Investment Performance Review Period Ending June 30, 2022

City of Key West General Employees' Pension Fund



As you may recall from our Client Letter at the beginning of the year, AndCo 2021 was the first year we launched an initiative to participate in this research remains steadfast in our belief and conviction that the best way to service our valued clients is within a model that is independent, singularly focused, customized, and passionately delivered. We continue to reinvest 100% of our net profits back into the organization to enhance our customized service model and provide the appropriate resources for all our team members to serve our valued clients at a high level.

To that end, we are thrilled to share that AndCo is the recipient of a Greenwich Quality Leader Award for mid-sized consulting firms!

Coalition Greenwich is a leading global provider of data, analytics, and insights to As we have stated since our rebrand in 2017, our name, AndCo, reminds us of the financial services industry, and the Greenwich Exchange provides institutional investors with robust and actionable data to inform their decision-making. Research participants receive regional and global industry insights, as well as your trust, and add value. peers' perceptions of asset managers and investment consultants.

Outlined below are the award criteria research participants answer that determines Quality Leader Awards each year. To qualify as a research participant you must have at least \$150MM in investable assets.

opportunity and the experience helped glean key insights into what is important for our clients and how we can better serve them going forward. We deeply appreciate the client representatives that acted as research participants in the 2021 study.

While our consultants are the tip of the spear when servicing our clients, this award, and our overall client service experience, would not have been possible without the work of our entire AndCo team. We greatly appreciate their ongoing work and efforts that made this award possible.

who we work for every day - "Our Client" &Co. You will always be first in our service model and at the forefront of each team member's efforts to serve, earn

Thank you again for your valued partnership and the opportunity to serve you. We share this award with you and will continue to work hard to earn your trust as we move forward in these challenging market environments.

GREENWICH QUALITY LEADER AWARD CRITERIA

Understanding of Client Goals and Objectives Advice on DC Plan Structure and Design Credibility with Investment Committee Proactive Advice and Innnovative Ideas

Client Satisfaction with Manager Recommendations Communication of Philosophy and Investment Beliefs Advice on Long-Term Asset Allocation and Liability Issues Responsiveness and Prompt Follow-Up on Client Requests Usefulness of Written Investment Reviews

Timeliness in Providing Written Reports Capability of Consultants Assigned to Clients **Usefulness of Personal Meetings** Sufficient Professional Resources

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These ratings are not indicative of AndCo's future performance. These awards or any other rankings and/or recognition by unaffiliated rating services and/or publications should not be construed as a guarantee that a client will experience a certain level of results or satisfaction if they invest with AndCo, nor should it be construed as a current or past endorsement by any of our clients. AndCo did not pay a fee to participate in this award survey. Coalition Greenwich and AndCo are not affiliated entities.

METHODOLOGY FOR THIS AWARD: Between July and October 2021, Coalition Greenwich conducted interviews with 811 individuals from 661 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.



2nd Quarter 2022 Market Environment



The Economy

- Global economic growth continued to slow during the 2nd quarter as global central banks tightened monetary policy in order to fight persistently high inflation. Additionally, rising geopolitical concerns related to Russia's continued action in Ukraine, China's zero-Covid policy, and social unrest in emerging markets all contributed to the slowdown.
- The US Federal Reserve Bank (the Fed) increased interest rates twice during the quarter by a total of 1.25%. June's rate increase of 0.75% was the largest interest rate increase since the early 1990s. The Fed indicated that its primary focus is arresting the increase in inflation which could require additional rate increases.
- The US labor market continues to be a source of strength with the unemployment rate holding steady at 3.6% in June. The pace of job growth remains above the market's expectations with 390,000 and 372,000 new jobs created in May and June, respectfully. Despite these gains, the number of available workers entering the workforce remains significantly below the pre-pandemic high.
- The US housing market showed signs of cooling as higher mortgage rates pushed many buyers out of the market. Importantly, housing starts and new building permits continued their downward trend which suggests future new inventory may fall short of demand. Finally, home price appreciation continued to increase as measured by the Cash-Shiller Home Price Index.

Equity (Domestic and International)

- US equities declined broadly during the 2nd quarter as worries regarding inflation, sharply higher interest rates, rising recession risk, and continued geopolitical events weighed on the equity market. Large cap value was the least negative (-12.2%) segment of the domestic equity market relative to other styles and capitalizations for the second consecutive quarter. Mid-cap growth was the worst performing style, falling 21.1% for the period.
- International stocks also struggled during the 2nd quarter as the continuing conflict in Ukraine and persistently high inflation drove markets lower. Western Europe was negatively affected by rising energy prices due to continued restrictions on purchases from Russia. Additionally, both the Euro and Yen currencies fell against the US dollar (USD) because of increasing uneasiness over future economic growth.

Fixed Income

- Concerns about current inflation levels, combined with the Fed's stated commitment to continue raising interest rates, were the primary drivers of return during the 2nd quarter. US interest rates moved significantly higher during the quarter with the US 10-Year Treasury bond rising 63 basis points to close at a yield of 2.98%.
- Performance was broadly negative across all bond market sectors during the quarter with US Treasury bonds holding up the most as market volatility increased.
- Investment grade corporate bonds underperformed higher quality mortgagebacked and US Treasury bonds during the quarter. High yield bonds also lagged their peers as fears over future economic growth and weaker corporate earnings drove credit spreads wider.
- Counterintuitively, TIPS underperformed nominal US Treasury bonds during the quarter as the bond market's future expectation for inflation declined.

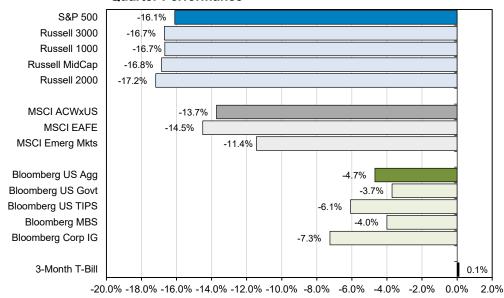
Market Themes

- The pace of global central bank monetary tightening increased during the quarter with the both the Fed and Bank of England raising interest rates. The European Central Bank also hinted it would begin raising rates during the 3rd quarter.
- The crisis in Ukraine continues to negatively impact global economic growth.
 Specifically, recently imposed restrictions will likely result in higher energy costs in Europe just as economic growth beings to slow.
- US equity markets experienced their second consecutive negative quarter of performance and their worst start to a calendar year since the 1970s. Growthoriented stocks significantly underperformed value stocks as investors' fears about rising inflation and future economic growth carried through to asset prices. Historically, growth stocks have underperformed value stocks as the economy slows.
- Interest rates continued to rise across the Treasury yield curve during the quarter as investors believe the Fed will continue to raise interest rates to fight inflation. The shape of the yield curve remained relatively flat between two- and ten-year maturities. Historically, the yield curve has been used as a leading indicator to predict the market's expectations of a recession.

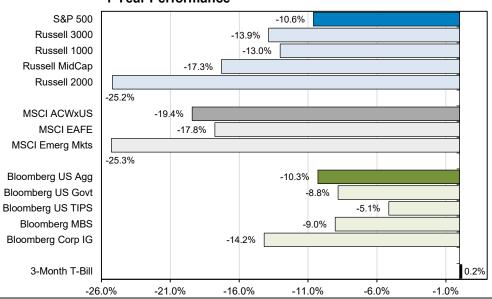


- Broad US equity markets continued their recent trend delivering negative returns during the 2nd quarter of 2022. A variety of factors contributed to performance including persistently high inflation, the potential for future interest rate increases, geopolitical events in Ukraine, and concerns related to slower economic growth. For the period, the S&P 500 large cap benchmark returned -16.1%, compared to -16.8% for mid-cap and -17.2% for small cap indices.
- Developed market international equities also suffered negative results for the 2nd quarter. Europe continues to be negatively impacted by the ongoing crisis in Ukraine. Recently, restrictions related to Russian energy imports were imposed leading to further energy cost increases. For the quarter, the MSCI EAFE Index declined by -14.5%.
- Emerging markets were also under pressure due to the continued conflict in Ukraine and China's "Zero Covid" policy. During the period, the MSCI Emerging Markets Index fell by -11.4%
- Bond market performance was broadly negative for the quarter due to rising inflation and the prospect of additional interest rate increases. The Bloomberg (BB) US Aggregate Index returned -4.7% for the period while Investment Grade Corporate bonds posted a return of -7.3%. US Treasury bonds held up the most for the period, but still declined by -3.7%.
- The quarter's negative performance added to challenged returns of developed equity markets over the trailing 1-year period. The primary drivers of returns during the period were rising inflation, the path of interest rates, and future economic growth. The S&P 500 large cap stock index led relative equity market performance for the year but still returned a disappointing -10.6%. The downside outlier was the Russell 2000 small cap index, which declined by -25.3% for the year.
- Similar to domestic equities, the developed international and emerging markets suffered negative returns over the trailing 1-year period. The developed market MSCI EAFE Index posted a return of -17.8% while the MSCI Emerging Markets Index pulled back by -25.3%. Economic growth slowed throughout the year as monetary stimulus wore off and it became increasingly clear that high inflation levels were not transitory.
- Bond market returns also disappointed over the trailing 1-year period with the BB US Aggregate Index dropping by -10.3%.

