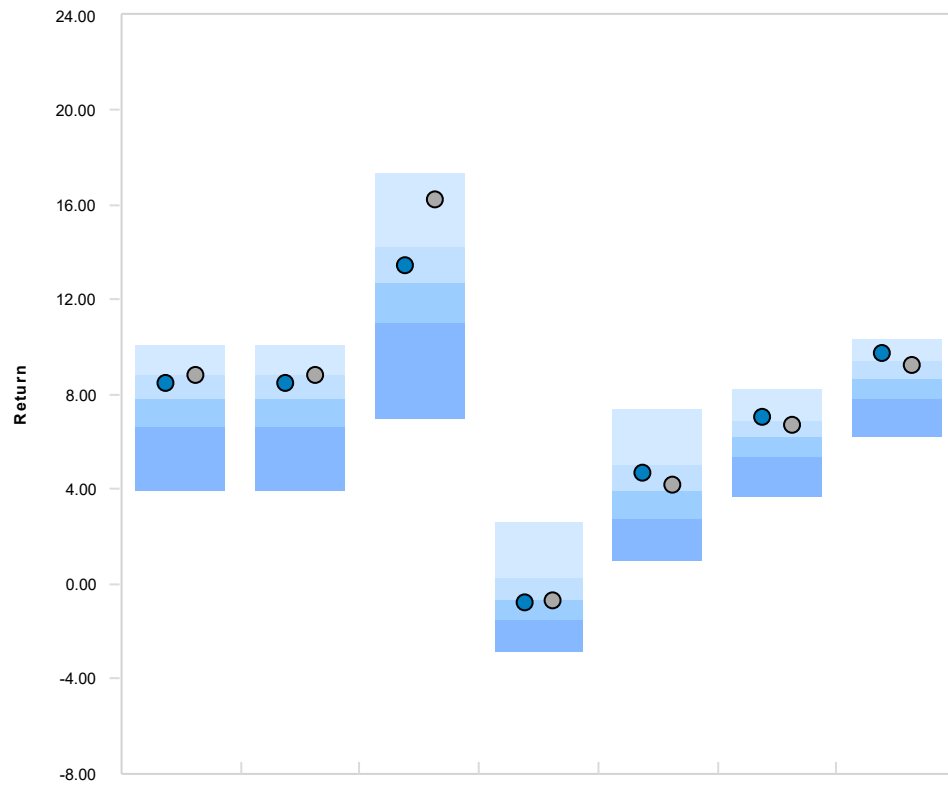
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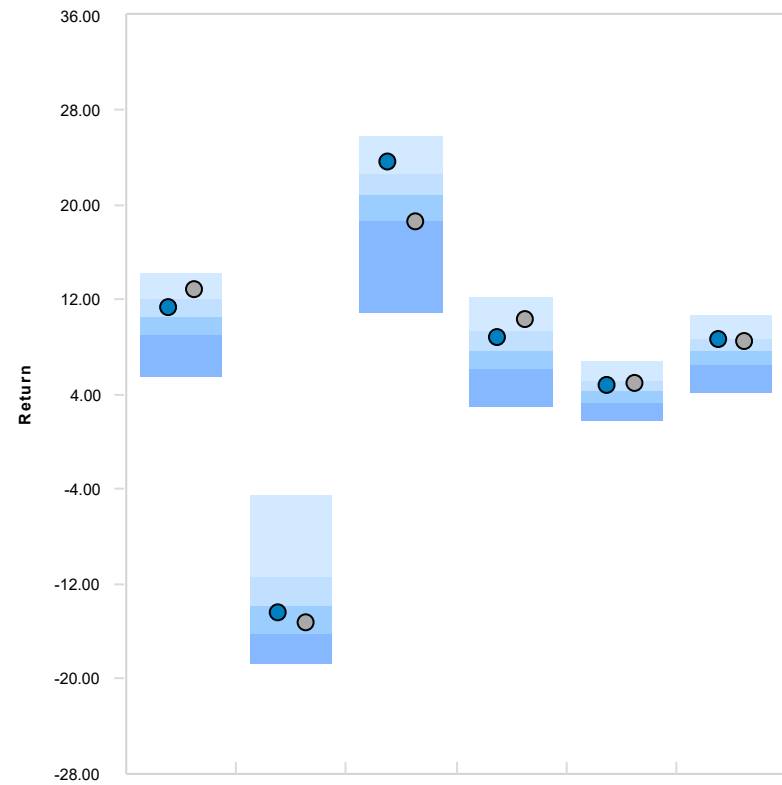
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013
Total Timber	N/A	-43.56	-8.13	-4.04	5.58	-9.38	0.28	6.48	6.70	9.49	4.51
Amsouth Timber Fund	N/A	N/A	N/A	N/A	N/A	-15.26	-0.52	6.12	11.73	7.98	3.85
NCREIF Timberland Index	10.03	12.54	5.01	0.19	2.10	4.00	3.28	3.28	9.26	10.38	9.68
Difference	N/A	N/A	N/A	N/A	N/A	-19.26	-3.80	2.84	2.47	-2.40	-5.83
Molpus Woodlands Timber	N/A	-43.56	-8.13	-4.04	5.90	-2.66	1.18	6.08	1.64	10.96	5.25
NCREIF Timberland Index	10.03	12.54	5.01	0.19	2.10	4.00	3.28	3.28	9.26	10.38	9.68
Difference	N/A	-56.10	-13.14	-4.23	3.80	-6.66	-2.10	2.80	-7.62	0.58	-4.43
Alternatives											
Westwood Income Opportunity Fund (WHGIX)	N/A	N/A	N/A	N/A	N/A	4.94 (36)	8.14 (64)	9.20 (41)	-3.83 (45)	N/A	N/A
Alternatives Policy	10.90 (29)	-14.75 (50)	13.80 (68)	11.70 (13)	7.72 (15)	8.07 (19)	9.04 (54)	10.41 (25)	1.09 (12)	7.56 (57)	-3.91 (95)
Difference	N/A	N/A	N/A	N/A	N/A	-3.13	-0.90	-1.21	-4.92	N/A	N/A
IM Flexible Portfolio (MF) Median	8.27	-14.78	16.31	2.57	2.64	3.46	9.51	8.68	-4.37	8.19	8.68



Peer Group Analysis - All Public Plans-Total Fund



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Fund	8.51 (33)	8.51 (33)	13.47 (39)	-0.79 (55)	4.72 (32)	7.11 (20)	9.78 (13)
○ Total Fund Policy	8.87 (25)	8.87 (25)	16.22 (10)	-0.68 (52)	4.19 (45)	6.70 (32)	9.23 (29)
Median	7.85	7.85	12.69	-0.65	3.96	6.20	8.69



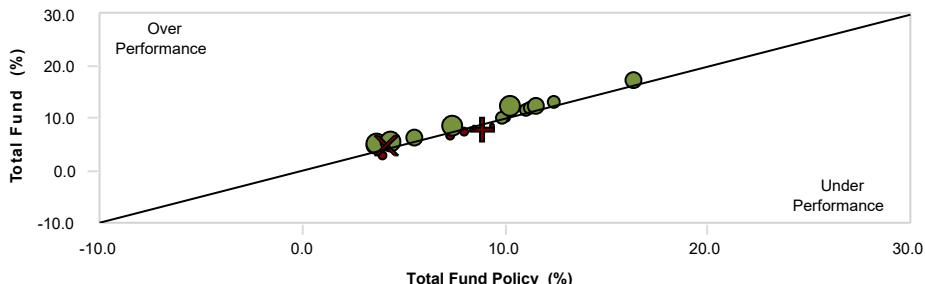
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Total Fund	11.45 (35)	-14.29 (54)	23.66 (18)	8.95 (32)	4.89 (32)	8.66 (28)
○ Total Fund Policy	12.96 (15)	-15.17 (66)	18.71 (75)	10.42 (15)	5.02 (30)	8.59 (30)
Median	10.51	-13.93	20.80	7.72	4.37	7.63

Comparative Performance

	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Total Fund	-3.10 (69)	3.74 (20)	4.04 (57)	6.57 (24)	-3.65 (23)	-11.35 (82)
Total Fund Policy	-3.13 (70)	4.60 (5)	5.35 (12)	5.81 (45)	-4.56 (60)	-12.22 (94)
All Public Plans-Total Fund Median	-2.60	3.08	4.18	5.65	-4.34	-9.98

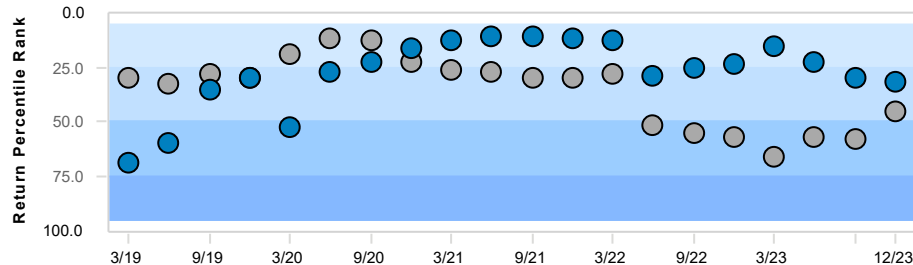


3 Yr Rolling Under/Over Performance - 5 Years



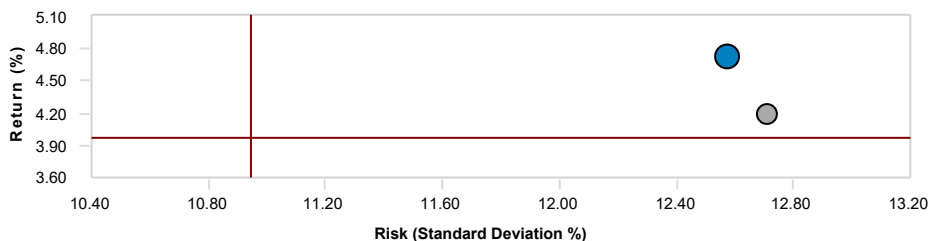
- Over Performance
- Under Performance
- + Earliest Date
- X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years



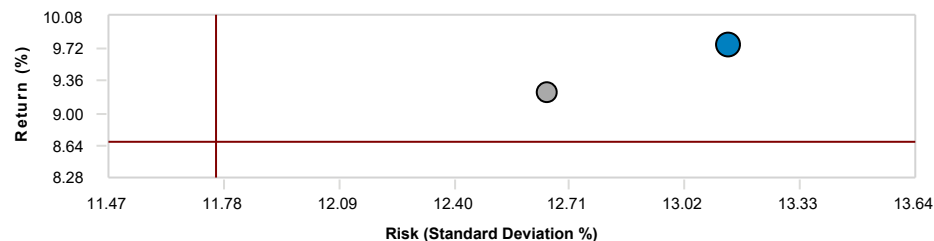
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Total Fund	20	11 (55%)	6 (30%)	3 (15%)	0 (0%)
● Total Fund Policy	20	4 (20%)	10 (50%)	6 (30%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Total Fund	4.72	12.58
● Total Fund Policy	4.19	12.71
— Median	3.96	10.95

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Total Fund	9.78	13.14
● Total Fund Policy	9.23	12.65
— Median	8.69	11.76

Historical Statistics - 3 Years

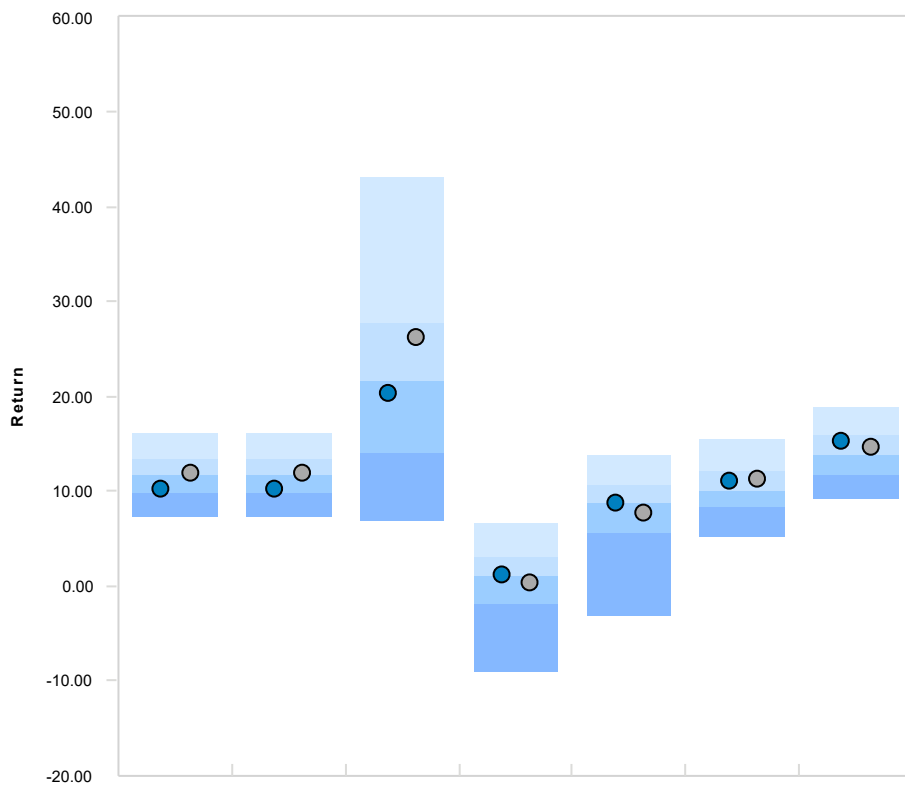
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.94	102.59	100.29	0.61	0.26	0.26	0.98	8.28
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.22	1.00	8.55

Historical Statistics - 5 Years

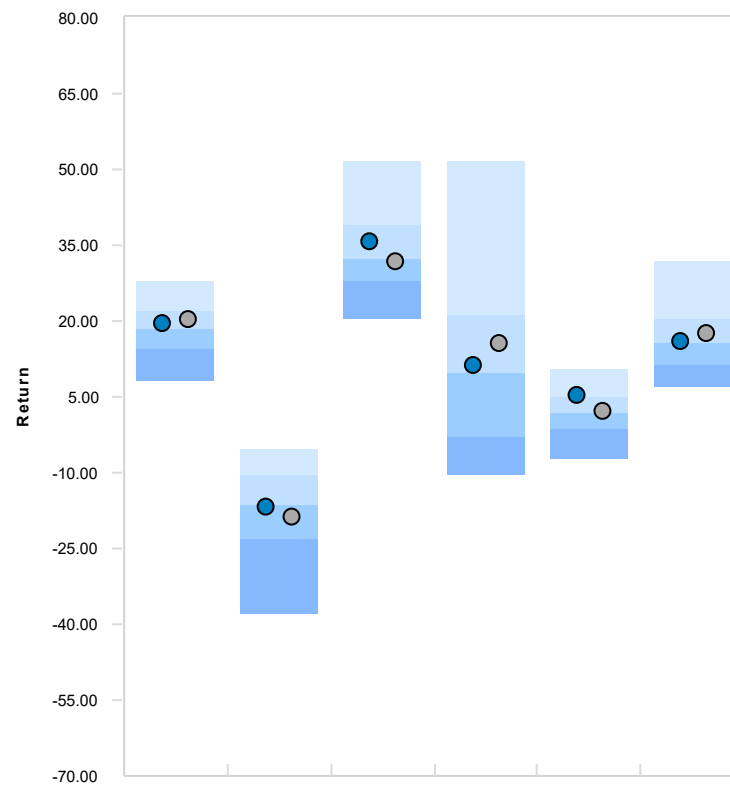
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.98	104.83	104.09	0.31	0.29	0.63	1.03	8.41
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.61	1.00	8.07



Peer Group Analysis - IM U.S. All Cap Equity (SA+CF+MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Domestic Equity	10.41 (70)	10.41 (70)	20.48 (54)	1.23 (48)	8.82 (50)	11.14 (40)	15.27 (34)
● Total Dom Eqty Policy	11.97 (47)	11.97 (47)	26.25 (31)	0.40 (58)	7.87 (59)	11.28 (38)	14.84 (39)
Median	11.82	11.82	21.64	1.02	8.74	10.19	13.92



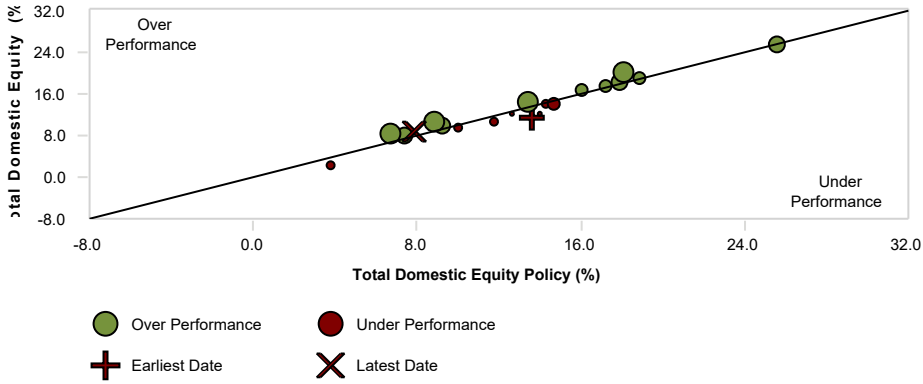
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Total Domestic Equity	19.43 (44)	16.71 (52)	35.98 (35)	11.18 (47)	5.47 (23)	16.10 (47)
● Total Dom Eqty Policy	20.33 (38)	18.87 (63)	31.98 (52)	15.74 (35)	2.36 (46)	17.73 (39)
Median	18.57	16.26	32.17	9.87	1.99	15.51

Comparative Performance

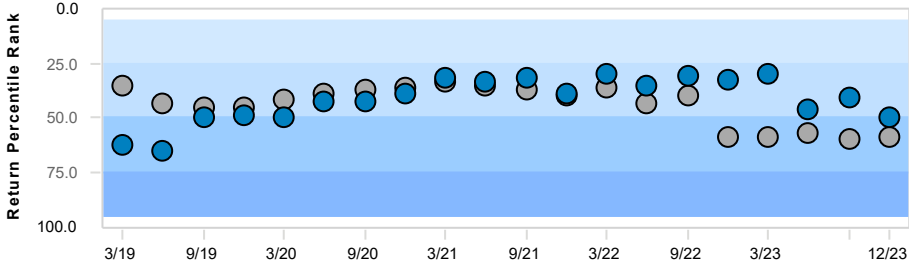
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Total Domestic Equity	-1.86 (21)	6.26 (51)	4.64 (59)	9.45 (49)	-3.53 (32)	-15.78 (57)
Total Domestic Equity Policy	-3.25 (53)	8.52 (28)	7.38 (33)	6.72 (70)	-4.20 (43)	-17.30 (71)
IM U.S. All Cap Equity (SA+CF+MF) Median	-3.17	6.39	5.75	9.12	-4.46	-15.28



3 Yr Rolling Under/Over Performance - 5 Years

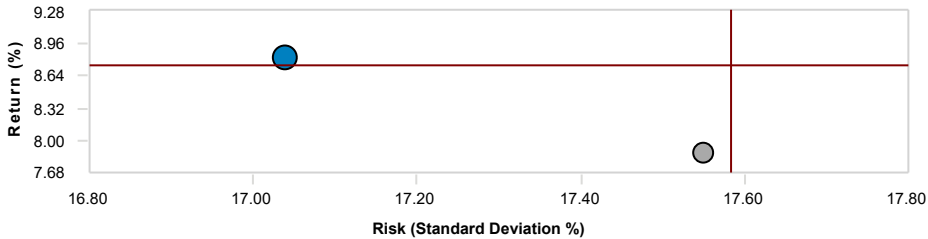


3 Yr Rolling Percentile Ranking - 5 Years



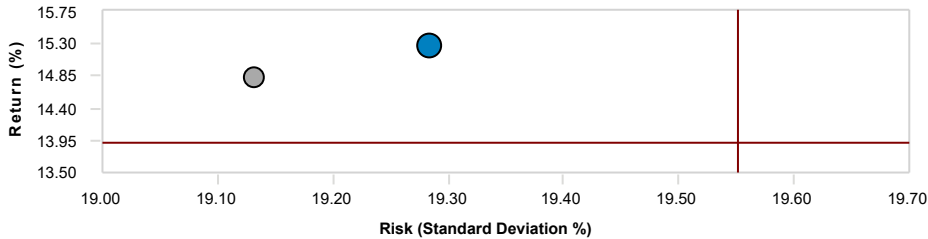
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Total Domestic Equity	20	0 (0%)	18 (90%)	2 (10%)	0 (0%)
● Total Dom Eqty Policy	20	0 (0%)	15 (75%)	5 (25%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Total Domestic Equity	8.82	17.04
● Total Dom Eqty Policy	7.87	17.55
— Median	8.74	17.58

