

Investment Performance Review
Period Ending December 31, 2023

Deerfield Beach Police Officers' Pension Fund



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	

Consulting

Annette Bidart	Chris Kuhn, CFA®, CAIA®	Gwelda Swilley
Brad Hess, CFA®, CPFA	Christiaan Brokaw, CFA®	Ian Jones
Brendon Vavrica, CFP®	Dave West, CFA®	James Ross
Brian Green	Doug Anderson, CPFA	Jeff Kuchta, CFA®, CPFA

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	

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

Employee counts are as of 1/3/2024 and reflect only full time employees and do not include any who are part time, temporary or independent contractors.

Leadership & Management

Mike Welker, CFA® CEO	Steve Gordon Solutions & Growth Director
Bryan Bakardjiev, CFA® COO	Troy Brown, CFA® Executive Director of Consulting
Evan Scussel, CFA®, CAIA® Executive Director of Research	Brooke Wilson, CIPM® Executive Director of Performance Reporting
Kim Spurlin, CPA CFO	Dan Johnson Consulting 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®

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	

89 Employees
37 Advanced Degrees
24 CFA®
9 CAIA®
12 CPFA
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

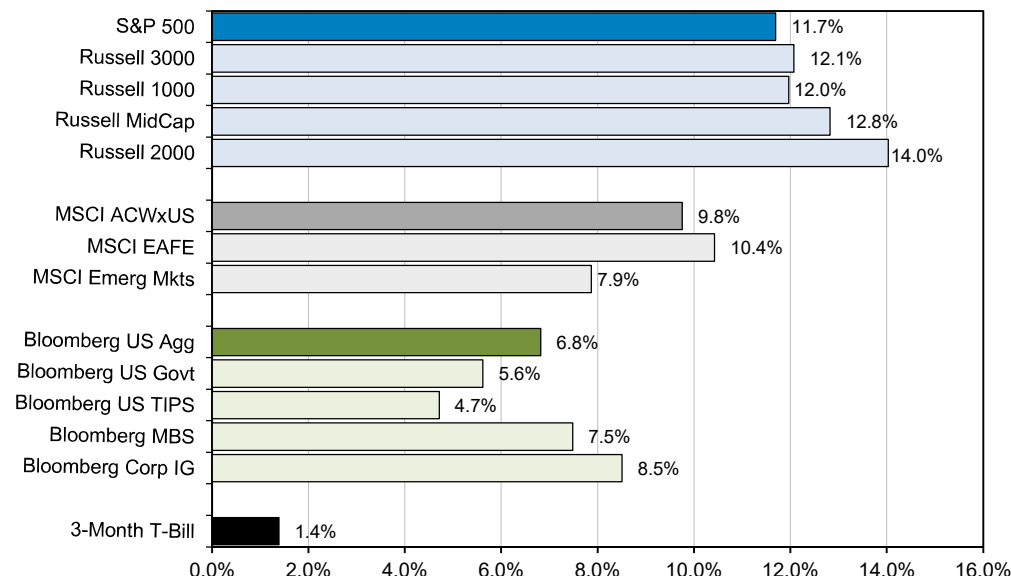
- While economic data signaled that inflation continued to moderate, the Fed maintained its conviction in fighting inflation by keeping the fed funds rate unchanged during the quarter. Equity and fixed-income markets rallied on the hope that this could signal a pivot in the Fed's policy stance in 2024.
- 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.

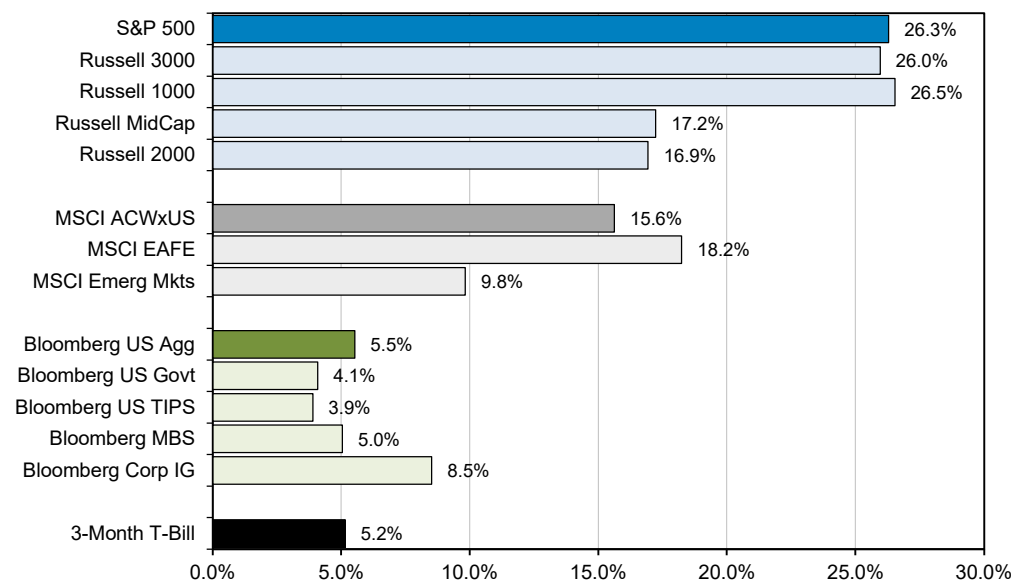
- Domestic equity market performance surged in the fourth quarter. Many of the challenges facing the U.S. economy over the past several quarters have begun to wane and forecasts for easing inflation and positive economic growth have been a growing consensus. For the period, the S&P 500 large-cap benchmark 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.

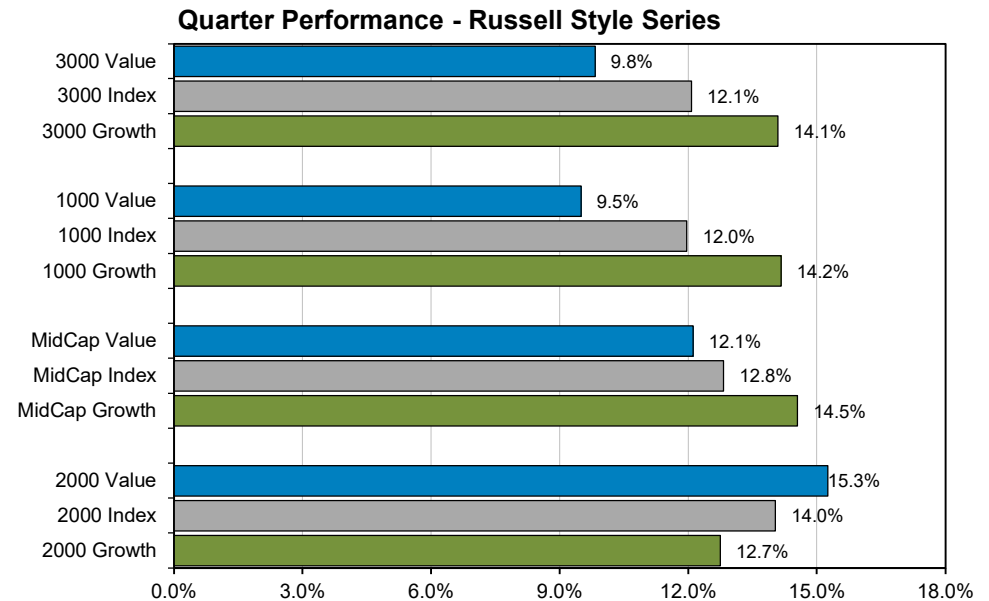
1-Year Performance



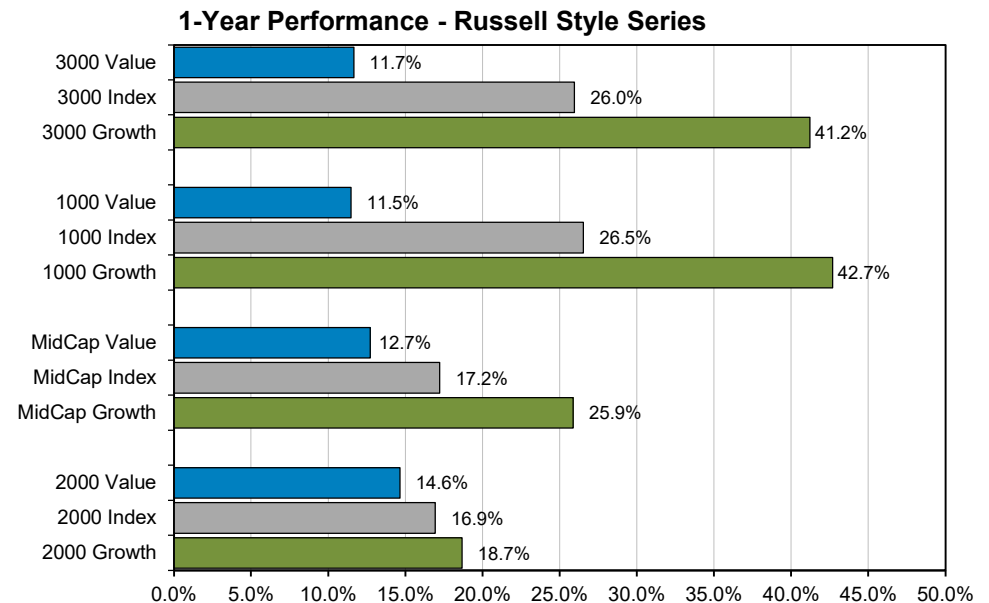
Source: Investment Metrics



- 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.

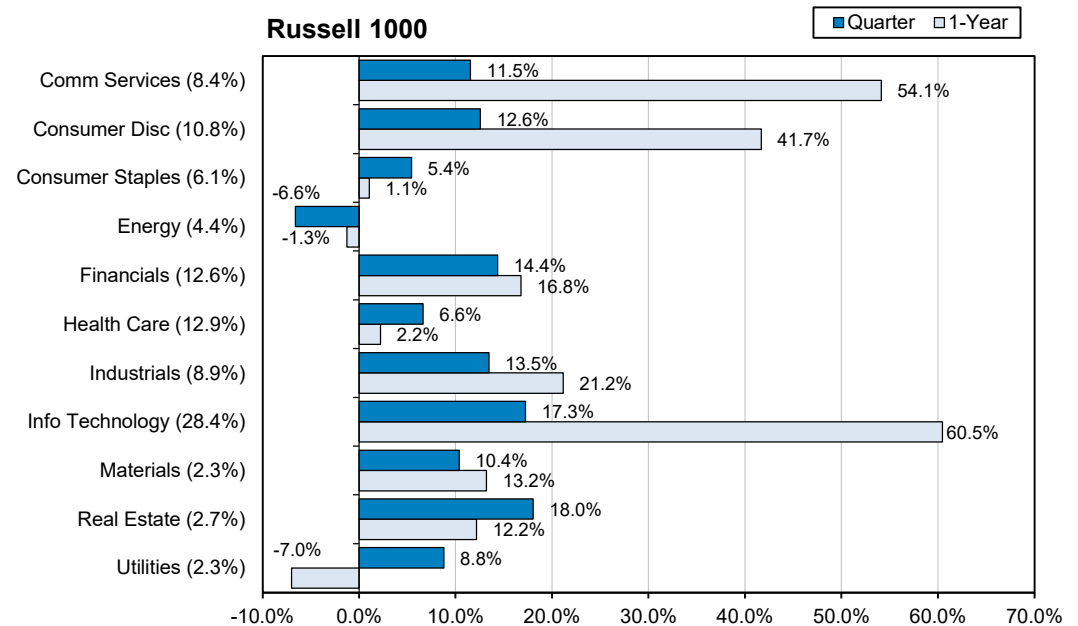


Source: Investment Metrics



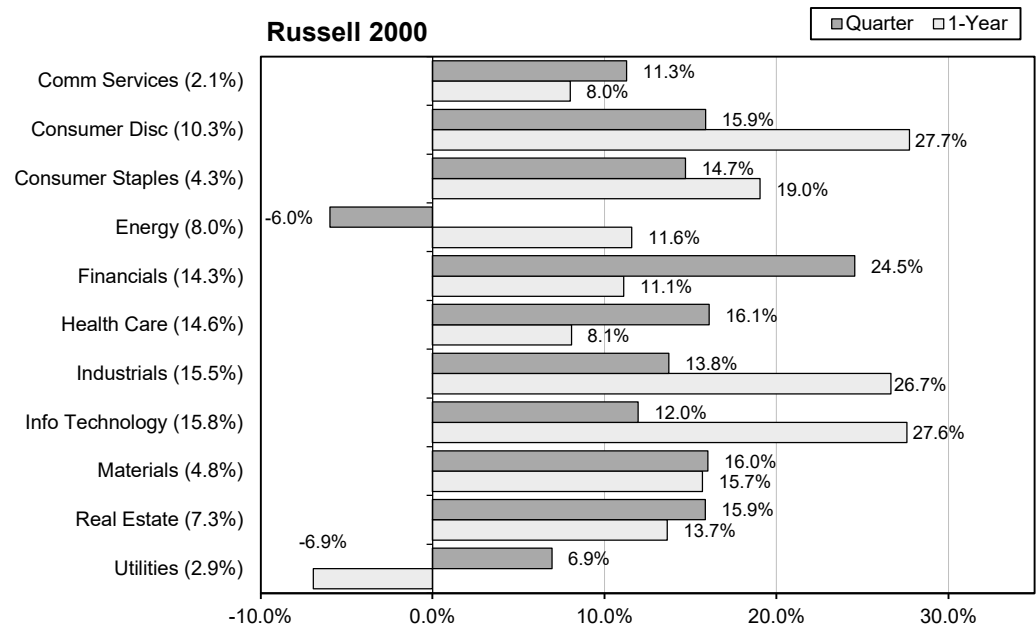
- Large-cap sector performance was generally positive for the fourth quarter. Ten of 11 economic sectors posted positive absolute performance for the quarter, with five sectors outpacing the return of the Russell 1000 Index.
- After being challenged by rapidly rising inflation and an uncertain growth 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

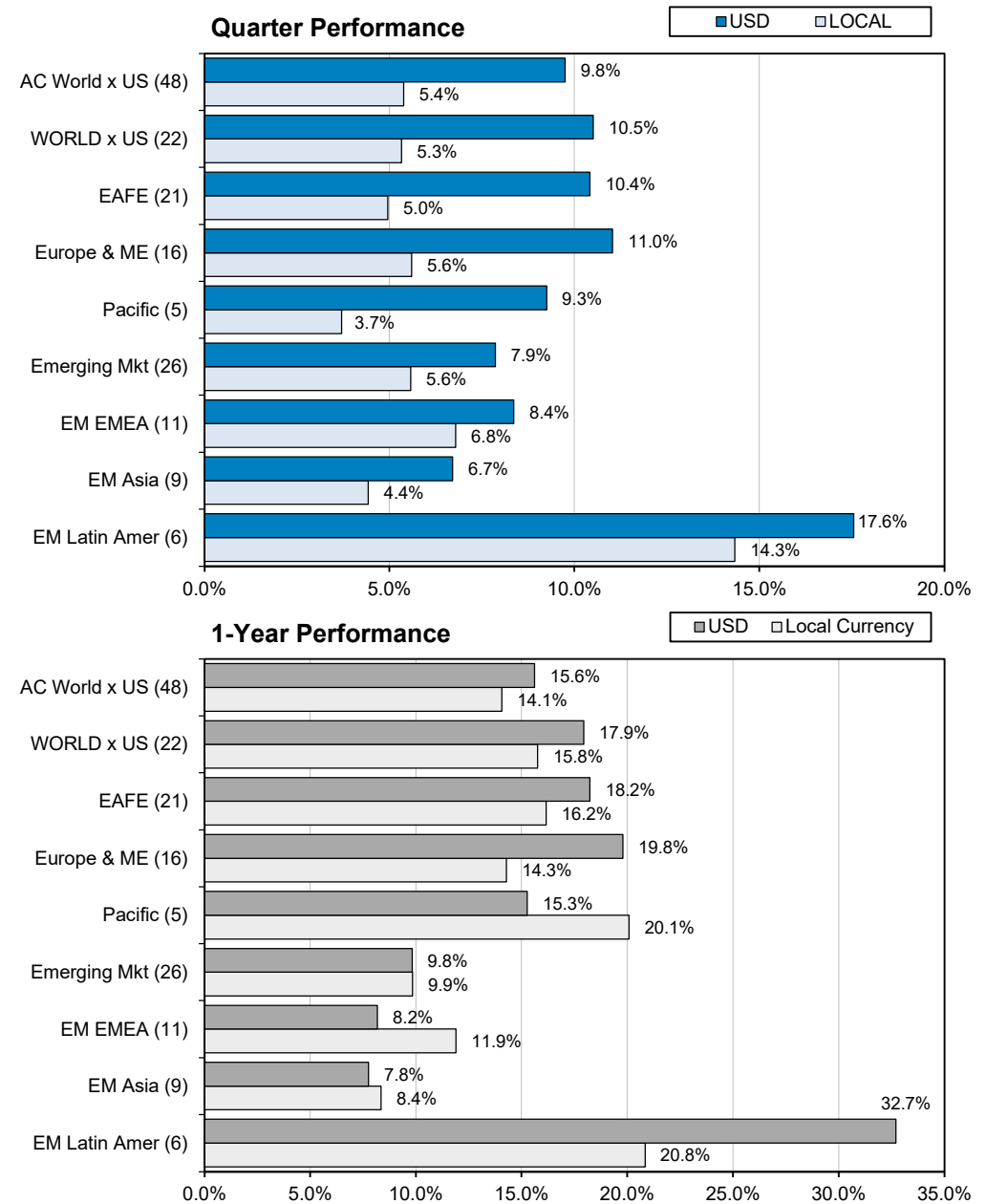
Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Nkarta Inc Ordinary Shares	0.0%	374.8%	10.2%	Health Care
Altimmune Inc	0.0%	332.7%	-31.6%	Health Care
ALX Oncology Holdings Inc	0.0%	210.2%	32.1%	Health Care
Pulse Biosciences Inc	0.0%	203.7%	341.9%	Health 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
Ventyx 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%

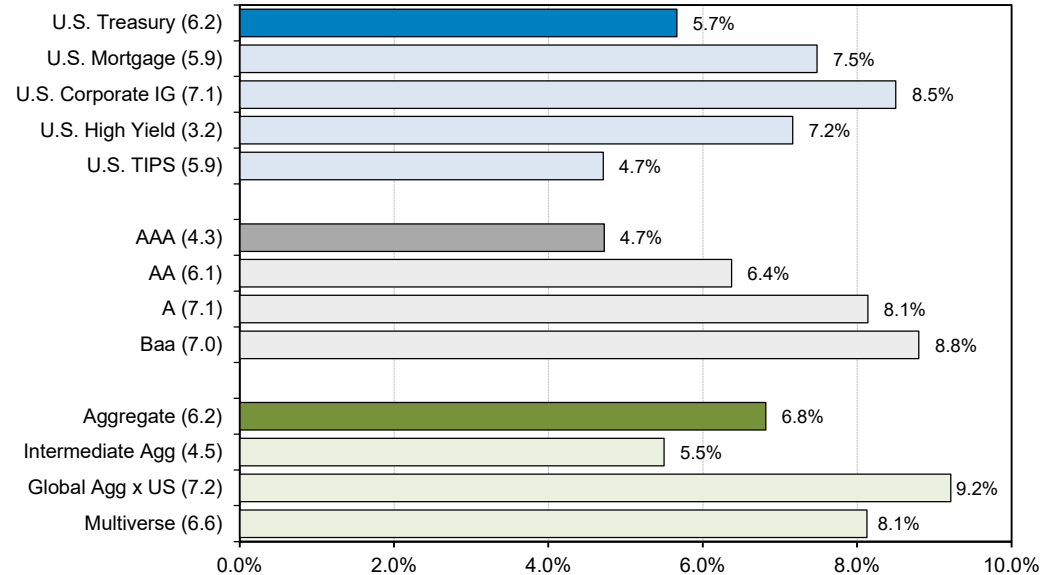
Country	MSCI-EAFE Weight	MSCI-ACWIxUS Weight	Quarter Return	1-Year Return
Japan	22.5%	14.4%	8.0%	17.8%
United Kingdom	14.7%	9.5%	6.1%	9.5%
France	12.1%	7.7%	10.1%	18.8%
Switzerland	10.0%	6.4%	10.1%	13.4%
Germany	8.6%	5.5%	13.0%	19.9%
Australia	7.6%	4.9%	14.5%	10.0%
Netherlands	4.6%	3.0%	19.6%	23.7%
Denmark	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.

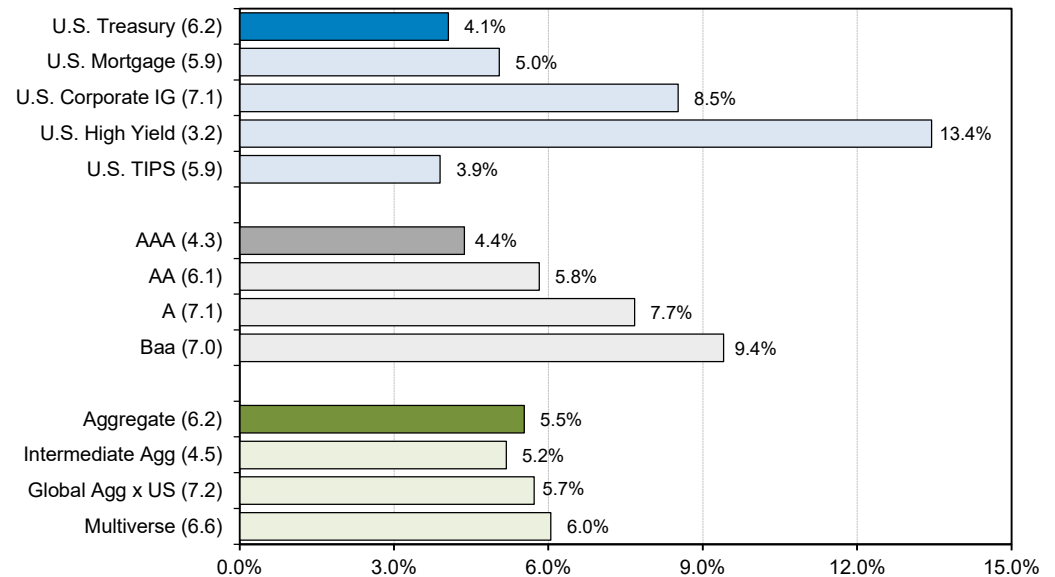


- Fixed-income markets rallied during the fourth quarter. Yields remained elevated for much of the year as economies across the globe attempted to stave off inflationary pressures. A five-month-long pause in rate hikes by the Fed coupled with expectations of cooler price pressures drove a rally in bonds 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

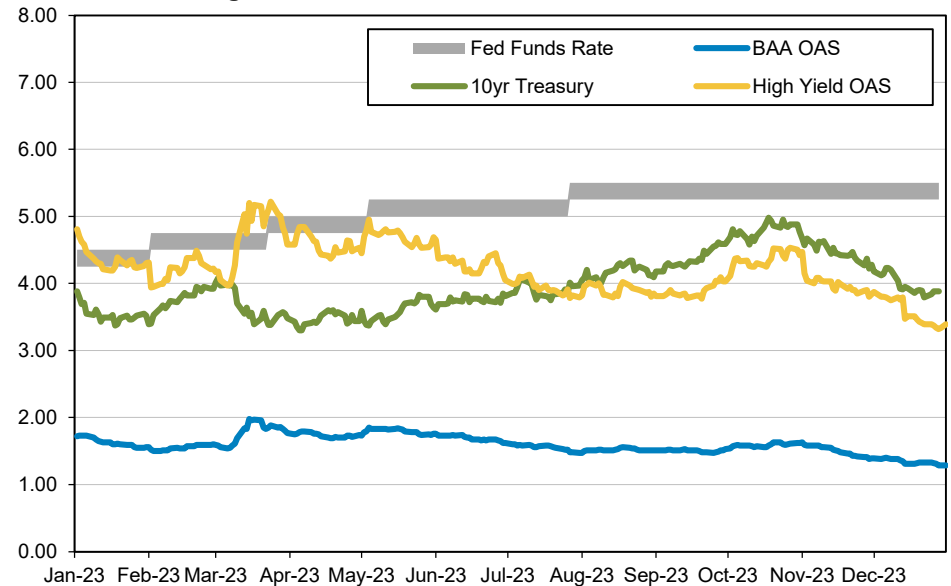


Source: Bloomberg

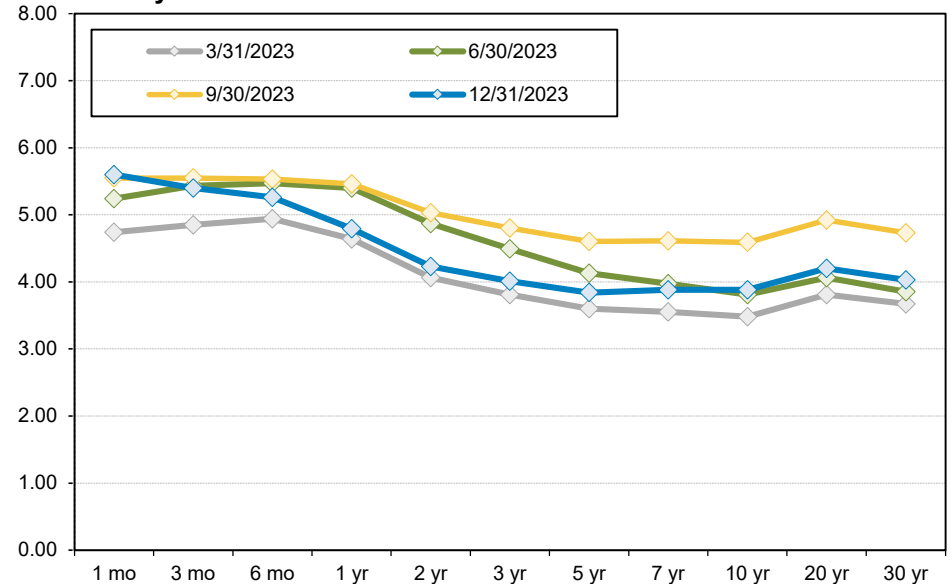


- The gray band across the graph illustrates the range of the fed funds target rate. The Fed last raised its rate range at the July 2023 meeting. The lower end of the range remained at 5.25% at year-end. The Fed's decision to pause on additional rate increases for the remainder of 2023 and took on a 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