Quarter Performance



1-Year Performance



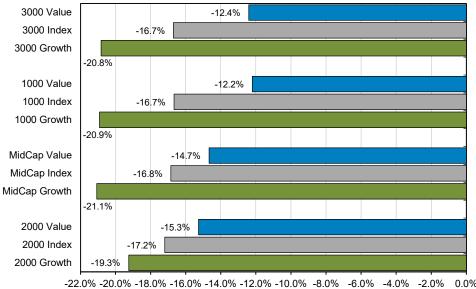
Source: Investment Metrics



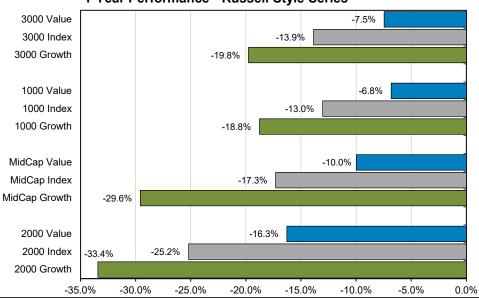
- Volatility increased during the 2nd quarter as each broad US equity benchmark posted negative results across both the style and market capitalization spectrums. Large cap stocks continued their leadership, followed by mid and small cap issues. The Russell 1000 Index declined by -16.7% for the quarter while the Russell Mid Cap Index and the Russell 2000 Index fell by -16.8% and -17.2%, respectively.
- Performance across styles and market capitalizations was disparate during the quarter. Value stocks handily outpaced their growth counterparts across market capitalizations. For the period, the Russell 1000 Value Index was the least negative performing style index, posting a weak return of -12.2%. Mid cap and large cap growth stocks fell even further with the Mid Cap Growth Index declining by -21.1% and the Russell 1000 Growth Index posting a return of -20.9%.

- Performance across all market capitalizations and styles were also negative over the trailing 1-year period. Much like the 2nd quarter, large cap stocks were down less than mid and small cap stocks for the 1-year period. The Russell 1000 Index returned -13.0% for the year but was down significantly less than both its mid and small cap growth index counterparts. The downside outlier during the period was the Russell 2000 Index which fell by -25.2%.
- The return dispersion across market styles was also wide for the trailing 1-year period and value stocks were down less than growth stocks by a two-to-one margin across large, mid and small style-based indexes. The return dispersion was extreme with the Russell 1000 Value Index returning -6.8%, and at the other end of the spectrum, the Russell 2000 Growth Index posting a return of -33.4%.

Quarter Performance - Russell Style Series



1-Year Performance - Russell Style Series

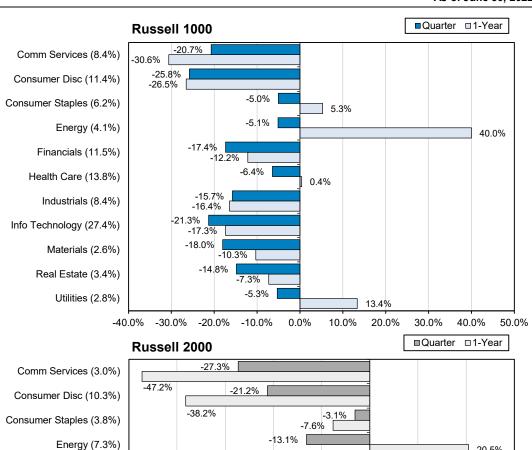


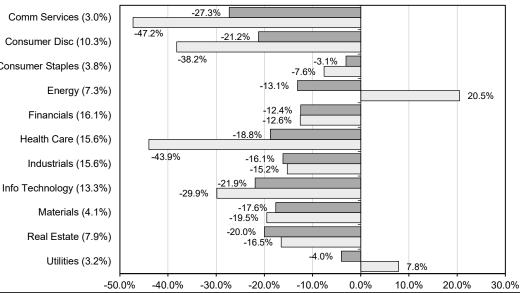
Source: Investment Metrics



- Economic sector performance was negative across all eleven large cap economic sectors for the 2nd quarter. Only four sectors were down less than the return of the broader Russell 1000 Index (-16.7%) on a relative basis during the period.
- Defensive sectors including consumer staples (-5.0%) energy (-5.1%), and utilities (-5.3%) were the least negative performing sectors for the quarter. Concerns about a potential economic slowdown drove the performance of consumer staples during the period. Energy prices remained elevated which acted as a tailwind for the sector. Economically sensitive sectors such as consumer discretionary (-25.8%), information technology (-21.3%), and communication services (-20.7%), significantly underperformed the broader index for the quarter.
- For the full year, seven sectors exceeded the return of the broad large cap benchmark: energy (40.0%), utilities (13.4%), consumer staples (5.3%), health care (0.4%), real estate (-7.3%), materials (-10.3%), and financials (-12.2%). The weakest economic sector performance in the Russell 1000 for the year was communication services (-30.6%).

- Small cap sector performance was also broadly negative for the 2nd quarter with all sectors posting negative performance. Five sectors were down less than the return of the broader Russell 2000 Index (-17.2%) on a relative basis. The consumer staples (-3.1%) sector held up the most for the quarter and the communication services (-27.3%) sector the was the weakest.
- For the trailing 1-year period, seven of the eleven small sectors outpaced the broad benchmark's return (-25.2%). However, only two defensive sectors posted positive performance for the year: energy (20.5%) and utilities (7.8%). The weakest sector over the trailing year was communication services (-47.2%).







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



Top 10 Weighted Stocks						
Russell 1000	000 Weight 1-Qtr 1-Year Return Return		Sector			
Apple Inc	5.92%	-21.6%	0.4%	Information Technology		
Microsoft Corp	5.44%	-16.5%	-4.4%	Information Technology		
Amazon.com Inc	2.67%	-34.8%	-38.3%	Consumer Discretionary		
Alphabet Inc Class A	1.85%	-21.6%	-10.8%	Communication Services		
Alphabet Inc Class C	1.70%	-21.7%	-12.7%	Communication Services		
Tesla Inc	1.62%	-37.5%	-0.9%	Consumer Discretionary		
Berkshire Hathaway Inc Class B	1.39%	-22.6%	-1.8%	Financials		
UnitedHealth Group Inc	1.36%	1.1%	30.0%	Health Care		
Johnson & Johnson	1.32%	0.8%	10.5%	Health Care		
Meta Platforms Inc Class A	1.05%	-27.5%	-53.6%	Communication Services		

Top 10 Weighted Stocks						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Biohaven Pharmaceutical Hldg Co Ltd	0.40%	22.9%	50.1%	Health Care		
ShockWave Medical Inc	0.30%	-7.8%	0.8%	Health Care		
Chart Industries Inc	0.27%	-2.6%	14.4%	Industrials		
Halozyme Therapeutics Inc	0.26%	10.3%	-3.1%	Health Care		
SailPoint Technologies Holdings Inc	0.26%	22.5%	22.7%	Information Technology		
SouthState Corp	0.25%	-4.8%	-3.3%	Financials		
Southwest Gas Holdings Inc	0.25%	12.0%	35.9%	Utilities		
Stag Industrial Inc	0.24%	-24.5%	-14.5%	Real Estate		
Agree Realty Corp	0.24%	9.8%	6.4%	Real Estate		
RBC Bearings Inc	0.23%	-4.6%	-7.3%	Industrials		

Top 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Ollie's Bargain Outlet Holdings Inc	0.01%	36.8%	-30.2%	Consumer Discretionary		
H&R Block Inc	0.02%	36.6%	56.7%	Consumer Discretionary		
United Therapeutics Corp	0.03%	31.3%	31.3%	Health Care		
Grocery Outlet Holding Corp	0.01%	30.0%	23.0%	Consumer Staples		
Pilgrims Pride Corp	0.00%	24.4%	40.8%	Consumer Staples		
Seagen Inc Ordinary Shares	0.07%	22.8%	12.1%	Health Care		
Lamb Weston Holdings Inc	0.03%	19.7%	-10.0%	Consumer Staples		
Post Holdings Inc	0.01%	18.9%	14.1%	Consumer Staples		
Monster Beverage Corp	0.10%	16.0%	1.5%	Consumer Staples		
American Campus Communities Inc	0.03%	15.2%	41.8%	Real Estate		

Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight 1-Qtr Return		1-Year Return	Sector		
Redbox Entertainment Inc Class A	0.00%	213.6%	N/A	Communication Services		
Turning Point Therapeutics Inc	0.15%	180.3%	-3.6%	Health Care		
Veru Inc	0.03%	134.0%	40.0%	Consumer Staples		
GTY Technology Holdings Inc Class A	0.01%	93.8%	-12.0%	Information Technology		
Day One Biopharmaceuticals Inc	0.02%	80.4%	-21.4%	Health Care		
SIGA Technologies Inc	0.02%	73.3%	95.7%	Health Care		
Sierra Oncology Inc	0.04%	71.6%	182.4%	Health Care		
Scorpio Tankers Inc	0.08%	62.0%	60.1%	Energy		
Lulus Fashion Lounge Holdings Inc	0.00%	60.0%	N/A	Consumer Discretionary		
Convey Health Solutions Hldg Ord Shrs	0.01%	59.0%	-8.6%	Health Care		