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Total Domestic Equity	15.27	19.28
● Total Dom Eqty Policy	14.84	19.13
— Median	13.92	19.55

Historical Statistics - 3 Years

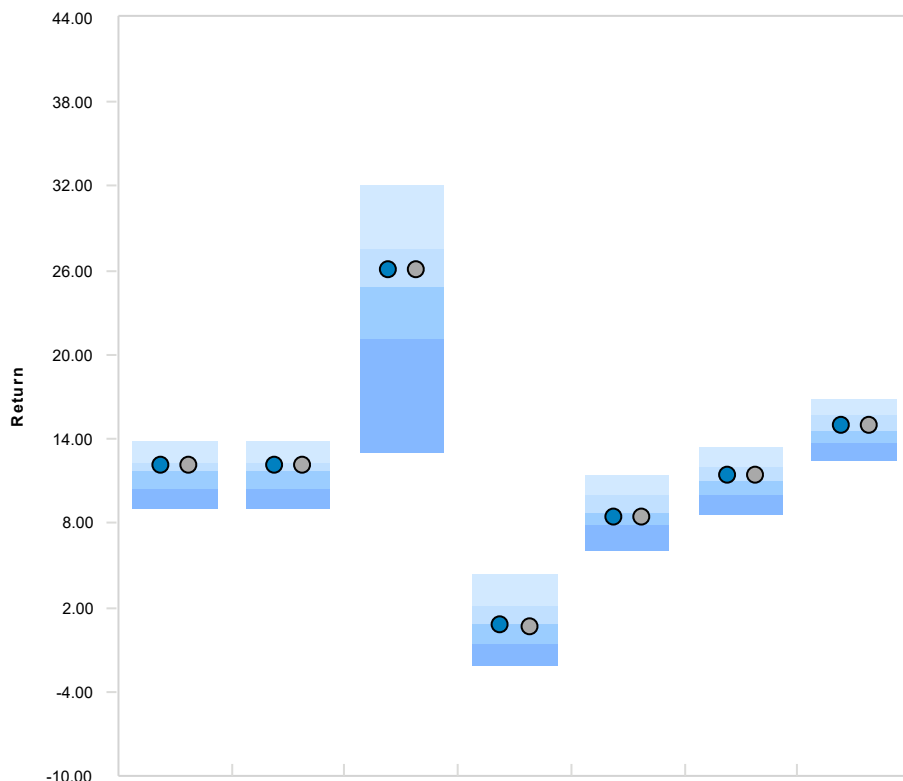
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity	3.16	96.67	91.51	1.21	0.25	0.46	0.96	10.81
Total Dom Eqty Policy	0.00	100.00	100.00	0.00	N/A	0.40	1.00	11.53

Historical Statistics - 5 Years

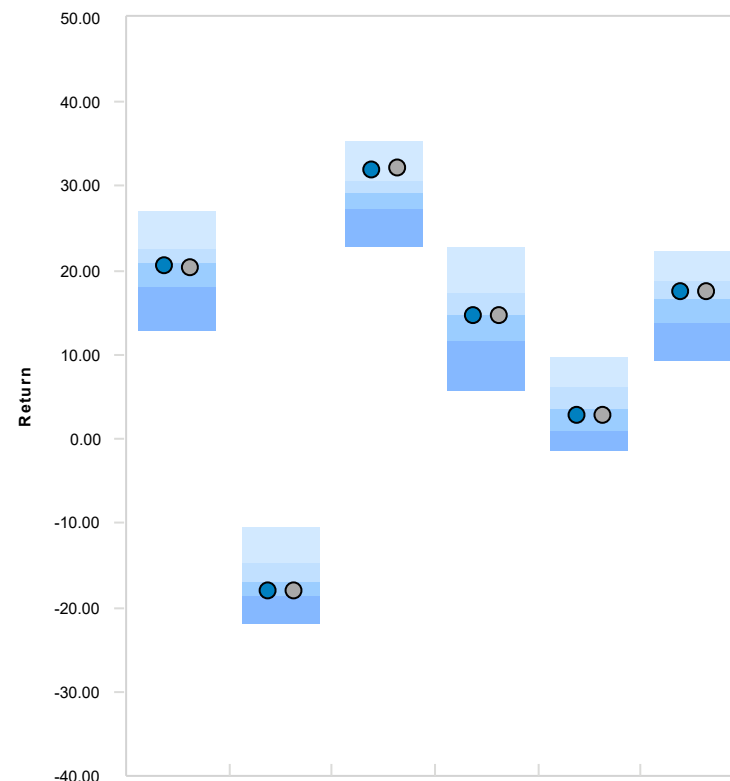
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Domestic Equity	2.93	99.03	96.18	0.48	0.14	0.74	1.00	12.23
Total Dom Eqty Policy	0.00	100.00	100.00	0.00	N/A	0.72	1.00	12.01



Peer Group Analysis - IM U.S. Large Cap Core Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Fidelity Total (FSKAX)	12.16 (30)	12.16 (30)	26.12 (40)	0.75 (51)	8.45 (60)	11.41 (46)	15.06 (41)
● Dow Jones U.S. TSM	12.13 (31)	12.13 (31)	26.06 (41)	0.72 (52)	8.43 (60)	11.39 (47)	15.05 (42)
Median	11.70	11.70	24.85	0.78	8.83	11.10	14.61



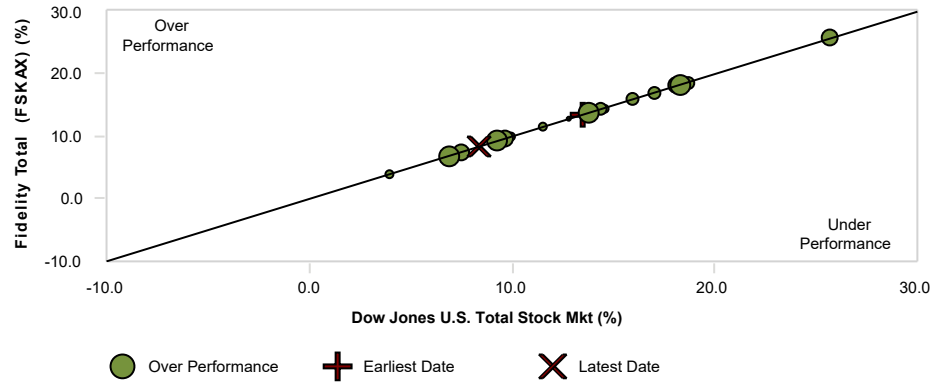
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Fidelity Total (FSKAX)	20.52 (54)	18.03 (66)	32.11 (11)	14.76 (51)	2.83 (58)	17.60 (39)
● Dow Jones U.S. TSM	20.49 (55)	18.05 (66)	32.13 (11)	14.77 (51)	2.81 (58)	17.58 (39)
Median	20.90	17.11	29.05	14.77	3.56	16.72

Comparative Performance

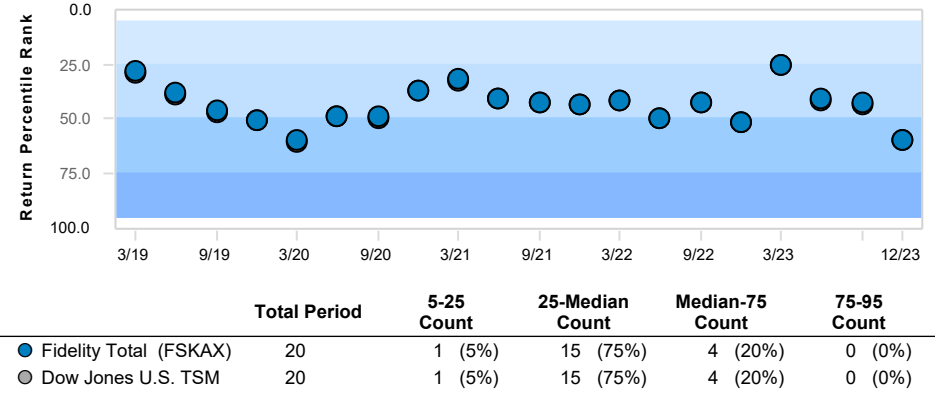
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Fidelity Total (FSKAX)	-3.28 (56)	8.40 (45)	7.26 (38)	7.18 (67)	-4.56 (28)	-16.83 (76)
Dow Jones U.S. Total Stock Mkt	-3.29 (57)	8.39 (45)	7.24 (38)	7.18 (67)	-4.56 (28)	-16.84 (76)
IM U.S. Large Cap Core Equity (MF) Median	-3.17	8.23	6.61	7.81	-5.16	-15.79



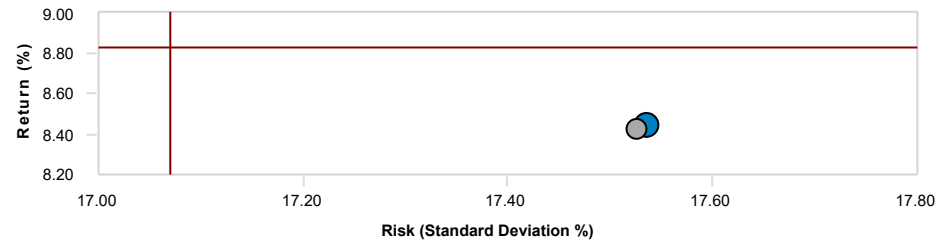
3 Yr Rolling Under/Over Performance - 5 Years



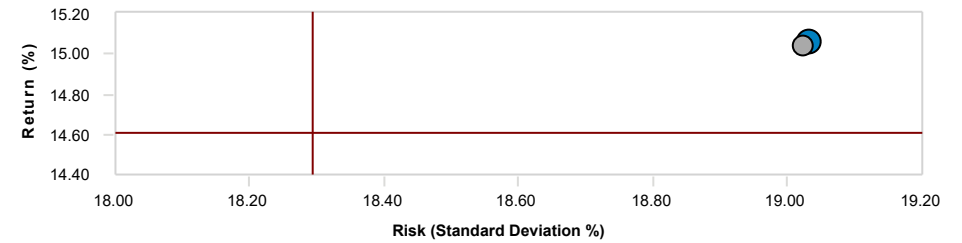
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Total (FSKAX)	0.03	100.08	100.00	0.02	0.90	0.43	1.00	11.44
Dow Jones U.S. TSM	0.00	100.00	100.00	0.00	N/A	0.43	1.00	11.44

Historical Statistics - 5 Years

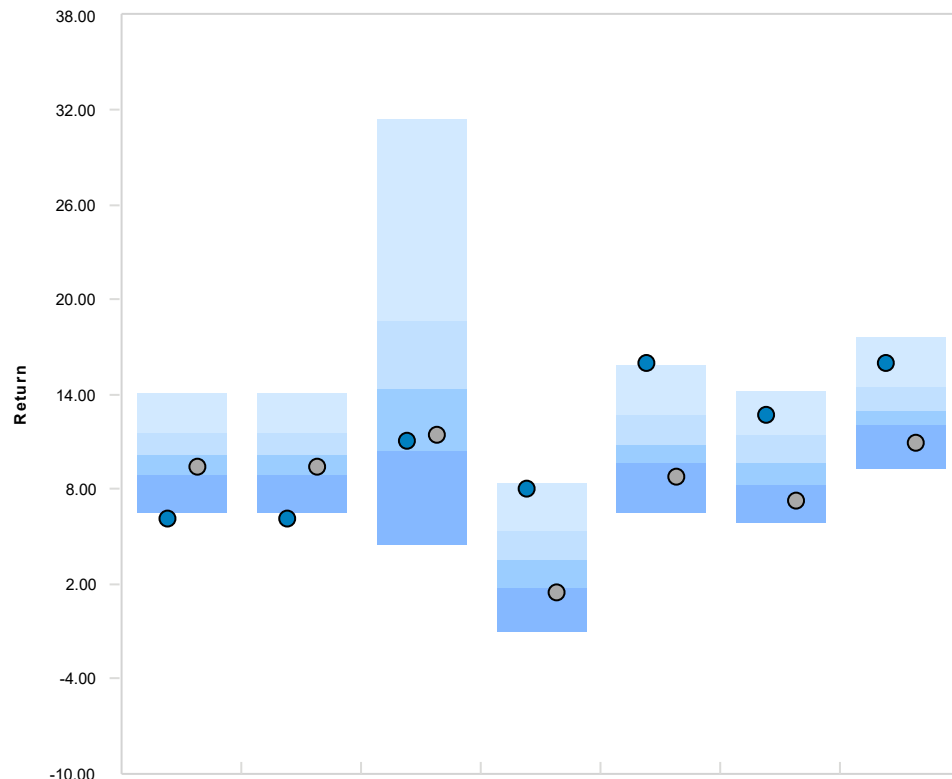
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Total (FSKAX)	0.02	100.05	100.01	0.01	0.66	0.74	1.00	11.95
Dow Jones U.S. TSM	0.00	100.00	100.00	0.00	N/A	0.74	1.00	11.95



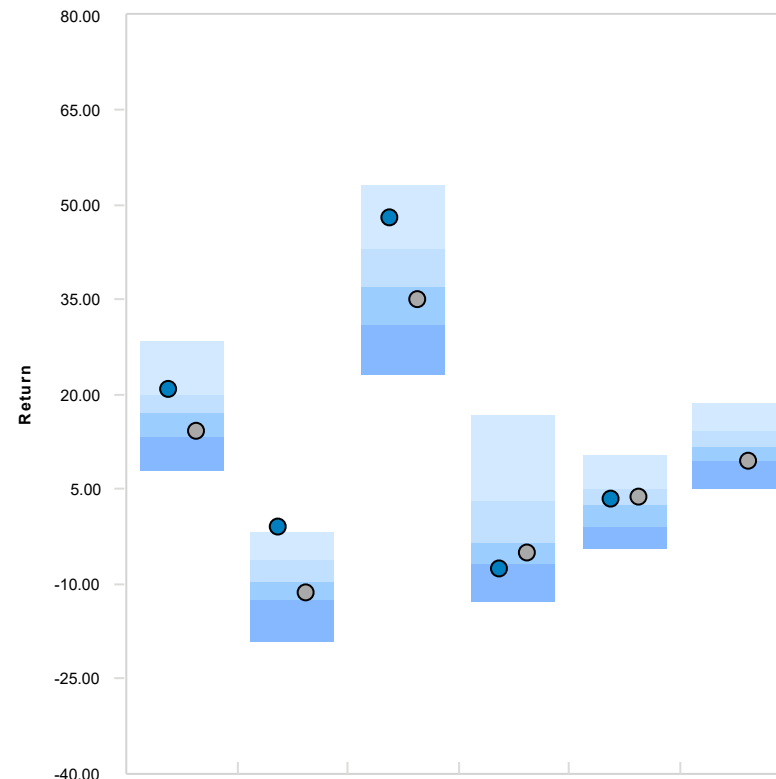
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Peer Group Analysis - IM U.S. Large Cap Value Equity (SA+CF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Newton LCV	6.22 (97)	6.22 (97)	11.11 (73)	8.02 (7)	16.02 (5)	12.73 (13)	16.00 (13)
● Russell 1V Index	9.50 (66)	9.50 (66)	11.46 (70)	1.52 (81)	8.86 (84)	7.31 (88)	10.91 (86)
Median	10.23	10.23	14.37	3.48	10.83	9.65	12.93



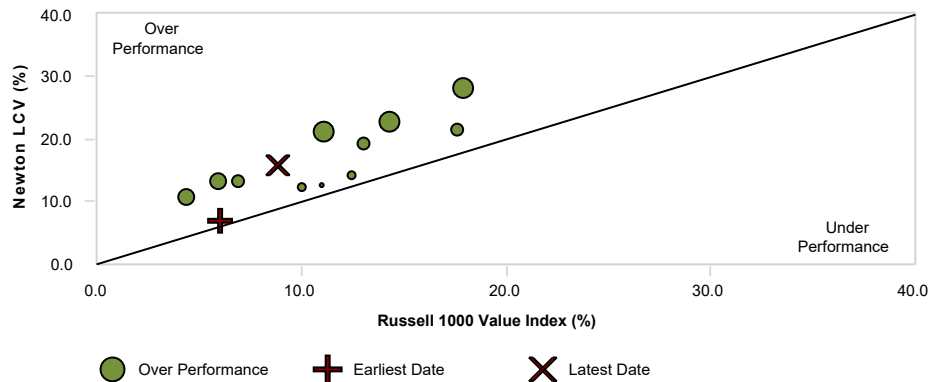
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Newton LCV	20.81 (23)	-0.72 (4)	48.24 (12)	-7.39 (79)	3.47 (44)	N/A
● Russell 1V Index	14.44 (69)	-11.36 (66)	35.01 (59)	-5.03 (66)	4.00 (39)	9.45 (77)
Median	17.12	-9.54	37.01	-3.26	2.49	11.83

Comparative Performance

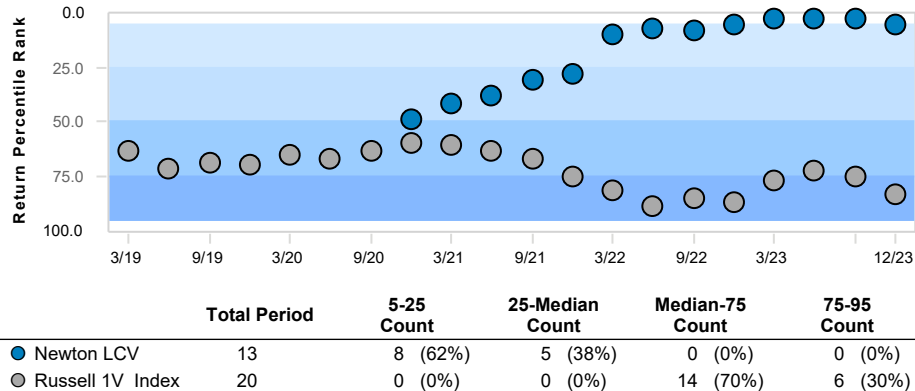
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Newton LCV	0.81 (3)	3.66 (64)	0.10 (69)	15.49 (9)	-3.35 (11)	-10.09 (31)
Russell 1000 Value Index	-3.16 (79)	4.07 (54)	1.01 (50)	12.42 (55)	-5.62 (50)	-12.21 (62)
IM U.S. Large Cap Value Equity (SA+CF) Median	-2.18	4.30	0.97	12.68	-5.64	-11.50



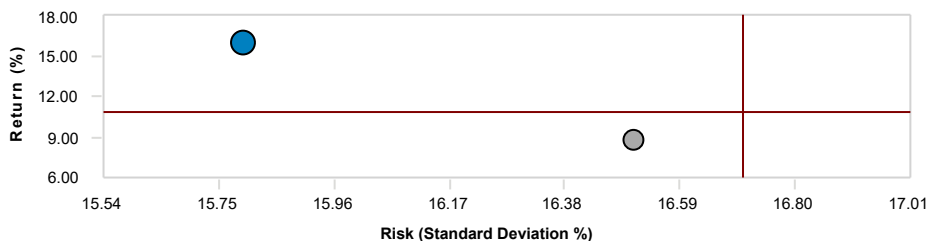
3 Yr Rolling Under/Over Performance - 5 Years



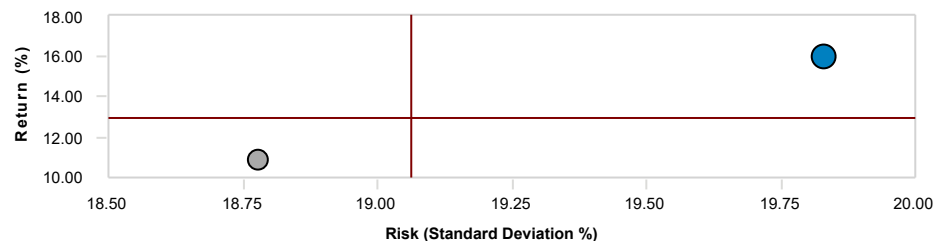
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