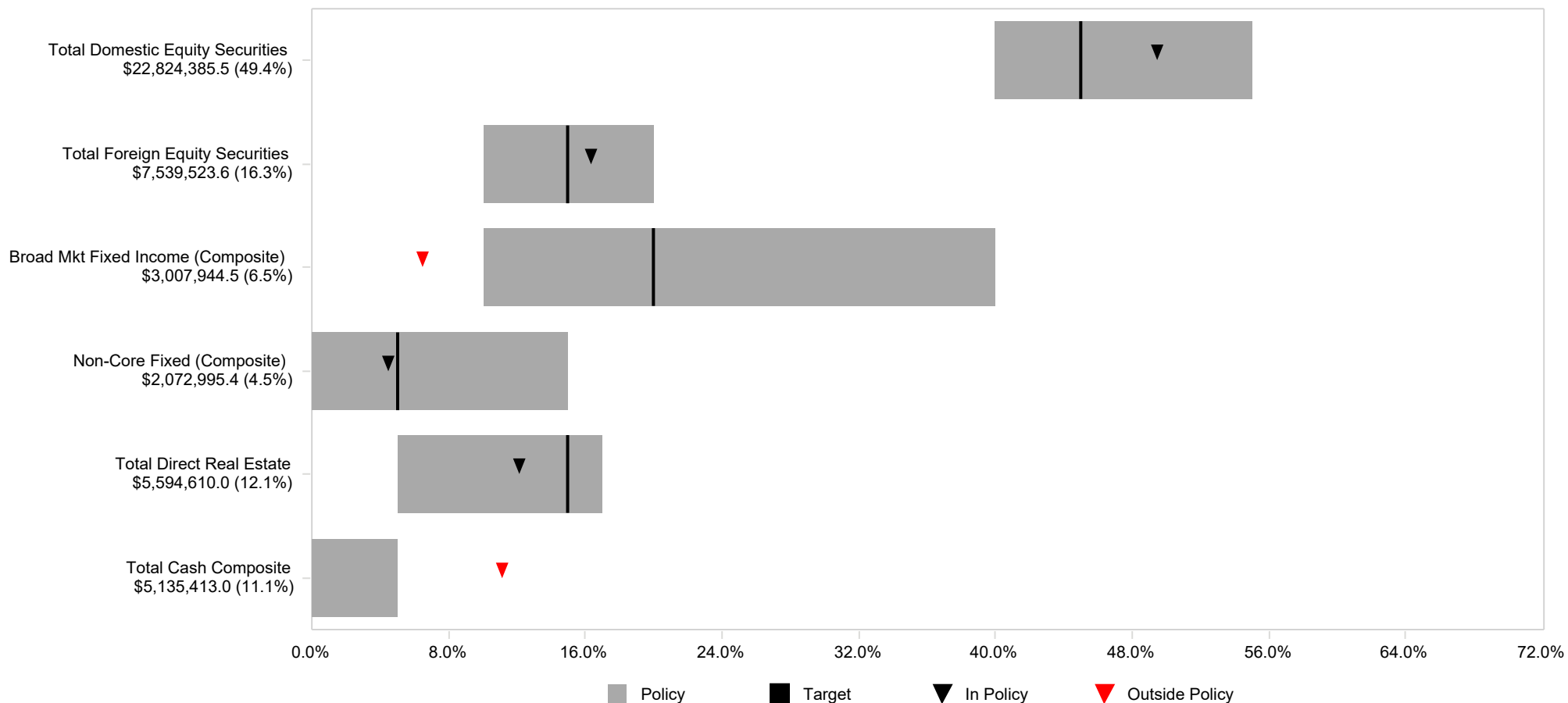


Source: US Department of Treasury, FRED (Federal Reserve of St. Louis)

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Executive Summary



Asset Allocation Compliance

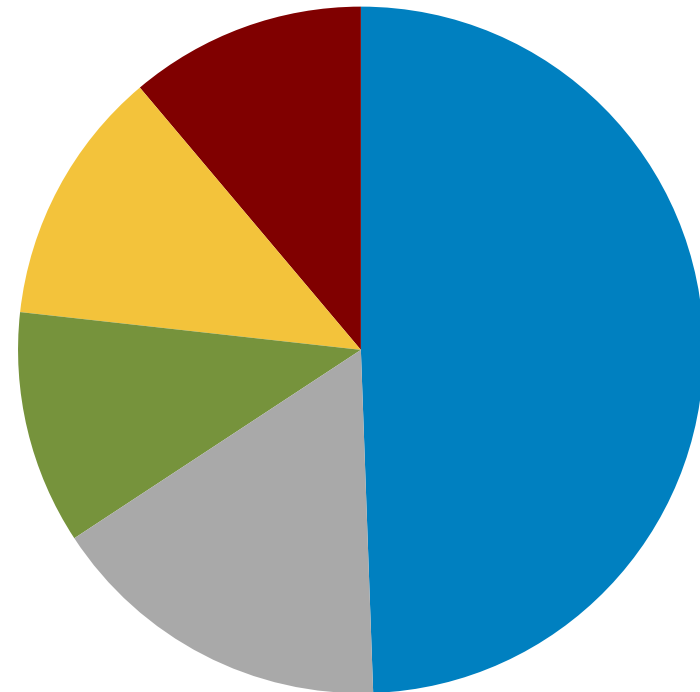
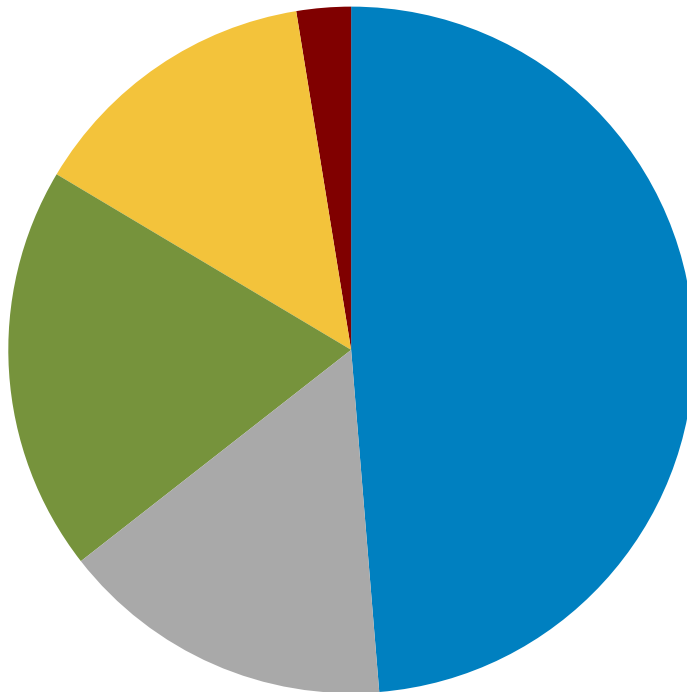
	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Maximum Allocation (%)	Target Allocation (%)
Total Fund Portfolio	46,174,872	100.0	N/A	N/A	100.0
Total Domestic Equity Securities	22,824,386	49.4	40.0	55.0	45.0
Total Foreign Equity Securities	7,539,524	16.3	10.0	20.0	15.0
Broad Mkt Fixed Income (Composite)	3,007,945	6.5	10.0	40.0	20.0
Non-Core Fixed (Composite)	2,072,995	4.5	0.0	15.0	5.0
Total Direct Real Estate	5,594,610	12.1	5.0	17.0	15.0
Total Cash Composite	5,135,413	11.1	0.0	5.0	0.0

Direct Real Estate: a rebalancing redemption request was sent to Intercontinental and is in the manager's queue.



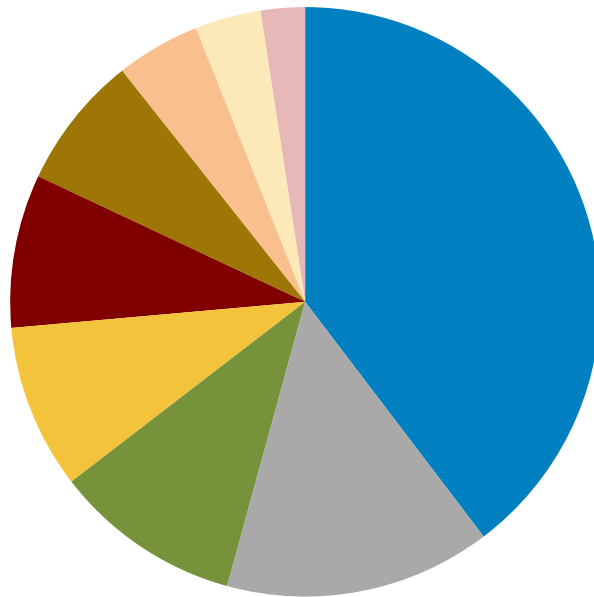
Asset Allocation By Segment as of
September 30, 2023 : \$43,006,629

Asset Allocation By Segment as of
December 31, 2023 : \$46,174,872

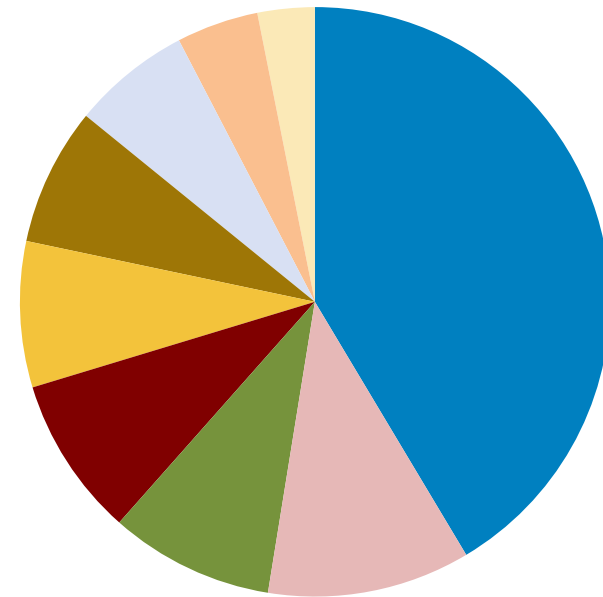


Allocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
Domestic Equity	20,941,571	48.7	Domestic Equity	22,824,386	49.4
Foreign Equity	6,775,754	15.8	Foreign Equity	7,539,524	16.3
Broad Mkt Fixed Income	8,216,043	19.1	Broad Mkt Fixed Income	5,079,156	11.0
Direct Real Estate	5,970,776	13.9	Direct Real Estate	5,583,179	12.1
Cash Equivalent	1,102,485	2.6	Cash Equivalent	5,148,629	11.2

Asset Allocation By Manager as of
Sep-2023 : \$43,006,629

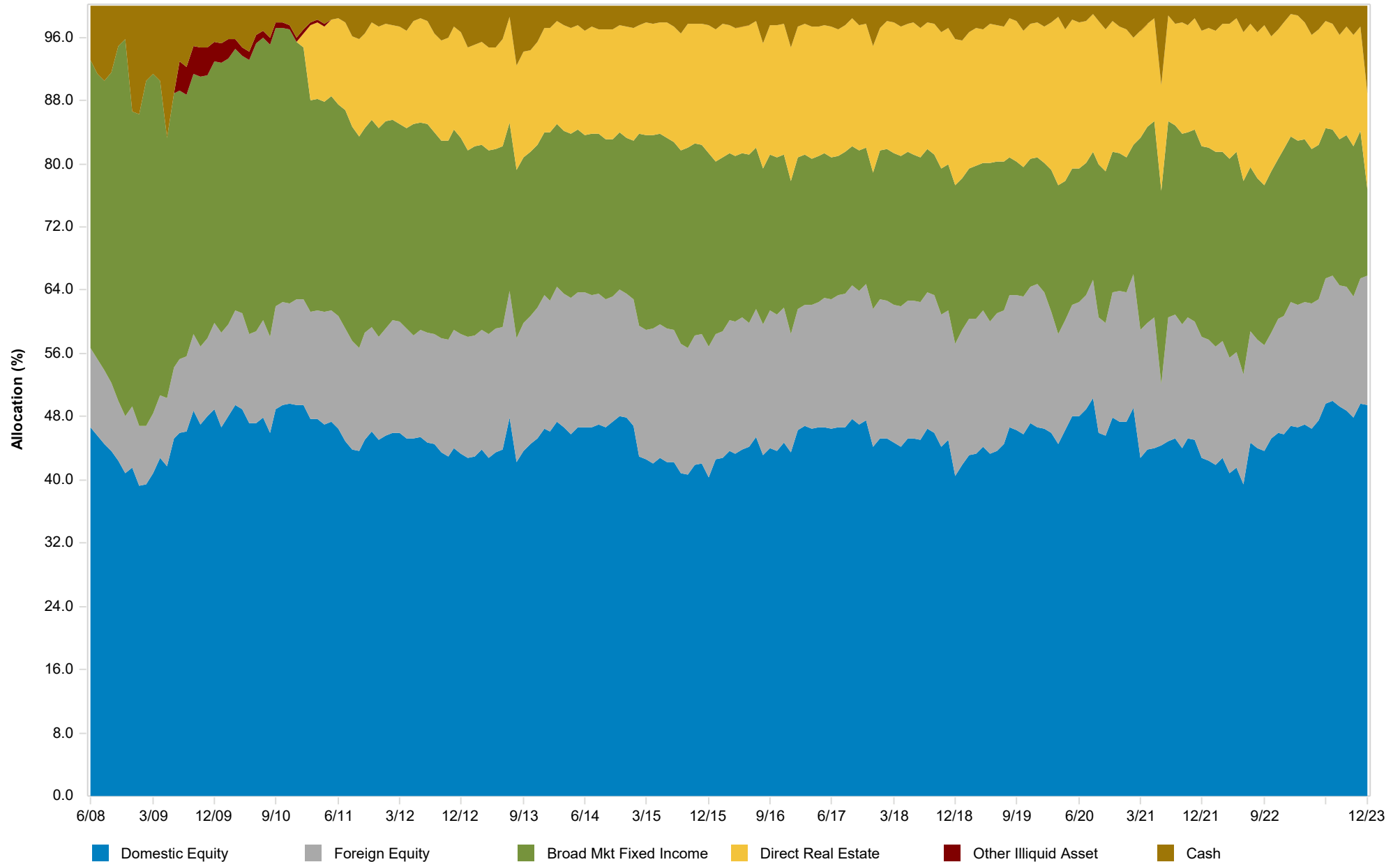


Asset Allocation By Manager as of
Dec-2023 : \$46,174,872

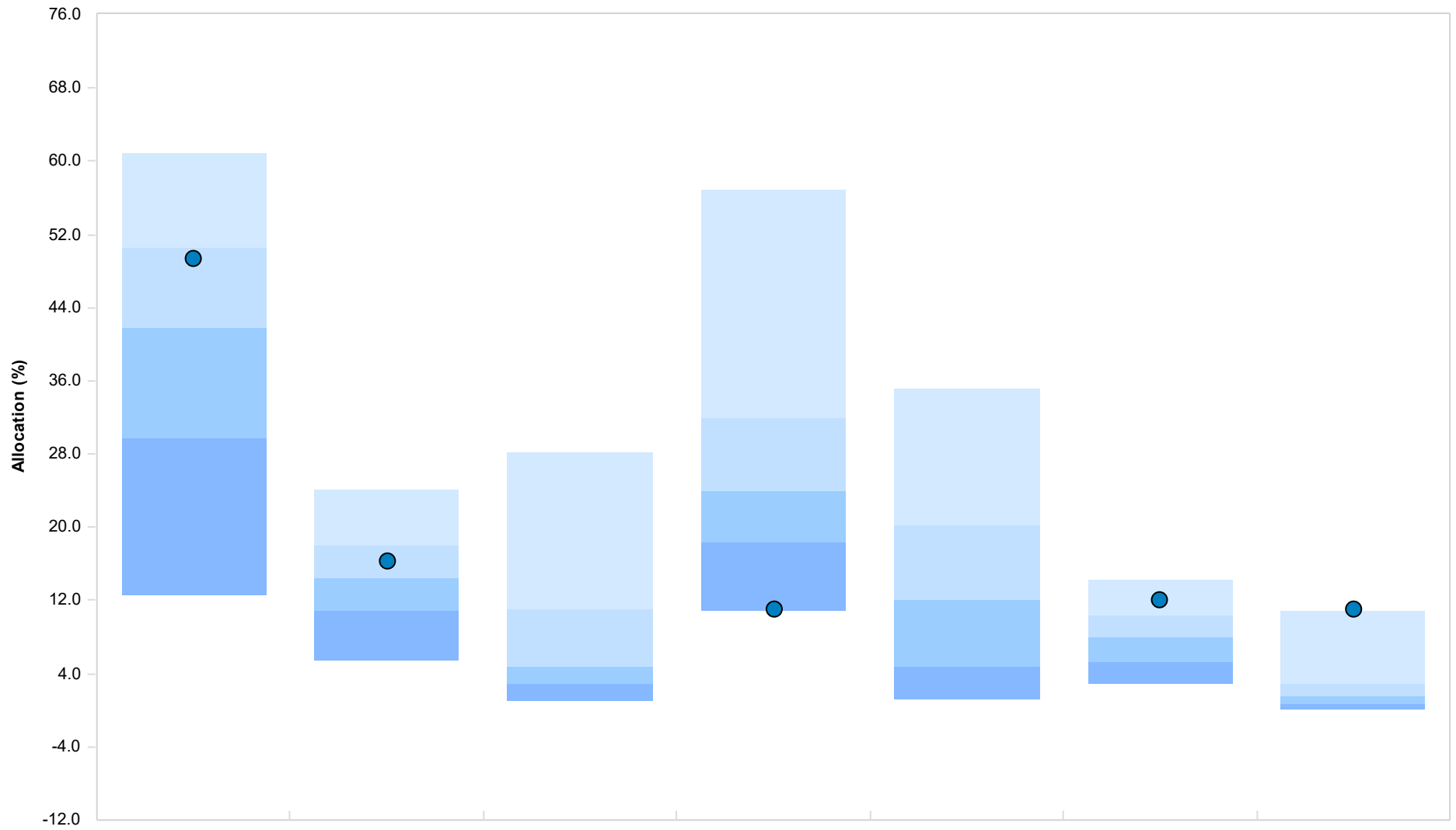


Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Fidelity Total Market Ix (FSKAX)	17,056,524	39.7	Fidelity Total Market Ix (FSKAX)	19,129,913	41.4
Garcia Hamilton Fixed Income	6,279,283	14.6	R&D Account	5,135,413	11.1
Intercontinental	4,429,070	10.3	Intercontinental	4,149,178	9.0
Allspring ACG R6 (EKJFX)	3,885,048	9.0	RBC Global (Voyageur)	4,052,784	8.8
RBC Global (Voyageur)	3,616,724	8.4	Allspring ACG R6 (EKJFX)	3,694,473	8.0
EuroPacific Growth Fund (RERGX)	3,159,030	7.3	EuroPacific Growth Fund (RERGX)	3,486,740	7.6
Fidelity Inflation-Protected Bond (FIPDX)	1,983,690	4.6	Fidelity Short Term Bond Index (FNSOX)	3,006,160	6.5
ARA Core Property Fund	1,553,352	3.6	Fidelity Inflation-Protected Bond (FIPDX)	2,072,995	4.5
R&D Account	1,043,908	2.4	ARA Core Property Fund	1,445,432	3.1
Fidelity Short Term Bond Index (FNSOX)	-	0.0	Garcia Hamilton Fixed Income	1,784	0.0

Asset Allocation Attributes



Plan Sponsor TF Asset Allocation
Total Fund Portfolio Vs. All Public Plans-Total Fund
As of December 31, 2023



	US Equity	Global ex-US Equity	Global Fixed Income	US Fixed	Alternatives	Total Real Estate	Cash & Equivalents
● Total Fund Portfolio	49.43 (28)	16.33 (33)	N/A	11.00 (95)	N/A	12.12 (13)	11.12 (5)
5th Percentile	60.89	24.18	28.21	56.84	35.16	14.21	10.91
1st Quartile	50.52	17.99	11.08	31.92	20.30	10.30	2.89
Median	41.78	14.53	4.81	24.02	12.07	7.99	1.62
3rd Quartile	29.76	10.93	2.95	18.35	4.79	5.27	0.77
95th Percentile	12.54	5.48	1.13	10.96	1.25	2.86	0.08



Asset Allocation History by Portfolio

Total Fund

As of December 31, 2023

Asset Allocation Attributes										
	Dec-2023		Sep-2023		Jun-2023		Mar-2023		Dec-2022	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Fund Portfolio	46,174,872	100.00	43,006,629	100.00	44,832,833	100.00	44,491,096	100.00	42,543,533	100.00
Total Equity	30,363,909	65.76	27,717,325	64.45	29,335,819	65.43	27,818,843	62.53	25,818,535	60.69
Total Domestic Equity Securities	22,824,386	49.43	20,941,571	48.69	22,275,054	49.68	20,899,629	46.97	19,503,292	45.84
Dodge & Cox Stock Fund (DODGX)	-	0.00	-	0.00	-	0.00	-	0.00	9,394,620	22.08
Allspring ACG R6 (EKJFX)	3,694,473	8.00	3,885,048	9.03	4,640,659	10.35	4,185,955	9.41	3,751,311	8.82
Fidelity Total Market Ix (FSKAX)	19,129,913	41.43	17,056,524	39.66	17,634,395	39.33	16,713,674	37.57	6,357,361	14.94
Total Foreign Equity Securities	7,539,524	16.33	6,775,754	15.76	7,060,765	15.75	6,919,213	15.55	6,315,243	14.84
RBC Global Asset Management	4,052,784	8.78	3,616,724	8.41	3,688,303	8.23	3,618,209	8.13	3,310,821	7.78
EuroPacific Growth Fund (RERGX)	3,486,740	7.55	3,159,030	7.35	3,372,461	7.52	3,301,004	7.42	3,004,422	7.06
Total Fixed Income	5,080,940	11.00	8,262,974	19.21	8,560,027	19.09	9,374,628	21.07	9,074,100	21.33
Garcia Hamilton Fixed Income	1,784	0.00	6,279,283	14.60	6,521,932	14.55	6,858,831	15.42	6,642,125	15.61
Fidelity Inflation-Protected Bond (FIPDX)	2,072,995	4.49	1,983,690	4.61	2,038,095	4.55	2,515,797	5.65	2,431,975	5.72
Fidelity Short Term Bond Index (FNSOX)	3,006,160	6.51	-	0.00	-	0.00	-	0.00	-	0.00
Total Direct Real Estate	5,594,610	12.12	5,982,422	13.91	6,101,959	13.61	6,578,931	14.79	6,868,021	16.14
Intercontinental	4,149,178	8.99	4,429,070	10.30	4,496,989	10.03	4,920,388	11.06	5,134,899	12.07
ARA Core Property Fund	1,445,432	3.13	1,553,352	3.61	1,604,970	3.58	1,658,543	3.73	1,733,122	4.07
Cash Accounts										
R&D Account	5,135,413	11.12	1,043,908	2.43	835,029	1.86	718,694	1.62	782,876	1.84



Asset Allocation History by Portfolio

Total Fund

As of December 31, 2023

Asset Allocation Attributes												
	Domestic Equity		Foreign Equity		Broad Mkt Fixed Income		Direct Real Estate		Cash Equivalent		Total Fund	
	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%	(\$)	%
Total Fund Portfolio	22,824,386	49.43	7,539,524	16.33	5,079,156	11.00	5,583,179	12.09	5,148,629	11.15	46,174,872	100.00
Total Equity	22,824,386	75.17	7,539,524	24.83	-	-	-	-	-	-	30,363,909	65.76
Total Domestic Equity Securities	22,824,386	100.00	-	-	-	-	-	-	-	-	22,824,386	49.43
Allspring ACG R6 (EKJFX)	3,694,473	100.00	-	-	-	-	-	-	-	-	3,694,473	8.00
Fidelity Total Market Ix (FSKAX)	19,129,913	100.00	-	-	-	-	-	-	-	-	19,129,913	41.43
Total Foreign Equity Securities	-	-	7,539,524	100.00	-	-	-	-	-	-	7,539,524	16.33
RBC Global Asset Management	-	-	4,052,784	100.00	-	-	-	-	-	-	4,052,784	8.78
EuroPacific Growth Fund (RERGX)	-	-	3,486,740	100.00	-	-	-	-	-	-	3,486,740	7.55
Total Broad Mkt Fixed Income	-	-	-	-	5,079,156	99.96	-	-	1,784	0.04	5,080,940	11.00
Garcia Hamilton Fixed Income	-	-	-	-	-	-	-	-	1,784	100.00	1,784	0.00
Fidelity Short Term Bond Index (FNSOX)	-	-	-	-	3,006,160	100.00	-	-	-	-	3,006,160	6.51
Fidelity Inflation-Protected Bond (FIPDX)	-	-	-	-	2,072,995	100.00	-	-	-	-	2,072,995	4.49
Total Direct Real Estate	-	-	-	-	-	-	5,583,179	99.80	11,431	0.20	5,594,610	12.12
Intercontinental	-	-	-	-	-	-	4,149,178	100.00	-	-	4,149,178	8.99
ARA Core Property Fund	-	-	-	-	-	-	1,434,001	99.21	11,431	0.79	1,445,432	3.13
Cash Accounts												
R&D Account	-	-	-	-	-	-	-	-	5,135,413	100.00	5,135,413	11.12

All cash levels include accruals.