Bottom 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Carvana Co Class A	0.01%	-81.1%	-92.5%	Consumer Discretionary		
Coinbase Global Inc Ord Shrs - Class A	0.02%	-75.2%	-81.4%	Financials		
Upstart Holdings Inc Ordinary Shares	0.01%	-71.0%	-74.7%	Financials		
Lyft Inc Class A	0.01%	-65.4%	-78.0%	Industrials		
Peloton Interactive Inc	0.01%	-65.3%	-92.6%	Consumer Discretionary		
Cloudflare Inc	0.03%	-63.5%	-58.7%	Information Technology		
Unity Software Inc Ordinary Shares	0.02%	-62.9%	-66.5%	Information Technology		
Affirm Holdings Inc Ord Shrs - Class A	0.01%	-61.0%	-73.2%	Information Technology		
Wayfair Inc Class A	0.01%	-60.7%	-86.2%	Consumer Discretionary		
Royal Caribbean Group	0.02%	-58.3%	-59.1%	Consumer Discretionary		

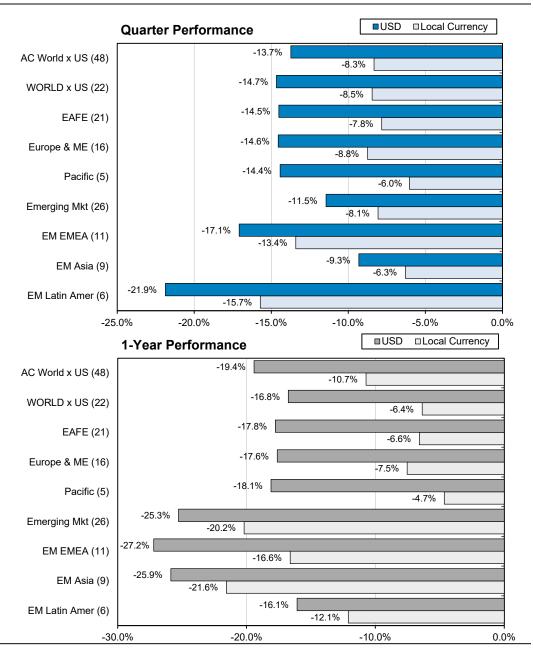
Bottom 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Applied Blockchain Inc	0.00%	-93.3%	-90.1%	Information Technology		
TeraWulf Inc	0.00%	-85.7%	N/A	Information Technology		
Velo3D Inc	0.00%	-85.2%	N/A	Industrials		
Avaya Holdings Corp	0.01%	-82.3%	-91.7%	Information Technology		
Bird Global Inc Class A	0.00%	-82.2%	N/A	Industrials		
Core Scientific Inc Ord Shares - Class A	0.01%	-81.9%	N/A	Information Technology		
Boxed Inc	0.00%	-81.8%	N/A	Consumer Discretionary		
Marathon Digital Holdings Inc	0.02%	-80.9%	-83.0%	Information Technology		
Riot Blockchain Inc	0.02%	-80.2%	-88.9%	Information Technology		
Endo International PLC	0.00%	-79.8%	-90.0%	Health Care		

Source: Morningstar Direct



Performance across all developed and emerging international equity indexes tracked in the chart were negative during the quarter in both US dollar (USD) and local currency (LC) terms. The developed market MSCI EAFE Index returned -14.5% in USD and -7.8% in LC terms for the period, while the MSCI Emerging Markets Index declined by -11.5% in USD and -8.1% in LC terms. Developed markets were negatively impacted by rising inflation and tighter monetary policy. Emerging markets, especially those that export commodities, held up better.

The trailing 1-year results for both international developed and emerging markets were broadly negative across all regions and currencies. The MSCI EAFE Index returned -17.8% in USD for the year and -6.6% in LC terms. Similarly, returns across emerging markets were broadly lower with the MSCI Emerging Markets Index falling by -25.3% in USD and -20.2% in LC terms. Within emerging markets, the EMEA region was the worst performing, declining by -27.2% in USD and -16.6% in LC terms. The region was negatively affected by the conflict in Ukraine.



Source: MSCI Global Index Monitor (Returns are Net)



MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	5.0%	-10.9%	-20.7%
Consumer Discretionary	11.3%	-15.5%	-27.6%
Consumer Staples	10.9%	-8.4%	-14.0%
Energy	4.8%	-4.1%	21.4%
Financials	17.7%	-13.9%	-12.3%
Health Care	13.9%	-9.5%	-9.9%
Industrials	14.9%	-18.5%	-24.4%
Information Technology	7.8%	-23.5%	-30.0%
Materials	7.5%	-21.0%	-18.6%
Real Estate	2.9%	-15.8%	-20.9%
Utilities	3.5%	-11.8%	-12.2%
Total	100.0%	-14.5%	-17.8%

MSCI – ACWIxUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	6.5%	-10.7%	-26.6%
Consumer Discretionary	11.7%	-8.4%	-31.1%
Consumer Staples	8.9%	-7.6%	-14.0%
Energy	6.0%	-4.7%	8.2%
Financials	20.3%	-14.3%	-10.4%
Health Care	9.8%	-9.6%	-15.8%
Industrials	11.8%	-17.1%	-22.1%
Information Technology	11.0%	-22.6%	-31.6%
Materials	8.0%	-21.4%	-19.1%
Real Estate	2.5%	-13.5%	-22.5%
Utilities	3.4%	-9.5%	-7.5%
Total	100.0%	-13.7%	-19.4%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	10.6%	-10.5%	-32.9%
Consumer Discretionary	14.9%	6.3%	-37.2%
Consumer Staples	6.1%	-4.6%	-17.7%
Energy	5.0%	-5.9%	-21.7%
Financials	21.2%	-14.1%	-8.7%
Health Care	4.0%	-8.8%	-42.3%
Industrials	5.6%	-9.5%	-17.8%
Information Technology	19.2%	-20.8%	-28.9%
Materials	8.4%	-20.6%	-24.2%
Real Estate	2.1%	-6.1%	-27.6%
Utilities	2.9%	-4.4%	3.3%
Total	100.0%	-11.5%	-25.3%

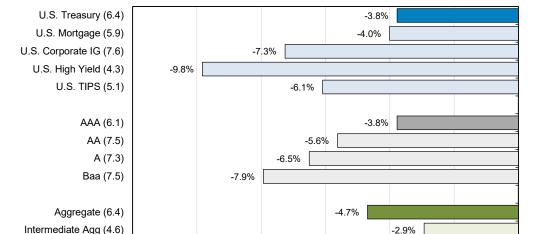
	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	22.3%	13.8%	-14.6%	-19.9%
United Kingdom	15.9%	9.9%	-10.5%	-4.0%
France	11.2%	7.0%	-14.8%	-18.3%
Switzerland	10.5%	6.5%	-14.5%	-12.7%
Australia	7.8%	4.9%	-18.1%	-13.1%
Germany	7.8%	4.8%	-18.1%	-31.2%
Netherlands	4.1%	2.6%	-19.0%	-28.4%
Sweden	3.4%	2.1%	-21.4%	-31.0%
Hong Kong	3.3%	2.1%	-1.1%	-15.2%
Denmark	2.8%	1.7%	-12.0%	-10.5%
Spain	2.5%	1.6%	-8.4%	-16.3%
Italy	2.3%	1.4%	-17.7%	-22.7%
Singapore	1.5%	0.9%	-16.8%	-21.0%
Belgium	1.0%	0.6%	-13.4%	-21.0%
Finland	1.0%	0.6%	-10.9%	-21.7%
Norway	0.8%	0.5%	-14.8%	-1.6%
Israel	0.8%	0.5%	-20.0%	-18.1%
Ireland	0.6%	0.4%	-19.6%	-35.4%
Portugal	0.2%	0.1%	-6.1%	1.4%
Austria	0.2%	0.1%	-17.2%	-23.1%
New Zealand	0.2%	0.1%	-16.9%	-25.8%
Total EAFE Countries	100.0%	62.2%	-14.5%	-17.8%
Canada	1001070	8.1%	-15.8%	-8.0%
Total Developed Countries		71.4%	-4.8%	3.0%
China		10.5%	3.4%	-31.8%
Taiwan		4.3%	-19.8%	-20.4%
India		3.8%	-13.7%	-4.8%
Korea		3.4%	-20.9%	-38.5%
Brazil		1.4%	-24.4%	-23.3%
Saudi Arabia		1.3%	-12.5%	10.3%
South Africa		1.1%	-23.0%	-13.2%
Mexico		0.6%	-15.2%	-0.7%
Thailand		0.6%	-10.6%	-7.5%
Indonesia		0.5%	-9.0%	16.1%
Malaysia		0.4%	-12.8%	-9.3%
United Arab Emirates		0.4%	-19.4%	14.7%
Qatar		0.3%	-10.8%	17.4%
Kuwait		0.2%	-7.7%	22.8%
Philippines		0.2%	-19.5%	-17.8%
Poland		0.2%	-19.5% -27.1%	-35.1%
Chile		0.2%	-15.9%	-10.1%
Turkey		0.2%	-15.9% -10.9%	-10.1% -9.0%
Peru		0.1%		-9.0% -7.5%
		0.1%	-30.2% -17.0%	-7.5% -17.5%
Greece				
Colombia		0.1%	-28.0%	3.3%
Czech Republic		0.1%	-3.7%	27.4%
Hungary		0.1%	-26.3%	-42.2%
Egypt		0.0%	-20.4%	-24.8%
Total Emerging Countries		29.7%	-11.5%	-25.3%
Total ACWIxUS Countries		100.0%	-13.7%	-19.4%