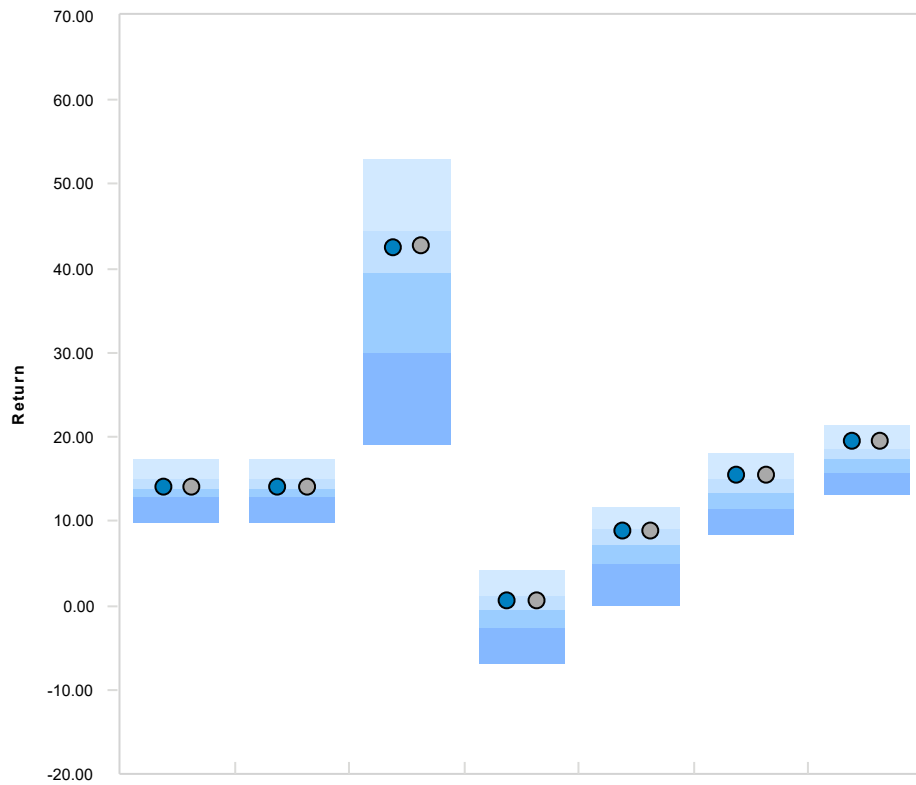
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Newton LCV	4.07	103.96	74.67	7.26	1.55	0.89	0.93	8.70
Russell 1V Index	0.00	100.00	100.00	0.00	N/A	0.47	1.00	10.10

Historical Statistics - 5 Years

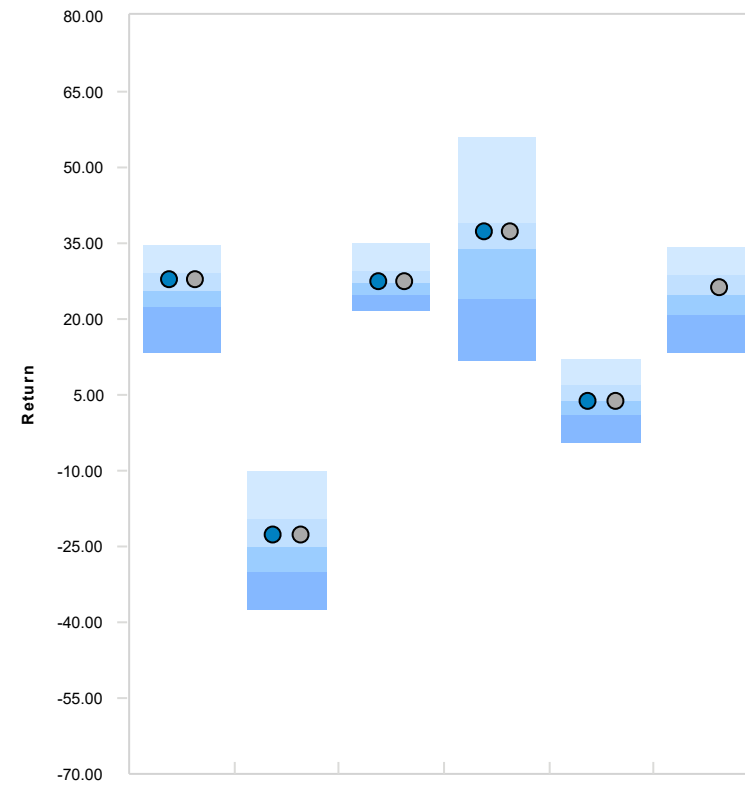
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Newton LCV	4.17	107.66	89.12	4.45	1.14	0.76	1.03	12.96
Russell 1V Index	0.00	100.00	100.00	0.00	N/A	0.55	1.00	12.28



Peer Group Analysis - IM U.S. Large Cap Growth Equity (SA+CF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Rhumblin R1000G	14.16 (44)	14.16 (44)	42.63 (32)	0.56 (33)	8.87 (30)	15.63 (18)	19.50 (16)
● Russell 1000 Growth	14.16 (44)	14.16 (44)	42.68 (32)	0.55 (33)	8.86 (30)	15.61 (18)	19.50 (16)
Median	13.89	13.89	39.45	-0.51	7.20	13.36	17.31



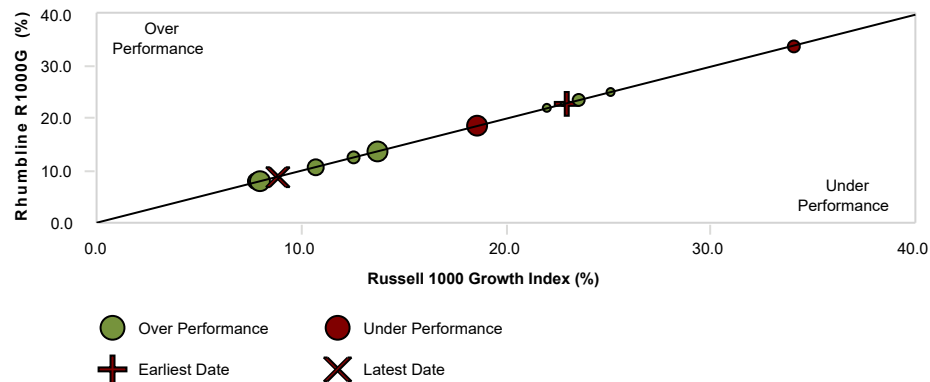
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Rhumblin R1000G	27.70 (39)	22.55 (40)	27.31 (49)	37.56 (31)	3.70 (52)	N/A
● Russell 1000 Growth	27.72 (39)	22.59 (40)	27.32 (49)	37.53 (31)	3.71 (51)	26.30 (39)
Median	25.72	25.12	27.23	33.81	3.80	24.84

Comparative Performance

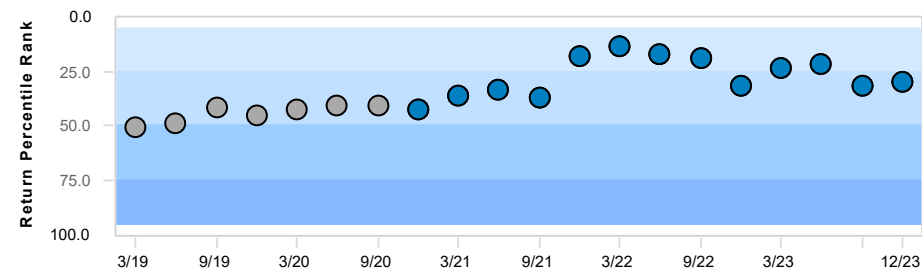
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Rhumblin R1000G	-3.13 (43)	12.81 (36)	14.33 (31)	2.21 (71)	-3.60 (37)	-20.90 (56)
Russell 1000 Growth Index	-3.13 (44)	12.81 (36)	14.37 (30)	2.20 (71)	-3.60 (37)	-20.92 (56)
IM U.S. Large Cap Growth Equity (SA+CF) Median	-3.32	11.73	12.78	3.89	-4.14	-20.29



3 Yr Rolling Under/Over Performance - 5 Years

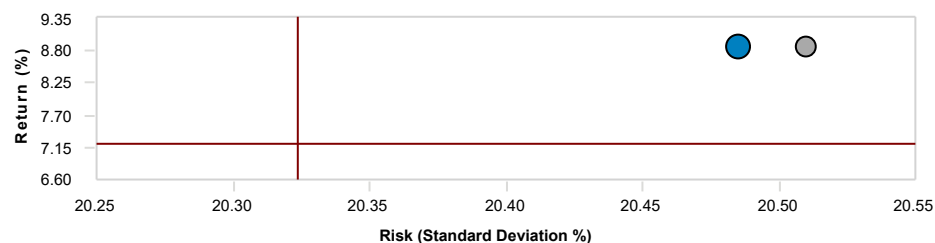


3 Yr Rolling Percentile Ranking - 5 Years



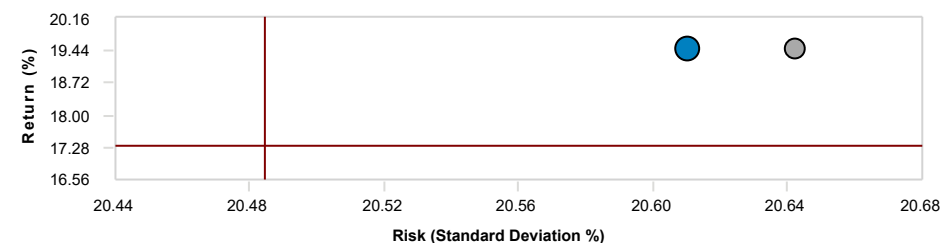
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Rhumbline R1000G	13	6 (46%)	7 (54%)	0 (0%)	0 (0%)
● Russell 1000 Growth	20	6 (30%)	13 (65%)	1 (5%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Rhumbline R1000G	8.87	20.48
● Russell 1000 Growth	8.86	20.51
— Median	7.20	20.32

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Rhumbline R1000G	19.50	20.61
● Russell 1000 Growth	19.50	20.64
— Median	17.31	20.48

Historical Statistics - 3 Years

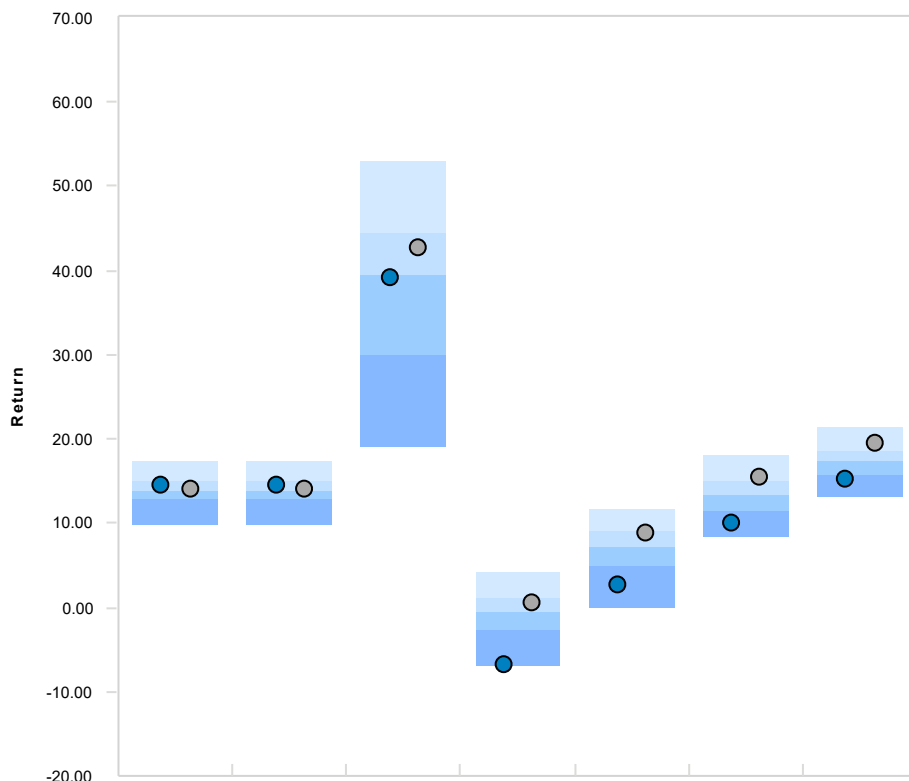
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rhumbline R1000G	0.03	99.91	99.87	0.01	0.00	0.42	1.00	13.50
Russell 1000 Growth	0.00	100.00	100.00	0.00	N/A	0.42	1.00	13.52

Historical Statistics - 5 Years

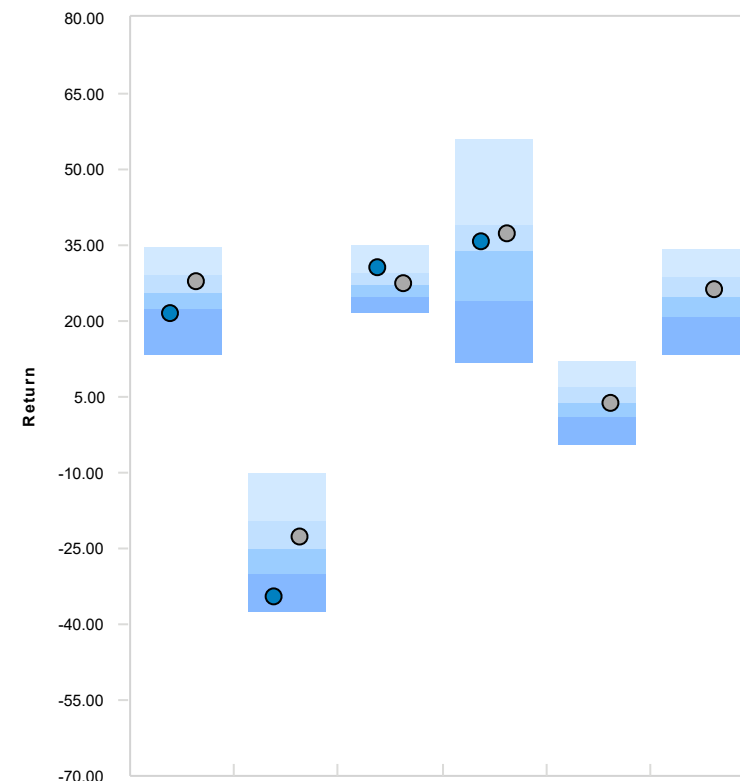
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Rhumbline R1000G	0.04	99.90	99.82	0.03	-0.07	0.88	1.00	12.35
Russell 1000 Growth	0.00	100.00	100.00	0.00	N/A	0.88	1.00	12.37



Peer Group Analysis - IM U.S. Large Cap Growth Equity (SA+CF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Polen Capital LCG	14.58 (33)	14.58 (33)	39.10 (52)	-6.73 (95)	2.78 (89)	10.05 (88)	15.36 (80)
● Russell 1000 Growth I	14.16 (44)	14.16 (44)	42.68 (32)	0.55 (33)	8.86 (30)	15.61 (18)	19.50 (16)
Median	13.89	13.89	39.45	-0.51	7.20	13.36	17.31



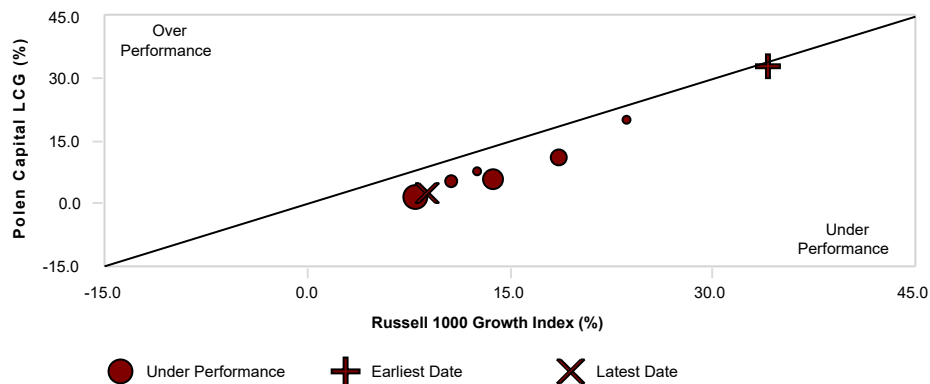
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Polen Capital LCG	21.73 (77)	34.35 (91)	30.61 (20)	35.93 (38)	N/A	N/A
● Russell 1000 Growth I	27.72 (39)	22.59 (40)	27.32 (49)	37.53 (31)	3.71 (51)	26.30 (39)
Median	25.72	25.12	27.23	33.81	3.80	24.84

Comparative Performance

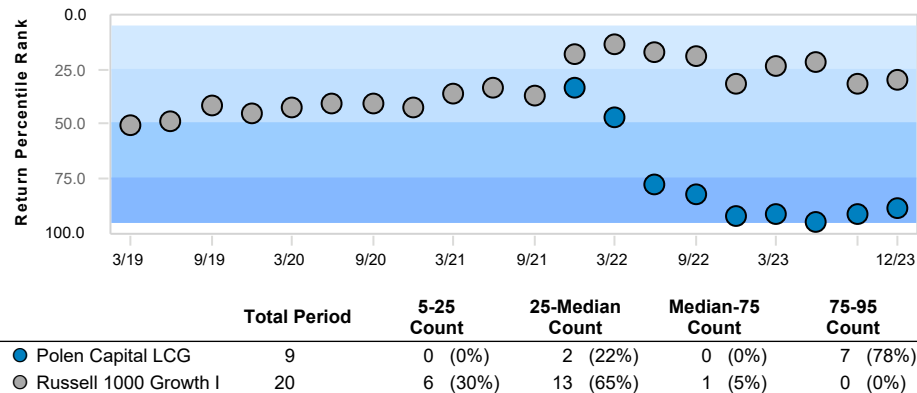
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Polen Capital LCG	-3.34 (52)	10.08 (67)	14.09 (34)	0.27 (86)	-5.62 (85)	-23.71 (83)
Russell 1000 Growth Index	-3.13 (44)	12.81 (36)	14.37 (30)	2.20 (71)	-3.60 (37)	-20.92 (56)
IM U.S. Large Cap Growth Equity (SA+CF) Median	-3.32	11.73	12.78	3.89	-4.14	-20.29



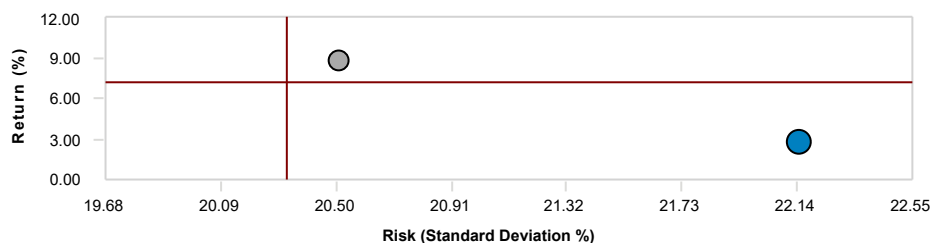
3 Yr Rolling Under/Over Performance - 5 Years



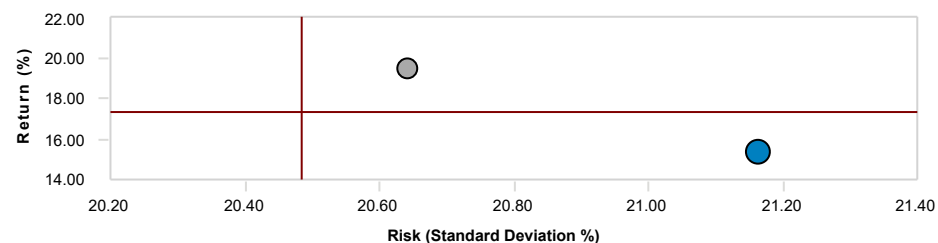
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

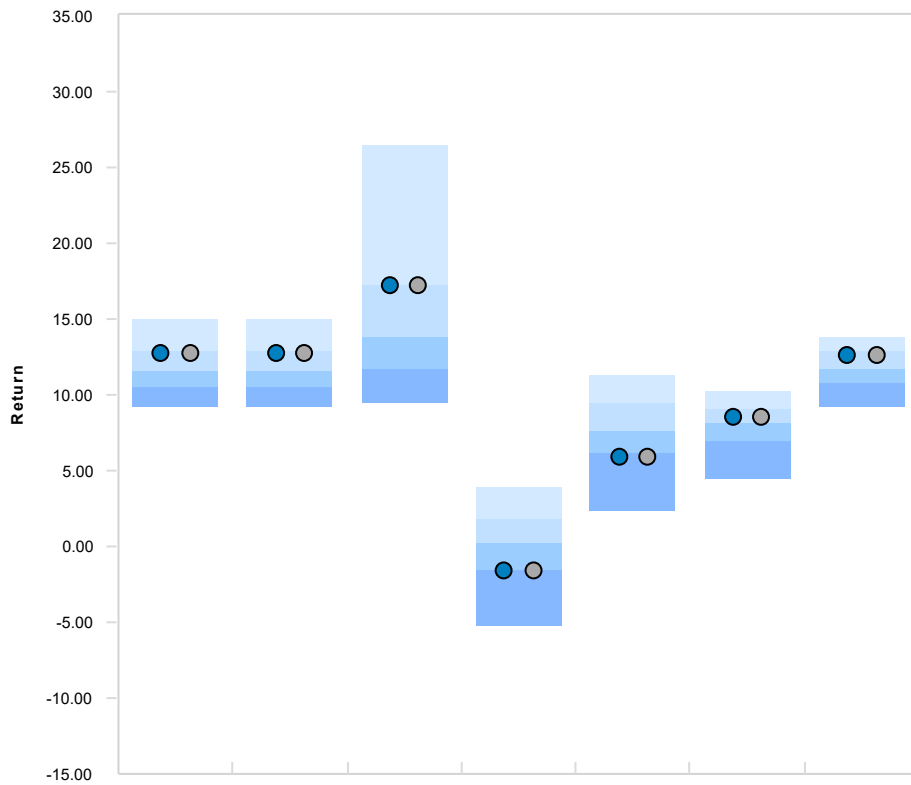
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Polen Capital LCG	5.54	93.31	112.45	-5.76	-0.98	0.14	1.05	15.36
Russell 1000 Growth I	0.00	100.00	100.00	0.00	N/A	0.42	1.00	13.52