Comparative Performance Trailing Returns

Total Fund

As of December 31, 2023

Comparative Performance											
	QTR	FYTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception	Inception Date	
Total Fund Portfolio (Net)	8.10 (53)	8.10 (53)	13.43 (47)	13.43 (47)	5.21 (13)	8.84 (42)	7.83 (34)	7.00 (24)	7.67 (49)	07/01/1991	
Total Fund Policy	7.51 (69)	7.51 (69)	12.97 (54)	12.97 (54)	4.50 (27)	9.43 (19)	8.27 (19)	7.53 (11)	8.26 (23)		
Difference	0.59	0.59	0.46	0.46	0.71	-0.59	-0.44	-0.53	-0.59		
All Public Plans-Total Fund Median	8.19	8.19	13.22	13.22	3.67	8.67	7.53	6.53	7.64		
Total Fund Portfolio (Gross)	8.06	8.06	13.65	13.65	5.72	9.37	8.39	7.61	8.21	07/01/1991	
Total Fund Policy	7.51	7.51	12.97	12.97	4.50	9.43	8.27	7.53	8.26		
Difference	0.55	0.55	0.68	0.68	1.22	-0.06	0.12	0.08	-0.05		
Total Equity Securities	12.20	12.20	24.76	24.76	7.80	12.74	10.79	9.01	7.92	01/01/2008	
Total Equity Securities Policy	11.54	11.54	23.41	23.41	6.71	13.13	11.24	9.63	7.93		
Difference	0.66	0.66	1.35	1.35	1.09	-0.39	-0.45	-0.62	-0.01		
Total Domestic Equity Securities	12.50 (39)	12.50 (39)	26.54 (22)	26.54 (22)	9.84 (24)	15.02 (21)	12.46 (25)	10.66 (25)	9.03 (32)	01/01/2008	
Russell 3000 Index	12.07 (44)	12.07 (44)	25.96 (24)	25.96 (24)	8.54 (37)	15.16 (20)	12.81 (22)	11.48 (17)	9.67 (20)		
Difference	0.43	0.43	0.58	0.58	1.30	-0.14	-0.35	-0.82	-0.64		
IM U.S. Equity (MF) Median	11.69	11.69	17.20	17.20	7.10	11.95	9.45	8.51	8.10		
Total Foreign Equity Securities	11.28 (28)	11.28 (28)	19.43 (37)	19.43 (37)	2.19 (63)	6.28 (96)	6.09 (88)	4.41 (79)	4.47 (36)	01/01/2008	
Total Foreign Equity Securities Policy	9.75 (60)	9.75 (60)	15.62 (77)	15.62 (77)	1.55 (70)	7.26 (85)	6.60 (82)	4.16 (86)	2.52 (95)		
Difference	1.53	1.53	3.81	3.81	0.64	-0.98	-0.51	0.25	1.95		
IM International Large Cap Equity (SA+CF) Median	10.09	10.09	18.02	18.02	3.47	8.93	7.71	5.26	4.00		

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Comparative Performance Trailing Returns

Total Fund

As of December 31, 2023

	QTR	FYTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception	Inception Date
Total Fixed Income	6.46 (88)	6.46 (88)	4.98 (96)	4.98 (96)	-1.47 (7)	2.49 (9)	2.33 (9)	2.50 (23)	3.97 (11)	01/01/2008
Total Fixed Income Policy	5.34 (100)	5.34 (100)	4.93 (96)	4.93 (96)	-2.18 (11)	1.87 (28)	1.81 (45)	2.14 (67)	3.06 (77)	
Difference	1.12	1.12	0.05	0.05	0.71	0.62	0.52	0.36	0.91	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	6.82	6.82	6.06	6.06	-3.01	1.64	1.76	2.25	3.41	
Broad Mkt Fixed Income	7.20 (18)	7.20 (18)	5.47 (85)	5.47 (85)	-0.94 (4)	2.82 (6)	2.57 (7)	2.66 (13)	4.07 (5)	01/01/2008
Blmbg. U.S. Aggregate Index	6.82 (53)	6.82 (53)	5.53 (85)	5.53 (85)	-3.31 (79)	1.10 (95)	1.29 (97)	1.81 (95)	2.84 (93)	
Difference	0.38	0.38	-0.06	-0.06	2.37	1.72	1.28	0.85	1.23	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	6.82	6.82	6.06	6.06	-3.01	1.64	1.76	2.25	3.41	
Non-Core Fixed	4.50 (42)	4.50 (42)	3.78 (67)	3.78 (67)	N/A	N/A	N/A	N/A	-2.67 (55)	10/01/2021
Bloomberg U.S. TIPS Index	4.71 (34)	4.71 (34)	3.90 (62)	3.90 (62)	-1.00 (65)	3.15 (85)	2.49 (85)	2.42 (53)	-2.83 (61)	
Difference	-0.21	-0.21	-0.12	-0.12	N/A	N/A	N/A	N/A	0.16	
IM U.S. TIPS (MF) Median	4.38	4.38	4.28	4.28	-0.44	3.36	2.68	2.43	-2.35	
Total Direct Real Estate	-6.48 (82)	-6.48 (82)	-15.40 (82)	-15.40 (82)	4.22 (65)	4.60 (55)	5.96 (34)	8.13 (32)	9.51 (43)	01/01/2011
Direct Real Estate Policy	-4.83 (61)	-4.83 (61)	-12.02 (55)	-12.02 (55)	4.92 (51)	4.53 (58)	5.18 (62)	6.90 (71)	8.04 (80)	
Difference	-1.65	-1.65	-3.38	-3.38	-0.70	0.07	0.78	1.23	1.47	
IM U.S. Open End Private Real Estate (SA+CF) Median	-4.20	-4.20	-10.48	-10.48	5.00	4.66	5.76	7.61	9.22	

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Comparative Performance Trailing Returns

Total Fund

As of December 31, 2023

	QTR	FYTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception	Inception Date
Total Domestic Equity Securities	12.50 (36)	12.50 (36)	26.54 (31)	26.54 (31)	9.84 (37)	15.02 (37)	12.46 (41)	10.66 (46)	9.03 (62)	01/01/2008
Russell 3000 Index	12.07 (45)	12.07 (45)	25.96 (35)	25.96 (35)	8.54 (54)	15.16 (36)	12.81 (37)	11.48 (31)	9.67 (47)	
Difference	0.43	0.43	0.58	0.58	1.30	-0.14	-0.35	-0.82	-0.64	
IM U.S. All Cap Equity (SA+CF+MF) Median	11.83	11.83	21.69	21.69	8.74	13.92	11.76	10.40	9.56	
Allspring ACG R6 (EKJFX)	13.83 (60)	13.83 (60)	33.48 (86)	33.48 (86)	0.39 (95)	13.63 (90)	14.53 (71)	10.86 (90)	12.07 (90)	09/01/2013
Russell 1000 Growth Index	14.16 (48)	14.16 (48)	42.68 (37)	42.68 (37)	8.86 (12)	19.50 (7)	17.68 (10)	14.86 (4)	15.94 (5)	
Difference	-0.33	-0.33	-9.20	-9.20	-8.47	-5.87	-3.15	-4.00	-3.87	
IM U.S. Large Cap Growth Equity (MF) Median	14.07	14.07	40.78	40.78	5.70	16.40	15.32	12.59	13.90	
Fidelity Total Market Ix (FSKAX)	12.16 (38)	12.16 (38)	26.13 (49)	26.13 (49)	N/A	N/A	N/A	N/A	3.57 (73)	08/01/2021
Dow Jones U.S. Total Stock Market Index	12.13 (38)	12.13 (38)	26.06 (50)	26.06 (50)	8.43 (85)	15.05 (67)	12.72 (79)	11.40 (72)	3.52 (75)	
Difference	0.03	0.03	0.07	0.07	N/A	N/A	N/A	N/A	0.05	
IM U.S. Large Cap Core Equity (MF) Median	11.92	11.92	25.86	25.86	9.52	15.54	13.40	11.90	4.55	
Total Foreign Equity Securities	11.28 (28)	11.28 (28)	19.43 (37)	19.43 (37)	2.19 (63)	6.28 (96)	6.09 (88)	4.41 (79)	4.47 (36)	01/01/2008
Total Foreign Equity Securities Policy	9.75 (60)	9.75 (60)	15.62 (77)	15.62 (77)	1.55 (70)	7.26 (85)	6.60 (82)	4.16 (86)	2.52 (95)	
Difference	1.53	1.53	3.81	3.81	0.64	-0.98	-0.51	0.25	1.95	
IM International Large Cap Equity (SA+CF) Median	10.09	10.09	18.02	18.02	3.47	8.93	7.71	5.26	4.00	
RBC Global Asset Management	12.08 (6)	12.08 (6)	22.50 (13)	22.50 (13)	5.24 (55)	8.17 (58)	7.44 (46)	5.69 (23)	6.03 (17)	01/01/2008
MSCI EAFE (Net) Index	10.42 (19)	10.42 (19)	18.24 (58)	18.24 (58)	4.02 (75)	8.16 (58)	6.91 (62)	4.28 (77)	2.76 (84)	
Difference	1.66	1.66	4.26	4.26	1.22	0.01	0.53	1.41	3.27	
MSCI EAFE Value Index (Net)	8.22 (73)	8.22 (73)	18.95 (51)	18.95 (51)	7.59 (34)	7.08 (83)	5.52 (90)	3.16 (93)	1.87 (98)	
Difference	3.86	3.86	3.55	3.55	-2.35	1.09	1.92	2.53	4.16	
IM International Large Cap Value Equity (SA+CF) Median	8.90	8.90	18.97	18.97	5.97	8.50	7.38	5.04	3.91	
EuroPacific Growth Fund (RERGX)	10.37 (69)	10.37 (69)	16.05 (66)	16.05 (66)	N/A	N/A	N/A	N/A	-5.19 (72)	08/01/2021
MSCI AC World ex USA (Net)	9.75 (78)	9.75 (78)	15.62 (71)	15.62 (71)	1.55 (49)	7.08 (97)	6.33 (98)	3.83 (94)	-1.03 (41)	
Difference	0.62	0.62	0.43	0.43	N/A	N/A	N/A	N/A	-4.16	
MSCI AC World ex USA Growth (Net)	11.12 (50)	11.12 (50)	14.03 (77)	14.03 (77)	-2.67 (84)	7.49 (95)	7.14 (86)	4.55 (92)	-5.20 (72)	
Difference	-0.75	-0.75	2.02	2.02	N/A	N/A	N/A	N/A	0.01	
IM International Large Cap Growth Equity (MF) Median	11.12	11.12	16.59	16.59	1.36	9.54	8.46	5.47	-1.91	

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Comparative Performance Trailing Returns

Total Fund

As of December 31, 2023

	QTR	FYTD	YTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception	Inception Date
Broad Mkt Fixed Income	7.20 (18)	7.20 (18)	5.47 (85)	5.47 (85)	-0.94 (4)	2.82 (6)	2.57 (7)	2.66 (13)	4.07 (5)	01/01/2008
Bimbg. U.S. Aggregate Index	6.82 (53)	6.82 (53)	5.53 (85)	5.53 (85)	-3.31 (79)	1.10 (95)	1.29 (97)	1.81 (95)	2.84 (93)	
Difference	0.38	0.38	-0.06	-0.06	2.37	1.72	1.28	0.85	1.23	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	6.82	6.82	6.06	6.06	-3.01	1.64	1.76	2.25	3.41	
Fidelity Short Term Bond Index (FNSOX)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	01/01/2024
Bloomberg 1-5 Year Gov/Credit Idx	3.44 (15)	3.44 (15)	4.89 (88)	4.89 (88)	-0.62 (97)	1.54 (89)	1.48 (87)	1.43 (84)	N/A	
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
IM U.S. Short Duration Fixed Income (MF) Median	2.93	2.93	6.05	6.05	1.13	2.40	2.26	2.02	N/A	
Non-Core Fixed	4.50 (42)	4.50 (42)	3.78 (67)	3.78 (67)	N/A	N/A	N/A	N/A	-2.67 (55)	10/01/2021
Bloomberg U.S. TIPS Index	4.71 (34)	4.71 (34)	3.90 (62)	3.90 (62)	-1.00 (65)	3.15 (85)	2.49 (85)	2.42 (53)	-2.83 (61)	
Difference	-0.21	-0.21	-0.12	-0.12	N/A	N/A	N/A	N/A	0.16	
IM U.S. TIPS (MF) Median	4.38	4.38	4.28	4.28	-0.44	3.36	2.68	2.43	-2.35	
Fidelity Inflation-Protected Bond (FIPDX)	4.50 (42)	4.50 (42)	3.78 (67)	3.78 (67)	N/A	N/A	N/A	N/A	-2.99 (75)	10/01/2021
Bloomberg U.S. TIPS Index	4.71 (34)	4.71 (34)	3.90 (62)	3.90 (62)	-1.00 (65)	3.15 (85)	2.49 (85)	2.42 (53)	-2.83 (61)	
Difference	-0.21	-0.21	-0.12	-0.12	N/A	N/A	N/A	N/A	-0.16	
IM U.S. TIPS (MF) Median	4.38	4.38	4.28	4.28	-0.44	3.36	2.68	2.43	-2.35	
Total Direct Real Estate	-6.48 (82)	-6.48 (82)	-15.40 (82)	-15.40 (82)	4.22 (65)	4.60 (55)	5.96 (34)	8.13 (32)	9.51 (43)	01/01/2011
Direct Real Estate Policy	-4.83 (61)	-4.83 (61)	-12.02 (55)	-12.02 (55)	4.92 (51)	4.53 (58)	5.18 (62)	6.90 (71)	8.04 (80)	
Difference	-1.65	-1.65	-3.38	-3.38	-0.70	0.07	0.78	1.23	1.47	
IM U.S. Open End Private Real Estate (SA+CF) Median	-4.20	-4.20	-10.48	-10.48	5.00	4.66	5.76	7.61	9.22	
Intercontinental	-6.65 (83)	-6.65 (83)	-16.20 (87)	-16.20 (87)	3.93 (71)	4.55 (58)	6.00 (33)	8.31 (22)	9.86 (N/A)	02/01/2011
Direct Real Estate Policy	-4.83 (61)	-4.83 (61)	-12.02 (55)	-12.02 (55)	4.92 (51)	4.53 (58)	5.18 (62)	6.90 (71)	8.09 (N/A)	
Difference	-1.82	-1.82	-4.18	-4.18	-0.99	0.02	0.82	1.41	1.77	
IM U.S. Open End Private Real Estate (SA+CF) Median	-4.20	-4.20	-10.48	-10.48	5.00	4.66	5.76	7.61	N/A	
American Core Realty Fund	-5.99 (80)	-5.99 (80)	-13.06 (63)	-13.06 (63)	5.00 (50)	4.57 (58)	5.65 (58)	7.32 (56)	8.57 (63)	01/01/2011
Direct Real Estate Policy	-4.83 (61)	-4.83 (61)	-12.02 (55)	-12.02 (55)	4.92 (51)	4.53 (58)	5.18 (62)	6.90 (71)	8.04 (80)	
Difference	-1.16	-1.16	-1.04	-1.04	0.08	0.04	0.47	0.42	0.53	
IM U.S. Open End Private Real Estate (SA+CF) Median	-4.20	-4.20	-10.48	-10.48	5.00	4.66	5.76	7.61	9.22	

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Financial Reconciliation									
	Market Value 10/01/2023	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2023
Total Fund Portfolio	43,006,629	-	879,851	-1,173,891	23,516	-32,126	1,236,194	2,234,698	46,174,872
Total Equity Securities	27,717,325	-700,067	-	-	-8,854	-681	1,079,455	2,276,730	30,363,909
Total Domestic Equity Securities	20,941,571	-708,921	-	-	-	-	944,138	1,647,597	22,824,386
Fidelity Total Market Ix (FSKAX)	17,056,524	-	-	-	-	-	235,217	1,838,172	19,129,913
Allspring ACG R6 (EKJFX)	3,885,048	-708,921	-	-	-	-	708,921	-190,575	3,694,473
Total Foreign Equity Securities	6,775,754	8,854	-	-	-8,854	-681	135,318	629,133	7,539,524
RBC Global Asset Management	3,616,724	8,854	-	-	-8,854	-681	15,144	421,596	4,052,784
EuroPacific Growth Fund (RERGX)	3,159,030	-	-	-	-	-	120,174	207,537	3,486,740
Total Fixed Income	8,262,974	-3,655,952	-	-	-3,923	-624	120,175	358,291	5,080,940
Garcia Hamilton Fixed Income	6,279,283	-6,648,336	-	-	-3,923	-624	43,055	332,330	1,784
Fidelity Inflation-Protected Bond (FIPDX)	1,983,690	-	-	-	-	-	69,504	19,801	2,072,995
Fidelity Short Term Bond Index (FNSOX)	-	2,992,384	-	-	-	-	7,616	6,160	3,006,160
Total Direct Real Estate	5,982,422	-39,199	-	-	36,294	-	15,417	-400,324	5,594,610
Intercontinental	4,429,070	-27,553	-	-	40,280	-	-	-292,619	4,149,178
ARA Core Property Fund	1,553,352	-11,646	-	-	-3,986	-	15,417	-107,705	1,445,432
Cash Accounts									
R&D Account	1,043,908	4,395,218	879,851	-1,173,891	-	-30,820	21,147	-	5,135,413

Financial Reconciliation									
	Market Value 10/01/2023	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2023
Total Fund Portfolio	43,006,629	-	879,851	-1,173,891	23,516	-32,126	1,236,194	2,234,698	46,174,872
Total Equity Securities	27,717,325	-700,067	-	-	-8,854	-681	1,079,455	2,276,730	30,363,909
Total Domestic Equity Securities	20,941,571	-708,921	-	-	-	-	944,138	1,647,597	22,824,386
Fidelity Total Market Ix (FSKAX)	17,056,524	-	-	-	-	-	235,217	1,838,172	19,129,913
Allspring ACG R6 (EKJFX)	3,885,048	-708,921	-	-	-	-	708,921	-190,575	3,694,473
Total Foreign Equity Securities	6,775,754	8,854	-	-	-8,854	-681	135,318	629,133	7,539,524
RBC Global Asset Management	3,616,724	8,854	-	-	-8,854	-681	15,144	421,596	4,052,784
EuroPacific Growth Fund (RERGX)	3,159,030	-	-	-	-	-	120,174	207,537	3,486,740
Total Fixed Income	8,262,974	-3,655,952	-	-	-3,923	-624	120,175	358,291	5,080,940
Garcia Hamilton Fixed Income	6,279,283	-6,648,336	-	-	-3,923	-624	43,055	332,330	1,784
Fidelity Inflation-Protected Bond (FIPDX)	1,983,690	-	-	-	-	-	69,504	19,801	2,072,995
Fidelity Short Term Bond Index (FNSOX)	-	2,992,384	-	-	-	-	7,616	6,160	3,006,160
Total Direct Real Estate	5,982,422	-39,199	-	-	36,294	-	15,417	-400,324	5,594,610
Intercontinental	4,429,070	-27,553	-	-	40,280	-	-	-292,619	4,149,178
ARA Core Property Fund	1,553,352	-11,646	-	-	-3,986	-	15,417	-107,705	1,445,432
Cash Accounts									
R&D Account	1,043,908	4,395,218	879,851	-1,173,891	-	-30,820	21,147	-	5,135,413

Comparative Performance Fiscal Year Returns

Total Fund

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		
Total Fund Portfolio (Net)	10.19 (58)	-12.82 (29)	26.83 (3)	3.72 (94)	1.34 (96)	9.81 (17)	12.65 (31)	9.45 (48)	2.22 (4)	8.70 (79)		
Total Fund Policy	10.42 (54)	-11.94 (20)	19.52 (58)	10.33 (30)	5.09 (19)	8.67 (35)	11.96 (47)	11.01 (9)	0.20 (23)	11.05 (20)		
Difference	-0.23	-0.88	7.31	-6.61	-3.75	1.14	0.69	-1.56	2.02	-2.35		
All Public Plans-Total Fund Median	10.57	-14.79	19.90	8.62	3.99	7.94	11.83	9.38	-0.70	9.66		
Total Fund Portfolio (Gross)	10.55	-12.08	27.33	4.23	2.02	10.41	13.43	10.24	2.92	9.45		
Total Fund Policy	10.42	-11.94	19.52	10.33	5.09	8.67	11.96	11.01	0.20	11.05		
Difference	0.13	-0.14	7.81	-6.10	-3.07	1.74	1.47	-0.77	2.72	-1.60		
Total Equity Securities	22.42	-22.29	42.30	3.39	-1.90	13.89	18.76	11.77	0.02	10.93		
Total Equity Securities Policy	20.60	-19.83	29.89	12.05	2.04	13.62	19.14	13.68	-3.37	14.53		
Difference	1.82	-2.46	12.41	-8.66	-3.94	0.27	-0.38	-1.91	3.39	-3.60		
Total Domestic Equity Securities	22.04 (25)	-19.77 (66)	43.70 (13)	7.77 (55)	-0.75 (72)	16.69 (45)	17.47 (65)	12.10 (54)	1.65 (31)	13.50 (79)		
Russell 3000 Index	20.46 (36)	-17.63 (59)	31.88 (53)	15.00 (37)	2.92 (42)	17.58 (41)	18.71 (53)	14.96 (26)	-0.49 (46)	17.76 (41)		
Difference	1.58	-2.14	11.82	-7.23	-3.67	-0.89	-1.24	-2.86	2.14	-4.26		
IM U.S. All Cap Equity (SA+CF+MF) Median	18.57	-16.25	32.17	9.87	1.99	15.51	18.89	12.66	-0.81	17.14		
Manning & Napier Equity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Russell 3000 Value Index	14.05 (65)	-11.79 (49)	36.64 (62)	-5.67 (69)	3.10 (44)	9.46 (75)	15.53 (66)	16.38 (33)	-4.22 (66)	17.66 (27)		
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
IM U.S. All Cap Value Equity (SA+CF) Median	17.29	-12.10	39.55	-2.53	1.58	11.91	17.69	14.43	-2.76	15.35		
ICC Multi-Cap Equity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Russell 3000 Index	20.46 (55)	-17.63 (79)	31.88 (40)	15.00 (41)	2.92 (52)	17.58 (50)	18.71 (56)	14.96 (29)	-0.49 (62)	17.76 (70)		
Difference	N/A	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 (SA+CF) Median	20.82	-14.98	30.78	13.41	3.16	17.48	19.04	13.19	0.11	19.36		
S&P 500 Index Fund (VIFSX)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
S&P 500 Index	21.62 (3)	-15.47 (1)	30.00 (2)	15.15 (8)	4.25 (10)	17.91 (2)	18.61 (2)	15.43 (4)	-0.61 (2)	19.73 (1)		
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
IM S&P 500 Index (MF) Median	21.28	-15.72	29.60	14.81	3.94	17.52	18.17	14.99	-1.04	19.23		
GAMCO All Cap Value (Equity)	N/A	N/A	N/A	N/A	N/A	6.66 (89)	15.89 (63)	12.90 (60)	1.27 (14)	15.44 (50)		
Russell 3000 Value Index	14.05 (65)	-11.79 (48)	36.64 (62)	-5.67 (69)	3.10 (44)	9.46 (75)	15.53 (66)	16.38 (33)	-4.22 (66)	17.66 (27)		
Difference	N/A	N/A	N/A	N/A	N/A	-2.80	0.36	-3.48	5.49	-2.22		
IM U.S. All Cap Value Equity (SA+CF) Median	17.29	-12.32	39.55	-2.53	1.58	11.91	17.69	14.51	-2.76	15.35		