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 were broadly negative during the 2nd quarter. Investors remained focused on rising inflation and the potential of future Fed rate increases to combat it. As a result, US Treasury bond yields were higher across the maturity curve during the guarter.
- The return for the BB US Aggregate Bond Index, the bellwether investment grade benchmark, was down -4.7% for the period.
- Performance across the investment grade index's segments was also negative during the period with the US Corporate Investment Grade bonds declining -7.3% and the US Mortgage index component posting a return of -4.0%.
- US Treasury bonds were the quarter's least negative segment, returning -3.8% and high yield bonds were the worst performing, declining by -9.8%.
- Outside of domestic markets, the BB Global Aggregate ex US Index fell by -11.0% for the guarter. Like international stocks, global bond index performance was negatively impacted by the strengthening USD, which acted as a drag on USD index returns. Additionally, yields in both German and Japan, two of the largest issuers in the benchmark, moved markedly higher during the period.
- Over the trailing 1-year period, domestic investment grade benchmark performance was negative and led lower by investment grade corporate(-14.2%) and mortgage (-9.0%) bonds. US TIPS (-5.1%) were down less than nominal US Treasury bonds (-8.9%). The bellwether BB US Aggregate Bond Index declined by -10.3% for the year.
- Primarily due to their shorter maturity profile, lower quality high yield corporate bonds fell by less than their investment grade counterparts with the BB US High Yield Index returning -12.8% for the period.
- Non-US bonds have been under significant pressure over the past year with the developed market BB Global Aggregate ex US Index falling by -18.8%. The combination of rising inflation, higher interest rates, a longer maturity profile, and USD strength contributed to weak index performance for the year.



-10.0% 1-Year Performance

-8.4%

-8.0%

-6.0%

-4.0%

-2.0%

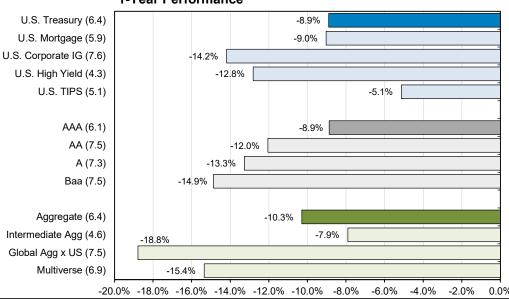
0.0%

Global Agg x US (7.5)

Multiverse (6.9)

-12.0%

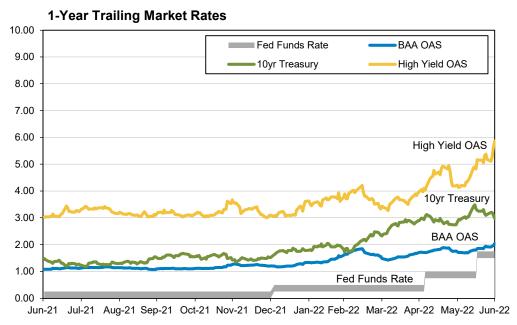
Quarter Performance

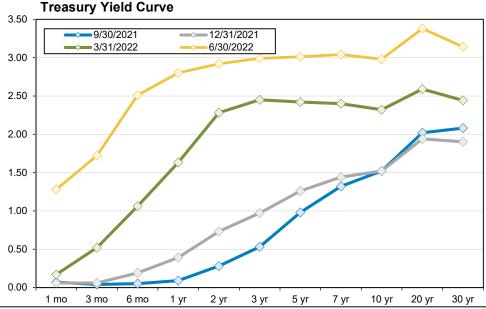


Source: Bloomberg



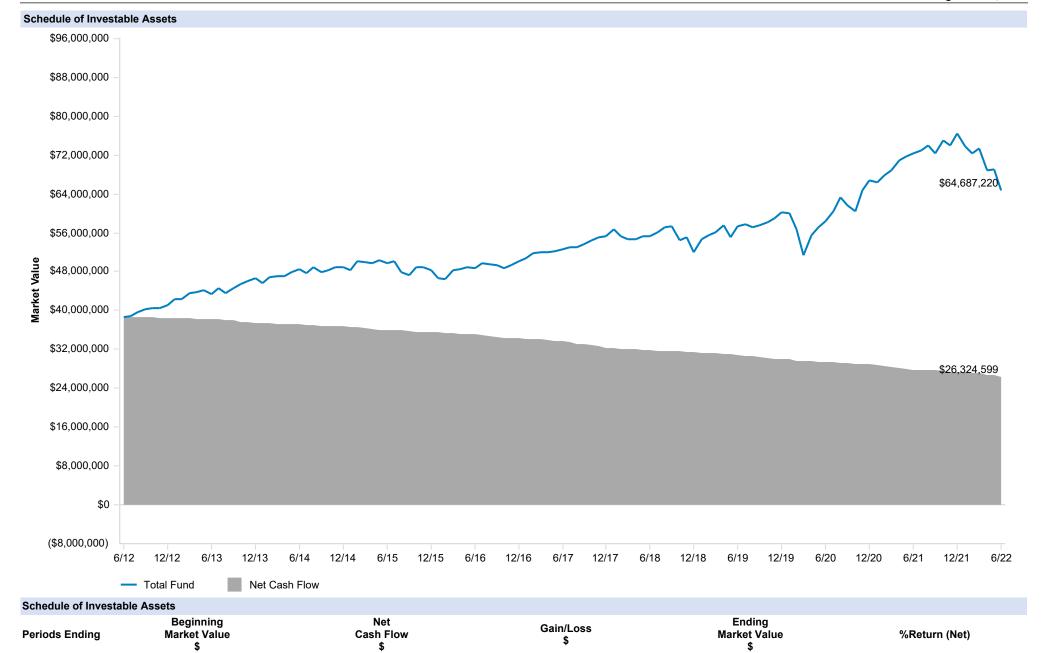
- The gray band across the graph illustrates the range of the current Fed Funds Rate. In the 2nd quarter this year, the Fed raised the upper end of its target rate range from 0.50% to 1.75%. During its recent June meeting, the Federal Open Market Committee (FOMC) stated that it remains committed to fighting higher inflation and will consider future interest rate increases. Importantly, the FOMC stated that it will begin lowering the size of the balance sheet by not reinvesting proceeds from maturing bonds.
- The yield on the US 10-year Treasury (green line) ended the period higher as concerns over the pace of inflation, combined with the Fed's announced rate increase, drove yields higher. After reaching a high of nearly 3.50% during June, interest rates traded fell for the remainder of the quarter. The yield on the US 10-year Treasury was 2.98% on June 30th.
- The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional yield premium that investors require to purchase and hold non-US Treasury investment grade issues. For the full year, the spread widened to 2.04% from 1.07%. High Yield OAS moved significantly higher over the latter part of the year as spreads rose from 3.04% to 5.87%. High Yield spreads began moving wider during the year on concerns over slowing economic growth which raises the specter of a potential increase in defaults.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. The yield curve shifted significantly higher across all maturities during the 2nd quarter of 2022 following the Fed's decision to raise interest rates by 1.25%. The shape of the yield curve normalized during the quarter as longer-term interest rates moved above short-term rates. As of the end of the quarter, the spread between 2-year and 10-year rates was positive. Historically, market expectations for recession increase when longer-term interest rates trade below their short-term peers.