Historical Statistics - 5 Years

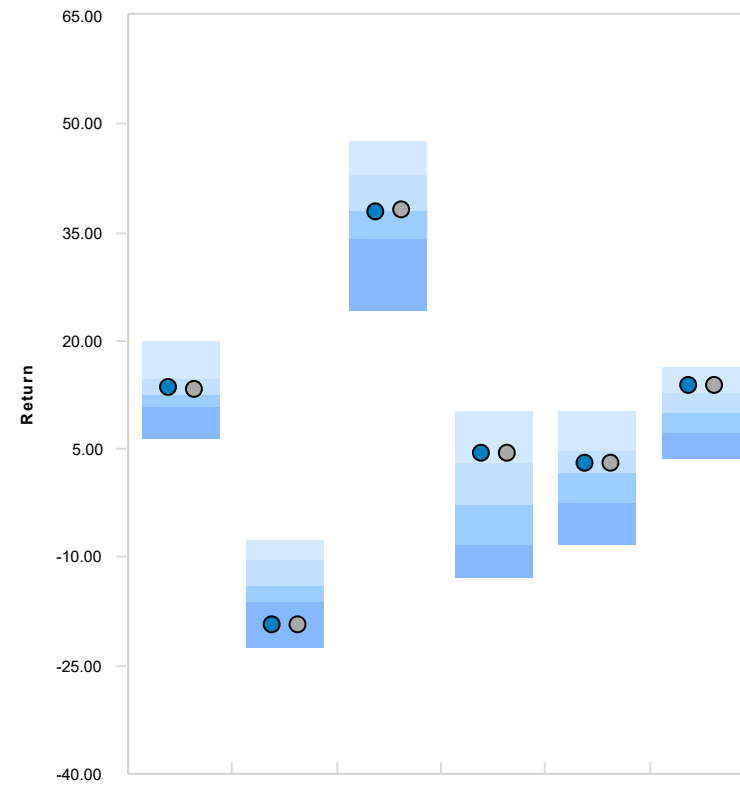
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Polen Capital LCG	5.02	93.33	103.34	-3.32	-0.69	0.70	1.00	13.30
Russell 1000 Growth I	0.00	100.00	100.00	0.00	N/A	0.88	1.00	12.37



Peer Group Analysis - IM U.S. Mid Cap Core Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Fidelity Mid (FSMDX)	12.79 (27)	12.79 (27)	17.21 (25)	-1.53 (76)	5.92 (79)	8.61 (37)	12.68 (28)
● Russell Midcap Index	12.82 (26)	12.82 (26)	17.23 (25)	-1.55 (77)	5.92 (79)	8.61 (37)	12.68 (28)
Median	11.54	11.54	13.86	0.23	7.63	8.20	11.70



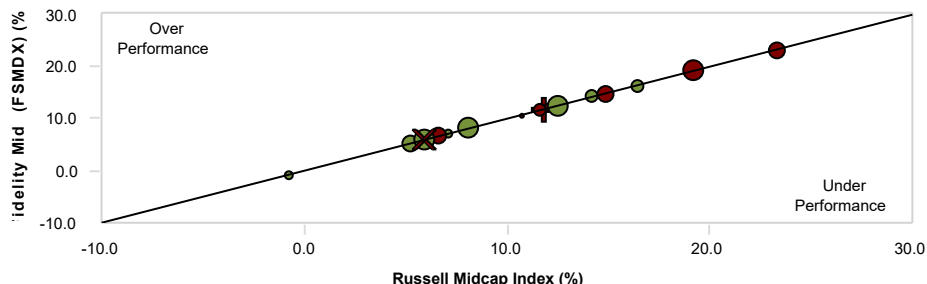
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Fidelity Mid (FSMDX)	13.50 (38)	19.38 (90)	38.06 (49)	4.58 (16)	3.23 (36)	13.93 (20)
● Russell Midcap Index	13.45 (40)	19.39 (90)	38.11 (47)	4.55 (17)	3.19 (37)	13.98 (19)
Median	12.46	14.07	37.86	-2.64	1.86	9.96

Comparative Performance

	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Fidelity Mid (FSMDX)	-4.65 (63)	4.75 (42)	4.05 (28)	9.21 (59)	-3.42 (31)	-16.85 (91)
Russell Midcap Index	-4.68 (64)	4.76 (42)	4.06 (27)	9.18 (60)	-3.44 (32)	-16.85 (91)
IM U.S. Mid Cap Core Equity (MF) Median	-4.22	4.64	2.27	9.65	-4.33	-13.63

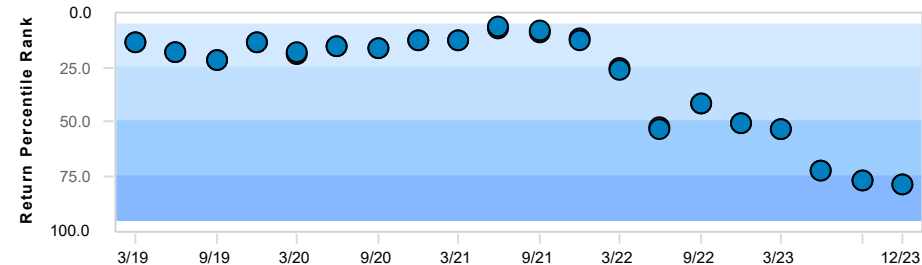


3 Yr Rolling Under/Over Performance - 5 Years



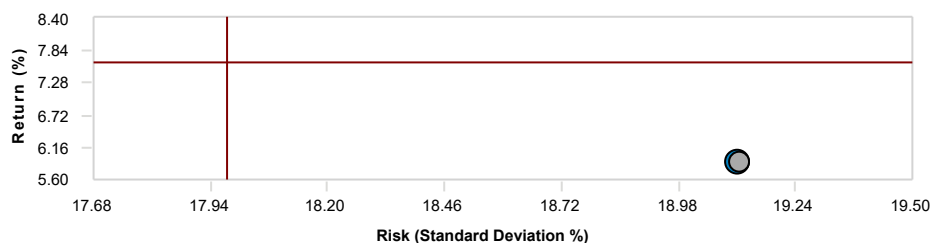
- Over Performance
- Under Performance
- + Earliest Date
- + Latest Date

3 Yr Rolling Percentile Ranking - 5 Years



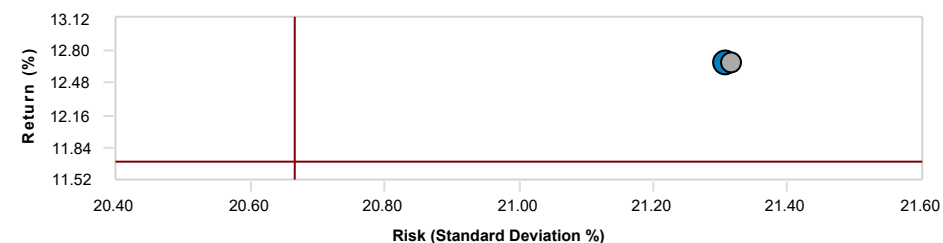
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Fidelity Mid (FSMDX)	20	12 (60%)	2 (10%)	4 (20%)	2 (10%)
● Russell Midcap Index	20	13 (65%)	1 (5%)	4 (20%)	2 (10%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Fidelity Mid (FSMDX)	5.92	19.11
● Russell Midcap Index	5.92	19.11
— Median	7.63	17.98

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Fidelity Mid (FSMDX)	12.68	21.31
● Russell Midcap Index	12.68	21.32
— Median	11.70	20.67

Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Mid (FSMDX)	0.05	99.95	99.93	0.00	0.05	0.29	1.00	12.19
Russell Midcap Index	0.00	100.00	100.00	0.00	N/A	0.29	1.00	12.20

Historical Statistics - 5 Years

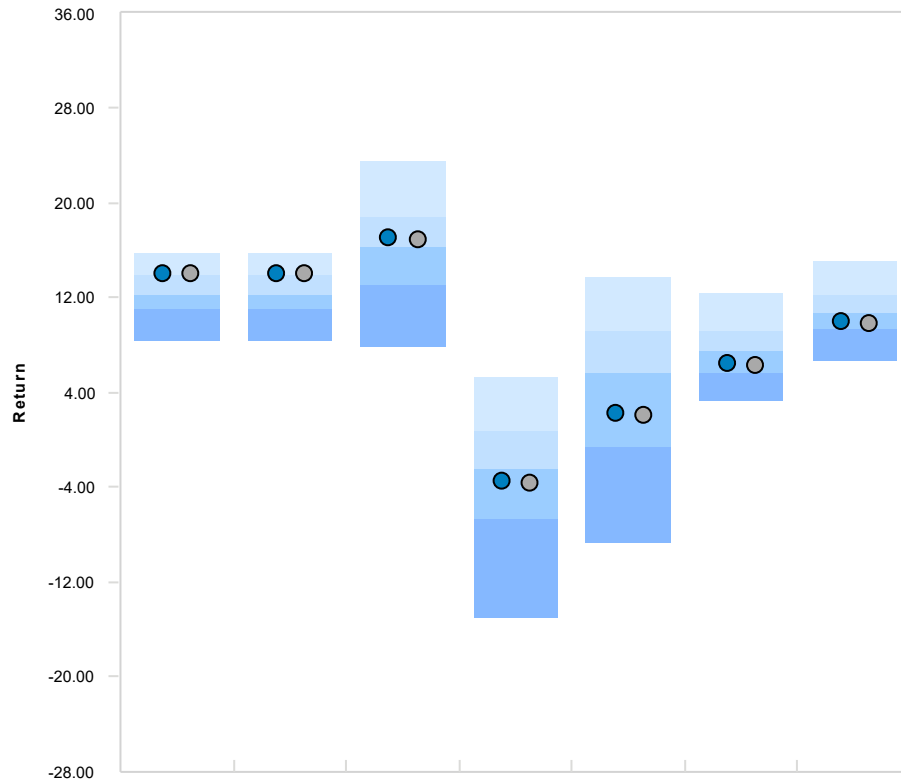
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Mid (FSMDX)	0.06	99.92	99.89	0.00	-0.06	0.58	1.00	13.79
Russell Midcap Index	0.00	100.00	100.00	0.00	N/A	0.58	1.00	13.80



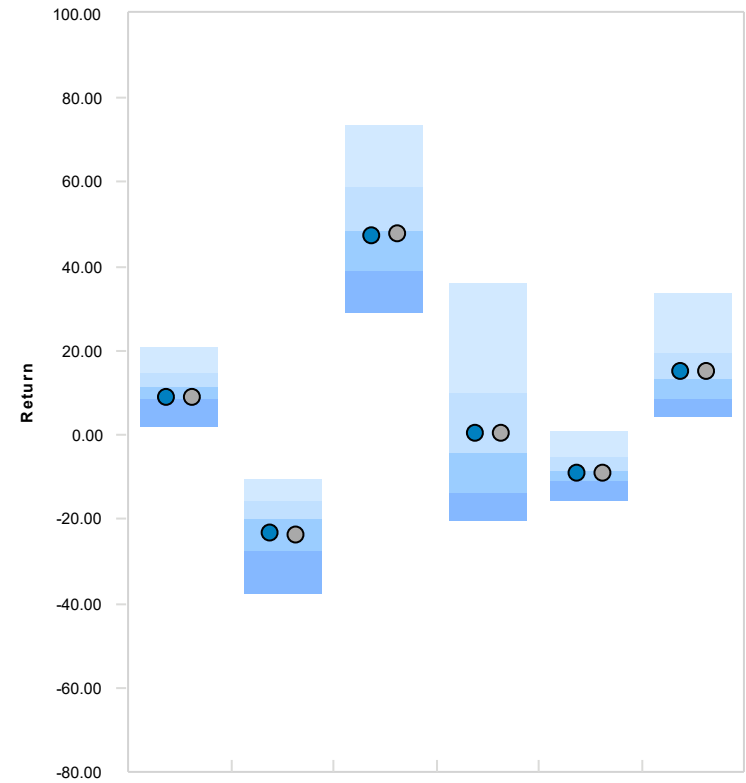
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Peer Group Analysis - IM U.S. Small Cap Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Fidelity Small (FSSNX)	14.05 (23)	14.05 (23)	17.12 (41)	-3.37 (57)	2.32 (65)	6.48 (64)	10.07 (65)
● Russell 2000 Index	14.03 (23)	14.03 (23)	16.93 (43)	-3.55 (59)	2.22 (66)	6.40 (65)	9.97 (67)
Median	12.21	12.21	16.28	-2.44	5.75	7.54	10.82



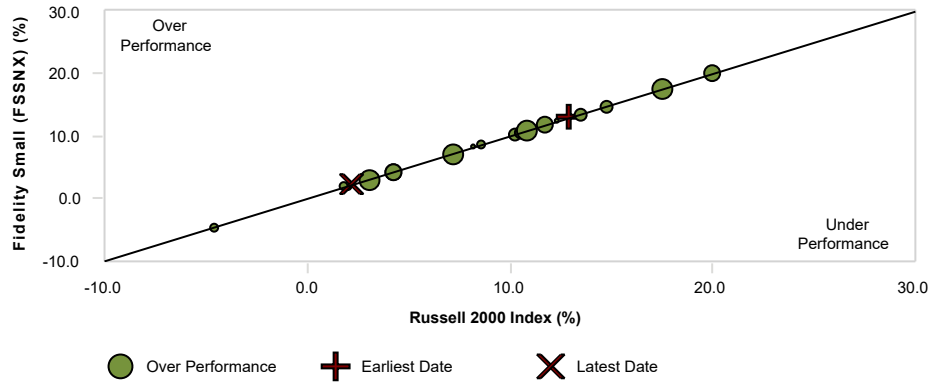
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Fidelity Small (FSSNX)	9.11 (71)	23.39 (64)	47.50 (54)	0.55 (40)	-8.79 (55)	15.42 (39)
● Russell 2000 Index	8.93 (73)	23.50 (65)	47.68 (53)	0.39 (40)	-8.89 (57)	15.24 (41)
Median	11.27	19.95	48.49	-4.24	-8.26	13.44

Comparative Performance

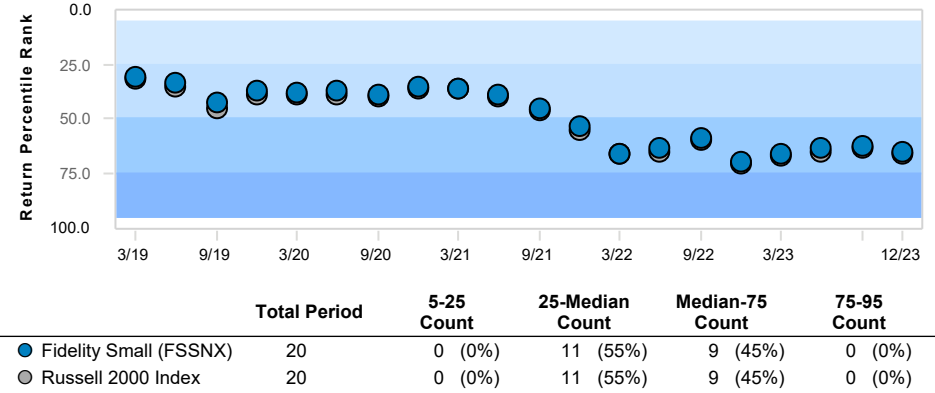
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Fidelity Small (FSSNX)	-5.09 (61)	5.24 (32)	2.81 (57)	6.25 (70)	-2.08 (30)	-17.18 (66)
Russell 2000 Index	-5.13 (62)	5.21 (33)	2.74 (59)	6.23 (71)	-2.19 (32)	-17.20 (66)
IM U.S. Small Cap Equity (MF) Median	-4.62	4.29	3.29	8.76	-3.47	-15.53



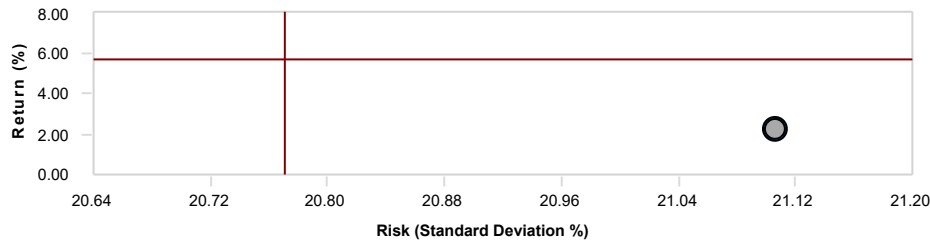
3 Yr Rolling Under/Over Performance - 5 Years



3 Yr Rolling Percentile Ranking - 5 Years

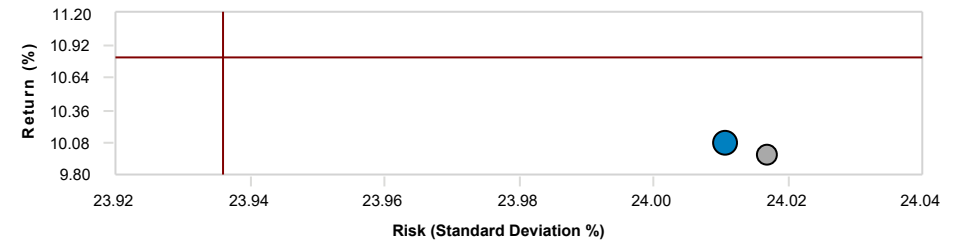


Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Fidelity Small (FSSNX)	2.32	21.11
Russell 2000 Index	2.22	21.11
Median	5.75	20.77

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Fidelity Small (FSSNX)	10.07	24.01
Russell 2000 Index	9.97	24.02
Median	10.82	23.94

Historical Statistics - 3 Years

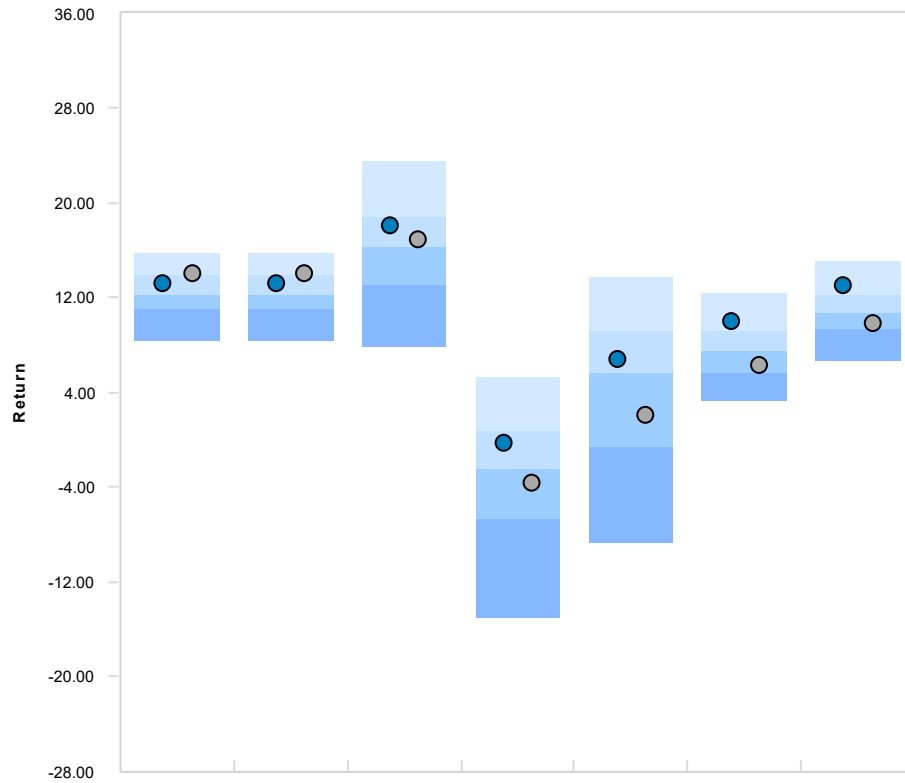
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Small (FSSNX)	0.10	100.13	99.81	0.09	0.97	0.11	1.00	13.78
Russell 2000 Index	0.00	100.00	100.00	0.00	N/A	0.11	1.00	13.81