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Comparative Performance Fiscal Year Returns

Total Fund

As of December 31, 2023

	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
Vanguard S&P Mid-Cap 400 Index (VSPMX)	N/A	N/A	N/A	-2.23 (29)	-2.55 (33)	14.14 (27)	17.43 (40)	15.26 (23)	1.34 (16)	11.86 (18)
S&P MidCap 400 Index	15.51 (27)	-15.25 (39)	43.68 (60)	-2.16 (29)	-2.49 (32)	14.21 (27)	17.52 (39)	15.33 (23)	1.40 (16)	11.82 (18)
Difference	N/A	N/A	N/A	-0.07	-0.06	-0.07	-0.09	-0.07	-0.06	0.04
IM U.S. SMID Cap Core Equity (MF) Median	13.71	-17.06	44.98	-5.88	-4.78	10.92	16.89	12.22	-1.36	9.35
Dodge & Cox Stock Fund (DODGX)	N/A	-13.09 (77)	50.41 (5)	-2.39 (46)	N/A	N/A	N/A	N/A	N/A	N/A
Russell 1000 Value Index	14.44 (57)	-11.36 (67)	35.01 (41)	-5.03 (72)	4.00 (41)	9.45 (70)	15.12 (80)	16.19 (20)	-4.42 (48)	18.89 (15)
Difference	N/A	-1.73	15.40	2.64	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Value Equity (MF) Median	15.11	-9.58	33.01	-2.87	3.14	11.93	17.34	13.33	-4.54	17.04
Allspring ACG R6 (EKJFX)	17.90 (57)	-32.77 (99)	27.84 (70)	31.84 (1)	3.52 (32)	31.23 (1)	20.39 (21)	6.72 (85)	1.69 (20)	12.97 (78)
Russell 1000 Growth Index	27.72 (2)	-22.59 (87)	27.32 (73)	37.53 (1)	3.71 (31)	26.30 (2)	21.94 (11)	13.76 (24)	3.17 (11)	19.15 (19)
Difference	-9.82	-10.18	0.52	-5.69	-0.19	4.93	-1.55	-7.04	-1.48	-6.18
IM U.S. Multi-Cap Core Equity (MF) Median	18.77	-17.28	30.69	11.14	1.48	15.61	18.24	11.19	-1.56	16.32
Vanguard 500 Index (VFIAX)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S&P 500 Index	21.62 (3)	-15.47 (1)	30.00 (2)	15.15 (8)	4.25 (10)	17.91 (2)	18.61 (2)	15.43 (4)	-0.61 (2)	19.73 (1)
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM S&P 500 Index (MF) Median	21.28	-15.72	29.60	14.81	3.94	17.52	18.17	14.99	-1.04	19.23
Fidelity Total Market Ix (FSKAX)	20.56 (65)	-18.03 (81)	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 (66)	-18.05 (81)	32.13 (20)	14.77 (56)	2.81 (67)	17.58 (52)	18.67 (59)	14.93 (38)	-0.55 (52)	17.69 (65)
Difference	0.07	0.02	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	21.74	-16.63	29.82	15.61	4.19	17.72	19.40	14.18	-0.51	18.67

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Comparative Performance Fiscal Year Returns

Total Fund

As of December 31, 2023

	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
Total Foreign Equity Securities	23.75 (48)	-29.36 (80)	39.23 (7)	-9.12 (95)	-5.36 (84)	6.78 (16)	22.66 (30)	10.75 (29)	-4.36 (28)	4.04 (69)
Total Foreign Equity Securities Policy	20.39 (70)	-25.17 (50)	23.92 (66)	3.41 (55)	-0.72 (42)	2.25 (54)	20.15 (51)	9.80 (36)	-11.78 (87)	5.22 (54)
Difference	3.36	-4.19	15.31	-12.53	-4.64	4.53	2.51	0.95	7.42	-1.18
IM International Large Cap Equity (SA+CF) Median	23.27	-25.33	26.20	4.60	-1.64	2.62	20.20	8.59	-6.91	5.52
RBC Global Asset Management	27.57 (57)	-25.79 (74)	39.43 (15)	-9.12 (87)	-5.36 (73)	6.78 (4)	22.66 (36)	10.75 (29)	-4.36 (21)	10.08 (7)
MSCI EAFE (Net) Index	25.65 (68)	-25.13 (72)	25.73 (75)	0.49 (27)	-1.34 (32)	2.74 (30)	19.10 (58)	6.52 (70)	-8.66 (44)	4.25 (70)
Difference	1.92	-0.66	13.70	-9.61	-4.02	4.04	3.56	4.23	4.30	5.83
MSCI EAFE Value Index (Net)	31.51 (34)	-20.16 (25)	30.66 (52)	-11.93 (94)	-4.92 (67)	-0.36 (76)	22.55 (37)	3.52 (89)	-12.60 (80)	5.65 (52)
Difference	-3.94	-5.63	8.77	2.81	-0.44	7.14	0.11	7.23	8.24	4.43
IM International Large Cap Value Equity (SA+CF) Median	28.80	-22.72	31.24	-5.37	-3.18	1.35	20.93	8.42	-9.29	5.84
Baring International Portfolio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Foreign Equity Securities Policy	20.39 (36)	-25.17 (21)	23.92 (46)	3.41 (95)	-0.72 (64)	2.25 (85)	20.15 (44)	9.80 (49)	-11.78 (96)	5.22 (48)
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM International Large Cap Growth Equity (SA+CF) Median	19.22	-29.81	23.26	18.47	1.30	6.09	19.41	9.71	-4.50	5.05
EuroPacific Growth Fund (RERGX)	19.64 (59)	-32.85 (83)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI AC World ex USA (Net)	20.39 (45)	-25.17 (17)	23.92 (35)	3.00 (91)	-1.23 (82)	1.76 (69)	19.61 (39)	9.26 (38)	-12.16 (99)	4.77 (59)
Difference	-0.75	-7.68	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MSCI AC World ex USA Growth (Net)	15.84 (92)	-30.22 (64)	16.95 (90)	17.54 (42)	2.03 (56)	3.08 (59)	17.68 (67)	11.50 (16)	-8.12 (80)	4.29 (62)
Difference	3.80	-2.63	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM International Large Cap Growth Equity (MF) Median	20.18	-27.88	21.93	15.53	2.71	3.57	18.85	8.68	-4.54	5.59

Returns for periods greater than one year are annualized.

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Comparative Performance Fiscal Year Returns

Total Fund

As of December 31, 2023

	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
Total Fixed Income	0.83 (80)	-9.94 (10)	-0.05 (85)	7.78 (38)	10.07 (57)	-0.45 (50)	0.33 (89)	5.06 (88)	2.28 (57)	4.31 (78)
Total Fixed Income Policy	1.39 (63)	-11.02 (12)	-0.87 (94)	7.41 (46)	9.90 (62)	-1.01 (79)	-0.03 (96)	5.37 (78)	2.47 (51)	3.66 (92)
Difference	-0.56	1.08	0.82	0.37	0.17	0.56	0.36	-0.31	-0.19	0.65
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
PIMCO Total Return Instl (PTTRX)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.29 (84)
Blmbg. U.S. Aggregate Index	0.64 (57)	-14.60 (24)	-0.90 (84)	6.98 (49)	10.30 (24)	-1.22 (42)	0.07 (65)	5.19 (53)	2.94 (9)	3.96 (61)
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-0.67
IM U.S. Broad Market Core Fixed Income (MF) Median	0.77	-15.29	0.17	6.94	9.78	-1.32	0.50	5.23	1.96	4.24
Garcia Hamilton Fixed Income	0.74 (63)	-9.19 (1)	-1.32 (94)	7.16 (60)	8.49 (96)	0.78 (4)	0.33 (65)	5.55 (56)	3.80 (8)	6.46 (5)
Garcia Policy ^	1.42 (26)	-10.90 (2)	-0.90 (83)	6.98 (76)	10.30 (69)	-1.22 (88)	0.07 (84)	5.19 (79)	2.94 (62)	3.96 (79)
Difference	-0.68	1.71	-0.42	0.18	-1.81	2.00	0.26	0.36	0.86	2.50
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
Vanguard TIPS (VAIPX)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-0.73	1.49
Bloomberg U.S. TIPS Index	1.25	-11.57	5.19	10.08	7.13	0.41	-0.73	6.58	-0.83	1.59
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.10	-0.10
Metropolitan West Total Return Bond (MWTIX)	N/A	N/A	1.21 (20)	8.03 (18)	10.57 (12)	-0.97 (28)	0.31 (57)	4.84 (72)	N/A	N/A
Blmbg. U.S. Aggregate Index	0.64 (57)	-14.60 (24)	-0.90 (84)	6.98 (49)	10.30 (24)	-1.22 (42)	0.07 (65)	5.19 (53)	2.94 (9)	3.96 (61)
Difference	N/A	N/A	2.11	1.05	0.27	0.25	0.24	-0.35	N/A	N/A
IM U.S. Broad Market Core Fixed Income (MF) Median	0.77	-15.29	0.17	6.94	9.78	-1.32	0.50	5.23	1.96	4.24
Fidelity Inflation-Protected Bond (FIPDX)	1.23 (69)	-11.72 (71)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bloomberg U.S. TIPS Index	1.25 (68)	-11.57 (65)	5.19 (75)	10.08 (36)	7.13 (32)	0.41 (82)	-0.73 (83)	6.58 (49)	-0.83 (28)	1.59 (58)
Difference	-0.02	-0.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. TIPS (MF) Median	2.15	-11.33	5.73	9.39	6.42	0.89	0.28	6.57	-1.21	1.66
Fidelity Short Term Bond Index (FNSOX)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bloomberg 1-5 Year Gov/Credit Idx	2.62 (81)	-7.29 (90)	0.08 (77)	4.88 (3)	6.01 (2)	-0.38 (87)	0.51 (75)	2.06 (27)	1.97 (4)	1.15 (42)
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IM U.S. Short Duration Fixed Income (MF) Median	3.92	-5.32	0.69	2.88	3.89	0.67	1.08	1.44	0.48	0.96

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Comparative Performance Fiscal Year Returns

Total Fund

As of December 31, 2023

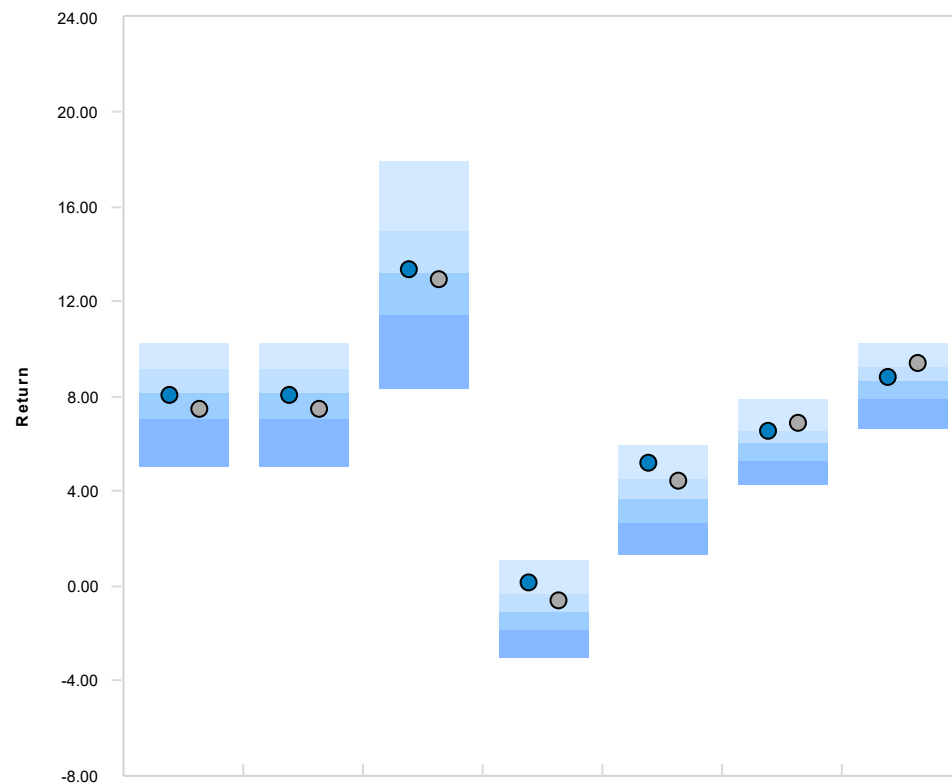
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014
Total Direct Real Estate	-15.03 (81)	26.33 (15)	13.52 (75)	3.86 (15)	8.02 (27)	10.80 (20)	10.87 (11)	12.32 (29)	14.00 (58)	13.48 (40)
Direct Real Estate Policy	-12.14 (38)	22.09 (44)	14.63 (57)	1.75 (42)	6.24 (70)	7.16 (88)	6.89 (63)	9.22 (89)	13.48 (69)	11.26 (86)
Difference	-2.89	4.24	-1.11	2.11	1.78	3.64	3.98	3.10	0.52	2.22
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
Intercontinental	-15.88 (86)	26.49 (13)	13.56 (75)	4.41 (11)	8.32 (19)	11.40 (9)	11.80 (6)	13.27 (19)	14.01 (58)	14.03 (32)
Direct Real Estate Policy	-12.14 (38)	22.09 (44)	14.63 (57)	1.75 (42)	6.24 (70)	7.16 (88)	6.89 (63)	9.22 (89)	13.48 (69)	11.26 (86)
Difference	-3.74	4.40	-1.07	2.66	2.08	4.24	4.91	4.05	0.53	2.77
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
ARA Core Property Fund	-12.54 (47)	25.79 (18)	13.51 (75)	1.62 (49)	6.81 (50)	8.50 (61)	7.52 (53)	9.04 (90)	13.99 (58)	12.49 (68)
Direct Real Estate Policy	-12.14 (38)	22.09 (44)	14.63 (57)	1.75 (42)	6.24 (70)	7.16 (88)	6.89 (63)	9.22 (89)	13.48 (69)	11.26 (86)
Difference	-0.40	3.70	-1.12	-0.13	0.57	1.34	0.63	-0.18	0.51	1.23
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

Returns for periods greater than one year are annualized.

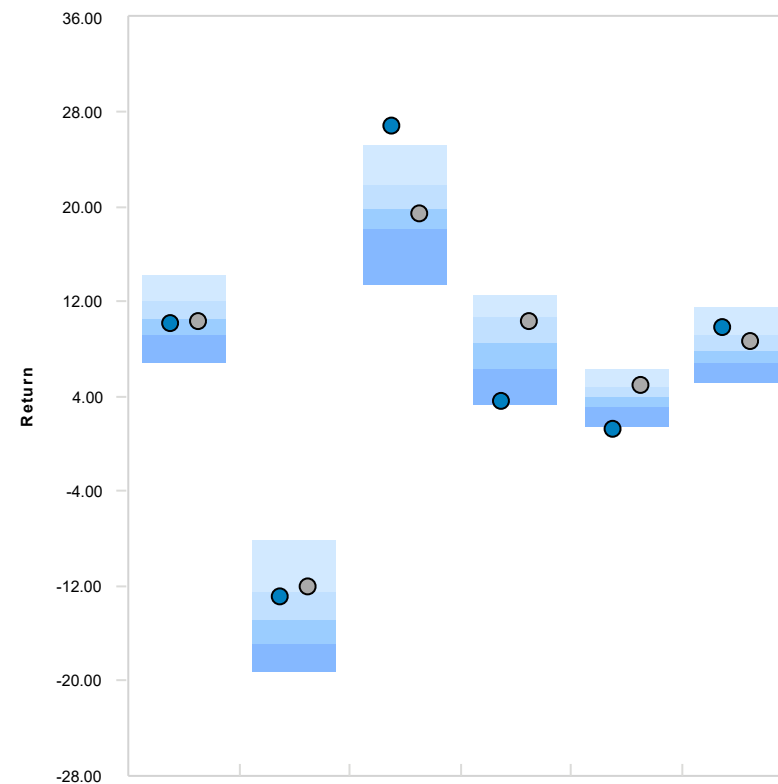
Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Plan Sponsor Peer Group Analysis - All Public Plans-Total Fund



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Total Fund (Net)	8.10 (53)	8.10 (53)	13.43 (47)	0.17 (14)	5.21 (13)	6.57 (26)	8.84 (42)
● Total Fund Policy	7.51 (69)	7.51 (69)	12.97 (54)	-0.57 (32)	4.50 (27)	6.88 (18)	9.43 (19)
Median	8.19	8.19	13.22	-1.06	3.67	6.03	8.67

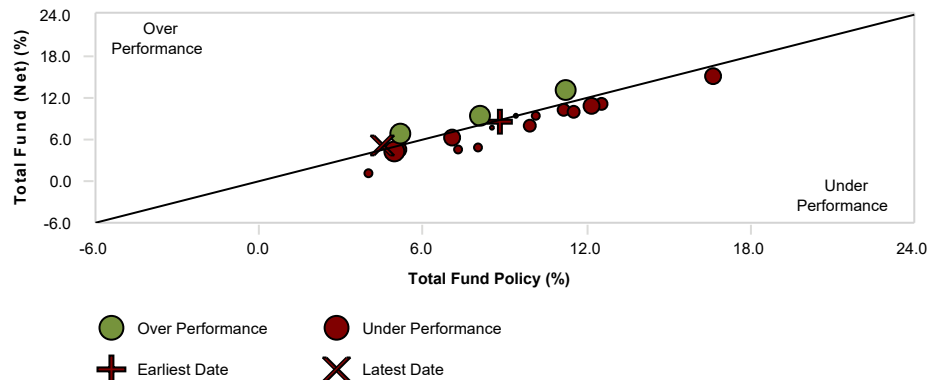


	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Total Fund (Net)	10.19 (58)	-12.82 (29)	26.83 (3)	3.72 (94)	1.34 (96)	9.81 (17)
● Total Fund Policy	10.42 (54)	-11.94 (20)	19.52 (58)	10.33 (30)	5.09 (19)	8.67 (35)
Median	10.57	-14.79	19.90	8.62	3.99	7.94

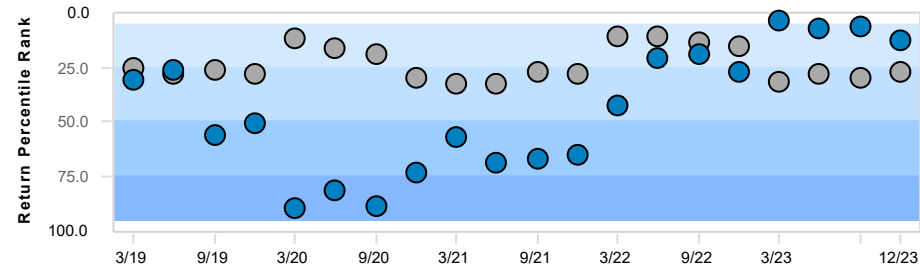
Comparative Performance

	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 (Net)	-3.27 (70)	3.47 (42)	4.83 (25)	5.02 (74)	-4.67 (65)	-8.87 (19)
Total Fund Policy	-2.81 (46)	3.50 (41)	4.46 (43)	5.08 (71)	-4.38 (53)	-9.98 (35)
All Public Plans-Total Fund Median	-2.89	3.31	4.31	5.67	-4.31	-10.65

3 Yr Rolling Under/Over Performance - 5 Years

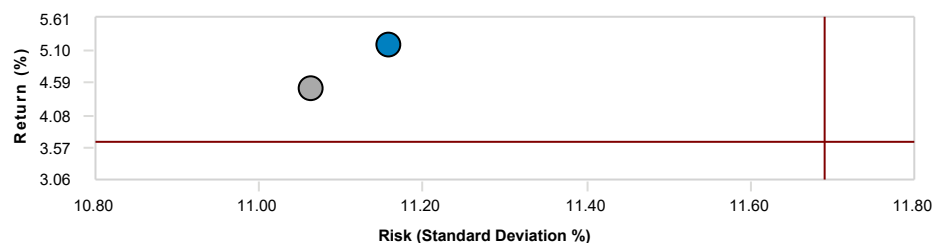


3 Yr Rolling Percentile Ranking - 5 Years



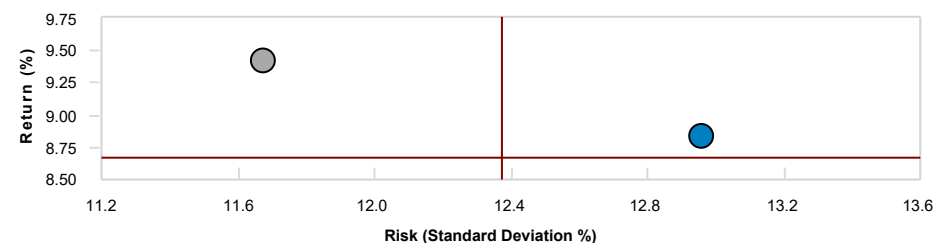
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Total Fund (Net)	20	6 (30%)	4 (20%)	7 (35%)	3 (15%)
Total Fund Policy	20	8 (40%)	12 (60%)	0 (0%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Total Fund (Net)	5.21	11.16
Total Fund Policy	4.50	11.06
Median	3.67	11.69

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Total Fund (Net)	8.84	12.96
Total Fund Policy	9.43	11.67
Median	8.67	12.38