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





38,362,621

64,687,220

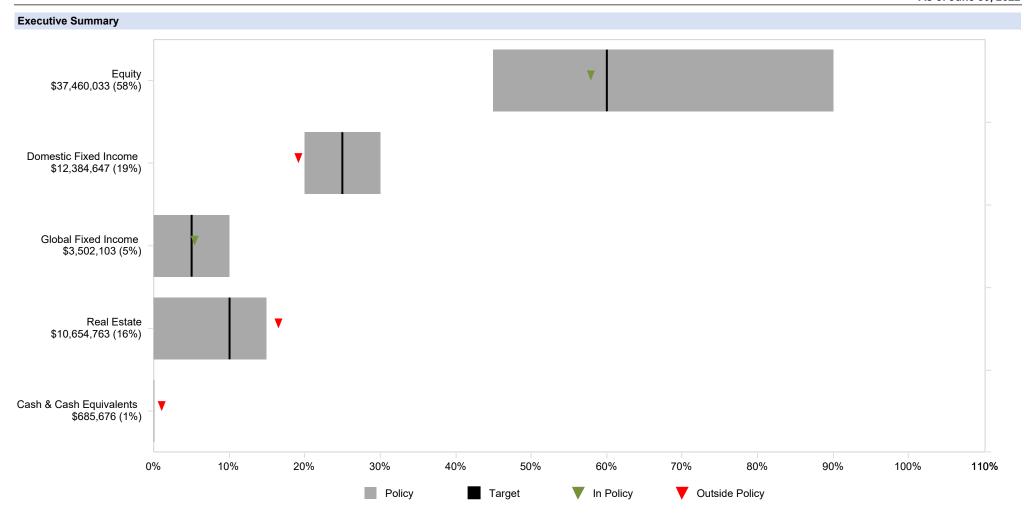


8.00

10 YR

38,726,320

-12,401,721

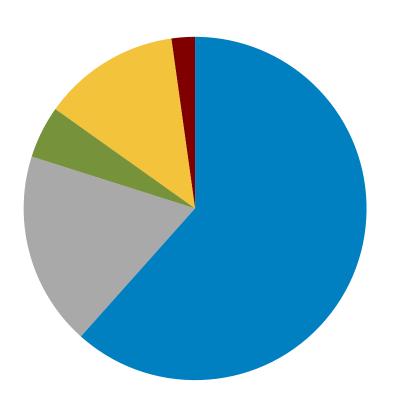


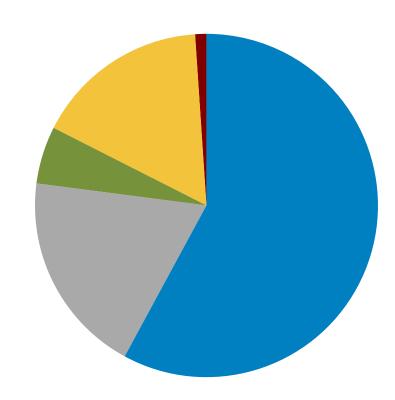
Asset Allocation Compliance								
	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Min. Rebal.	Target Rebal.	Max. Rebal.
Equity	37,460,033	57.9	45.0	60.0	90.0	-8,350,783	1,352,300	20,758,466
Domestic Fixed Income	12,384,647	19.1	20.0	25.0	30.0	552,798	3,787,159	7,021,520
Global Fixed Income	3,502,103	5.4	0.0	5.0	10.0	-3,502,103	-267,742	2,966,619
Real Estate	10,654,763	16.5	0.0	10.0	15.0	-10,654,763	-4,186,041	-951,680
Cash & Cash Equivalents	685,676	1.1	0.0	0.0	0.0	-685,676	-685,676	-685,676
Total Fund	64,687,220	100.0	N/A	100.0	N/A	-	-	-



Asset Allocation By Segment as of March 31, 2022 : \$73,323,265

Asset Allocation By Segment as of June 30, 2022 : \$64,687,220



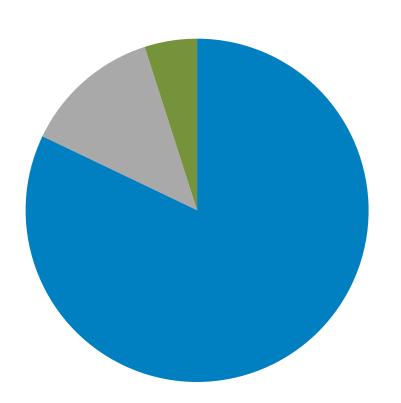


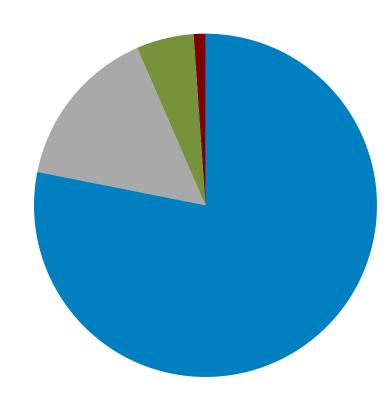
ation Allocation						
Segments	Market Value	Allocation	Segments	Market Value	Allocation	
■ Equity	45,165,852	61.6	Equity	37,460,033	57.9	
■ Domestic Fixed Income	13,408,026	18.3	Domestic Fixed Income	12,384,647	19.1	
■ Global Fixed Income	3,624,905	4.9	Global Fixed Income	3,502,103	5.4	
Real Estate	9,503,758	13.0	Real Estate	10,654,763	16.5	
■ Cash Equivalent	1,620,724	2.2	■ Cash Equivalent	685,676	1.1	



Asset Allocation By Manager as of March 31, 2022 : \$73,323,265

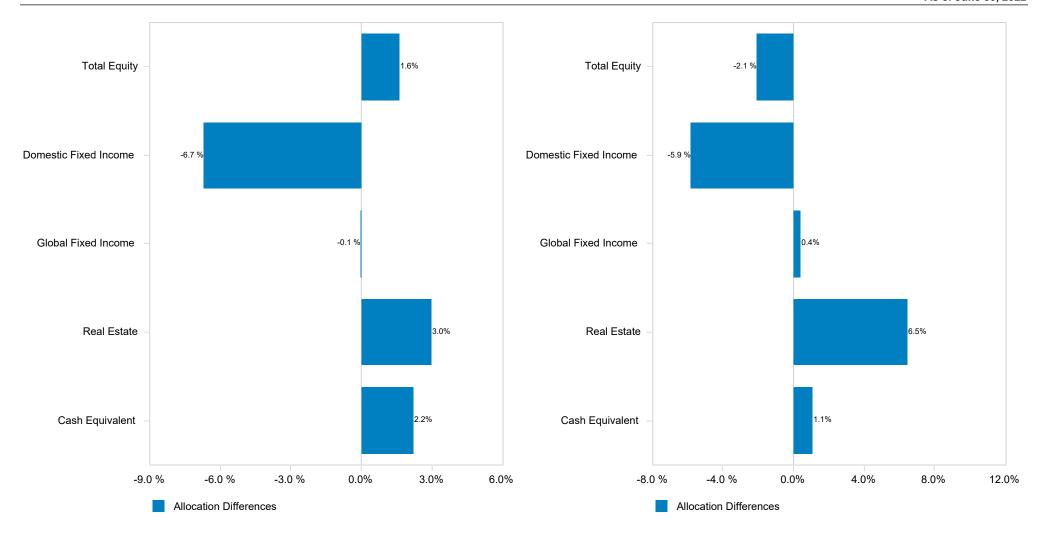
Asset Allocation By Manager as of June 30, 2022 : \$64,687,220





ocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Highland Capital	60,194,601	82.1	■ Highland Capital	50,530,354	78.1
ARA Core Property Fund	9,503,758	13.0	ARA Core Property Fund	9,936,162	15.4
■ Pimco Global Bond Opp (Hedged) (PGBIX)	3,624,905	4.9	■ Pimco Global Bond Opp (Hedged) (PGBIX)	3,502,103	5.4
Mutual Fund Cash	1	0.0	American Strategic Value Fund	718,601	1.1
■ American Strategic Value Fund	-	0.0	Mutual Fund Cash	1	0.0

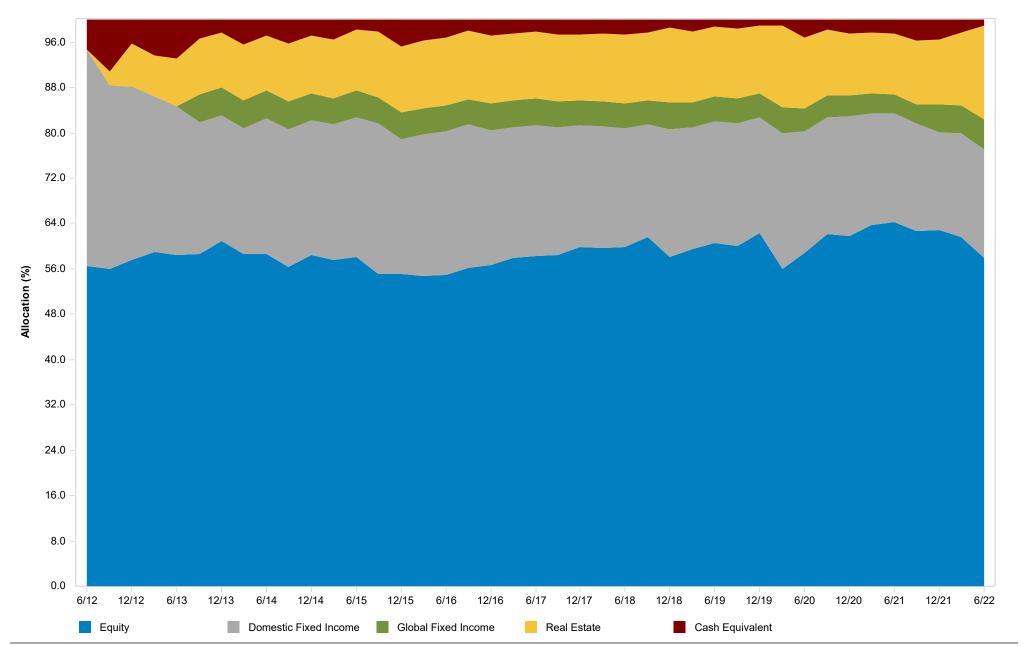




	As of Ma	rch 31, 2022			As of June 30, 2022					
	Market Value \$	Allocation (%)	Target (%)		Market Value \$	Allocation (%)	Target (%)			
Total Equity	45,165,852	61.6	60.0	Total Equity	37,460,033	57.9	60.0			
Domestic Fixed Income	13,408,026	18.3	25.0	Domestic Fixed Income	12,384,647	19.1	25.0			
Global Fixed Income	3,624,905	4.9	5.0	Global Fixed Income	3,502,103	5.4	5.0			
Real Estate	9,503,758	13.0	10.0	Real Estate	10,654,763	16.5	10.0			
Cash Equivalent	1,620,724	2.2	0.0	Cash Equivalent	685,676	1.1	0.0			
Total Fund	73,323,265	100.0	100.0	Total Fund	64,687,220	100.0	100.0			