Historical Statistics - 5 Years

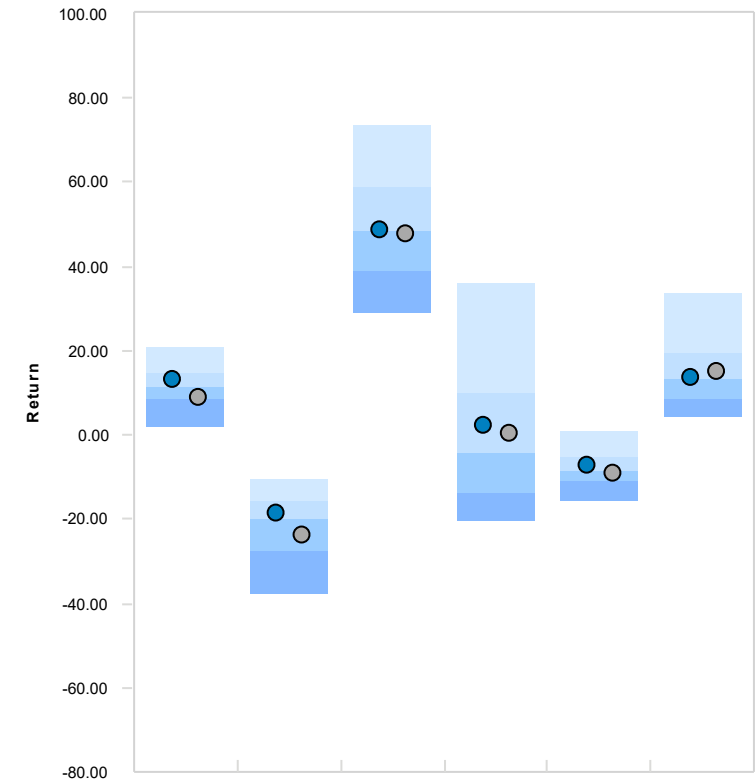
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Small (FSSNX)	0.09	100.12	99.85	0.09	0.97	0.44	1.00	15.64
Russell 2000 Index	0.00	100.00	100.00	0.00	N/A	0.44	1.00	15.65



Peer Group Analysis - IM U.S. Small Cap Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● MassMutual (MSOXX)	13.19 (34)	13.19 (34)	18.11 (31)	-0.26 (33)	6.79 (43)	10.04 (16)	13.12 (16)
● Russell 2000 Index	14.03 (23)	14.03 (23)	16.93 (43)	-3.55 (59)	2.22 (66)	6.40 (65)	9.97 (67)
Median	12.21	12.21	16.28	-2.44	5.75	7.54	10.82



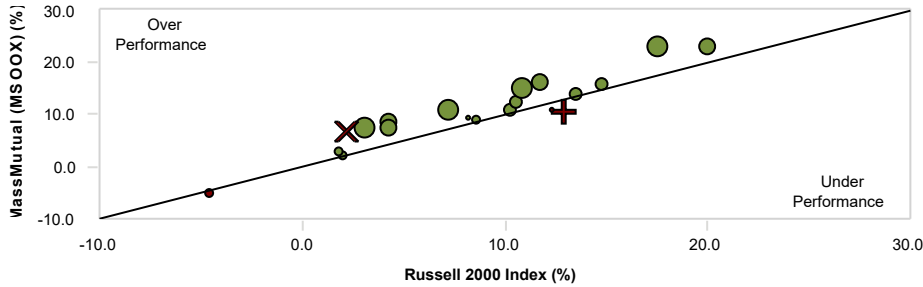
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● MassMutual (MSOXX)	13.14 (39)	18.57 (41)	48.95 (48)	2.62 (35)	-7.01 (41)	13.93 (48)
● Russell 2000 Index	8.93 (73)	23.50 (65)	47.68 (53)	0.39 (40)	-8.89 (57)	15.24 (41)
Median	11.27	19.95	48.49	-4.24	-8.26	13.44

Comparative Performance

	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
MassMutual (MSOXX)	-4.63 (51)	5.52 (28)	3.69 (44)	8.43 (54)	-2.74 (40)	-15.21 (46)
Russell 2000 Index	-5.13 (62)	5.21 (33)	2.74 (59)	6.23 (71)	-2.19 (32)	-17.20 (66)
IM U.S. Small Cap Equity (MF) Median	-4.62	4.29	3.29	8.76	-3.47	-15.53

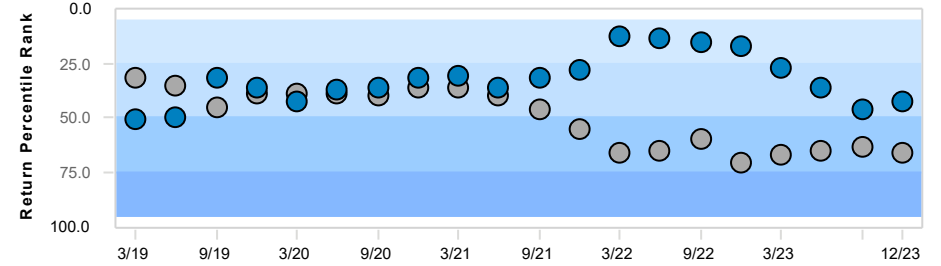


3 Yr Rolling Under/Over Performance - 5 Years



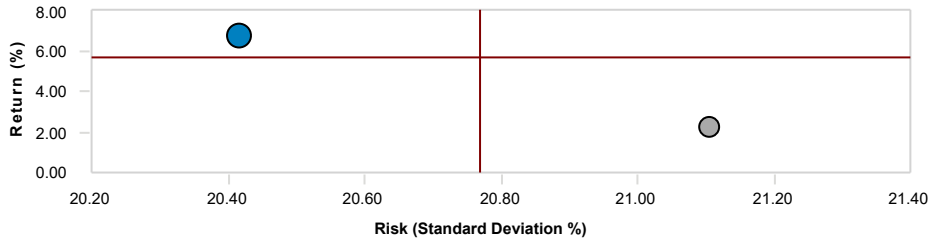
- Over Performance
- Under Performance
- + Earliest Date
- + Latest Date

3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● MassMutual (MSOXX)	20	4 (20%)	15 (75%)	1 (5%)	0 (0%)
● Russell 2000 Index	20	0 (0%)	11 (55%)	9 (45%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● MassMutual (MSOXX)	6.79	20.42
● Russell 2000 Index	2.22	21.11
— Median	5.75	20.77

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● MassMutual (MSOXX)	13.12	23.53
● Russell 2000 Index	9.97	24.02
— Median	10.82	23.94

Historical Statistics - 3 Years

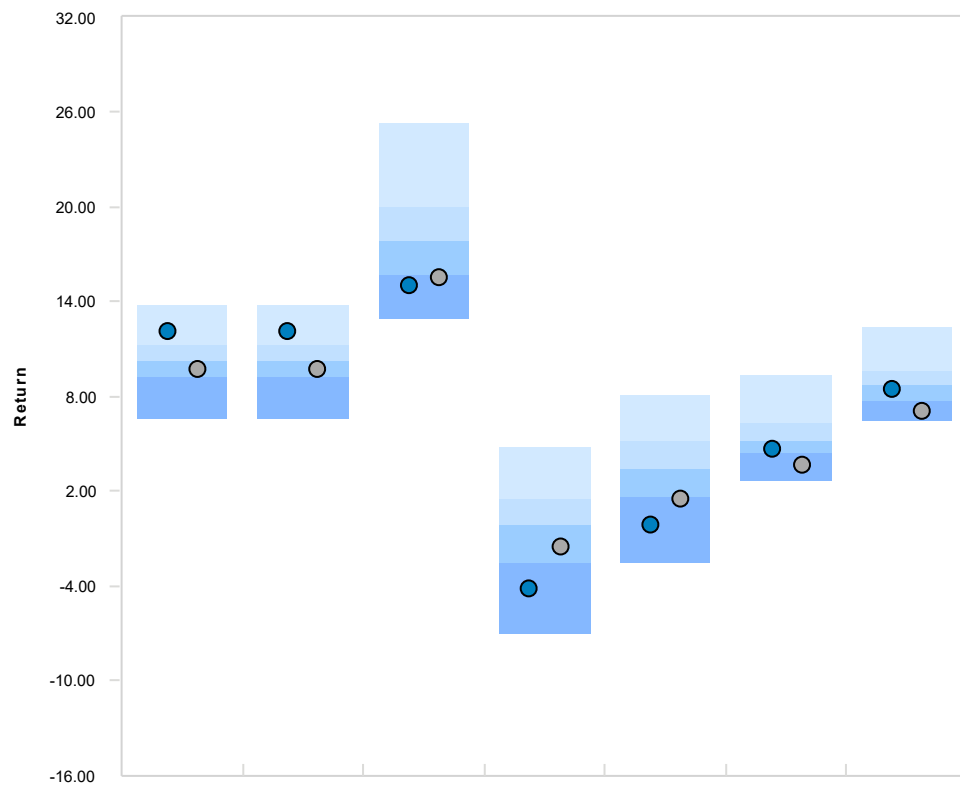
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MassMutual (MSOXX)	4.68	103.80	89.19	4.58	0.91	0.32	0.94	12.48
Russell 2000 Index	0.00	100.00	100.00	0.00	N/A	0.11	1.00	13.81

Historical Statistics - 5 Years

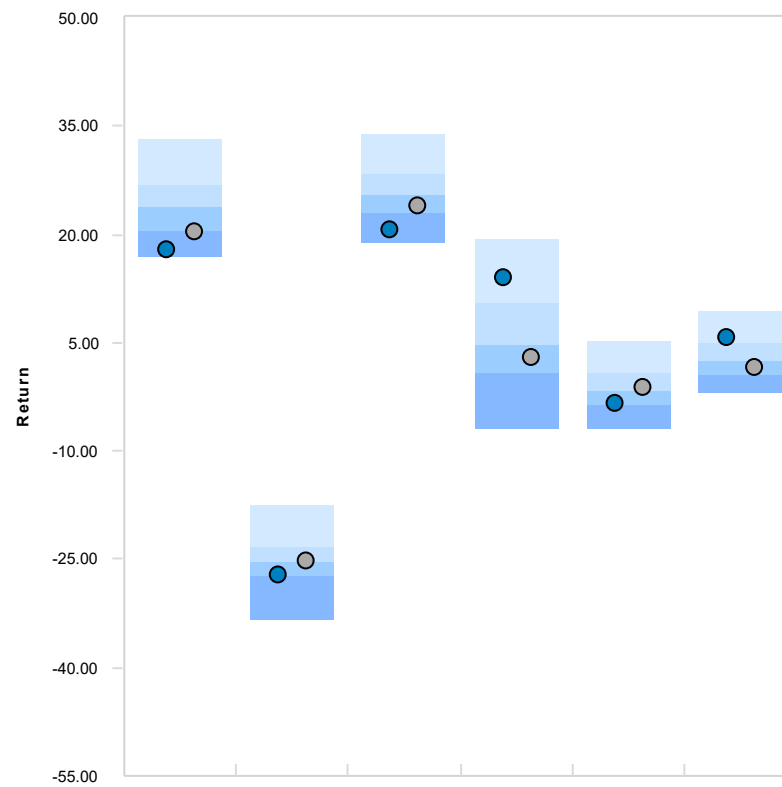
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
MassMutual (MSOXX)	4.50	101.48	92.05	3.25	0.61	0.56	0.96	14.99
Russell 2000 Index	0.00	100.00	100.00	0.00	N/A	0.44	1.00	15.65



Peer Group Analysis - IM International Large Cap Core Equity (SA+CF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Int'l Equity	12.15 (14)	12.15 (14)	15.12 (83)	-4.13 (88)	-0.05 (89)	4.71 (68)	8.53 (60)
● Total Int'l Policy	9.75 (64)	9.75 (64)	15.62 (77)	-1.45 (65)	1.55 (77)	3.75 (86)	7.08 (91)
Median	10.21	10.21	17.90	-0.05	3.50	5.17	8.79



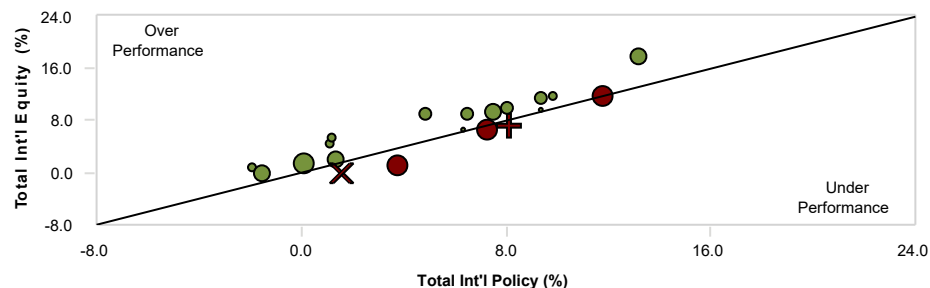
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Total Int'l Equity	17.82 (94)	-27.22 (75)	20.58 (89)	14.11 (13)	-3.34 (74)	5.85 (15)
● Total Int'l Policy	20.39 (77)	-25.17 (49)	23.92 (68)	3.00 (62)	-1.23 (47)	1.76 (61)
Median	23.73	-25.44	25.33	4.65	-1.57	2.53

Comparative Performance

	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Total Int'l Equity	-7.58 (92)	3.05 (62)	7.77 (59)	14.78 (67)	-8.29 (23)	-14.80 (58)
Total Int'l Policy	-3.77 (46)	2.44 (78)	6.87 (78)	14.28 (77)	-9.91 (70)	-13.73 (39)
IM International Large Cap Core Equity (SA+CF) Median	-4.09	3.28	8.11	15.56	-9.32	-14.32

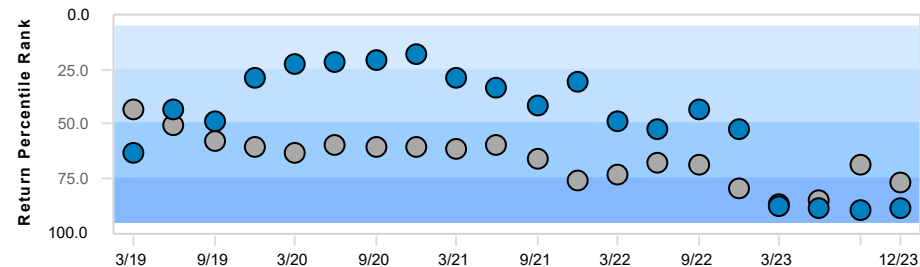


3 Yr Rolling Under/Over Performance - 5 Years



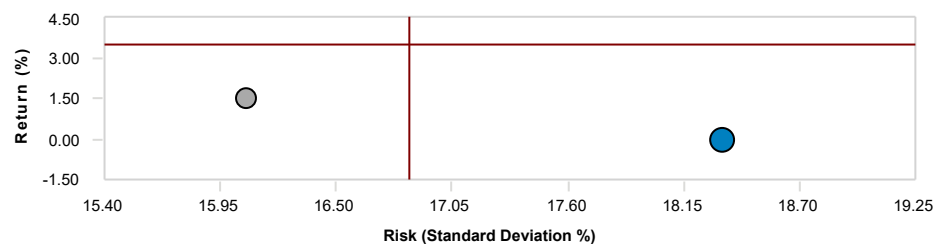
- Over Performance
- Under Performance
- + Earliest Date
- X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years



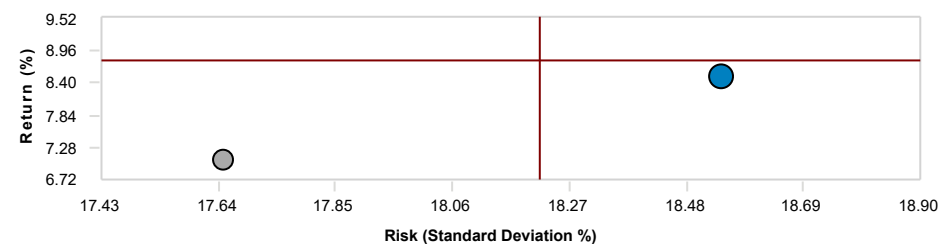
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Total Int'l Equity	20	4 (20%)	9 (45%)	3 (15%)	4 (20%)
● Total Int'l Policy	20	0 (0%)	1 (5%)	14 (70%)	5 (25%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Total Int'l Equity	-0.05	18.33
● Total Int'l Policy	1.55	16.07
— Median	3.50	16.85

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Total Int'l Equity	8.53	18.54
● Total Int'l Policy	7.08	17.65
— Median	8.79	18.22

Historical Statistics - 3 Years

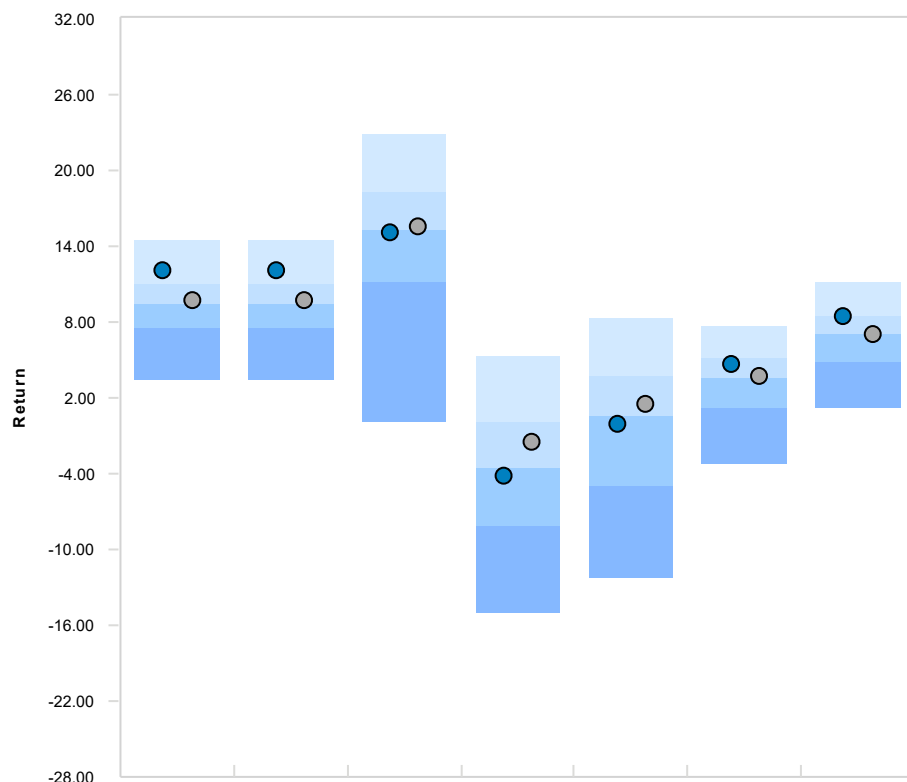
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Int'l Equity	5.60	105.48	111.99	-1.46	-0.22	-0.03	1.09	11.81
Total Int'l Policy	0.00	100.00	100.00	0.00	N/A	0.04	1.00	10.77

Historical Statistics - 5 Years

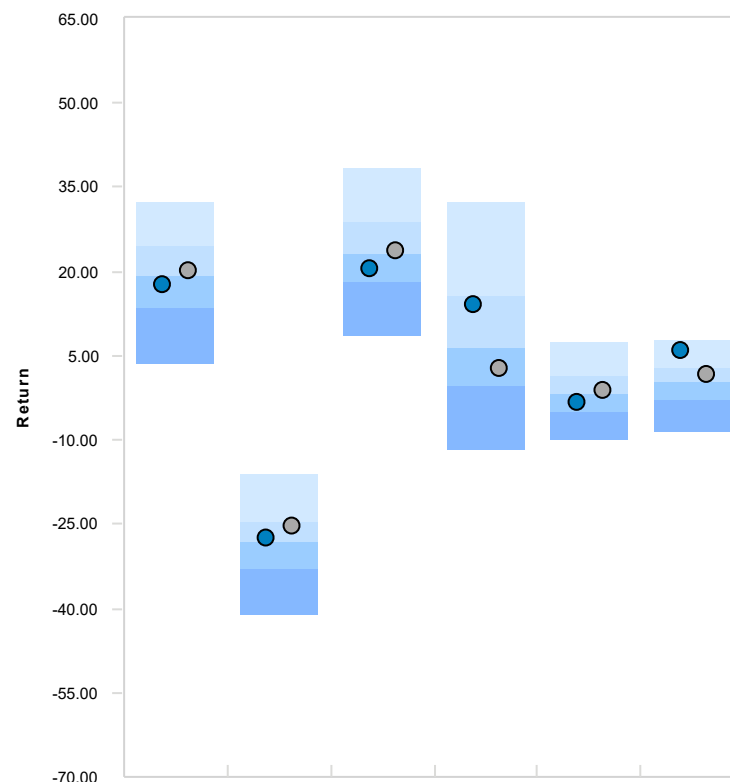
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Int'l Equity	5.22	107.11	102.80	1.43	0.28	0.43	1.01	11.45
Total Int'l Policy	0.00	100.00	100.00	0.00	N/A	0.37	1.00	11.65