Historical Statistics - 3 Years

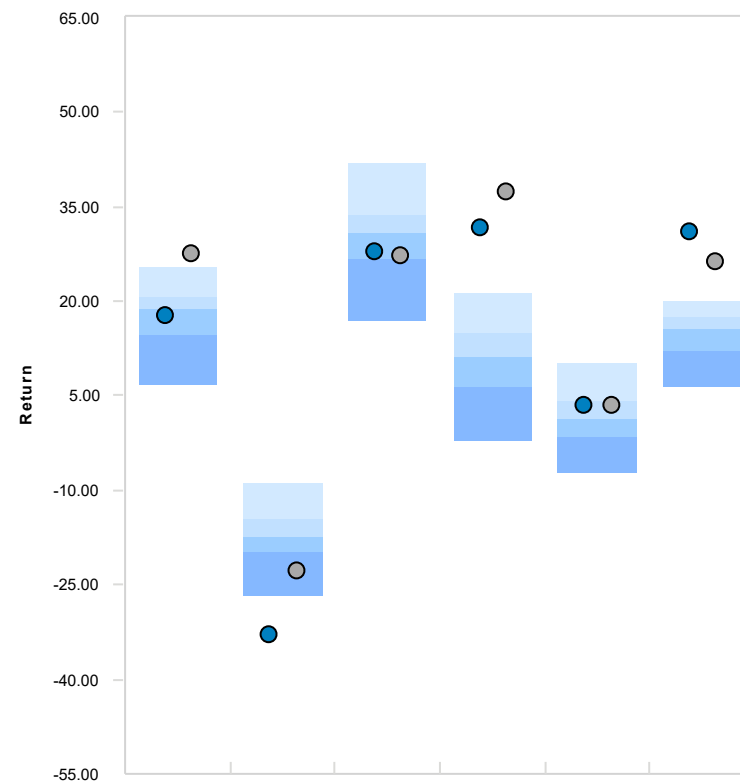
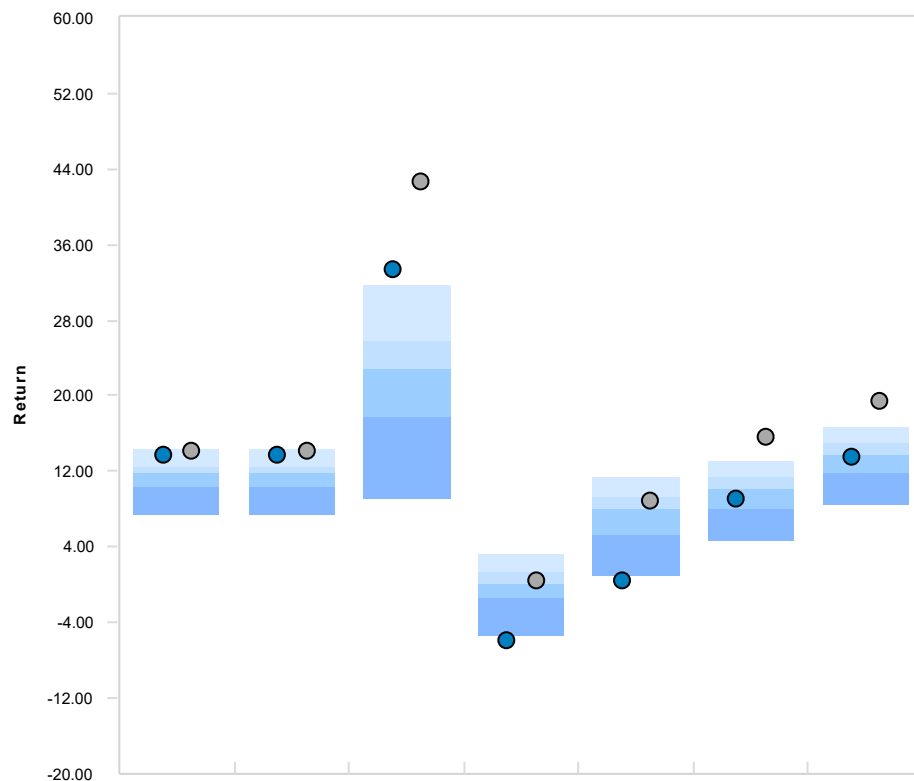
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Net)	2.15	103.29	99.54	0.74	0.32	0.32	0.99	7.28
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.26	1.00	7.36

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund (Net)	2.83	103.64	109.64	-1.22	-0.14	0.57	1.09	8.46
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.67	1.00	7.34



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



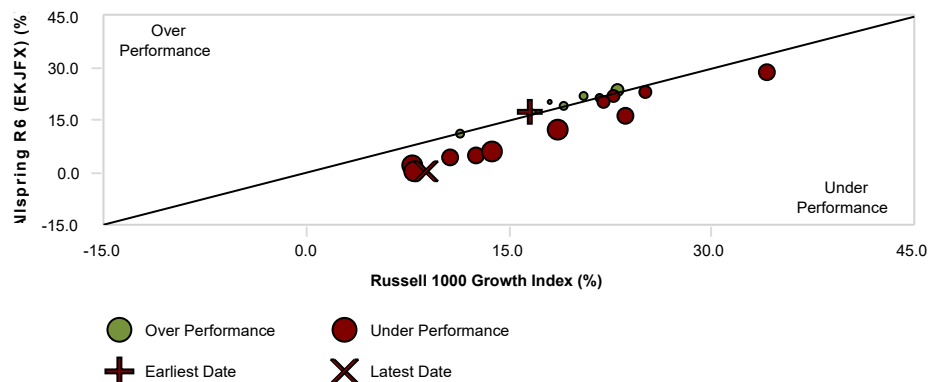
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Allspring R6 (EKJFX)	13.83 (8)	13.83 (8)	33.48 (4)	-5.86 (96)	0.39 (97)	9.10 (65)	13.63 (54)	● Allspring R6 (EKJFX)	17.90 (57)	32.77 (99)	27.84 (70)	31.84 (1)	3.52 (32)	31.23 (1)
● Russell 1000 Growth	14.16 (7)	14.16 (7)	42.68 (1)	0.55 (43)	8.86 (31)	15.61 (1)	19.50 (1)	● Russell 1000 Growth	27.72 (2)	22.59 (87)	27.32 (73)	37.53 (1)	3.71 (31)	26.30 (2)
Median	11.80	11.80	22.77	0.13	8.02	10.27	13.83	Median	18.77	17.28	30.69	11.14	1.48	15.61

Comparative Performance

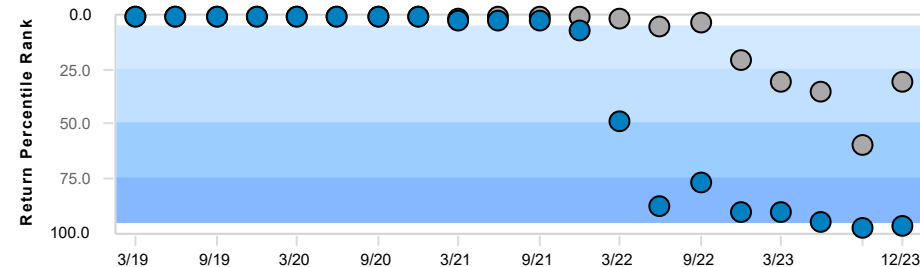
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Allspring R6 (EKJFX)	-5.21 (88)	10.86 (4)	11.59 (4)	0.54 (97)	-3.46 (22)	-21.63 (97)
Russell 1000 Growth Index	-3.13 (37)	12.81 (2)	14.37 (1)	2.20 (96)	-3.60 (26)	-20.92 (96)
IM U.S. Multi-Cap Core Equity (MF) Median	-3.40	7.16	6.16	8.04	-4.63	-15.83



3 Yr Rolling Under/Over Performance - 5 Years

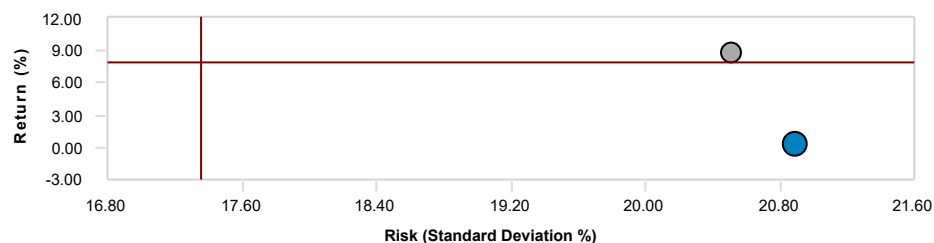


3 Yr Rolling Percentile Ranking - 5 Years



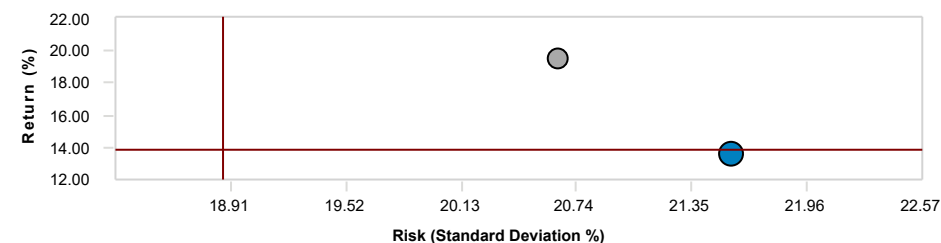
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Allspring R6 (EKJFX)	20	12 (60%)	1 (5%)	0 (0%)	7 (35%)
Russell 1000 Growth	20	16 (80%)	3 (15%)	1 (5%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Allspring R6 (EKJFX)	0.39	20.88
Russell 1000 Growth	8.86	20.51
Median	8.02	17.35

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Allspring R6 (EKJFX)	13.63	21.55
Russell 1000 Growth	19.50	20.64
Median	13.83	18.87

Historical Statistics - 3 Years

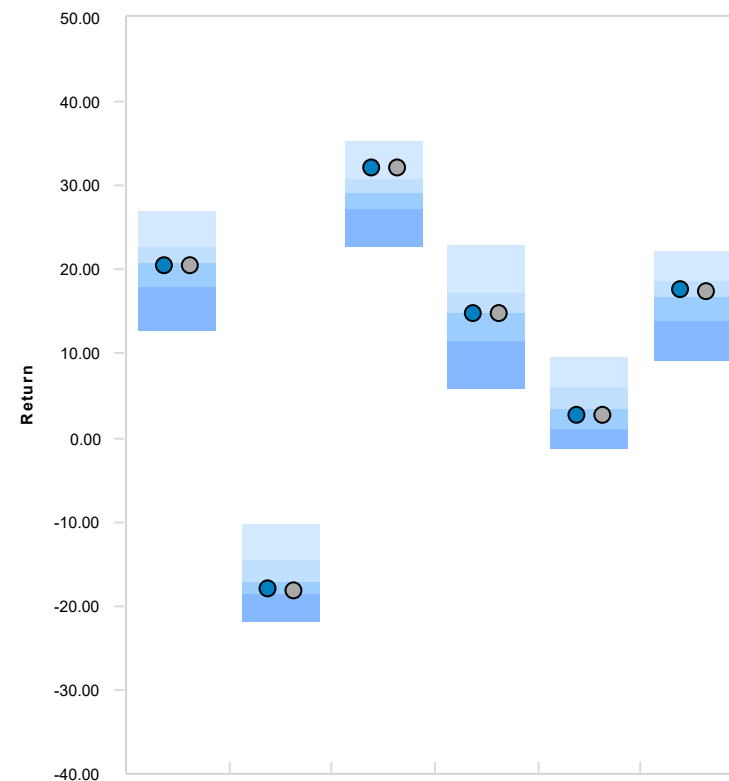
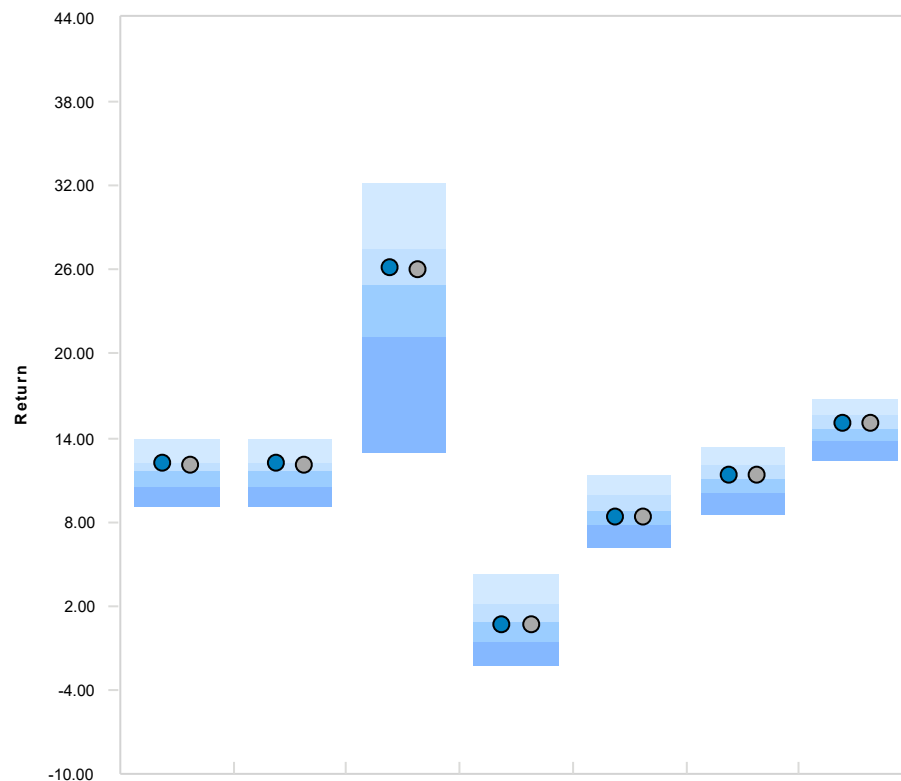
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Allspring R6 (EKJFX)	5.64	77.50	100.43	-7.56	-1.43	0.02	0.98	14.74
Russell 1000 Growth	0.00	100.00	100.00	0.00	N/A	0.42	1.00	13.52

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Allspring R6 (EKJFX)	5.63	87.58	98.94	-4.94	-0.87	0.62	1.01	13.54
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 Core Equity (MF)

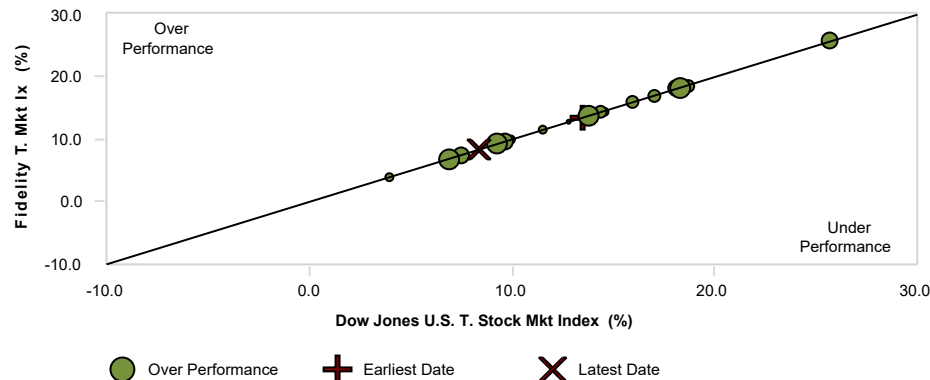


	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Fidelity T. Mkt Ix	12.16 (30)	12.16 (30)	26.12 (40)	0.75 (51)	8.45 (60)	11.41 (46)	15.06 (41)	● Fidelity T. Mkt Ix	20.52 (54)	18.03 (66)	32.11 (11)	14.76 (51)	2.83 (58)	17.60 (39)
● DJ U.S. T. Stock Mkt	12.13 (31)	12.13 (31)	26.06 (41)	0.72 (52)	8.43 (60)	11.39 (47)	15.05 (42)	● DJ U.S. T. Stock Mkt	20.49 (55)	18.05 (66)	32.13 (11)	14.77 (51)	2.81 (58)	17.58 (39)
Median	11.70	11.70	24.85	0.78	8.83	11.10	14.61	Median	20.90	17.11	29.05	14.77	3.56	16.72

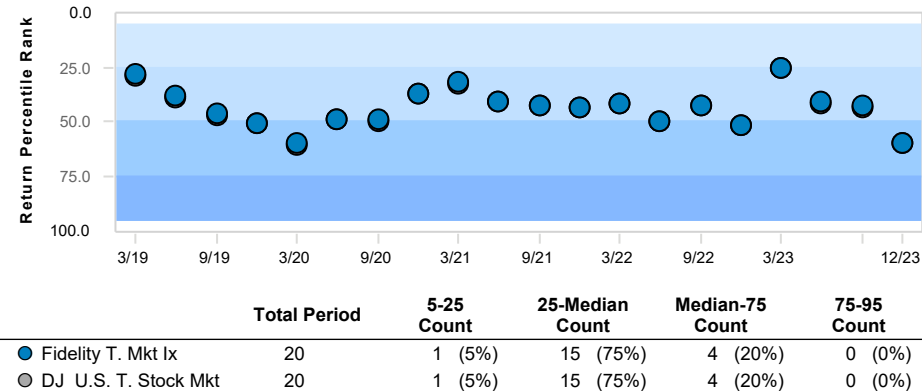
Comparative Performance

	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 T. Mkt Ix	-3.28 (56)	8.40 (45)	7.26 (38)	7.18 (67)	-4.56 (28)	-16.83 (76)
Dow Jones U.S. T. Stock Mkt Index	-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

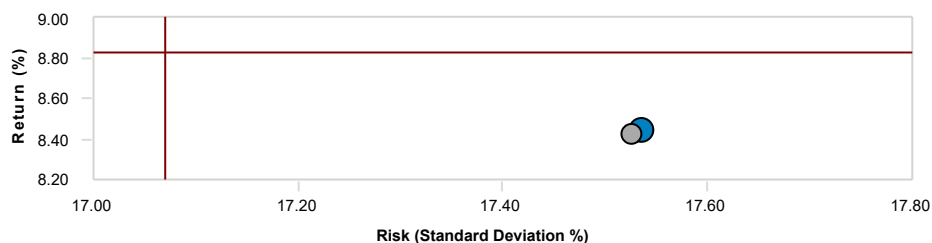
3 Yr Rolling Under/Over Performance - 5 Years



3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



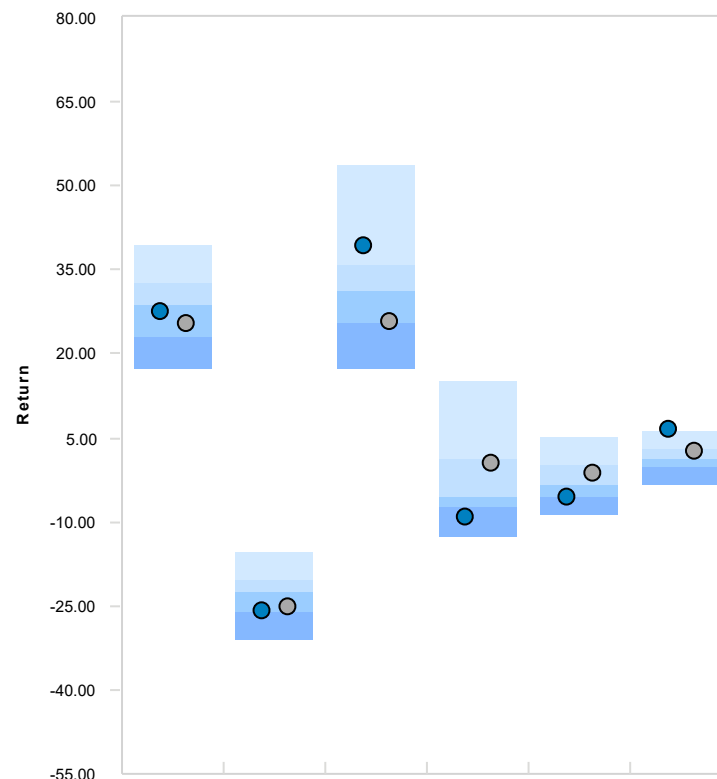
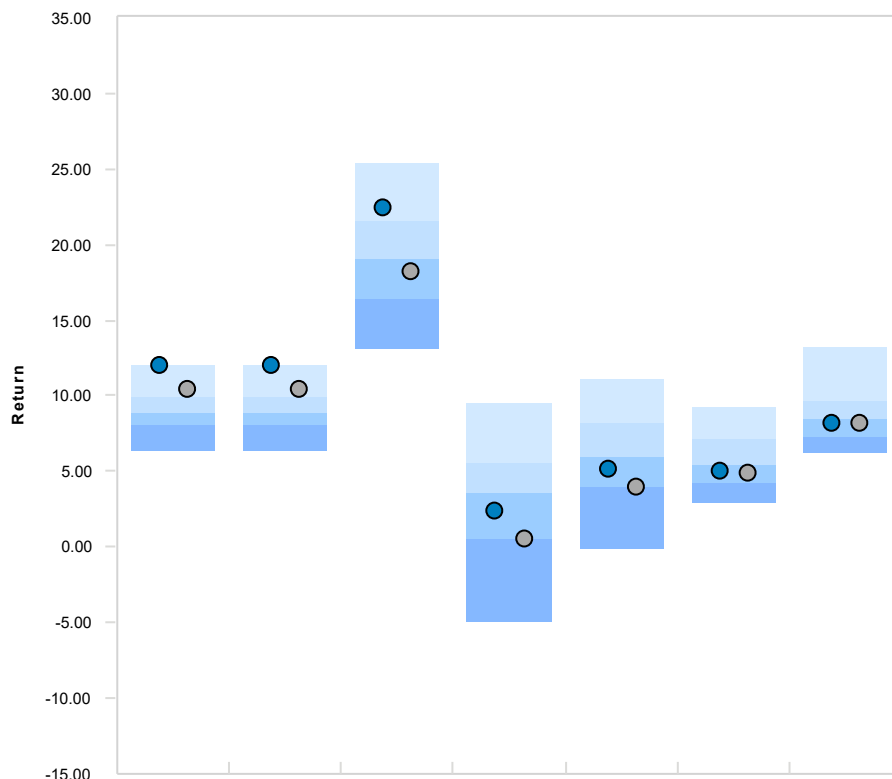
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity T. Mkt Ix	0.03	100.08	100.00	0.02	0.90	0.43	1.00	11.44
DJ U.S. T. Stock Mkt	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 T. Mkt Ix	0.02	100.05	100.01	0.01	0.66	0.74	1.00	11.95
DJ U.S. T. Stock Mkt	0.00	100.00	100.00	0.00	N/A	0.74	1.00	11.95

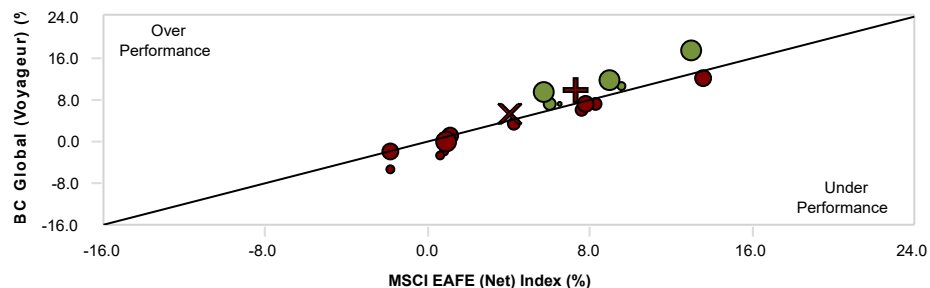
Peer Group Analysis - IM Int'l Large Cap Value Equity (SA+CF)



Comparative Performance

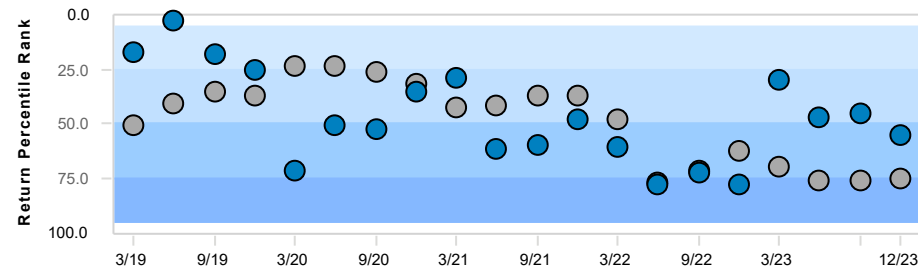
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
RBC Global (Voyageur)	-1.92 (45)	1.96 (86)	9.31 (39)	16.72 (64)	-11.10 (66)	-14.07 (83)
MSCI EAFE (Net) Index	-4.11 (75)	2.95 (59)	8.47 (53)	17.34 (58)	-9.36 (28)	-14.51 (89)
IM Int'l Large Cap Value Equity (SA+CF)	-2.22	3.17	8.71	18.09	-10.51	-11.90

3 Yr Rolling Under/Over Performance - 5 Years



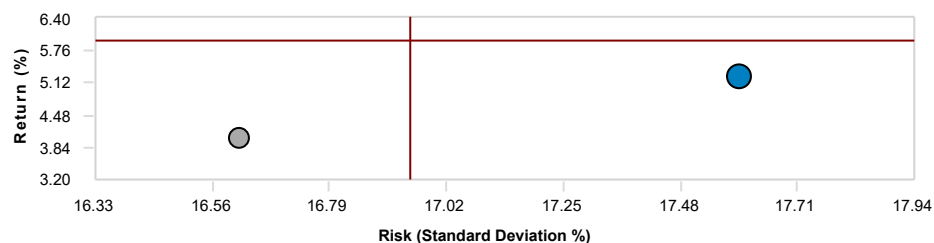
● Over Performance
● Under Performance
+ Earliest Date
X Latest Date

3 Yr Rolling Percentile Ranking - 5 Years



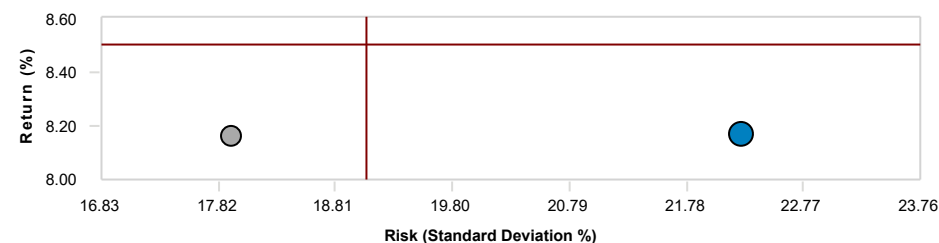
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● RBC Global (Voyageur)	20	4 (20%)	6 (30%)	8 (40%)	2 (10%)
● MSCI EAFE (Net) Index	20	2 (10%)	10 (50%)	5 (25%)	3 (15%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● RBC Global (Voyageur)	5.24	17.60
● MSCI EAFE (Net) Index	4.02	16.61
— Median	5.97	16.95