Historical Asset Allocation by Segment





Financial Reconciliation Quarter to Date									
	Market Value 04/01/2022	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2022
Highland Capital	60,194,601	-717,800	476,111	-1,215,118	-113,521	-9,647	304,476	-8,388,748	50,530,354
Pimco Global Bond Opp (Hedged) (PGBIX)	3,624,905	-	-	-	-	-	13,607	-136,409	3,502,103
ARA Core Property Fund	9,503,758	-	-	-	-27,400	-	67,638	392,165	9,936,162
American Strategic Value Fund	-	717,800	-	-	-169	-	-	970	718,601
Mutual Fund Cash	1	-	-	-	-	-	-	-	1
Total Fund	73,323,265	-	476,111	-1,215,118	-141,090	-9,647	385,721	-8,132,021	64,687,220

Financial Reconciliation Fiscal Year to Dat	e								
	Market Value 10/01/2021	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2022
Highland Capital	61,809,155	-2,017,800	1,501,400	-2,824,845	-237,494	-95,160	897,676	-8,502,579	50,530,354
Pimco Global Bond Opp (Hedged) (PGBIX)	2,432,672	1,300,000	-	-	-	-	94,919	-325,489	3,502,103
ARA Core Property Fund	8,096,901	-	-	-	-77,836	-	186,034	1,731,063	9,936,162
American Strategic Value Fund	-	717,800	-	-	-169	-	-	970	718,601
Mutual Fund Cash	-	-	-	-	-	-	-	-	1
Total Fund	72,338,730	-	1,501,400	-2,824,845	-315,499	-95,160	1,178,630	-7,096,036	64,687,220



	QT	R	FY	ΓD	1 Y	'R	3 Y	'R	5 Y	R	10 \	r	Inception	Inceptior Date
Total Fund (Net)	-10.82		-8.78		-8.49		6.74		7.09		8.00		6.78	01/01/1998
Total Fund Policy	-10.84		-10.15		-9.96		5.88		6.79		7.98		6.52	
Total Fund (Gross)	-10.63	(67)	-8.37	(32)	-8.06	(32)	7.24	(18)	7.58	(16)	8.50	(19)	7.20 (14)	01/01/1998
Total Fund Policy	-10.84	(70)	-10.15	(54)	-9.96	(50)	5.88	(46)	6.79	(38)	7.98	(37)	6.52 (57)	
All Public Plans-Total Fund Median	-10.00		-9.89		-9.98		5.70		6.42		7.73		6.68	
Highland Capital Equity (Gross)	-16.65	(82)	-14.48	(71)	-14.80	(73)	9.60	(61)	10.03	(59)	11.65	(75)	8.56 (N/A)	01/01/1998
Total Equity Policy	-15.91	(67)	-14.45	(71)	-15.13	(75)	7.78	(75)	8.70	(85)	10.83	(83)	6.86 (N/A)	
IM U.S. All Cap Core Equity (SA+CF) Median	-15.52		-13.22		-13.42		9.97		10.32		12.60		N/A	
Highland Capital Fixed (Gross)	-4.18	(13)	-9.07	(12)	-9.29	(15)	0.10	(21)	1.48	(36)	2.00	(56)	4.15 (97)	01/01/1998
Total Fixed Policy	-4.69	(38)	-10.34	(49)	-10.29	(52)	-0.94	(91)	0.88	(93)	1.52	(97)	4.23 (88)	
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-4.85		-10.34		-10.29		-0.44		1.29		2.03		4.59	
Pimco Global Bond Opp (Hedged) (PGBIX) (Net)	-3.39	(10)	-6.21	(6)	-6.10	(6)	N/A		N/A		N/A		-2.00 (2)	09/01/2020
Bloomberg Global Agg Index (Hedged)	-4.30	(13)	-9.02	(17)	-8.94	(16)	-1.13	(21)	1.16	(14)	2.23	(11)	-5.13 (30)	
IM Global Fixed Income (MF) Median	-7.00		-13.35		-14.42		-2.33		-0.15		0.63		-6.90	
ARA Core Realty Fund (Gross)	4.84	(36)	23.73	(27)	30.69	(32)	13.13	(50)	11.00	(59)	11.09	(59)	11.09 (59)	07/01/2012
NCREIF Fund Index-Open End Diversified Core (EW)	4.55	(48)	21.59	(39)	30.06	(35)	13.23	(49)	11.01	(59)	11.39	(56)	11.39 (56)	
IM U.S. Open End Private Real Estate (SA+CF) Median	4.40		19.98		28.87		13.12		11.23		11.97		11.97	
American Strategic Value Fund (Gross)	N/A		N/A		N/A		N/A		N/A		N/A		N/A	07/01/2022
NCREIF Fund Index-Open End Diversified Core (EW)	4.55	(48)	21.59	(39)	30.06	(35)	13.23	(49)	11.01	(59)	11.39	(56)	N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median	4.40		19.98		28.87		13.12		11.23		11.97		N/A	



Comparative Performance Fiscal Year Returns																		
	Oct-2		Oct-2		Oct-2		Oct-2		Oct-2		Oct-2		Oct-2		Oct-2		Oct-	
	Sep-		Sep-2		To Sep-2		Sep-2		Sep-2		To Sep-2		Sep-2		Sep-2		T Sep-	
Total Fund (Net)	20.28		9.83		2.83		9.71		12.52		7.49		1.11		10.06		12.76	
Total Fund Policy	18.68		10.16		5.20		8.58		11.87		11.23		0.03		11.18		10.98	
Total Fund (Gross)	20.73	(50)	10.34	(14)	3.31	(76)	10.22	(8)	13.13	(28)	7.99	(89)	1.48	(8)	10.65	(32)	13.18	(37)
Total Fund Policy	18.68	(74)	10.16	(15)	5.20	(25)	8.58	(28)	11.87	(53)	11.23	(11)	0.03	(28)	11.18	(19)	10.98	(73)
All Public Plans-Total Fund Median	20.73		7.51		4.28		7.47		12.05		9.78		-0.88		9.87		12.40	
Highland Capital Equity (Gross)	32.18	(57)	15.40	(36)	0.72	(70)	16.31	(57)	20.57	(27)	9.30	(74)	-0.41	(49)	14.17	(72)	23.16	(62)
Total Equity Policy	30.03	(65)	12.06	(50)	2.04	(63)	13.62	(79)	19.14	(44)	13.68	(39)	-3.37	(81)	15.61	(63)	20.14	(84)
IM U.S. All Cap Core Equity (SA+CF) Median	34.21	. ,	12.04	, ,	2.78	. ,	16.68	, ,	18.74	, ,	12.12	, ,	-0.51	, ,	16.48	, ,	24.50	, ,
Highland Capital Fixed (Gross)	1.38	(17)	6.56	(87)	9.68	(90)	-1.07	(73)	0.85	(40)	7.00	(9)	2.18	(89)	3.95	(82)	-2.75	(100)
Total Fixed Policy	-0.90	(84)	6.98	(78)	10.30	(69)	-1.22	(88)	0.07	(84)	5.19	(80)	2.94	(62)	3.85	(89)	-1.86	(89)
IM U.S. Broad Market Core Fixed Income (SA+CF) Median	-0.01		7.53		10.42		-0.74		0.63		5.66		3.02		4.50		-1.26	
Pimco Global Bond Opp (Hedged) (PGBIX) (Net)	2.41	(27)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
Bloomberg Global Agg Index (Hedged)	-0.56	(80)	4.14	(66)	10.65	(13)	0.83	(11)	-0.17	(72)	6.54	(63)	3.14	(1)	5.50	(25)	0.54	(21)
IM Global Fixed Income (MF) Median	0.89		5.39		7.65		-1.33		1.10		7.40		-3.88		3.35		-1.81	
ARA Core Realty Fund (Gross)	13.51	(76)	1.62	(58)	6.81	(49)	8.50	(64)	7.52	(59)	9.04	(92)	13.98	(64)	12.49	(63)	12.27	(71)
NCREIF Fund Index-Open End Diversified Core (EW)	15.75	(53)	1.74	(51)	6.17	(67)	8.82	(58)	7.81	(53)	10.62	(67)	14.71	(58)	12.39	(66)	12.47	(68)
IM U.S. Open End Private Real Estate (SA+CF) Median	16.11		1.74		6.80		8.98		7.88		11.26		15.32		12.68		13.28	
American Strategic Value Fund (Gross)	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
NCREIF Fund Index-Open End Diversified Core (EW)	15.75	(53)	1.74	(51)	6.17	(67)	8.82	(58)	7.81	(53)	10.62	(67)	14.71	(58)	12.39	(66)	12.47	(68)
IM U.S. Open End Private Real Estate (SA+CF) Median	16.11		1.74		6.80		8.98		7.88		11.26		15.32		12.68		13.28	



Plan Sponsor Peer Group Analysis - All Public Plans-Total Fund 20.00 32.00 16.00 28.00 12.00 24.00 8.00 0 20.00 0 0 0 4.00 16.00 Return 0.00 0 12.00 0 0 0 -4.00 0 8.00 -8.00 0 0 0 0 0 4.00 -12.00 0.00 -16.00 -4.00 -20.00 Oct-2020 Oct-2019 Oct-2018 Oct-2017 Oct-2016 Oct-2015 To To To To To Τo **FYTD** QTR 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2021 Sep-2020 Sep-2019 Sep-2018 Sep-2017 Sep-2016 -8.37 (32) ● Total Fund -10.63 (67) -8.06 (32) 8.41 (28) 7.24 (18) 7.08 (18) 7.58 (16) Total Fund 20.73 (50) 10.34 (14) 3.31 (76) 10.22 (8) 13.13 (28) 7.99 (89) Fund Policy -10.84 (70) -10.15 (54) -9.96 (50) 6.06 (62) 5.88 (46) 6.33 (37) 6.79 (38) Fund Policy 18.68 (74) 10.16 (15) 5.20 (25) 8.58 (28) 11.87 (53) 11.23 (11) Median -10.00 -9.89 -9.98 6.91 5.70 5.89 6.42 Median 20.73 7.51 4.28 7.47 12.05 9.78 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending **Ending Ending Ending** Ending Ending Mar-2022 Dec-2021 Sep-2021 Jun-2021 Mar-2021 Dec-2020 **Total Fund** -3.37 (26) 6.10 (5) 0.34 (35) 5.82 (29) 4.39 (14) 8.92 (81) **Total Fund Policy** -4.18 (48) 5.18 0.21 (41)5.50 (48)2.45 (78)9.57 (67) (20)