Peer Group Analysis - IM International Equity (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Harding Loevner Intl	12.15 (15)	12.15 (15)	15.12 (52)	-4.13 (54)	-0.05 (54)	4.71 (32)	8.53 (26)
○ MSCI ACW x US (Net)	9.75 (46)	9.75 (46)	15.62 (46)	-1.45 (37)	1.55 (43)	3.75 (47)	7.08 (51)
Median	9.38	9.38	15.22	-3.54	0.58	3.54	7.09



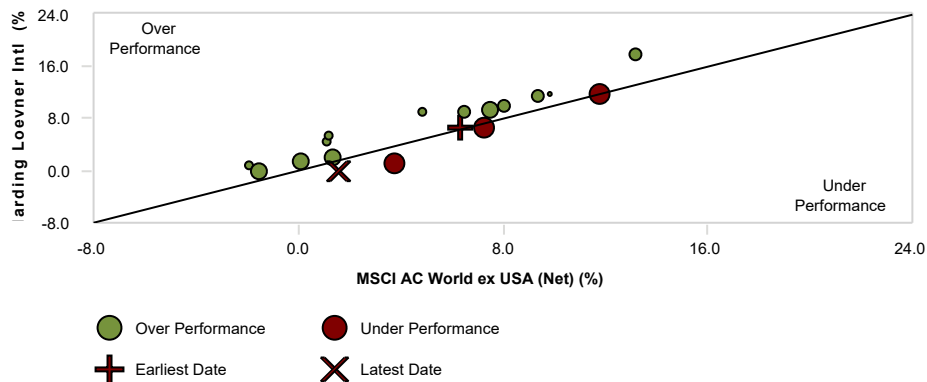
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Harding Loevner Intl	17.81 (58)	27.22 (44)	20.58 (64)	14.11 (29)	-3.34 (62)	5.85 (11)
○ MSCI ACW x US (Net)	20.39 (45)	25.17 (29)	23.92 (47)	3.00 (63)	-1.23 (44)	1.76 (35)
Median	19.12	28.16	23.10	6.54	-1.89	0.18

Comparative Performance

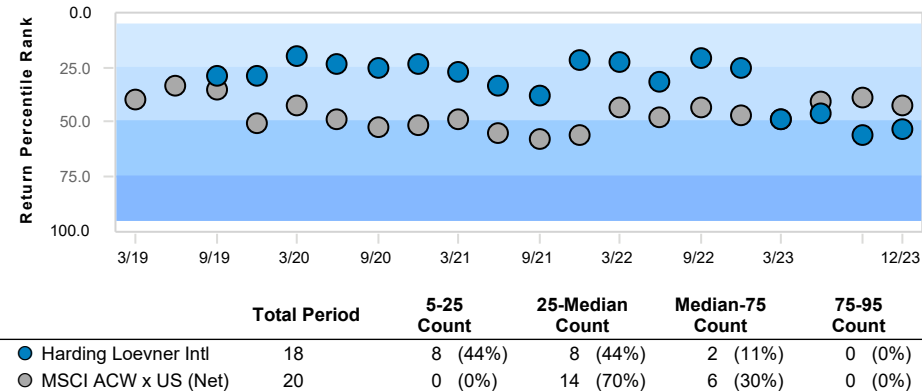
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Harding Loevner Intl	-7.58 (88)	3.05 (35)	7.77 (38)	14.77 (46)	-8.29 (16)	-14.80 (71)
MSCI AC World ex USA (Net)	-3.77 (37)	2.44 (51)	6.87 (51)	14.28 (50)	-9.91 (41)	-13.73 (59)
IM International Equity (MF) Median	-4.52	2.45	6.91	14.28	-10.39	-13.09



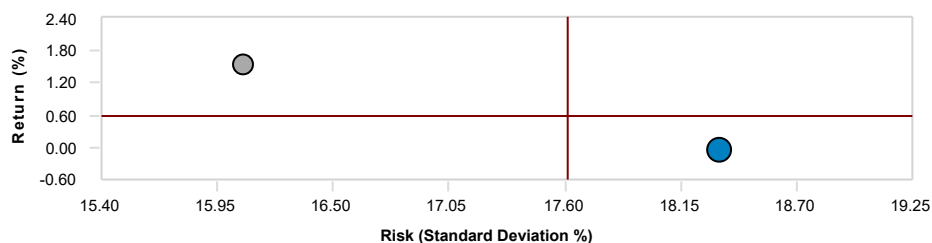
3 Yr Rolling Under/Over Performance - 5 Years



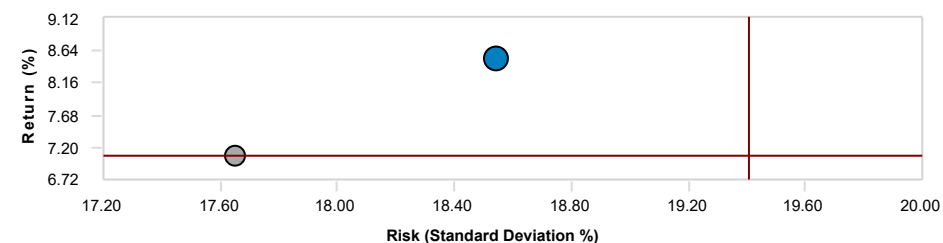
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Harding Loevner Intl	5.60	105.48	111.99	-1.47	-0.22	-0.03	1.09	11.81
MSCI ACW x US (Net)	0.00	100.00	100.00	0.00	N/A	0.04	1.00	10.77

Historical Statistics - 5 Years

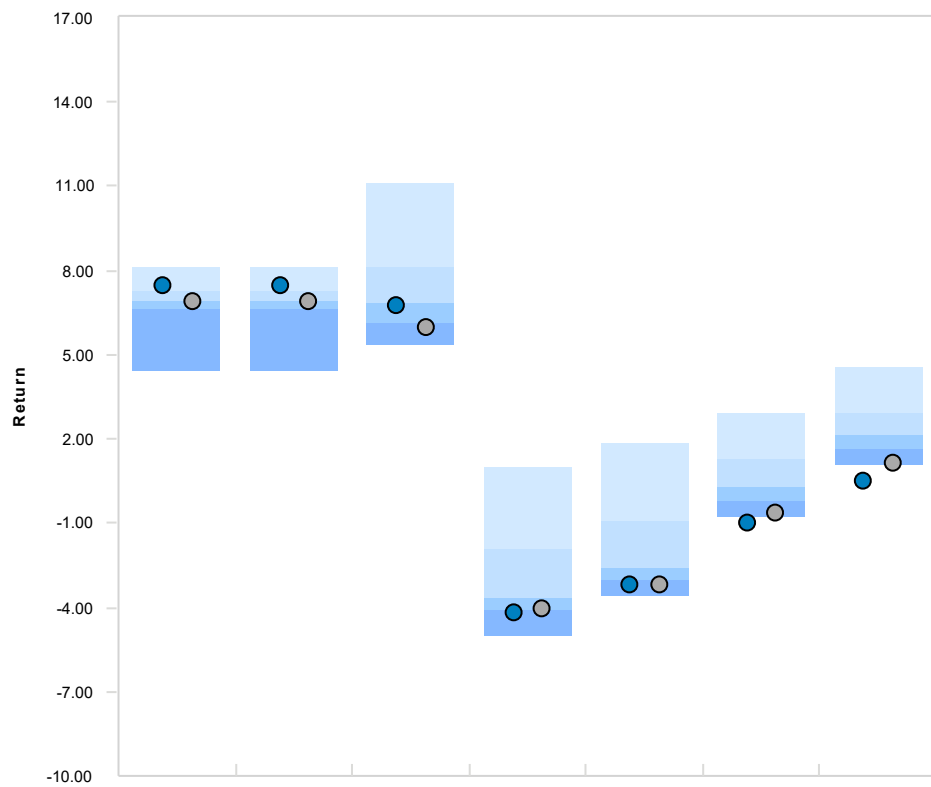
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Harding Loevner Intl	5.22	107.11	102.80	1.43	0.28	0.43	1.01	11.45
MSCI ACW x US (Net)	0.00	100.00	100.00	0.00	N/A	0.37	1.00	11.65



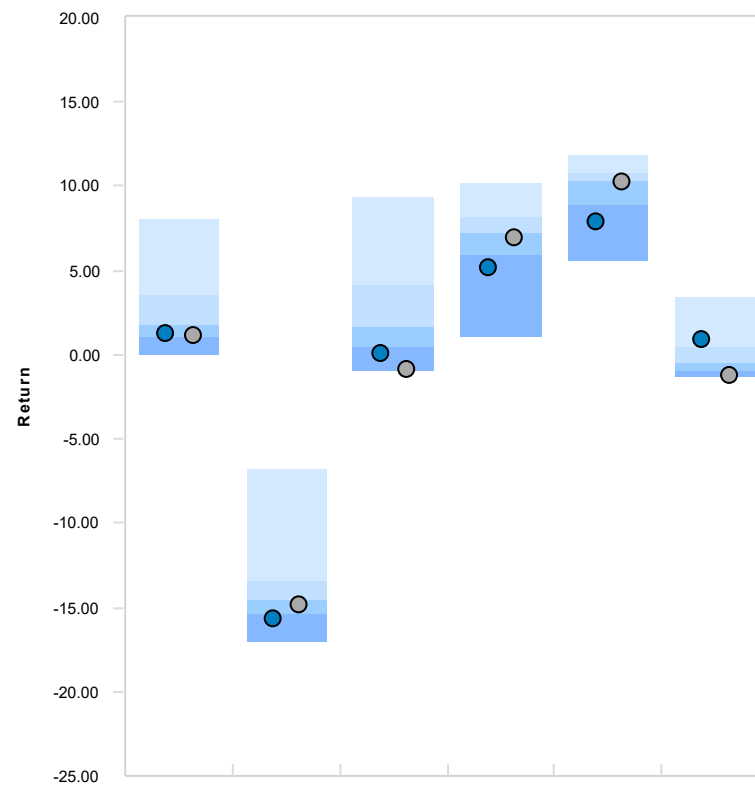
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Peer Group Analysis - IM U.S. Broad Market Fixed Income (SA+CF+MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Fixed Income	7.47 (19)	7.47 (19)	6.80 (53)	-4.15 (78)	-3.21 (82)	-0.95 (98)	0.55 (100)
○ Total Fixed Policy	6.88 (54)	6.88 (54)	5.96 (81)	-4.04 (70)	-3.21 (82)	-0.64 (92)	1.17 (93)
Median	6.93	6.93	6.87	-3.66	-2.62	0.27	2.17



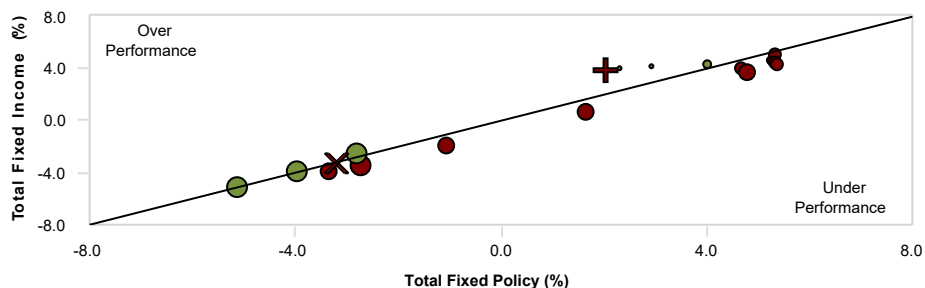
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Total Fixed Income	1.27 (67)	-15.69 (80)	0.15 (81)	5.22 (81)	7.91 (82)	0.99 (20)
○ Total Fixed Policy	1.17 (73)	-14.82 (60)	-0.90 (95)	6.98 (57)	10.30 (51)	-1.22 (89)
Median	1.81	-14.59	1.70	7.19	10.31	-0.45

Comparative Performance

	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Total Fixed Income	-3.11 (75)	-0.54 (54)	3.12 (62)	1.91 (56)	-4.32 (52)	-5.64 (59)
Total Fixed Policy	-3.01 (68)	-0.71 (71)	2.96 (73)	2.04 (49)	-4.65 (74)	-4.96 (33)
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	-2.80	-0.49	3.22	2.00	-4.28	-5.43

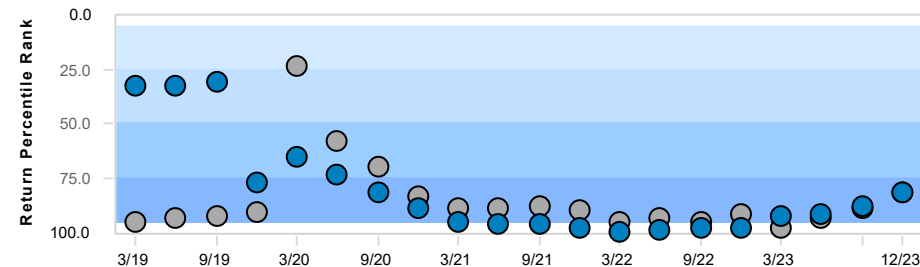


3 Yr Rolling Under/Over Performance - 5 Years



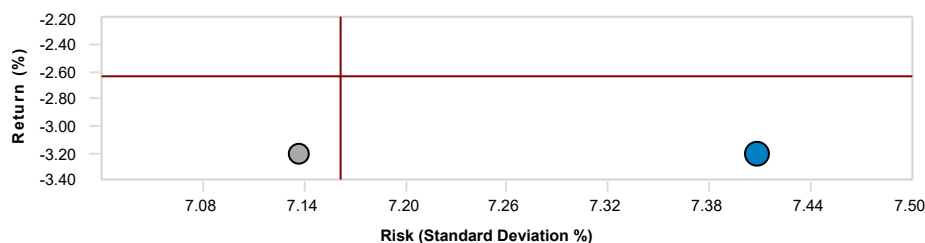
- Over Performance
- Under Performance
- +** Earliest Date
- X** Latest Date

3 Yr Rolling Percentile Ranking - 5 Years



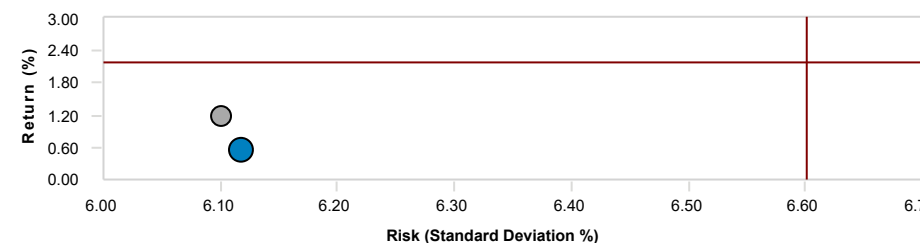
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Total Fixed Income	20	0 (0%)	3 (15%)	2 (10%)	15 (75%)
● Total Fixed Policy	20	1 (5%)	0 (0%)	2 (10%)	17 (85%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Total Fixed Income	-3.21	7.41
● Total Fixed Policy	-3.21	7.14
— Median	-2.62	7.16

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Total Fixed Income	0.55	6.12
● Total Fixed Policy	1.17	6.10
— Median	2.17	6.60

Historical Statistics - 3 Years

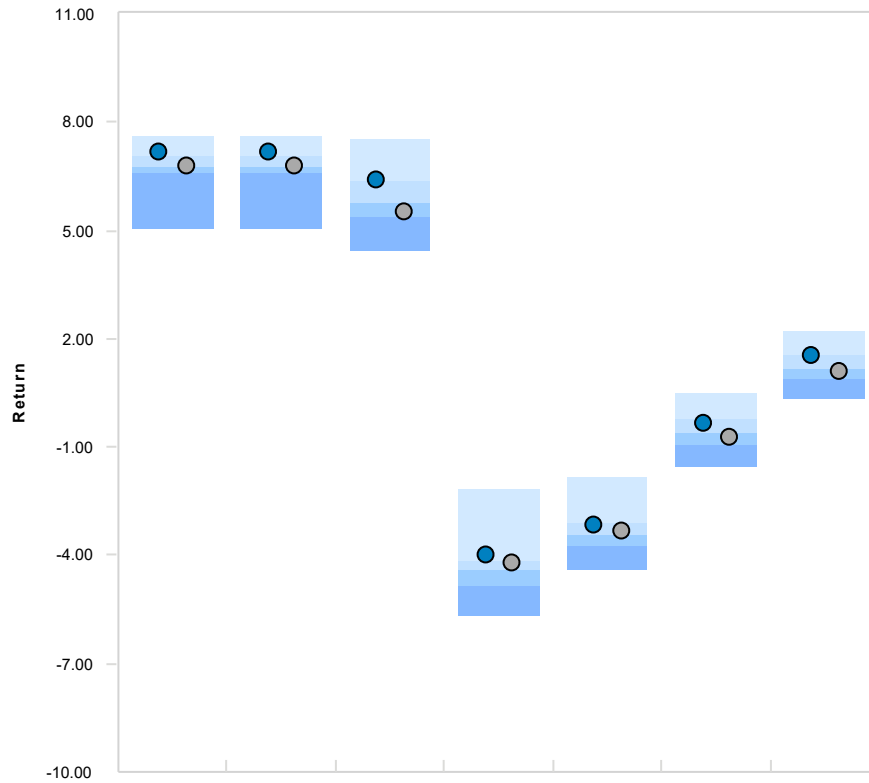
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fixed Income	0.90	100.95	100.46	0.12	0.03	-0.70	1.03	5.33
Total Fixed Policy	0.00	100.00	100.00	0.00	N/A	-0.73	1.00	5.19

Historical Statistics - 5 Years

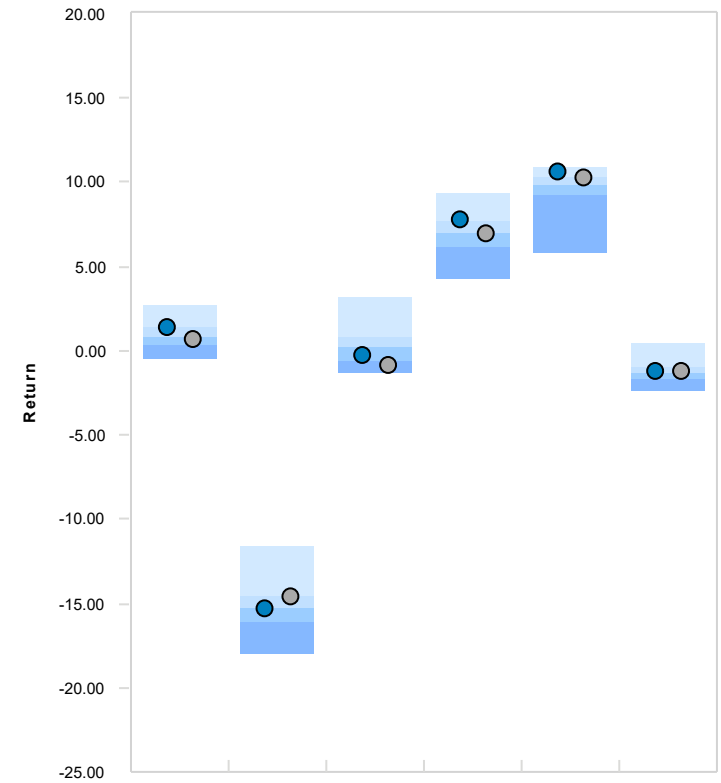
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fixed Income	1.45	91.46	98.33	-0.58	-0.42	-0.19	0.97	4.22
Total Fixed Policy	0.00	100.00	100.00	0.00	N/A	-0.09	1.00	4.05



Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Baird Agg Bd;Inst (BAGIX)	7.20 (18)	7.20 (18)	6.43 (23)	-3.97 (18)	-3.14 (28)	-0.32 (28)	1.56 (26)
● Blmbg. U.S. Agg Index	6.82 (46)	6.82 (46)	5.53 (65)	-4.19 (32)	-3.31 (38)	-0.72 (59)	1.10 (58)
Median	6.77	6.77	5.77	-4.43	-3.44	-0.60	1.19