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● RBC Global (Voyageur)	8.17	22.24
● MSCI EAFE (Net) Index	8.16	17.93
— Median	8.50	19.08

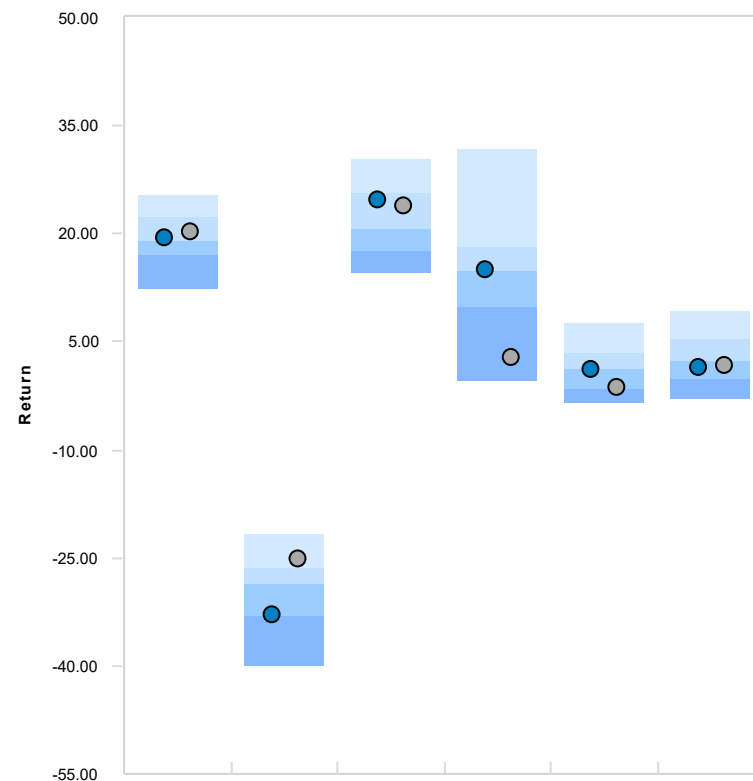
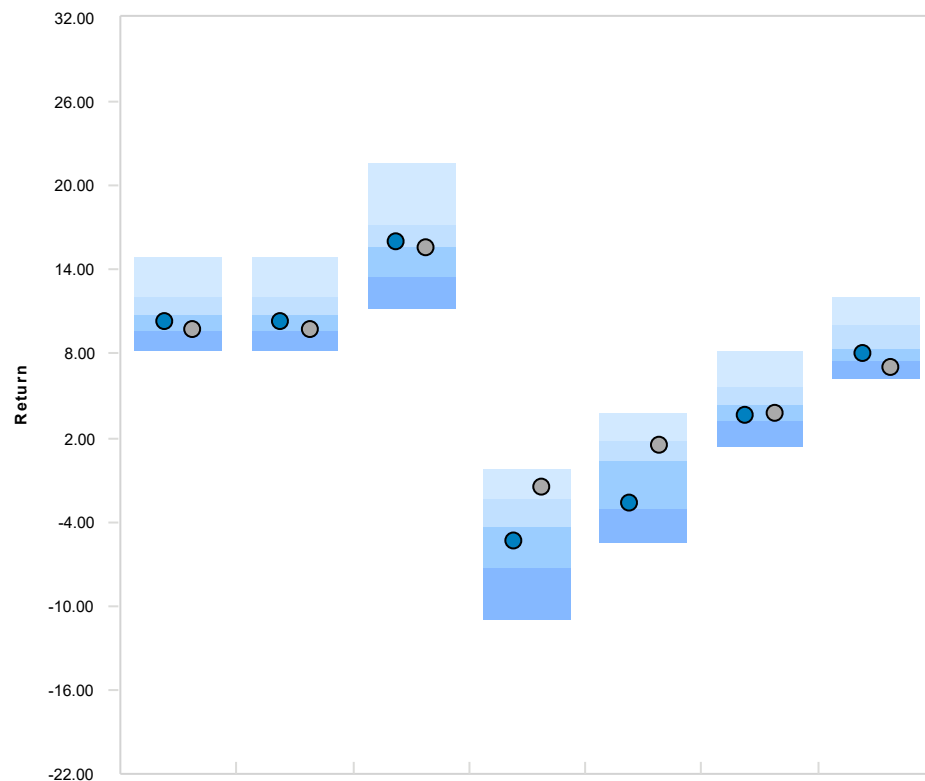
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
RBC Global (Voyageur)	4.95	100.93	94.81	1.27	0.27	0.26	1.02	11.47
MSCI EAFE (Net) Index	0.00	100.00	100.00	0.00	N/A	0.19	1.00	10.99

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
RBC Global (Voyageur)	6.96	112.72	114.19	-0.93	0.13	0.38	1.19	14.74
MSCI EAFE (Net) Index	0.00	100.00	100.00	0.00	N/A	0.42	1.00	11.66

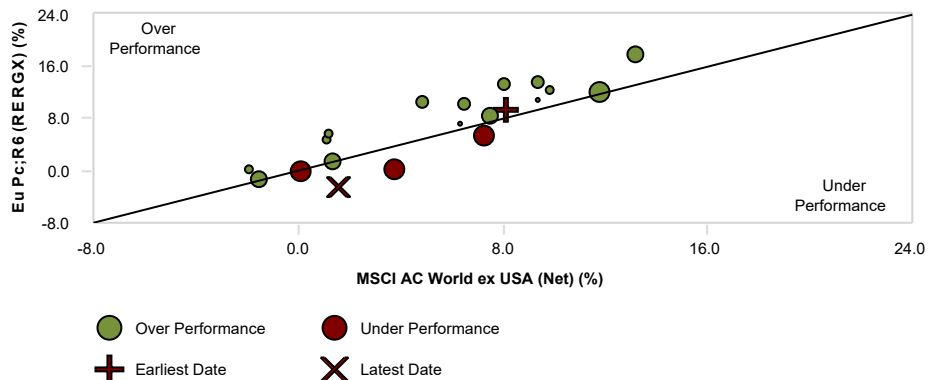
Peer Group Analysis - IM International Large Cap Growth Equity (MF)



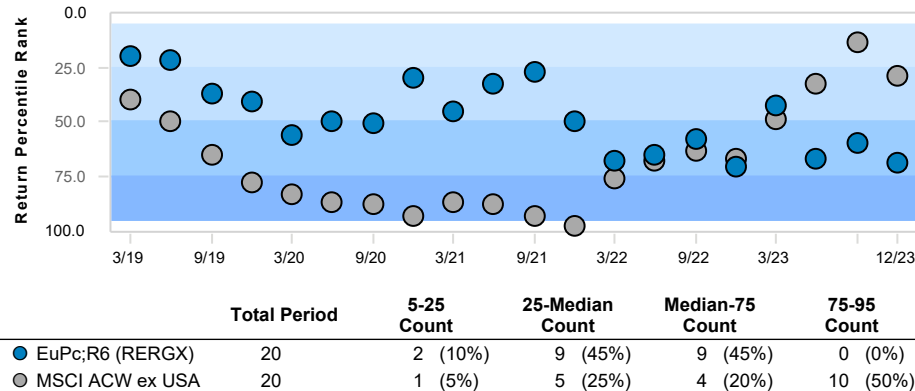
Comparative Performance

	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
EuPc;R6 (RERGX)	-6.33 (34)	2.16 (63)	9.87 (42)	13.78 (65)	-9.33 (39)	-14.65 (49)
MSCI AC World ex USA (Net)	-3.77 (4)	2.44 (52)	6.87 (87)	14.28 (53)	-9.91 (67)	-13.73 (32)
IM International Large Cap Growth Equity (MF) Median	-7.10	2.45	9.63	14.64	-9.57	-14.68

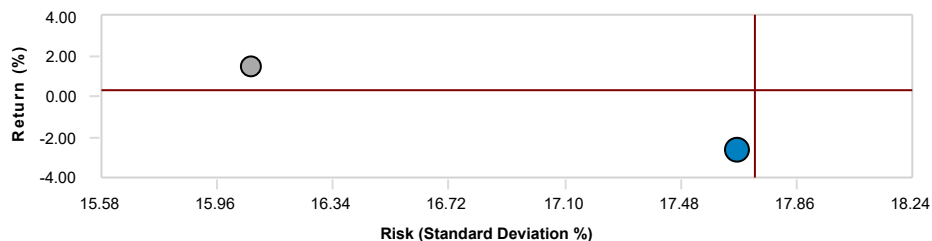
3 Yr Rolling Under/Over Performance - 5 Years



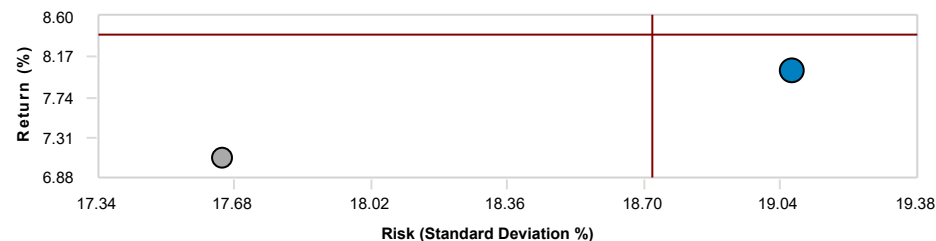
3 Yr Rolling Percentile Ranking - 5 Years



Peer Group Scattergram - 3 Years



Peer Group Scattergram - 5 Years



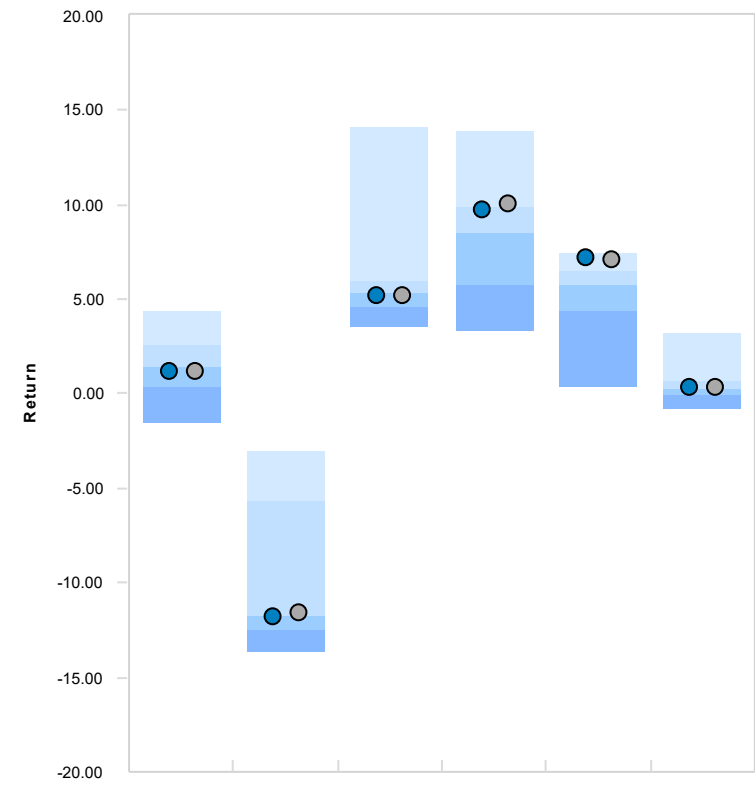
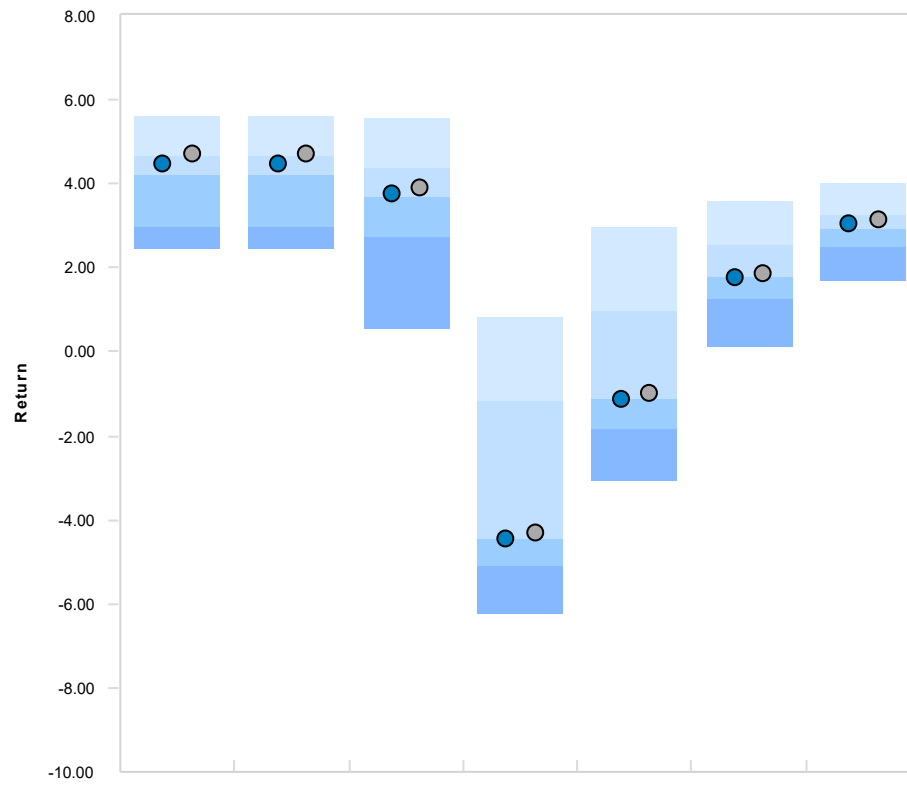
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
EuPc;R6 (REGX)	4.64	99.86	118.58	-4.06	-0.85	-0.19	1.06	12.35
MSCI ACW ex USA	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
EuPc;R6 (REGX)	4.44	109.39	107.64	0.71	0.26	0.40	1.05	12.35
MSCI ACW ex USA	0.00	100.00	100.00	0.00	N/A	0.37	1.00	11.65

Peer Group Analysis - IM U.S. TIPS (MF)



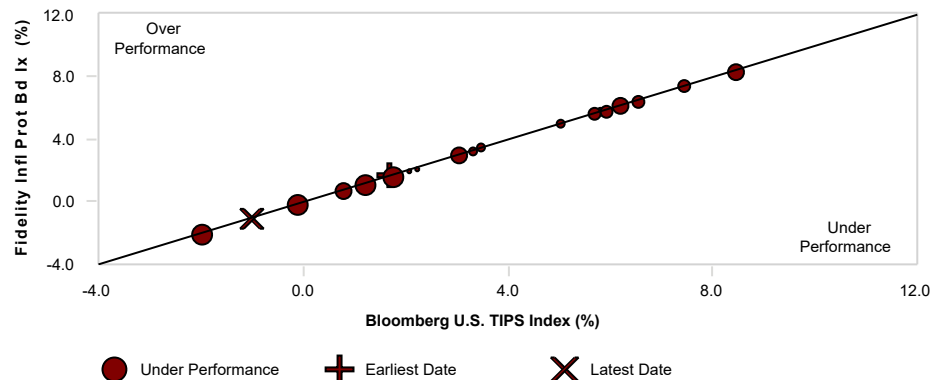
	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR		Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Fidelity Infl Prot Bd Ix	4.50 (36)	4.50 (36)	3.78 (47)	-4.46 (53)	-1.12 (50)	1.76 (54)	3.04 (43)	● Fidelity Infl Prot Bd Ix	1.22 (56)	11.72 (52)	5.18 (56)	9.78 (29)	7.20 (8)	0.41 (39)
● BB U.S. TIPS Index	4.71 (25)	4.71 (25)	3.90 (43)	-4.30 (46)	-1.00 (47)	1.87 (44)	3.15 (33)	● BB U.S. TIPS Index	1.25 (54)	11.57 (46)	5.19 (55)	10.08 (20)	7.13 (9)	0.41 (39)
Median	4.21	4.21	3.70	-4.42	-1.12	1.80	2.93	Median	1.40	11.72	5.33	8.50	5.70	0.29

Comparative Performance

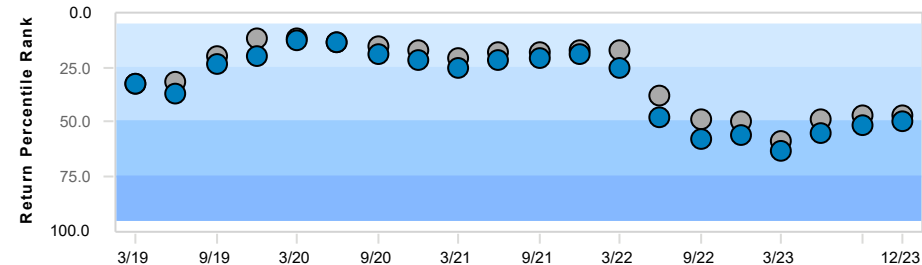
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Fidelity Infl Prot Bd Ix	-2.67 (71)	-1.37 (35)	3.45 (28)	1.93 (53)	-5.12 (56)	-6.19 (59)
Bloomberg U.S. TIPS Index	-2.60 (68)	-1.42 (43)	3.34 (33)	2.04 (39)	-5.14 (57)	-6.08 (50)
IM U.S. TIPS (MF) Median	-2.21	-1.47	3.05	1.96	-5.04	-6.09



3 Yr Rolling Under/Over Performance - 5 Years

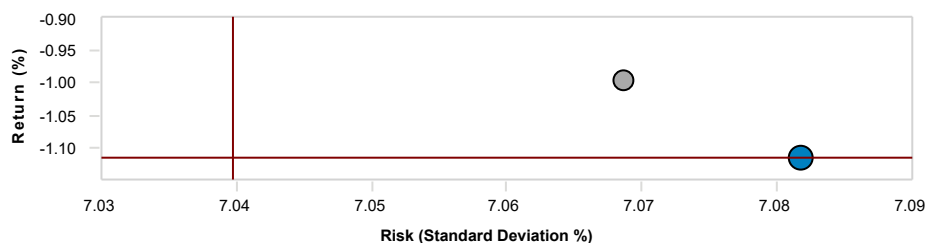


3 Yr Rolling Percentile Ranking - 5 Years



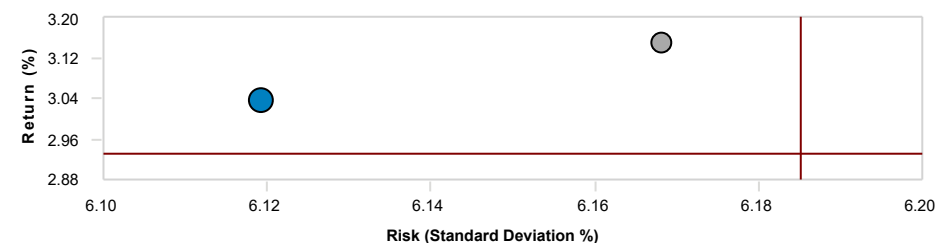
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
● Fidelity Infl Prot Bd Ix	20	11 (55%)	4 (20%)	5 (25%)	0 (0%)
● BB U.S. TIPS Index	20	11 (55%)	8 (40%)	1 (5%)	0 (0%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
● Fidelity Infl Prot Bd Ix	-1.12	7.08
● BB U.S. TIPS Index	-1.00	7.07
— Median	-1.12	7.04

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
● Fidelity Infl Prot Bd Ix	3.04	6.12
● BB U.S. TIPS Index	3.15	6.17
— Median	2.93	6.19

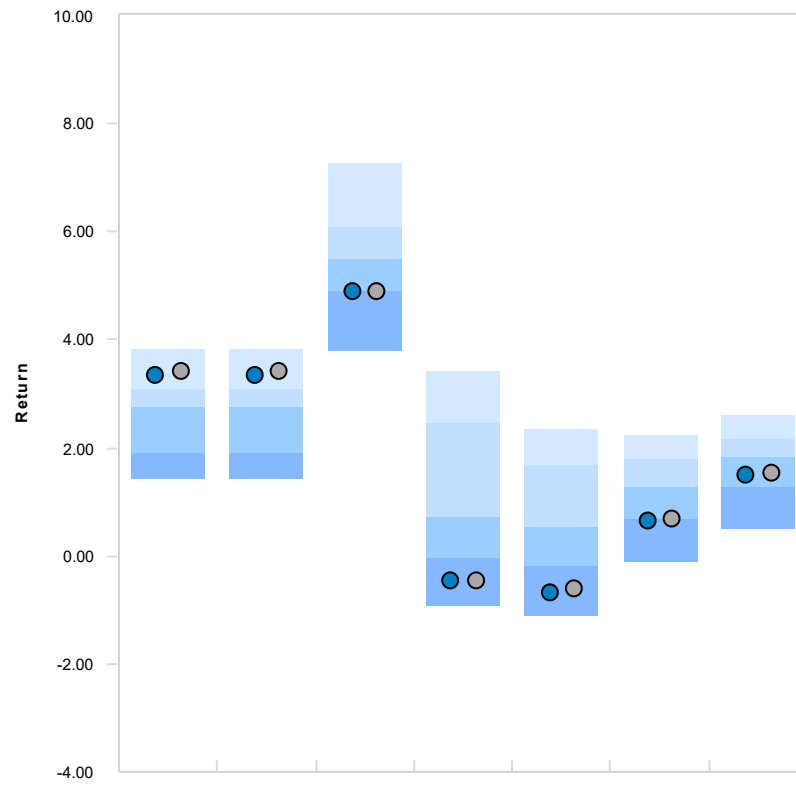
Historical Statistics - 3 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Infl Prot Bd Ix	0.30	99.95	101.18	-0.12	-0.41	-0.42	1.00	5.40
BB U.S. TIPS Index	0.00	100.00	100.00	0.00	N/A	-0.41	1.00	5.35

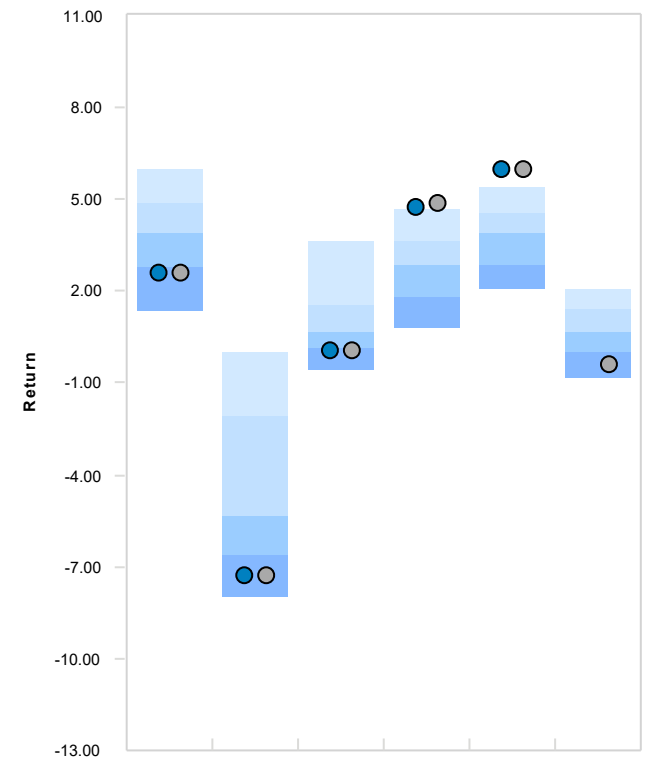
Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Infl Prot Bd Ix	0.45	98.43	99.36	-0.08	-0.25	0.21	0.99	4.27
BB U.S. TIPS Index	0.00	100.00	100.00	0.00	N/A	0.23	1.00	4.28

Peer Group Analysis - IM U.S. Short Duration Fixed Income (MF)



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
● Fidelity Sh Term Bond Ix (FNSOX)	3.35 (14)	3.35 (14)	4.90 (75)	-0.44 (87)	-0.67 (89)	0.64 (78)	1.49 (67)
● Bloomberg 1-5 Year Gov/Credit Idx	3.44 (11)	3.44 (11)	4.89 (75)	-0.44 (87)	-0.62 (87)	0.69 (76)	1.54 (65)
Median	2.76	2.76	5.49	0.73	0.54	1.27	1.83