0.05

5.44

3.27



10.28

All Public Plans-Total Fund Median

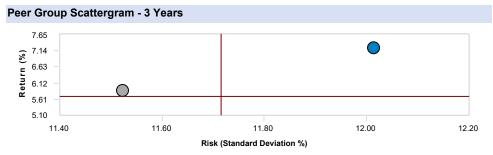
-4.27

4.33

3 Yr Rolling Under/Over Performance - 5 Years 20.0 Over Performance **Lotal Fund** (%) 15.0 10.0 5.0 Under Performance 0.0 5.0 10.0 15.0 20.0 0.0 Total Fund Policy (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years 0.0 Return Percentile Rank 50.0 75.0 100.0 3/18 9/18 3/19 9/19 3/20 9/20 3/21 9/21 6/22 9/17

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Total Fund	20	8 (40%)	12 (60%)	0 (0%)	0 (0%)
Fund Policy	20	8 (40%)	12 (60%)	0 (0%)	0 (0%)



X Latest Date

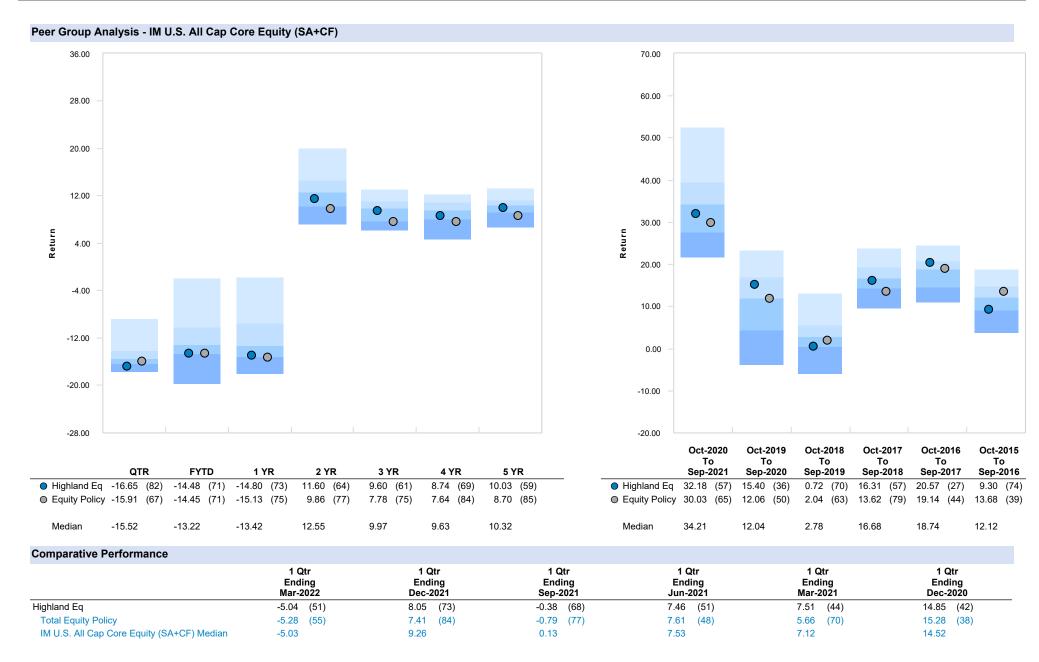
Earliest Date

Peer Group Scatt	ergram - 5 Years			
7.80 (%) 7.41 - 7.02 - 13 6.63 - 2 6.24 -	_		•	
6.63				
0.24				
5.85				
10.2	10.4	10.6	10.8	11.0
	Ri	sk (Standard Deviation %)		

	Return	Standard Deviation
Total Fund	7.24	12.01
Fund Policy	5.88	11.52
Median	5.70	11.72

Historical Statistics	- 0 1 cars							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.44	109.25	103.24	1.12	0.93	0.59	1.04	8.15
Fund Policy	0.00	100.00	100.00	0.00	N/A	0.50	1.00	7.87
Historical Statistics	- 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Total Fund	1.42	108.47	106.51	0.48	0.57	0.62	1.05	7.39
Total Fund Policy	0.00	100.00	100.00	0.00	N/A	0.58	1.00	6.97

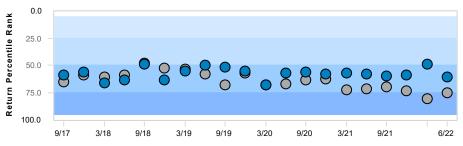






3 Yr Rolling Under/Over Performance - 5 Years 32.0 Over Performance **2**4.0 ×9-00000 Highland 8.0 8.0 Under Performance -8.0 0.0 8.0 16.0 24.0 32.0 -8.0 Total Equity Policy (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years



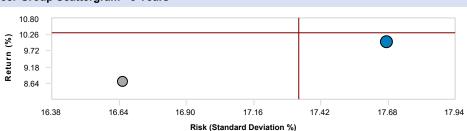
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Highland Eq	20	0 (0%)	3 (15%)	17 (85%)	0 (0%)
Equity Policy	20	0 (0%)	1 (5%)	18 (90%)	1 (5%)

Peer Group Scattergram - 3 Years 10.80 10.08 Return (%) 9.36 8.64 7.92 0 7.20 18.04 18.26 18.48 18.70 18.92 19.14 19.36 19.58

X Latest Date

Earliest Date

Peer G	roup Sca	ttergram	- 5 \	ears/
--------	----------	----------	-------	-------



	Return	Standard Deviation
Highland Eq	9.60	19.32
Equity Policy	7.78	18.37
Median	9.97	19.04

Risk (Standard Deviation %)

	Return	Deviation Standard
Highland Eq	10.03	17.68
Equity Policy	8.70	16.65
Median	10.32	17.34

Historical Statistics - 3 Years											
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk			
Highland Eq	2.12	108.05	102.63	1.44	0.88	0.54	1.05	13.01			
Equity Policy	0.00	100.00	100.00	0.00	N/A	0.47	1.00	12.61			

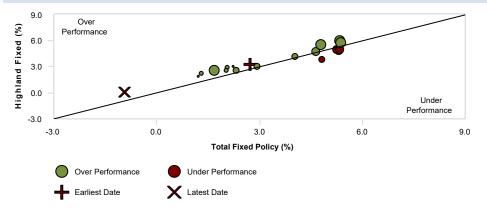
Historical Statistic	cs - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highland Eq	2.03	108.25	104.92	0.86	0.69	0.57	1.06	12.06
Equity Policy	0.00	100.00	100.00	0.00	N/A	0.52	1.00	11.46



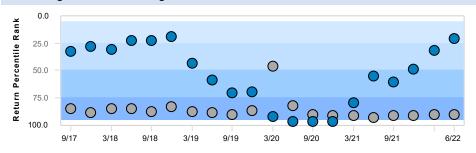
Peer Group Analysis - IM U.S. Broad Market Core Fixed Income (SA+CF) 8.00 17.00 5.00 14.00 2.00 11.00 0 0 -1.00 8.00 00 Return Return 0 5.00 -4.00 0 2.00 -7.00 0 -10.00 -1.00 0 -13.00 -4.00 -7.00 -16.00 Oct-2020 Oct-2019 Oct-2018 Oct-2017 Oct-2016 Oct-2015 To Τo To To Τo To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2021 Sep-2020 Sep-2019 Sep-2018 Sep-2017 Sep-2016 Highland Fixed -4.18 (14) -9.07 (12) -9.29 (15) -3.38 (10) 0.10 (21) 1.93 (28) 1.48 (36) Highland Fixed 1.38 (17) 6.56 (87) 9.68 (90) -1.07 (73) 0.85 (40) 7.00 (9) Fixed Policy -4.69 (39) -10.34 (49) -10.29 (52) -5.45 (81) -0.94 (91) 1.20 (92) 0.88 (94) Fixed Policy 0.07 (84) 5.19 (80) -0.90 (84) 6.98 (78) 10.30 (69) -1.22 (88) Median -4.82 -10.34 -10.29 -4.84 -0.44 1.63 1.29 Median -0.01 7.53 10.42 -0.74 0.63 5.66 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr Ending Ending Ending Ending Ending Ending Mar-2022 Dec-2021 Sep-2021 Jun-2021 Mar-2021 Dec-2020 Highland Fixed -5.63 (32) 0.56 (2) -0.24 (100) 3.08 (2) -2.08 (10) 0.68 (82) **Total Fixed Policy** -5.93 (69)0.01 (33)0.05 (68) (86)-3.38 (69)0.67 (84)1.83 IM U.S. Broad Market Core Fixed Income (SA+CF) Median -0.04 0.10 2.00 1.11 -5.81 -3.17