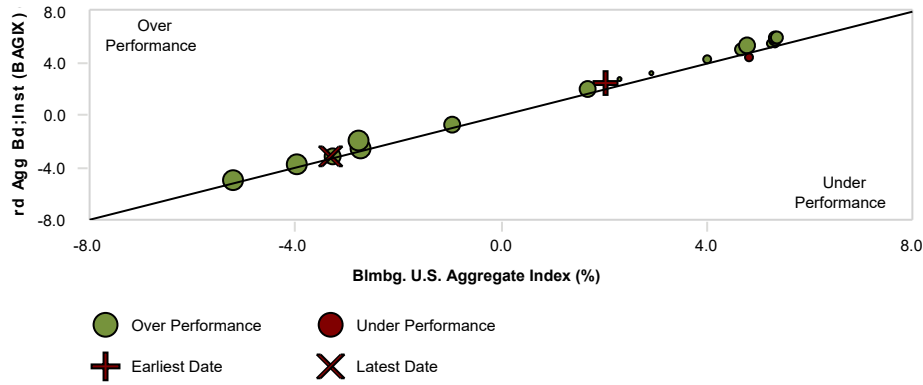
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Baird Agg Bd;Inst (BAGIX)	1.41 (24)	15.26 (50)	-0.31 (65)	7.80 (21)	10.69 (8)	-1.24 (44)
● Blmbg. U.S. Agg Index	0.64 (57)	14.60 (24)	-0.90 (84)	6.98 (49)	10.30 (24)	-1.22 (42)
Median	0.77	15.29	0.17	6.94	9.78	-1.32

Comparative Performance

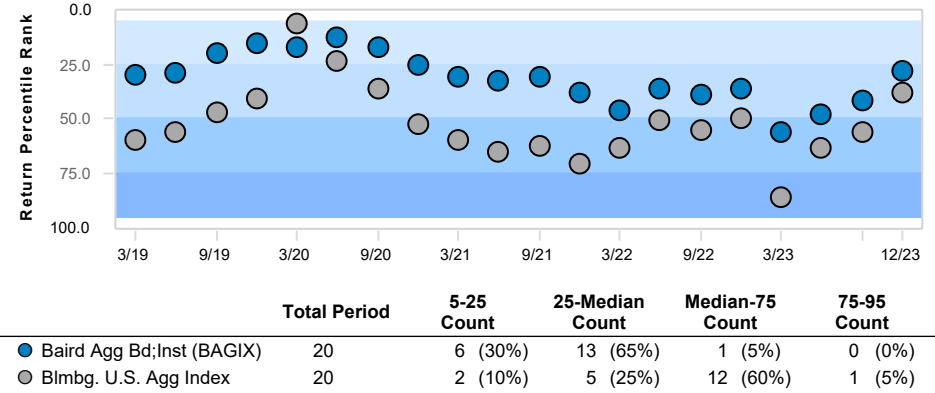
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Baird Agg Bd;Inst (BAGIX)	-3.07 (49)	-0.61 (22)	3.06 (61)	2.15 (15)	-4.66 (50)	-5.01 (30)
Blmbg. U.S. Aggregate Index	-3.23 (70)	-0.84 (55)	2.96 (69)	1.87 (35)	-4.75 (61)	-4.69 (16)
IM U.S. Broad Market Core Fixed Income (MF) Median	-3.08	-0.81	3.14	1.71	-4.67	-5.35



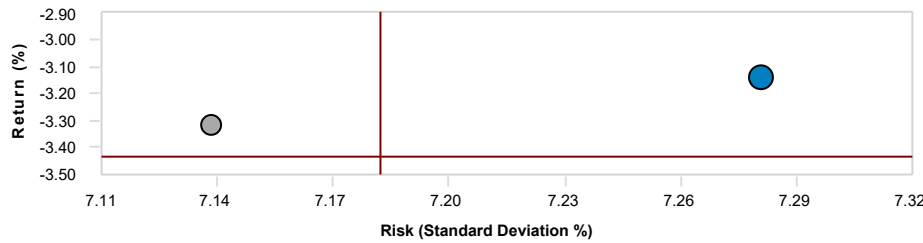
3 Yr Rolling Under/Over Performance - 5 Years



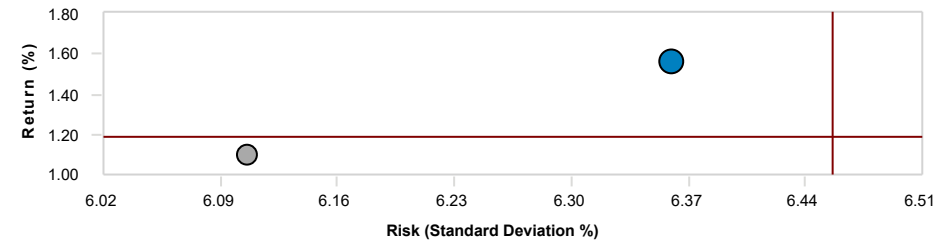
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

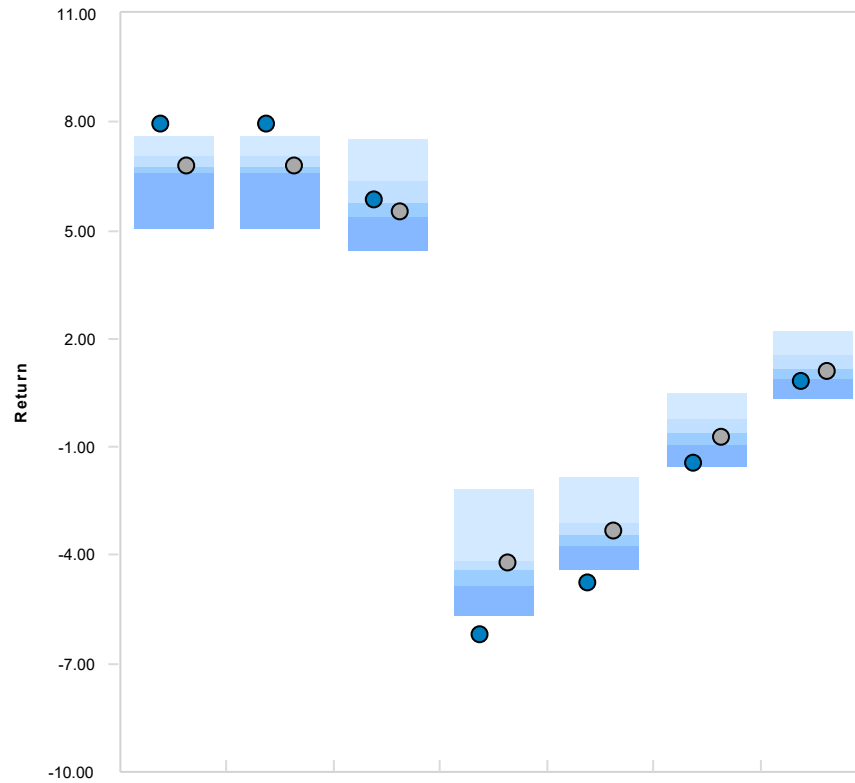
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Baird Agg Bd;Inst (BAGIX)	0.47	102.39	100.06	0.25	0.40	-0.71	1.02	5.23
Blmbg. U.S. Agg Index	0.00	100.00	100.00	0.00	N/A	-0.75	1.00	5.21

Historical Statistics - 5 Years

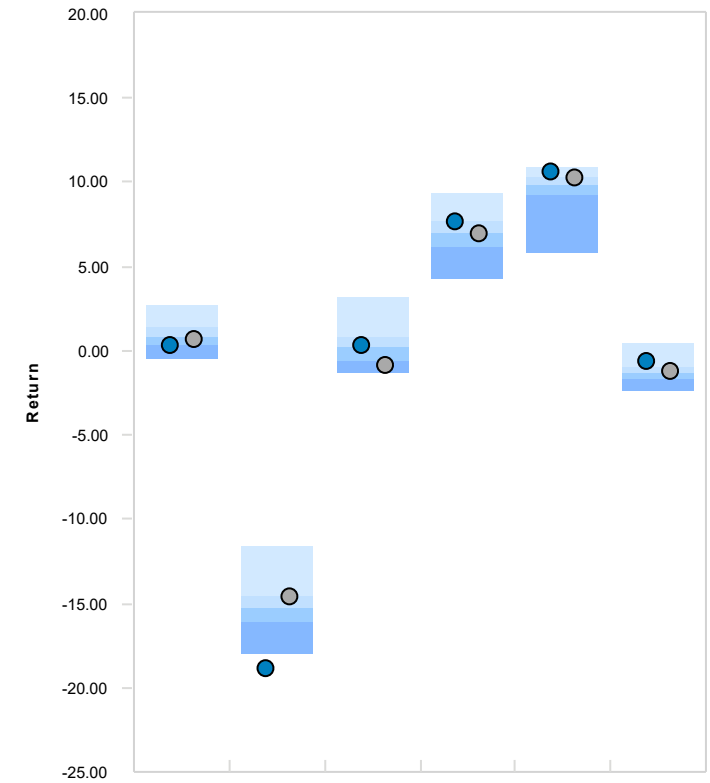
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Baird Agg Bd;Inst (BAGIX)	0.95	107.50	102.35	0.43	0.50	-0.02	1.03	4.18
Blmbg. U.S. Agg Index	0.00	100.00	100.00	0.00	N/A	-0.10	1.00	4.07



Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● WA Core Bond;IS (WACSX)	7.94 (4)	7.94 (4)	5.84 (47)	-6.20 (98)	-4.76 (98)	-1.46 (95)	0.83 (81)
● Blmbg. U.S. Agg Index	6.82 (46)	6.82 (46)	5.53 (65)	-4.19 (32)	-3.31 (38)	-0.72 (59)	1.10 (58)
Median	6.77	6.77	5.77	-4.43	-3.44	-0.60	1.19



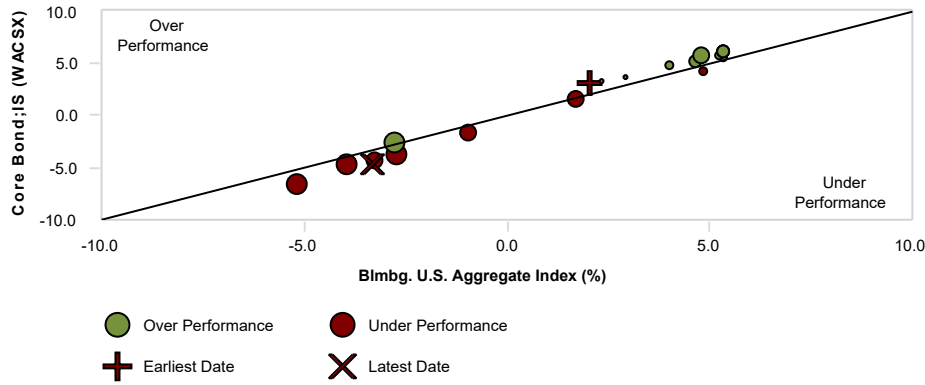
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● WA Core Bond;IS (WACSX)	0.31 (77)	18.86 (99)	0.31 (45)	7.69 (25)	10.63 (10)	-0.66 (17)
● Blmbg. U.S. Agg Index	0.64 (57)	14.60 (24)	-0.90 (84)	6.98 (49)	10.30 (24)	-1.22 (42)
Median	0.77	15.29	0.17	6.94	9.78	-1.32

Comparative Performance

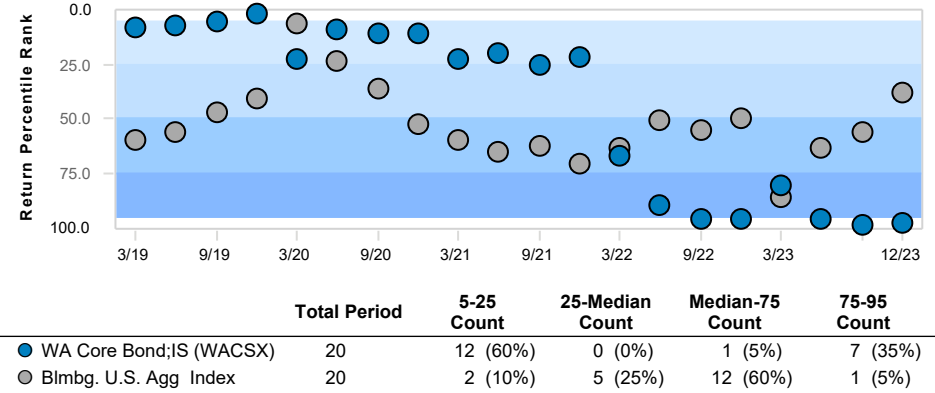
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
WA Core Bond;IS (WACSX)	-4.21 (98)	-1.11 (82)	3.52 (14)	2.30 (10)	-5.83 (98)	-6.46 (91)
Blmbg. U.S. Aggregate Index	-3.23 (70)	-0.84 (55)	2.96 (69)	1.87 (35)	-4.75 (61)	-4.69 (16)
IM U.S. Broad Market Core Fixed Income (MF) Median	-3.08	-0.81	3.14	1.71	-4.67	-5.35



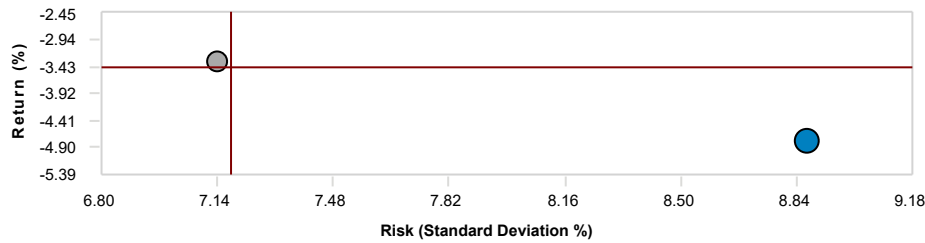
3 Yr Rolling Under/Over Performance - 5 Years



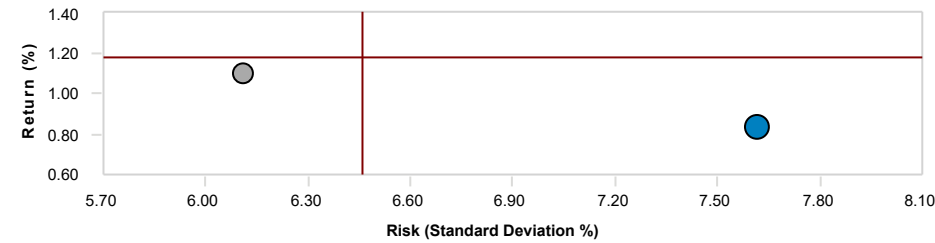
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

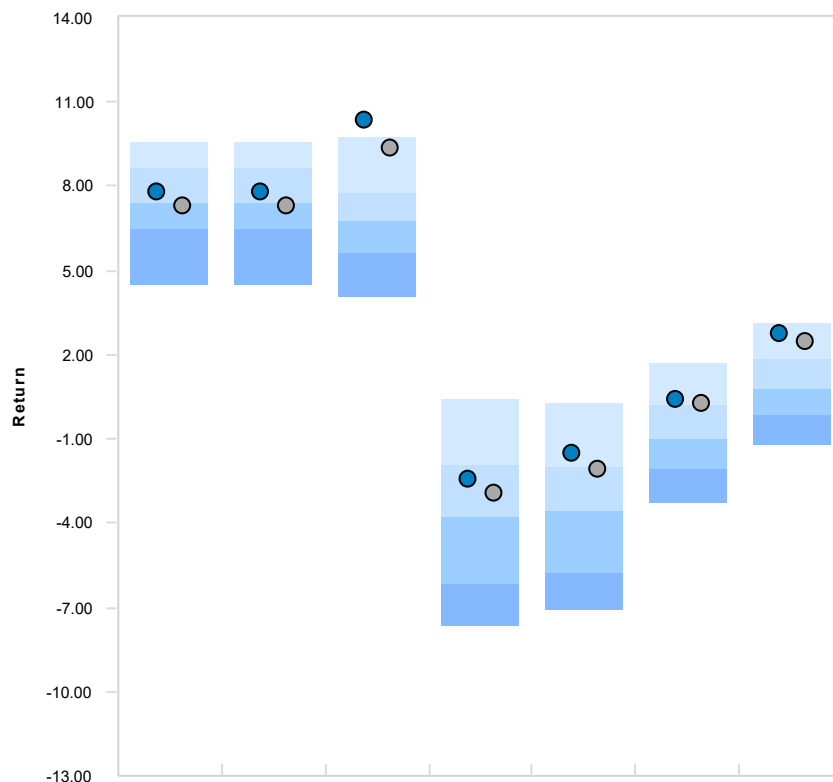
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
WA Core Bond;IS (WACSX)	1.93	118.93	125.75	-0.62	-0.71	-0.76	1.24	6.58
Blmbg. U.S. Agg Index	0.00	100.00	100.00	0.00	N/A	-0.75	1.00	5.21

Historical Statistics - 5 Years

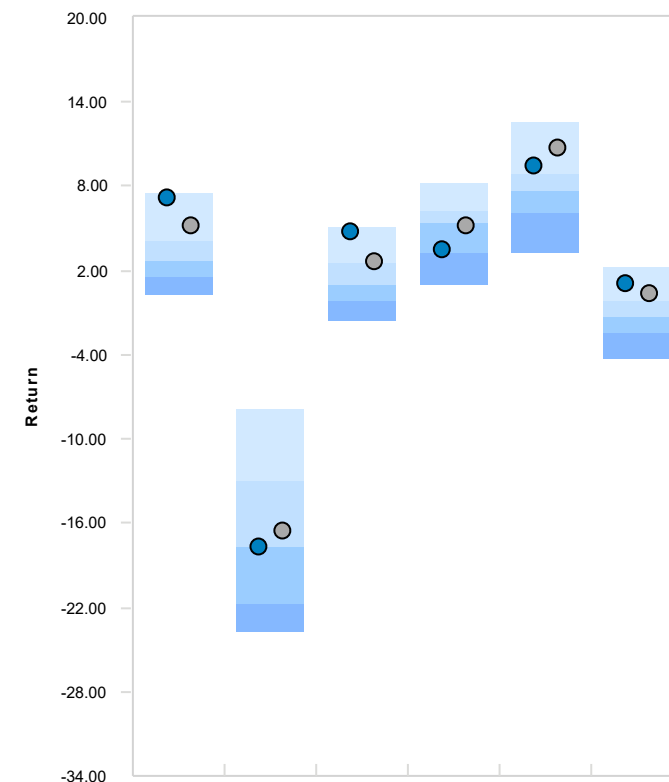
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
WA Core Bond;IS (WACSX)	2.14	120.64	126.51	-0.44	-0.08	-0.10	1.22	5.24
Blmbg. U.S. Agg Index	0.00	100.00	100.00	0.00	N/A	-0.10	1.00	4.07



Peer Group Analysis - IM Global Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● PIMCO:Div (PDIIX)	7.80 (41)	7.80 (41)	10.39 (4)	-2.42 (31)	-1.51 (21)	0.41 (23)	2.77 (7)
● Blmbg. Global Credit (Hedged)	7.32 (51)	7.32 (51)	9.36 (9)	-2.88 (37)	-2.06 (27)	0.25 (25)	2.51 (11)
Median	7.37	7.37	6.74	-3.80	-3.56	-0.98	0.82



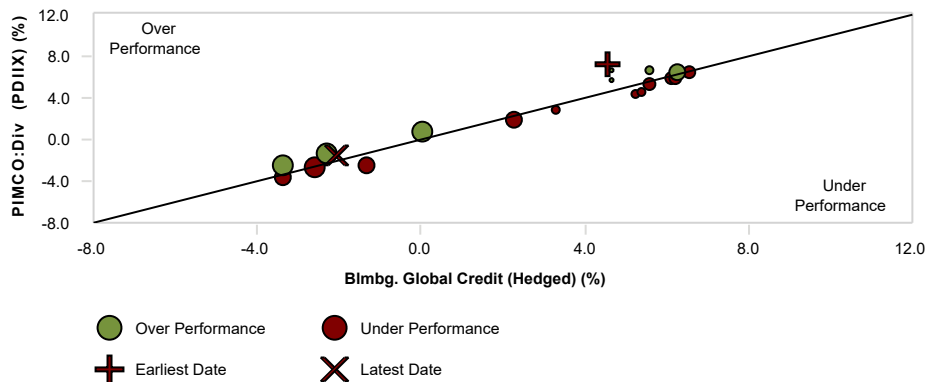
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● PIMCO:Div (PDIIX)	7.27 (7)	17.64 (51)	4.82 (7)	3.52 (74)	9.52 (20)	1.08 (9)
● Blmbg. Global Credit (Hedged)	5.27 (13)	16.53 (49)	2.72 (22)	5.26 (53)	0.83 (12)	0.39 (16)
Median	2.65	17.63	0.90	5.39	7.65	-1.33