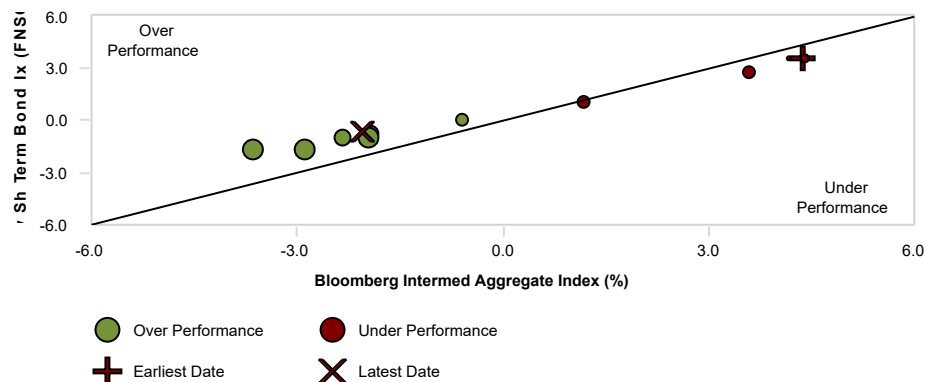
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Fidelity Sh Term Bond Ix (FNSOX)	2.62 (81)	7.29 (90)	0.06 (78)	4.73 (5)	6.00 (2)	N/A
● Bloomberg 1-5 Year Gov/Credit Idx	2.62 (81)	7.29 (90)	0.08 (77)	4.88 (3)	6.01 (2)	0.38 (87)
Median	3.92	5.32	0.69	2.88	3.89	0.67

Comparative Performance

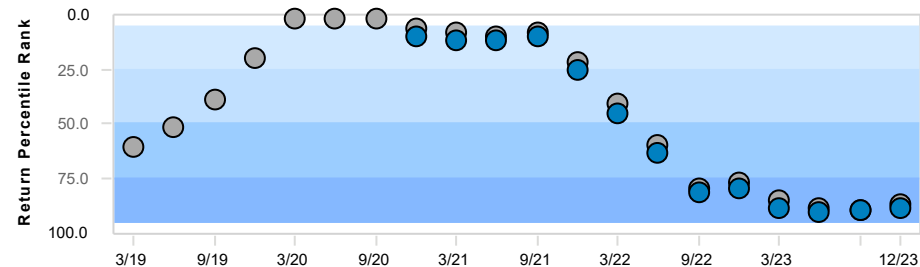
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Fidelity Sh Term Bond Ix (FNSOX)	0.20 (92)	-0.55 (85)	1.85 (15)	1.10 (37)	-2.19 (94)	-1.11 (46)
Bloomberg Intermed Aggregate Index	-1.89 (100)	-0.75 (93)	2.39 (1)	1.72 (5)	-3.84 (99)	-2.93 (97)
IM U.S. Short Duration Fixed Income (MF) Median	0.94	0.22	1.50	1.00	-1.13	-1.20



3 Yr Rolling Under/Over Performance - 5 Years

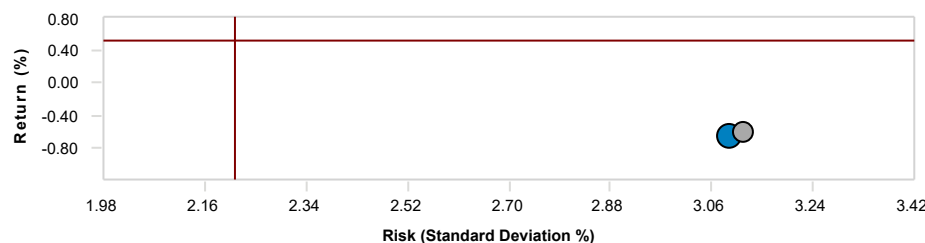


3 Yr Rolling Percentile Ranking - 5 Years



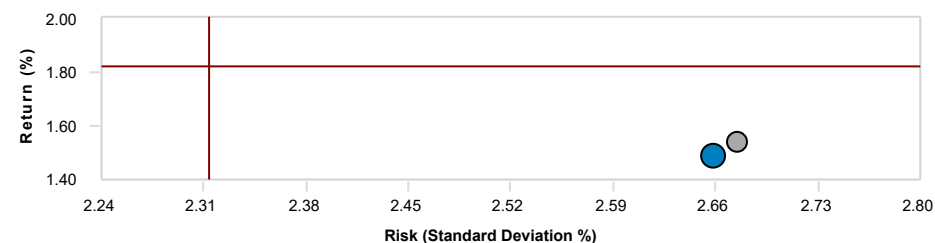
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Fidelity Sh Term Bond Ix (FNSOX)	13	5 (38%)	1 (8%)	1 (8%)	6 (46%)
Bloomberg 1-5 Year Gov/Credit Ix	20	9 (45%)	2 (10%)	3 (15%)	6 (30%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
Fidelity Sh Term Bond Ix (FNSOX)	-0.67	3.09
Bloomberg 1-5 Year Gov/Credit Ix	-0.62	3.11
Median	0.54	2.21

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
Fidelity Sh Term Bond Ix (FNSOX)	1.49	2.66
Bloomberg 1-5 Year Gov/Credit Ix	1.54	2.67
Median	1.83	2.31

Historical Statistics - 3 Years

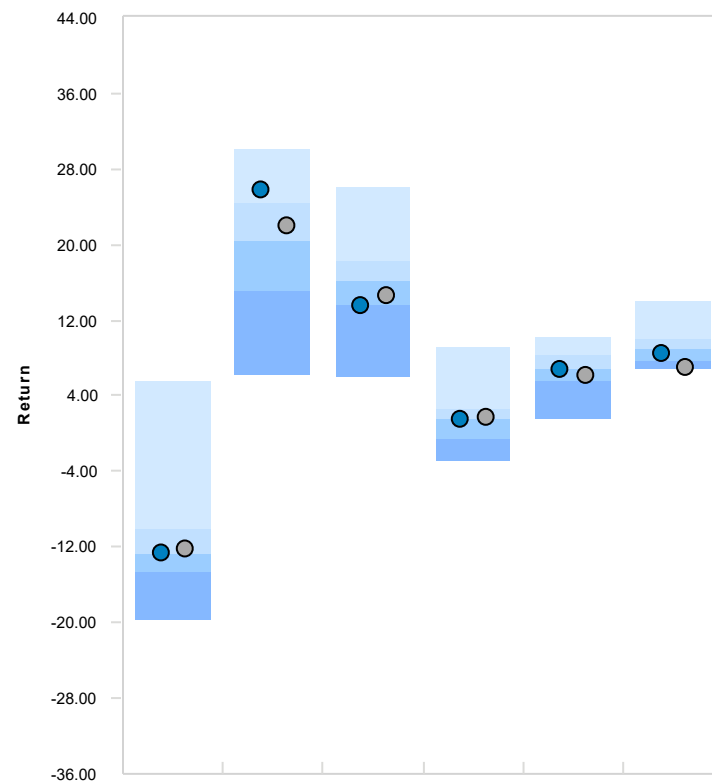
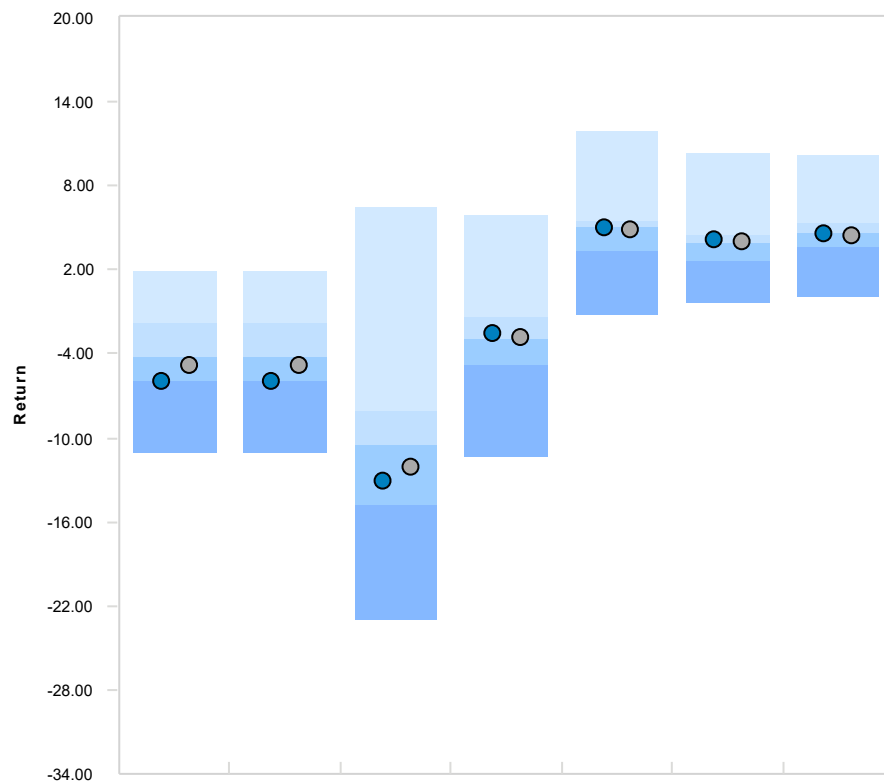
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Sh Term Bond Ix (FNSOX)	2.70	57.24	51.43	0.41	0.48	-0.94	0.54	2.18
Bloomberg 1-5 Year Gov/Credit Ix	2.69	57.56	51.06	0.47	0.50	-0.92	0.54	2.21

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Fidelity Sh Term Bond Ix (FNSOX)	2.17	63.90	49.69	0.83	0.13	-0.14	0.56	1.69
Bloomberg 1-5 Year Gov/Credit Ix	2.15	65.04	50.17	0.87	0.15	-0.12	0.56	1.71



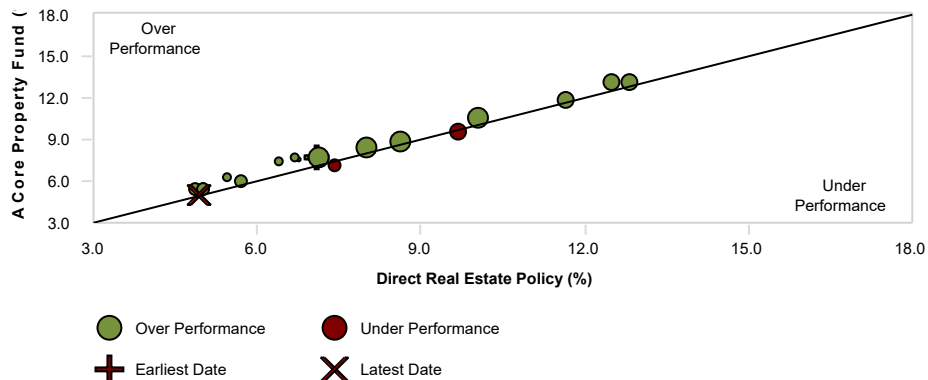
Peer Group Analysis - IM U.S. Open End Private Real Estate (SA+CF)



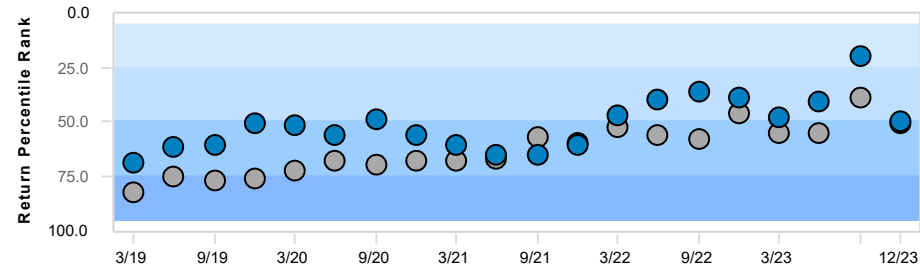
Comparative Performance

	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 Fund	-2.22 (41)	-2.22 (65)	-3.28 (65)	-5.42 (64)	1.66 (22)	4.84 (33)
Direct Real Estate Policy	-1.90 (35)	-2.68 (69)	-3.17 (62)	-4.97 (49)	0.52 (57)	4.77 (35)
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

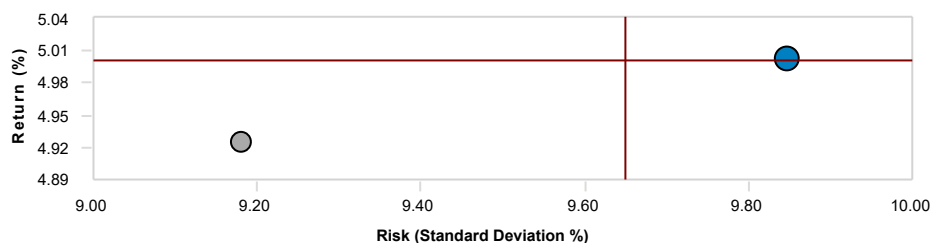


3 Yr Rolling Percentile Ranking - 5 Years



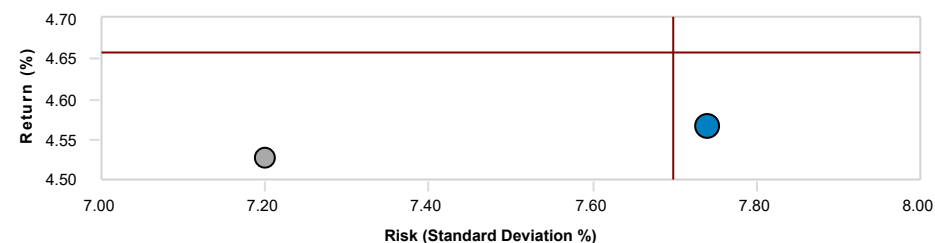
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
ARA Core Property Fund	20	1 (5%)	8 (40%)	11 (55%)	0 (0%)
Direct Real Estate Policy	20	0 (0%)	2 (10%)	15 (75%)	3 (15%)

Peer Group Scattergram - 3 Years



	Return	Standard Deviation
ARA Core Property Fund	5.00	9.85
Direct Real Estate Policy	4.92	9.18
Median	5.00	9.65

Peer Group Scattergram - 5 Years



	Return	Standard Deviation
ARA Core Property Fund	4.57	7.74
Direct Real Estate Policy	4.53	7.20
Median	4.66	7.70

Historical Statistics - 3 Years

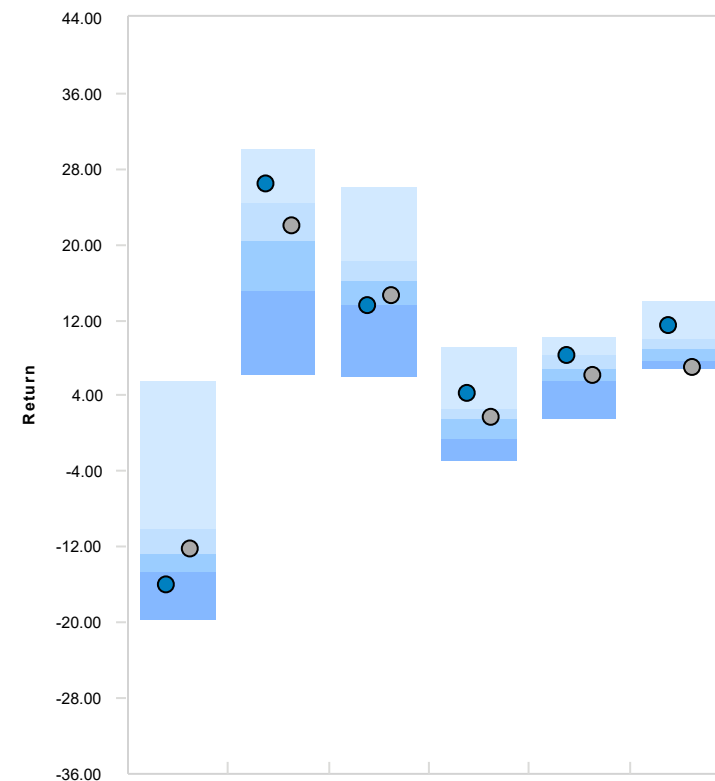
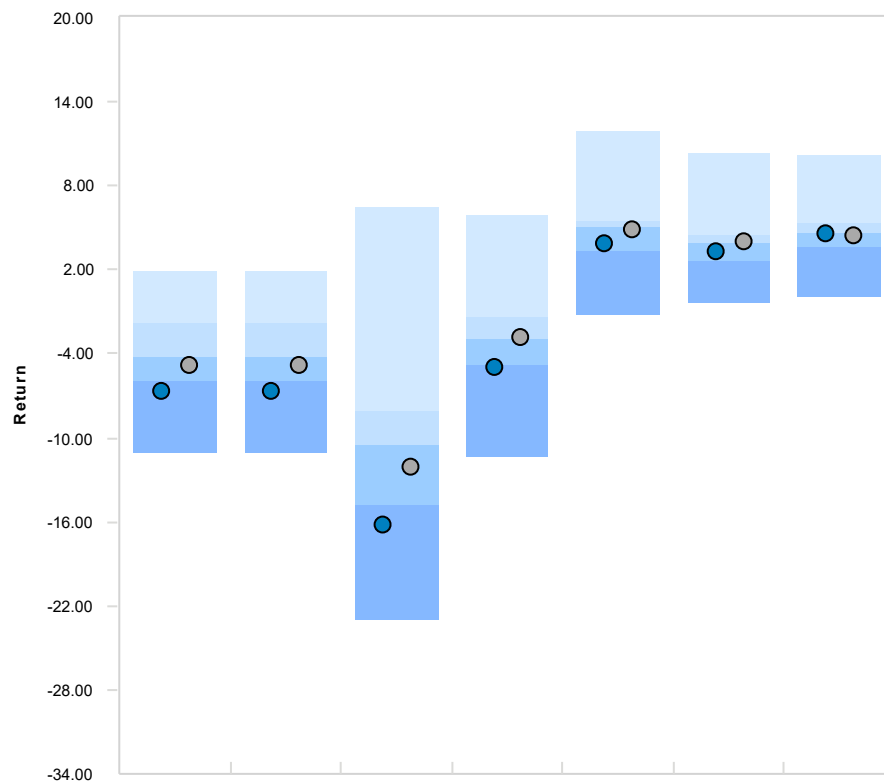
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ARA Core Property Fund	1.43	105.99	109.01	-0.18	0.10	0.31	1.06	5.35
Direct Real Estate Policy	0.00	100.00	100.00	0.00	N/A	0.32	1.00	4.79

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ARA Core Property Fund	1.21	105.26	109.81	-0.22	0.07	0.34	1.06	4.18
Direct Real Estate Policy	0.00	100.00	100.00	0.00	N/A	0.36	1.00	3.74



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
● Intercontinental	-6.65 (83)	-6.65 (83)	-16.20 (87)	-4.87 (76)	3.93 (71)	3.35 (64)	4.55 (58)
● Direct Real Estate Policy	-4.83 (61)	-4.83 (61)	-12.02 (55)	-2.76 (44)	4.92 (51)	4.06 (46)	4.53 (58)
Median	-4.20	-4.20	-10.48	-2.89	5.00	3.96	4.66

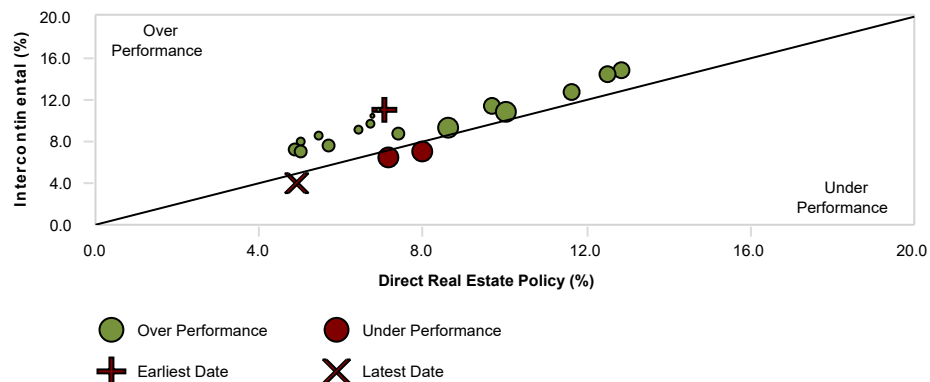
	Oct-2022 To Sep-2023	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
● Intercontinental	15.88 (86)	26.49 (13)	13.56 (75)	4.41 (11)	8.32 (19)	11.40 (9)
● Direct Real Estate Policy	12.14 (38)	22.09 (44)	14.63 (57)	1.75 (42)	6.24 (70)	7.16 (88)
Median	12.83	20.33	16.09	1.58	6.80	8.93

Comparative Performance

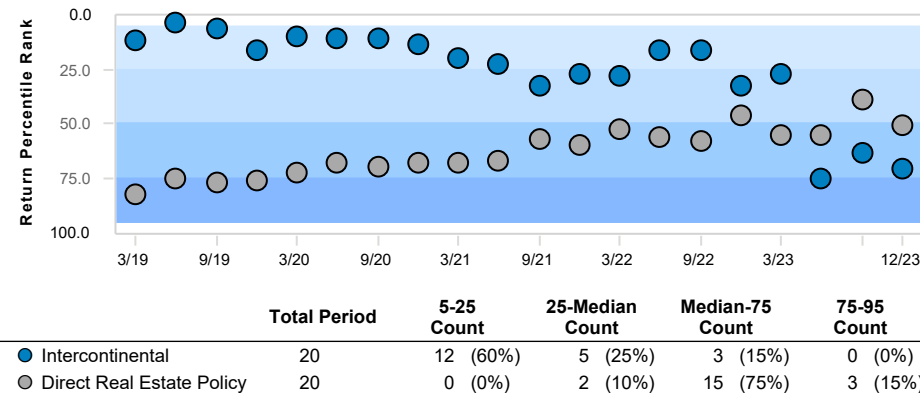
	1 Qtr Ending Sep-2023	1 Qtr Ending Jun-2023	1 Qtr Ending Mar-2023	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022
Intercontinental	-0.81 (14)	-6.11 (97)	-3.61 (71)	-6.29 (94)	1.60 (29)	7.26 (10)
Direct Real Estate Policy	-1.90 (35)	-2.68 (69)	-3.17 (62)	-4.97 (49)	0.52 (57)	4.77 (35)
IM U.S. Open End Private Real Estate (SA+CF) Median	-2.72	-1.98	-2.91	-4.97	0.60	4.33



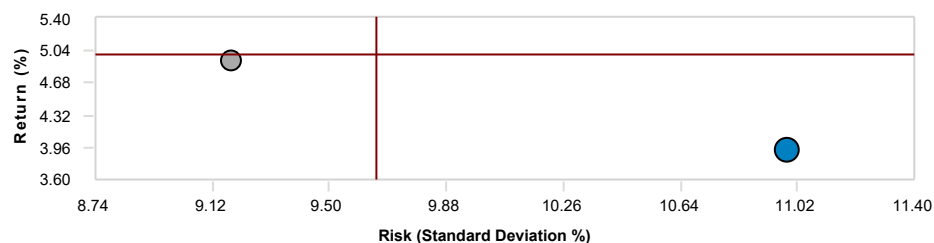
3 Yr Rolling Under/Over Performance - 5 Years



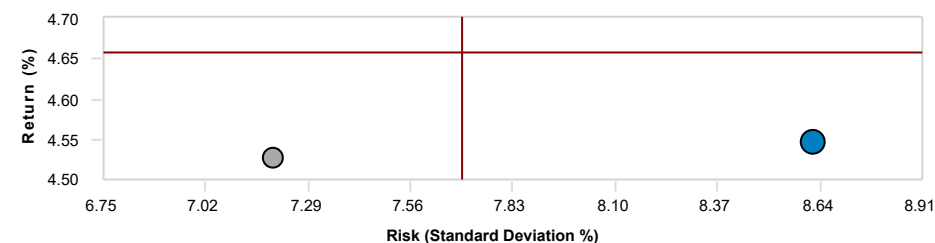
3 Yr Rolling Percentile Ranking - 5 Years



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
Intercontinental	3.31	111.15	134.42	-1.50	-0.23	0.20	1.14	6.74
Direct Real Estate Policy	0.00	100.00	100.00	0.00	N/A	0.32	1.00	4.79

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Intercontinental	2.77	113.38	126.72	-0.54	0.05	0.32	1.14	5.19
Direct Real Estate Policy	0.00	100.00	100.00	0.00	N/A	0.36	1.00	3.74

Total Fund Policy	
Allocation Mandate	Weight (%)
Jan-1979	
Russell 2000 Index	10.00
Russell 1000 Index	40.00
MSCI EAFE (Net) Index	10.00
ICE BofAML Govt/ Corp Master	40.00
Jan-2008	
Russell 3000 Index	50.00
MSCI EAFE Index	10.00
Blmbg. U.S. Aggregate Index	40.00
Jan-2010	
Russell 3000 Index	45.00
MSCI AC World ex USA	15.00
Blmbg. U.S. Aggregate Index	35.00
Bloomberg U.S. TIPS Index	5.00
Apr-2011	
Russell 3000 Index	45.00
MSCI AC World ex USA	15.00
Blmbg. U.S. Aggregate Index	25.00
Bloomberg U.S. TIPS Index	5.00
NCREIF Fund Index-ODCE (VW)	10.00
Sep-2020	
Russell 3000 Index	45.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	25.00
NCREIF Fund Index-ODCE (VW)	15.00
Sep-2021	
Russell 3000 Index	45.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	20.00
Bloomberg U.S. TIPS Index	5.00
NCREIF Fund Index-ODCE (VW)	15.00
Dec-2021	
Dow Jones U.S. Total Stock Market Index	45.00
MSCI AC World ex USA (Net)	15.00
Bloomberg Intermed Aggregate Index	20.00
Bloomberg U.S. TIPS Index	5.00
NCREIF Fund Index-ODCE (VW)	15.00

Total Fund Policy (Ex RE)	
Allocation Mandate	Weight (%)
Jan-1979	
Russell 2000 Index	10.00
Russell 1000 Index	40.00
MSCI EAFE (Net) Index	10.00
ICE BofAML Govt/ Corp Master	40.00
Jan-2008	
Russell 3000 Index	50.00
MSCI EAFE Index	10.00
Blmbg. U.S. Aggregate Index	40.00
Jan-2010	
Russell 3000 Index	45.00
MSCI AC World ex USA	15.00
Blmbg. U.S. Aggregate Index	35.00
Bloomberg U.S. TIPS Index	5.00
Apr-2011	
Russell 3000 Index	50.00
MSCI AC World ex USA	17.00
Blmbg. U.S. Aggregate Index	28.00
Bloomberg U.S. TIPS Index	5.00
Sep-2020	
Russell 3000 Index	45.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	40.00
Sep-2021	
Russell 3000 Index	45.00
MSCI AC World ex USA (Net)	15.00
Blmbg. U.S. Aggregate Index	35.00
Bloomberg U.S. TIPS Index	5.00
Dec-2021	
Dow Jones U.S. Total Stock Market Index	45.00
MSCI AC World ex USA (Net)	15.00
Bloomberg Intermed Aggregate Index	35.00
Bloomberg U.S. TIPS Index	5.00

Total Equity Securities Policy	
Allocation Mandate	Weight (%)
Jan-1979	
MSCI EAFE Index	15.00
Russell 3000 Index	85.00
Jan-2010	
Russell 3000 Index	75.00
MSCI AC World ex USA	25.00
Sep-2020	
Russell 3000 Index	75.00
MSCI AC World ex USA (Net)	25.00
Dec-2021	
Dow Jones U.S. Total Stock Market Index	75.00
MSCI AC World ex USA (Net)	25.00

Total Foreign Equity Securities Policy	
Allocation Mandate	Weight (%)
Jan-1970	
MSCI EAFE Index	100.00
Jan-2010	
MSCI AC World ex USA	100.00
Sep-2020	
MSCI AC World ex USA (Net)	100.00

Total Broad Mkt Fixed Income Policy	
Allocation Mandate	Weight (%)
Jan-1976	
Blmbg. U.S. Aggregate Index	100.00
Jan-2010	
Blmbg. U.S. Aggregate Index	87.50
Bloomberg U.S. TIPS Index	12.50
Sep-2020	
Blmbg. U.S. Aggregate Index	100.00
Sep-2021	
Blmbg. U.S. Aggregate Index	80.00
Bloomberg U.S. TIPS Index	20.00
Dec-2021	
Bloomberg Intermed Aggregate Index	80.00
Bloomberg U.S. TIPS Index	20.00

Direct Real Estate Policy	
Allocation Mandate	Weight (%)
Jan-1978	
NCREIF Property Index	100.00
Sep-2020	
NCREIF Fund Index-ODCE (VW)	100.00

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DEERFIELD BEACH PD

Total Fund Compliance:

	Yes	No	N/A
1. The Total Plan return equaled or exceeded the 6.5% actuarial earnings assumption over the trailing three year period.		✓	
2. The Total Plan return equaled or exceeded the 6.5% actuarial earnings assumption over the trailing five year period.	✓		
3. The Total Plan return equaled or exceeded the total plan benchmark over the trailing three year period.	✓		
4. The Total Plan return equaled or exceeded the total plan benchmark over the trailing five year period.		✓	
5. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing three year period.	✓		
6. The Total Plan return ranked within the top 40th percentile of its peer group over the trailing five year period.		✓	
7. Total foreign securities were less than 25% of the total plan assets at market.	✓		

* effective 10/1/2015 ROR 6.5%

Equity Compliance:

	Yes	No	N/A
1. Total domestic equity returns meet or exceed the benchmark over the trailing three year period.	✓		
2. Total domestic equity returns meet or exceed the benchmark over the trailing five year period.		✓	
3. Total domestic equity returns ranked within the top 40th percentile of its peer group over the trailing three year period.	✓		
4. Total domestic equity returns ranked within the top 40th percentile of its peer group over the trailing five year period.	✓		
5. Total foreign equity returns meet or exceed the benchmark over the trailing three year period.	✓		
6. Total foreign equity returns meet or exceed the benchmark over the trailing five year period.		✓	
7. Total foreign equity returns ranked within the top 40th percentile of its peer group over the trailing three year period.		✓	
8. Total foreign equity returns ranked within the top 40th percentile of its peer group over the trailing five year period.		✓	
9. The total equity allocation was less than 70% of the total plan assets at market.	✓		

Fixed Income Compliance:

	Yes	No	N/A
1. Broad mkt fixed income returns meet or exceed the benchmark over the trailing three year period.	✓		
2. Broad mkt fixed income returns meet or exceed the benchmark over the trailing five year period.	✓		
3. Broad mkt fixed income returns ranked within the top 40th percentile of its peer group over the trailing three year period.	✓		
4. Broad mkt fixed income returns ranked within the top 40th percentile of its peer group over the trailing five year period.	✓		
5. All fixed income investments have a minimum rating of investment grade or higher.**	✓		

**As reported by Fidelity Short Term Bond Index.

DEERFIELD BEACH PD

Manager Compliance:	Allspr. EKJFX			Fid. Total Mkt.						EuroPacific *			RBC Int'l		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.		✓			✓						✓		✓		
2. Manager outperformed the index over the trailing five year period.		✓			✓						✓		✓		
3. Manager ranked within the top 40th percentile over trailing three year period.		✓			✓						✓			✓	
4. Manager ranked within the top 40th percentile over trailing five year period.		✓			✓						✓			✓	
5. Less than four consecutive quarters of under-performance relative to the benchmark.		✓			✓					✓			✓		
6. Three-year down-market capture ratio less than the index.		✓			✓						✓		✓		
7. Five-year down-market capture ratio less than the index.	✓				✓						✓			✓	

* Inception date is 8-1-2021.

Manager Compliance:	Vanguard ST ^			Fid. Infl-Prot **						American RE			Intercon RE		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.			✓			✓				✓				✓	
2. Manager outperformed the index over the trailing five year period.			✓			✓				✓			✓		
3. Manager ranked within the top 40th percentile over trailing three year period.			✓			✓					✓			✓	
4. Manager ranked within the top 40th percentile over trailing five year period.			✓			✓					✓			✓	
5. Less than four consecutive quarters of under-performance relative to the benchmark.			✓	✓						✓			✓		
6. Three-year down-market capture ratio less than the index.			✓			✓						✓			✓
7. Five-year down-market capture ratio less than the index.			✓			✓						✓			✓

** Inception date is 10-1-2021. ^ Inception date is 1-1-2024.

Manager Compliance:												
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three year period.												
2. Manager outperformed the index over the trailing five year period.												
3. Manager ranked within the top 50th percentile over trailing three year period.												
4. Manager ranked within the top 50th percentile over trailing five year period.												
5. Less than four consecutive quarters of under-performance relative to the benchmark.												
6. Three-year down-market capture ratio less than the index.												
7. Five-year down-market capture ratio less than the index.												

Deerfield Beach Police Officers' Pension Fund

Fee Analysis

As of December 31, 2023

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Allspring ACG R6 (EKJFX)	0.65	3,694,473	24,014	0.65 % of Assets
Fidelity Total Market Ix (FSKAX)	0.01	19,129,913	1,913	0.01 % of Assets
Total Domestic Equity Securities	0.11	22,824,386	25,927	
RBC Global (Voyageur)	0.95	4,052,784	38,501	0.95 % of Assets
EuroPacific Growth Fund (RERGX)	0.46	3,486,740	16,039	0.46 % of Assets
Total Foreign Equity Securities	0.72	7,539,524	54,540	
Fidelity Inflation-Protected Bond (FIPDX)	0.05	2,072,995	1,037	0.05 % of Assets
Fidelity Short Term Bond Index (FNSOX)	0.03	3,006,160	902	0.03 % of Assets
Total Fixed Income	0.04	5,080,940	1,943	
ARA Core Property Fund	1.10	1,445,432	15,900	1.10 % of Assets
Intercontinental	1.10	4,149,178	45,641	1.10 % of Assets
Total Direct Real Estate	1.10	5,594,610	61,541	
R&D Account		5,135,413	-	
Total Fund Portfolio	0.31	46,174,872	143,951	

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.



Previous Quarters updated Performance

Comparative Performance Trailing Returns

Total Fund

One Qtr Behind

Comparative Performance															
	1 Quarter Ending Sep-2023		1 Year Ending Sep-2023		3 Years Ending Sep-2023		5 Years Ending Sep-2023		7 Years Ending Sep-2023		10 Years Ending Sep-2023		Since Inception Ending Sep-2023		Inception Date
Total Fund Portfolio (Net)	-3.27	(70)	10.19	(58)	6.81	(6)	5.07	(51)	6.79	(37)	6.78	(26)	7.47	(62)	07/01/1991
Total Fund Policy	-2.81	(46)	10.42	(54)	5.14	(31)	6.15	(11)	7.32	(17)	7.31	(9)	8.08	(30)	
Difference	-0.46		-0.23		1.67		-1.08		-0.53		-0.53		-0.61		
All Public Plans-Total Fund Median	-2.89		10.57		4.38		5.09		6.47		6.28		7.64		
Total Fund Portfolio (Gross)	-3.18		10.55		7.36		5.64		7.40		7.42		8.02		07/01/1991
Total Fund Policy	-2.81		10.42		5.14		6.15		7.32		7.31		8.08		
Difference	-0.37		0.13		2.22		-0.51		0.08		0.11		-0.06		
Total Equity Securities	-3.71		22.42		10.62		6.54		9.24		8.70		7.26		01/01/2008
Total Equity Securities Policy	-3.40		20.60		7.89		7.50		9.96		9.35		7.31		
Difference	-0.31		1.82		2.73		-0.96		-0.72		-0.65		-0.05		
Total Domestic Equity Securities	-3.62	(50)	22.04	(20)	12.06	(23)	8.52	(24)	10.90	(27)	10.31	(27)	8.37	(32)	01/01/2008
Russell 3000 Index	-3.25	(41)	20.46	(27)	9.38	(42)	9.14	(18)	11.64	(19)	11.28	(17)	9.04	(20)	
Difference	-0.37		1.58		2.68		-0.62		-0.74		-0.97		-0.67		
IM U.S. Equity (MF) Median	-3.67		15.07		8.34		6.08		8.61		8.33		7.49		
Total Foreign Equity Securities	-4.03	(48)	23.75	(49)	6.77	(35)	0.92	(97)	4.61	(84)	4.21	(74)	3.83	(36)	01/01/2008
Total Foreign Equity Securities Policy	-3.77	(44)	20.39	(70)	3.74	(62)	2.76	(79)	5.01	(75)	3.68	(88)	1.96	(95)	
Difference	-0.26		3.36		3.03		-1.84		-0.40		0.53		1.87		
IM International Large Cap Equity (SA+CF) Median	-4.13		23.32		5.09		3.90		5.95		4.91		3.41		

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Comparative Performance Trailing Returns

Total Fund

One Qtr Behind

	1 Quarter Ending Sep-2023		1 Year Ending Sep-2023		3 Years Ending Sep-2023		5 Years Ending Sep-2023		7 Years Ending Sep-2023		10 Years Ending Sep-2023		Since Inception Ending Sep-2023		Inception Date
Total Fixed Income	-3.32	(88)	0.83	(80)	-3.18	(32)	1.49	(28)	1.04	(41)	1.89	(57)	3.62	(33)	01/01/2008
Total Fixed Income Policy	-2.03	(29)	1.39	(63)	-3.65	(38)	1.09	(38)	0.63	(64)	1.58	(83)	2.76	(86)	
Difference	-1.29		-0.56		0.47		0.40		0.41		0.31		0.86		
IM U.S. Broad Market Fixed Income (SA+CF+MF) Median	-2.80		1.81		-4.15		0.95		0.85		1.97		3.35		
Broad Mkt Fixed Income	-3.53	(90)	0.74	(63)	-2.88	(6)	1.68	(5)	1.18	(8)	1.98	(15)	3.68	(5)	01/01/2008
Blmbg. U.S. Aggregate Index	-3.23	(71)	0.64	(73)	-5.21	(86)	0.10	(95)	-0.09	(97)	1.13	(96)	2.45	(94)	
Difference	-0.30		0.10		2.33		1.58		1.27		0.85		1.23		
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-3.13		1.06		-4.84		0.54		0.39		1.58		3.02		
Non-Core Fixed	-2.67	(78)	1.23	(69)	N/A		N/A		N/A		N/A		-5.11	(52)	10/01/2021
Bloomberg U.S. TIPS Index	-2.60	(76)	1.25	(68)	-1.98	(71)	2.12	(75)	1.46	(85)	1.74	(72)	-5.38	(68)	
Difference	-0.07		-0.02		N/A		N/A		N/A		N/A		0.27		
IM U.S. TIPS (MF) Median	-2.02		2.15		-1.35		2.61		2.00		1.86		-4.85		
Total Direct Real Estate	-1.18	(18)	-15.03	(81)	6.81	(53)	6.45	(23)	7.69	(22)	9.33	(29)	10.28	(36)	01/01/2011
Direct Real Estate Policy	-1.90	(35)	-12.14	(38)	7.13	(39)	5.85	(46)	6.19	(65)	7.70	(72)	8.62	(80)	
Difference	0.72		-2.89		-0.32		0.60		1.50		1.63		1.66		
IM U.S. Open End Private Real Estate (SA+CF) Median	-2.72		-12.83		6.83		5.76		6.55		8.63		9.87		

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Comparative Performance Trailing Returns

Total Fund

One Qtr Behind

	1 Quarter Ending Sep-2023		1 Year Ending Sep-2023		3 Years Ending Sep-2023		5 Years Ending Sep-2023		7 Years Ending Sep-2023		10 Years Ending Sep-2023		Since Inception Ending Sep-2023		Inception Date
Total Domestic Equity Securities	-3.62	(60)	22.04	(25)	12.06	(30)	8.52	(42)	10.90	(47)	10.31	(47)	8.37	(53)	01/01/2008
Russell 3000 Index	-3.25	(53)	20.46	(36)	9.38	(55)	9.14	(32)	11.64	(36)	11.28	(30)	9.04	(38)	
Difference	-0.37		1.58		2.68		-0.62		-0.74		-0.97		-0.67		
IM U.S. All Cap Equity (SA+CF+MF) Median	-3.17		18.57		9.59		7.96		10.62		10.15		8.52		
Allspring ACG R6 (EKJFX)	-5.21	(92)	17.90	(95)	0.44	(91)	6.70	(93)	11.81	(80)	10.36	(91)	10.95	(96)	09/01/2013
Russell 1000 Growth Index	-3.13	(36)	27.72	(35)	7.97	(10)	12.42	(7)	15.64	(7)	14.48	(5)	14.85	(23)	
Difference	-2.08		-9.82		-7.53		-5.72		-3.83		-4.12		-3.90		
IM U.S. Large Cap Growth Equity (MF) Median	-3.54		26.25		4.70		9.57		13.09		12.33		13.90		
Fidelity Total Market Ix (FSKAX)	-3.28	(65)	20.56	(65)	N/A		N/A		N/A		N/A		-1.38	(100)	08/01/2021
Dow Jones U.S. Total Stock Market Index	-3.29	(65)	20.49	(66)	9.27	(65)	9.01	(80)	11.54	(79)	11.19	(73)	-1.42	(100)	
Difference	0.01		0.07		N/A		N/A		N/A		N/A		0.04		
IM U.S. Large Cap Core Equity (MF) Median	-3.02		21.74		9.66		9.83		12.21		11.76		4.55		
Total Foreign Equity Securities	-4.03	(48)	23.75	(49)	6.77	(35)	0.92	(97)	4.61	(84)	4.21	(74)	3.83	(36)	01/01/2008
Total Foreign Equity Securities Policy	-3.77	(44)	20.39	(70)	3.74	(62)	2.76	(79)	5.01	(75)	3.68	(88)	1.96	(95)	
Difference	-0.26		3.36		3.03		-1.84		-0.40		0.53		1.87		
IM International Large Cap Equity (SA+CF) Median	-4.13		23.32		5.09		3.90		5.95		4.91		3.41		
RBC Global Asset Management	-1.92	(45)	27.57	(57)	9.70	(45)	2.57	(81)	5.83	(51)	5.66	(20)	5.36	(17)	01/01/2008
MSCI EAFE (Net) Index	-4.11	(75)	25.65	(69)	5.75	(76)	3.24	(66)	5.29	(63)	3.82	(79)	2.16	(87)	
Difference	2.19		1.92		3.95		-0.67		0.54		1.84		3.20		
MSCI EAFE Value Index (Net)	0.59	(17)	31.51	(35)	11.11	(34)	2.81	(75)	4.95	(72)	2.97	(90)	1.39	(98)	
Difference	-2.51		-3.94		-1.41		-0.24		0.88		2.69		3.97		
IM International Large Cap Value Equity (SA+CF) Median	-2.22		28.83		9.20		4.03		5.87		4.66		3.41		
EuroPacific Growth Fund (RERGX)	-6.33	(43)	19.64	(59)	N/A		N/A		N/A		N/A		-9.97	(96)	08/01/2021
MSCI AC World ex USA (Net)	-3.77	(4)	20.39	(45)	3.74	(28)	2.58	(91)	4.73	(95)	3.35	(94)	-5.30	(72)	
Difference	-2.56		-0.75		N/A		N/A		N/A		N/A		-4.67		
MSCI AC World ex USA Growth (Net)	-7.31	(61)	15.84	(92)	-1.86	(85)	2.54	(91)	4.66	(95)	3.92	(93)	-10.26	(98)	
Difference	0.98		3.80		N/A		N/A		N/A		N/A		0.29		
IM International Large Cap Growth Equity (MF) Median	-6.78		20.18		1.90		4.37		5.98		5.12		-1.91		

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Comparative Performance Trailing Returns

Total Fund

One Qtr Behind

	1 Quarter Ending Sep-2023		1 Year Ending Sep-2023		3 Years Ending Sep-2023		5 Years Ending Sep-2023		7 Years Ending Sep-2023		10 Years Ending Sep-2023		Since Inception Ending Sep-2023		Inception Date
Broad Mkt Fixed Income	-3.53	(90)	0.74	(63)	-2.88	(6)	1.68	(5)	1.18	(8)	1.98	(15)	3.68	(5)	01/01/2008
Blmbg. U.S. Aggregate Index	-3.23	(71)	0.64	(73)	-5.21	(86)	0.10	(95)	-0.09	(97)	1.13	(96)	2.45	(94)	
Difference	-0.30		0.10		2.33		1.58		1.27		0.85		1.23		
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-3.13		1.06		-4.84		0.54		0.39		1.58		3.02		
Garcia Hamilton Fixed Income	-3.53	(90)	0.74	(63)	-3.35	(8)	0.97	(18)	0.85	(15)	2.16	(10)	3.83	(15)	01/01/2009
Garcia Policy ^	-1.89	(5)	1.42	(26)	-3.61	(9)	1.11	(14)	0.63	(26)	1.63	(42)	2.61	(79)	
Difference	-1.64		-0.68		0.26		-0.14		0.22		0.53		1.22		
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-3.13		1.06		-4.84		0.54		0.39		1.58		3.07		
Fidelity Short Term Bond Index (FNSOX)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		01/01/2024
Bloomberg 1-5 Year Gov/Credit Idx	0.21	(95)	2.62	(91)	-1.62	(96)	1.15	(90)	0.83	(93)	1.10	(86)	N/A		
Difference	N/A		N/A		N/A		N/A		N/A		N/A		N/A		
IM U.S. Short Duration Fixed Income (MF) Median	1.09		4.44		0.55		1.94		1.82		1.75		N/A		
Non-Core Fixed	-2.67	(78)	1.23	(69)	N/A		N/A		N/A		N/A		-5.11	(52)	10/01/2021
Bloomberg U.S. TIPS Index	-2.60	(76)	1.25	(68)	-1.98	(71)	2.12	(75)	1.46	(85)	1.74	(72)	-5.38	(68)	
Difference	-0.07		-0.02		N/A		N/A		N/A		N/A		0.27		
IM U.S. TIPS (MF) Median	-2.02		2.15		-1.35		2.61		2.00		1.86		-4.85		
Fidelity Inflation-Protected Bond (FIPDX)	-2.67	(78)	1.23	(69)	N/A		N/A		N/A		N/A		-5.47	(70)	10/01/2021
Bloomberg U.S. TIPS Index	-2.60	(76)	1.25	(68)	-1.98	(71)	2.12	(75)	1.46	(85)	1.74	(72)	-5.38	(68)	
Difference	-0.07		-0.02		N/A		N/A		N/A		N/A		-0.09		
IM U.S. TIPS (MF) Median	-2.02		2.15		-1.35		2.61		2.00		1.86		-4.85		
Total Direct Real Estate	-1.18	(18)	-15.03	(81)	6.81	(53)	6.45	(23)	7.69	(22)	9.33	(29)	10.28	(36)	01/01/2011
Direct Real Estate Policy	-1.90	(35)	-12.14	(38)	7.13	(39)	5.85	(46)	6.19	(65)	7.70	(72)	8.62	(80)	
Difference	0.72		-2.89		-0.32		0.60		1.50		1.63		1.66		
IM U.S. Open End Private Real Estate (SA+CF) Median	-2.72		-12.83		6.83		5.76		6.55		8.63		9.87		
Intercontinental	-0.81	(14)	-15.88	(86)	6.51	(64)	6.45	(23)	7.89	(21)	9.62	(24)	10.66	(N/A)	02/01/2011
Direct Real Estate Policy	-1.90	(35)	-12.14	(38)	7.13	(39)	5.85	(46)	6.19	(65)	7.70	(72)	8.68	(N/A)	
Difference	1.09		-3.74		-0.62		0.60		1.70		1.92		1.98		
IM U.S. Open End Private Real Estate (SA+CF) Median	-2.72		-12.83		6.83		5.76		6.55		8.63		N/A		
American Core Realty Fund	-2.22	(41)	-12.54	(47)	7.69	(20)	6.27	(31)	6.77	(48)	8.26	(56)	9.28	(59)	01/01/2011
Direct Real Estate Policy	-1.90	(35)	-12.14	(38)	7.13	(39)	5.85	(46)	6.19	(65)	7.70	(72)	8.62	(80)	
Difference	-0.32		-0.40		0.56		0.42		0.58		0.56		0.66		
IM U.S. Open End Private Real Estate (SA+CF) Median	-2.72		-12.83		6.83		5.76		6.55		8.63		9.87		

Returns for periods greater than one year are annualized.

Returns are expressed as percentages. Parenthesized number represents pertinent peer group ranking: 1-100, best to worst. ^ Garcia Policy from Barclays Agg to Barclays Intermediate Agg effective 12-1-2021.



Active Return	- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.
Alpha	- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.
Beta	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.
Consistency	- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.
Distributed to Paid In (DPI)	- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.
Down Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance
Downside Risk	- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.
Excess Return	- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.
Excess Risk	- A measure of the standard deviation of a portfolio's performance relative to the risk free return.
Information Ratio	- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.
Public Market Equivalent (PME)	- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.
R-Squared	- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.
Return	- Compounded rate of return for the period.
Sharpe Ratio	- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.
Standard Deviation	- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.
Total Value to Paid In (TVPI)	- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life
Tracking Error	- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.
Treynor Ratio	- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.
Up Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.

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

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