Comparative Performance

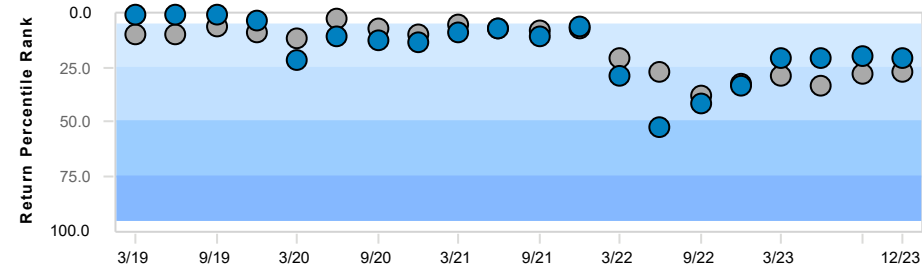
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
PIMCO:Div (PDIIX)	-1.09 (23)	0.90 (8)	2.61 (62)	4.76 (32)	-2.51 (25)	-9.10 (77)
Blmbg. Global Credit (Hedged)	-1.32 (29)	0.28 (16)	2.97 (35)	3.31 (53)	-3.84 (44)	-6.97 (50)
IM Global Fixed Income (MF) Median	-2.42	-0.58	2.76	3.53	-4.13	-7.00



3 Yr Rolling Under/Over Performance - 5 Years

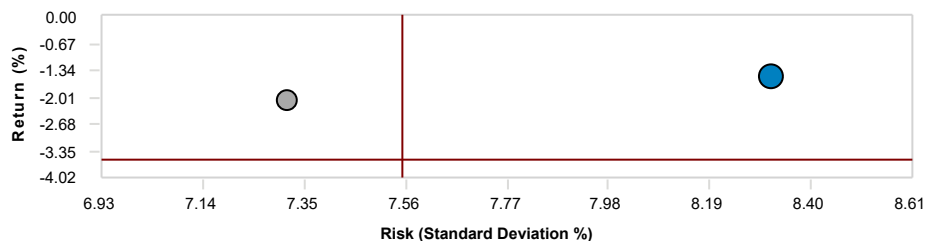


3 Yr Rolling Percentile Ranking - 5 Years



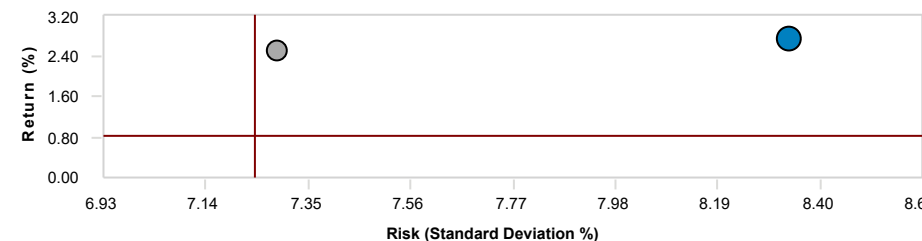
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● PIMCO:Div (PDIIX)	20	16 (80%)	3 (15%)	1 (5%)	0 (0%)
● Blmbg. Global Credit (Hedged)	20	13 (65%)	7 (35%)	0 (0%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● PIMCO:Div (PDIIX)	-1.51	8.32
● Blmbg. Global Credit (Hedged)	-2.06	7.32
— Median	-3.56	7.55

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● PIMCO:Div (PDIIX)	2.77	8.33
● Blmbg. Global Credit (Hedged)	2.51	7.28
— Median	0.82	7.24

Historical Statistics - 3 Years

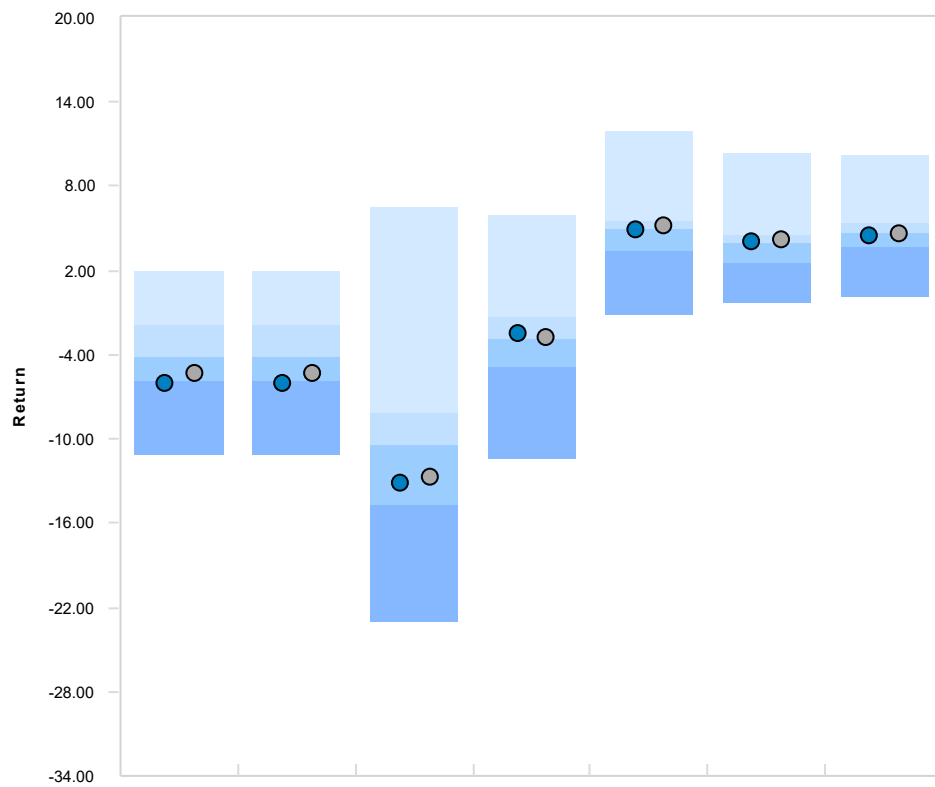
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PIMCO:Div (PDIIX)	1.93	115.70	106.87	0.85	0.33	-0.41	1.11	5.90
Blmbg. Global Credit (Hedged)	0.00	100.00	100.00	0.00	N/A	-0.55	1.00	5.19

Historical Statistics - 5 Years

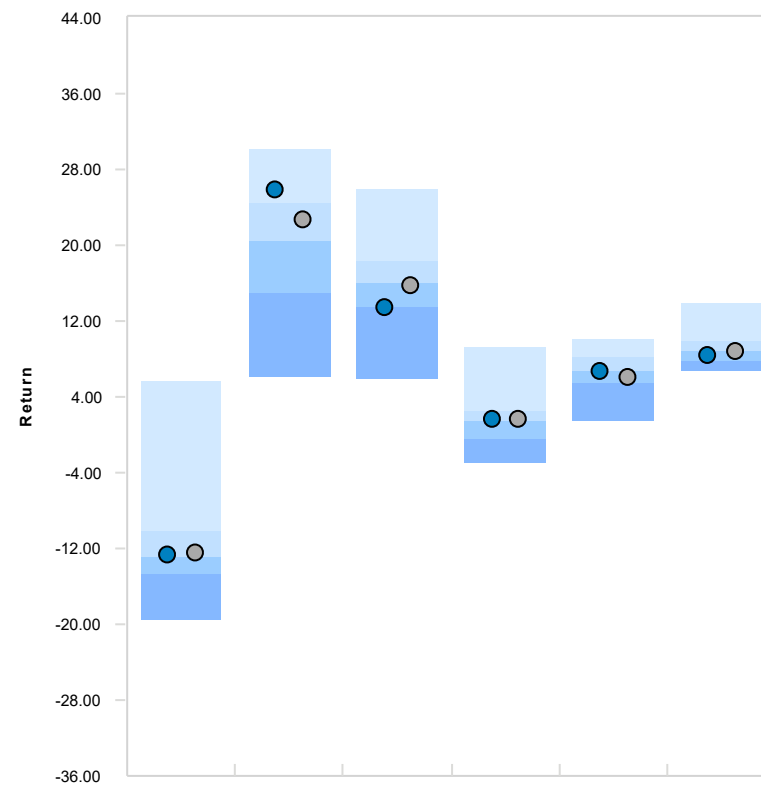
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
PIMCO:Div (PDIIX)	2.20	109.24	108.19	0.04	0.15	0.15	1.11	6.03
Blmbg. Global Credit (Hedged)	0.00	100.00	100.00	0.00	N/A	0.12	1.00	5.14



Peer Group Analysis - IM U.S. Open End Private Real Estate (SA+CF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● ARA Core Property	-5.99 (80)	-5.99 (80)	-13.06 (63)	-2.50 (34)	5.00 (50)	4.14 (43)	4.57 (58)
○ NCREIF ODCE	-5.23 (67)	-5.23 (67)	-12.71 (61)	-2.72 (37)	5.19 (37)	4.27 (40)	4.63 (53)
Median	-4.20	-4.20	-10.48	-2.89	5.00	3.96	4.66



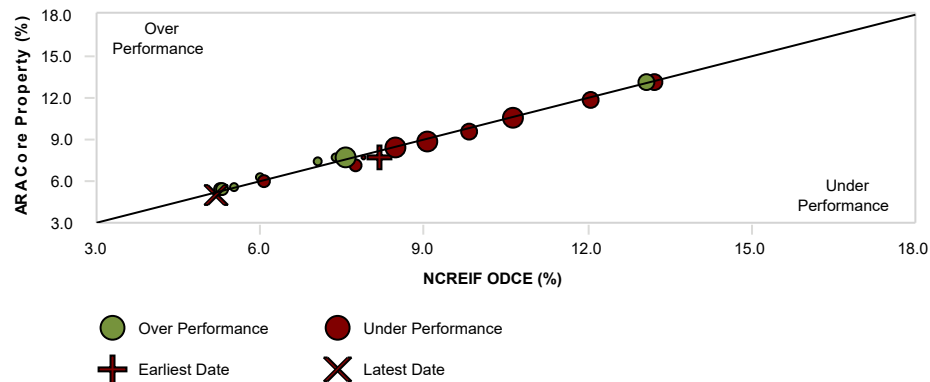
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● ARA Core Property	-12.54 (47)	25.79 (18)	13.51 (75)	1.62 (49)	6.81 (50)	8.50 (61)
○ NCREIF ODCE	-12.40 (41)	22.76 (40)	15.75 (54)	1.74 (43)	6.17 (70)	8.82 (56)
Median	-12.83	20.33	16.09	1.58	6.80	8.93

Comparative Performance

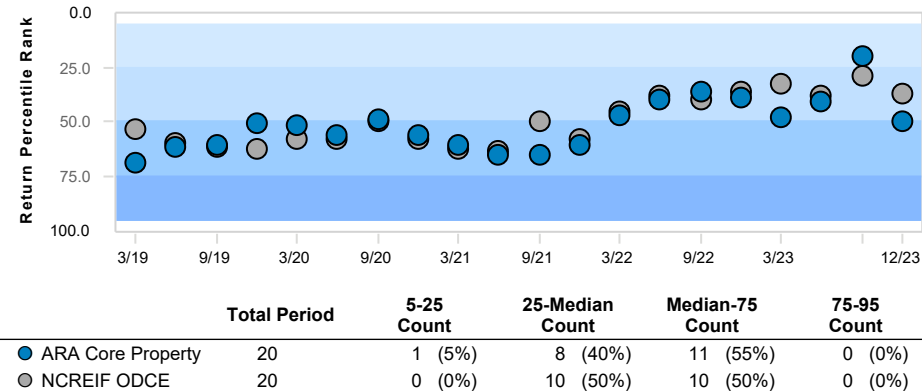
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
ARA Core Property	-2.22 (41)	-2.22 (65)	-3.28 (65)	-5.42 (64)	1.66 (22)	4.84 (33)
NCREIF ODCE	-1.93 (35)	-2.86 (70)	-3.31 (65)	-4.90 (48)	0.96 (41)	4.55 (39)
IM U.S. Open End Private Real Estate (SA+CF) Median	-2.72	-1.98	-2.91	-4.97	0.60	4.33



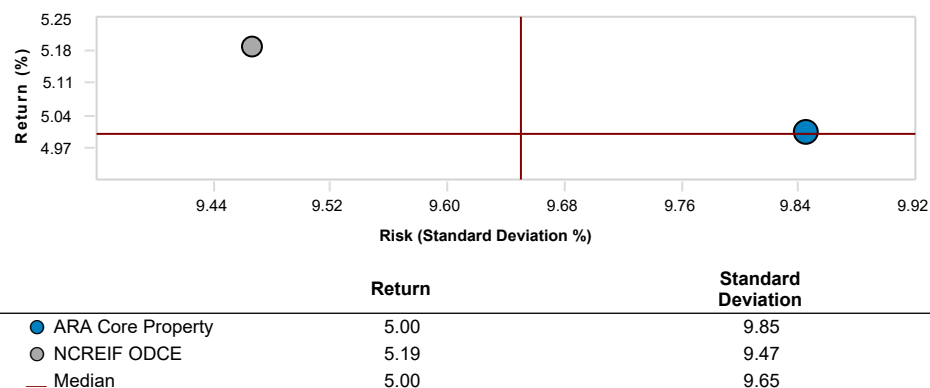
3 Yr Rolling Under/Over Performance - 5 Years



3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ARA Core Property	1.35	101.33	104.91	-0.30	-0.11	0.31	1.03	5.35
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	0.34	1.00	4.97

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ARA Core Property	1.14	101.51	104.37	-0.17	-0.03	0.35	1.03	4.18
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	0.37	1.00	3.89



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Delray Beach Firefighters' Retirement System
Illiquid Investments
December 31, 2023

	Market Value	Uncalled Capital Commitment	QTD IRR	Inception IRR	Inception Date	Expected Termination
*Angelo Gordon Net Lease Realty Fund III, L.P.	\$1,763,177	\$84,111	1.87	6.99	3/10/2014	4/1/2027
*Crescent Direct Lending Levered Fund	\$292,516	\$432,746	3.19	7.03	10/9/2014	12/1/2022
*Dune Real Estate Fund III	\$370,045	\$0	-7.02	4.87	11/6/2014	12/1/2024
*Deerpath Capital Advantage VI	\$859,865	\$618,545	3.35	11.69	11/29/2021	TBD
* TCW Direct Lending VIII	\$678,211	\$839,703	3.71	9.34	7/21/2022	TBD

* Market Value as of 09/30/2023
Market Value includes contributions & distributions since end of period.



Total Fund Policy

Allocation Mandate	Weight (%)
Jan-1978	
S&P 500 Index	65.00
Blmbg. U.S. Gov't/Credit	30.00
FTSE 3 Month T-Bill	5.00
Apr-2007	
Blmbg. U.S. Gov't/Credit	30.00
Blmbg. U.S. TIPS 1-10 Year	5.00
S&P 500 Index	60.00
MSCI EAFE (Net) Index	5.00
Oct-2007	
MSCI EAFE (Net) Index	10.00
Bloomberg Intermed Aggregate Index	30.00
Blmbg. U.S. TIPS 1-10 Year	5.00
Russell 3000 Index	50.00
NCREIF Property Index	5.00
Jan-2010	
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	30.00
Bloomberg U.S. TIPS Index	5.00
Russell 3000 Index	45.00
NCREIF Property Index	5.00
Jul-2010	
FT Wilshire 5000 Total Market (full-cap) Index	35.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	25.00
Bloomberg U.S. TIPS Index	5.00
NCREIF ODCE	5.00
Barclay BTOP 50	5.00
Quadrant Custom Policy	5.00
NCREIF Timberland Index	5.00
Oct-2013	
FT Wilshire 5000 Total Market (full-cap) Index	35.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	27.50
NCREIF ODCE	5.00
Quadrant Custom Policy	5.00
NCREIF Timberland Index	5.00
CPI+5%	7.50

Allocation Mandate	Weight (%)
May-2014	
FT Wilshire 5000 Total Market (full-cap) Index	35.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	27.50
NCREIF ODCE	10.00
NCREIF Timberland Index	5.00
CPI+5%	7.50
Jul-2015	
FT Wilshire 5000 Total Market (full-cap) Index	35.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	27.50
NCREIF ODCE	10.00
NCREIF Timberland Index	5.00
Alternatives Policy	7.50
Nov-2015	
FT Wilshire 5000 Total Market (full-cap) Index	42.50
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	27.50
NCREIF ODCE	10.00
Alternatives Policy	5.00
Jul-2021	
FT Wilshire 5000 Total Market (full-cap) Index	52.50
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	17.50
NCREIF ODCE	10.00
Alternatives Policy	5.00
Jan-2022	
FT Wilshire 5000 Total Market (full-cap) Index	52.50
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	15.50
Blmbg. Global Credit (Hedged)	2.00
NCREIF ODCE	10.00
Alternatives Policy	5.00



Benchmark History
Investment Policy Benchmarks
As of December 31, 2023

Total Equity Policy	
Allocation Mandate	Weight (%)
Oct-2005	
S&P 500 Index	95.00
FTSE 3 Month T-Bill	5.00
Apr-2007	
S&P 500 Index	85.00
FTSE 3 Month T-Bill	5.00
MSCI EAFE (Net) Index	10.00
Oct-2007	
Russell 3000 Index	85.00
MSCI EAFE (Net) Index	15.00
Jan-2010	
Russell 3000 Index	75.00
MSCI AC World ex USA (Net)	25.00
Jul-2010	
FT Wilshire 5000 Total Market (full-cap) Index	55.00
MSCI AC World ex USA (Net)	45.00
Nov-2015	
FT Wilshire 5000 Total Market (full-cap) Index	75.00
MSCI AC World ex USA (Net)	25.00
Jul-2021	
FT Wilshire 5000 Total Market (full-cap) Index	78.00
MSCI AC World ex USA (Net)	22.00

Total Int'l Policy	
Allocation Mandate	Weight (%)
Jan-1970	
MSCI EAFE (Net) Index	100.00
Jan-2010	
MSCI AC World ex USA (Net)	100.00

Alternatives Policy	
Allocation Mandate	Weight (%)
Aug-2010	
Barclay BTOP 50	100.00
Nov-2013	
CPI+5%	100.00
Jul-2015	
S&P 500 Index	50.00
Blmbg. U.S. Aggregate Index	50.00

Domestic Equity Policy	
Allocation Mandate	Weight (%)
Oct-2005	
S&P 500 Index	100.00
Oct-2007	
Russell 3000 Index	100.00
Jul-2010	
FT Wilshire 5000 Total Market (full-cap) Index	100.00



Total Fixed Policy	
Allocation Mandate	Weight (%)
Oct-2005	
Blmbg. U.S. Gov't/Credit	95.00
FTSE 3 Month T-Bill	5.00
Jan-2007	
Blmbg. U.S. Gov't/Credit	85.00
Blmbg. U.S. TIPS 1-10 Year	15.00
Oct-2007	
Bloomberg Intermed Aggregate Index	85.00
Blmbg. U.S. TIPS 1-10 Year	15.00
Jan-2010	
Blmbg. U.S. Aggregate Index	85.00
Bloomberg U.S. TIPS Index	15.00
Oct-2013	
Blmbg. U.S. Aggregate Index	100.00
Jan-2022	
Blmbg. U.S. Aggregate Index	88.50
Blmbg. Global Credit (Hedged)	11.50



Delray Beach Firefighters' Retirement System

Fee Analysis

As of December 31, 2023

	Market Value (\$)	Estimated Annual Fee (\$)	Estimated Annual Fee (%)	Fee Schedule
Newton LCV	36,569,214	189,561	0.52	0.55 % of First \$25 M 0.45 % of Next \$25 M 0.35 % of Next \$50 M 0.25 % Thereafter
Fidelity Total Market Ix (FSKAX)	33,669	3	0.01	0.01 % of Assets
Rhumblin R1000G	15,446,495	6,179	0.04	0.04 % of Assets
Polen Capital LCG	10,039,992	60,240	0.60	0.60 % of Assets
Fidelity Mid Cap Index Institutional (FSMDX)	12,832,601	3,850	0.03	0.03 % of Assets
Fidelity Small Cap Index (FSSNX)	5,210,224	1,563	0.03	0.03 % of Assets
Mass Mutual Small Cap (MSOOX)	6,238,074	43,043	0.69	0.69 % of Assets
Harding Loevner Intl Equity (HLIZX)	25,654,907	187,281	0.73	0.73 % of Assets
Baird Aggregate Bond Fund (BAGIX)	12,774,737	38,324	0.30	0.30 % of Assets
Western Assets Core Bond (WACSX)	12,838,467	55,205	0.43	0.43 % of Assets
PIMCO Diversified Income Fund (PDIIIX)	5,061,394	38,973	0.77	0.77 % of Assets
ARA Core Property	8,847,356	97,321	1.10	1.10 % of Assets
Total Fund	162,083,265	738,619	0.46	

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.



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.



AndCo compiled this report for the sole use of the client for which it was prepared. AndCo is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. AndCo uses the results from this evaluation to make observations and recommendations to the client.

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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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