3 Yr Rolling Under/Over Performance - 5 Years

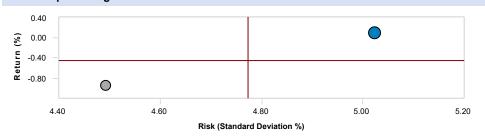


3 Yr Rolling Percentile Ranking - 5 Years

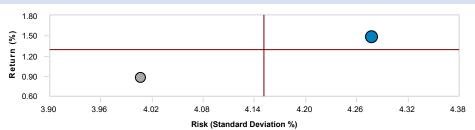


	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Highland Fixed	20	4 (20%)	6 (30%)	5 (25%)	5 (25%)
Fixed Policy	20	0 (0%)	1 (5%)	0 (0%)	19 (95%)

Peer Group Scattergram - 3 Years



Peer	Group	Scattergram	- 5 Years	
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	Return	Standard Deviation
Highland Fixed	0.10	5.02
Fixed Policy	-0.94	4.49
Median	-0.44	4.77

	Return	Standard Deviation
Highland Fixed	1.48	4.28
Fixed Policy	0.88	4.01
Median	1.29	4.15
•		****

Historical Statistics - 3 Years

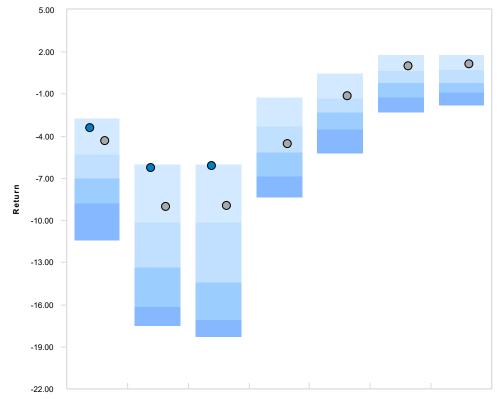
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highland Fixed	2.59	113.61	94.70	1.04	0.41	-0.08	0.96	3.57
Fixed Policy	0.00	100.00	100.00	0.00	N/A	-0.33	1.00	3.51

Historical Statistics - 5 Years

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
Highland Fixed	2.04	105.85	94.14	0.67	0.30	0.11	0.94	2.89
Fixed Policy	0.00	100.00	100.00	0.00	N/A	-0.04	1.00	2.87



Plan Sponsor Peer Group Analysis - IM Global Fixed Income (MF) 5.00



	QTR	FYTD	1 YR	2 YR	3 YR	4 YR	5 YR
Pimco GB Opp	-3.39 (10)	-6.21 (6)	-6.10 (6)	N/A	N/A	N/A	N/A
BBg Global Agg	-4.30 (13)	-9.02 (17)	-8.94 (16)	-4.54 (42)	-1.13 (21)	1.03 (16)	1.16 (14)
Median	-7.00	-13.35	-14.42	-5.16	-2.33	-0.16	-0.15

	7.00	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
	-7.00	ı	ı	ı	ı	ı	
	-4.00 —						
	-1.00 —	0				0	
	2.00 -	•			0		
Return	5.00 —		0				
	8.00 -						0
	11.00 —			0			
	14.00 -						
	17.00						

	To Sep-2021	To Sep-2020	To Sep-2019	To Sep-2018	To Sep-2017	To Sep-2016
Pimco GB Opp	2.41 (27)	N/A	N/A	N/A	N/A	N/A
BBg Global Agg	-0.56 (80)	4.14 (66)	10.65 (13)	0.83 (11)	-0.17 (72)	6.54 (63)
Median	0.89	5.39	7.65	-1.33	1.10	7.40

Comparative Performance										
	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021	1 Qtr Ending Mar-2021	1 Qtr Ending Dec-2020				
Pimco GB Opp	-2.39 (6)	-0.55 (41)	0.12 (17)	0.06 (89)	-0.24 (7)	2.46 (72)				
Bloomberg Global Agg Index (Hedged)	-4.97 (33)	0.04 (8)	0.09 (20)	0.98 (77)	-2.47 (39)	0.89 (90)				
IM Global Fixed Income (MF) Median	-5.48	-0.70	-0.40	1.33	-3.24	3.70				

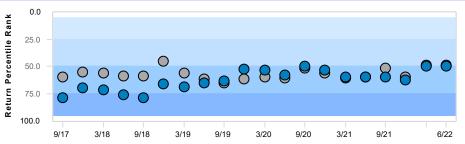


Plan Sponsor Peer Group Analysis - IM U.S. Open End Private Real Estate (SA+CF) 44.00 35.00 38.00 30.00 32.00 25.00 0 0 26.00 20.00 0 0 20.00 15.00 0 Return Return 10.00 14.00 00 00 00 00 00 00 8.00 5.00 00 00 0.00 2.00 -4.00 -5.00 -10.00 -10.00 Oct-2020 Oct-2019 Oct-2018 Oct-2017 Oct-2016 Oct-2015 То To To То To To QTR **FYTD** 1 YR 2 YR 3 YR 4 YR 5 YR Sep-2021 Sep-2020 Sep-2019 Sep-2018 Sep-2017 Sep-2016 ARA Core 4.84 (36) 23.73 (27) 30.69 (32) 18.43 (50) 13.13 (50) 11.72 (54) 11.00 ARA Core 13.51 (76) 8.50 7.52 (59) 9.04 (92) 1.62 (58) 6.81 (49)(64)NCREIF ODCE 4.55 (48) 30.06 (35) 18.98 (41) 13.23 (49) 11.61 (60) 11.01 (59) 21.59 (39) 1.74 (51) 6.17 (67) 8.82 (58) 7.81 (53) 10.62 (67) Median 4.40 19.98 28.87 18.42 13.12 11.73 11.23 Median 16.11 1.74 6.80 8.98 7.88 11.26 **Comparative Performance** 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr 1 Qtr **Ending Ending** Ending **Ending Ending** Ending Mar-2022 Dec-2021 Sep-2021 Jun-2021 Mar-2021 Dec-2020 ARA Core 8.46 (9) 8.81 (30) 5.62 (80) 4.03 (56) 1.87 (56) 1.42 (58) NCREIF ODCE 7.99 (15) (44)(35)4.39 (41) 2.28 (40)1.36 (59)7.70 6.96 IM U.S. Open End Private Real Estate (SA+CF) Median 2.10 1.63 6.75 7.57 6.33 4.17



3 Yr Rolling Under/Over Performance - 5 Years 15.0 Over Performance **ARACore** (%) 9.0 9.0 6.0 Under Performance 3.0 6.0 9.0 12.0 15.0 3.0 NCREIF ODCE (%) Over Performance Under Performance

3 Yr Rolling Percentile Ranking - 5 Years



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
ARA Core	20	0 (0%)	3 (15%)	14 (70%)	3 (15%)	
NCREIF ODCE	20	0 (0%)	3 (15%)	17 (85%)	0 (0%)	

Peer Group Scattergram - 3 Years 13.28 13.24 Return (%) 13.20 13.16 6.06 5.76 5.82 5.88 5.94 6.00 6.12 6.18 6.24 Risk (Standard Deviation %)

X Latest Date

Earliest Date

Peer	Group :	Scatterg	ıram - 5	Years
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	Return	Standard Deviation
ARA Core	13.13	6.14
NCREIF ODCE	13.23	5.86
Median	13.12	5.99

Return	Standard Deviation
11.00	4.92
11.01	4.73
11.23	4.92
	11.00 11.01

	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ARA Core	1.23	99.30	96.65	-0.23	-0.06	1.50	1.01	0.72
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	1.54	1.00	0.74

Historical Statistics	s - 5 Years							
	Tracking Error	Up Market Capture	Down Market Capture	Alpha	Information Ratio	Sharpe Ratio	Beta	Downside Risk
ARA Core	0.99	99.95	96.65	-0.11	0.00	1.45	1.01	0.55
NCREIF ODCE	0.00	100.00	100.00	0.00	N/A	1.48	1.00	0.57



Total Fund Compliance	YES	NO	
The total plan gross return equaled or exceeded the total plan benchmark over the trailing three year period.	Х		
The total plan gross return equaled or exceeded the total plan benchmark over the trailing five year period.	Х		
The total plan gross return ranked within the top 40th percentile of its peer group over the trailing three year period.	Х		
The total plan gross return ranked within the top 40th percentile of its peer group over the trailing five year period.	х		
The total plan gross return equaled or exceeded the actuarial earnings assumption over the trailing three year period.		Х	
The total plan gross return equaled or exceeded the actuarial earnings assumption over the trailing five year period.	х		
Equity Compliance	YES	NO	
The total equity returns meet or exceed the benchmark over the trailing three year period.	Х		
The total equity returns meet or exceed the benchmark over the trailing five year period.	Х		
The total equity returns ranked within the top 40th percentile of its peer group over the trailing three year period.		Χ	
The total equity returns ranked within the top 40th percentile of its peer group over the trailing five year period.		Χ	
The total equity allocation was less than 70% of the total plan assets at market.	Х		
The total foreign equity was less than 25% of the total plan assets at market.	Х		
Fixed Income Compliance	YES	NO	
The total domestic fixed income returns meet or exceed the benchmark over the trailing three year period.	Х		
The total domestic fixed income returns meet or exceed the benchmark over the trailing five year period.	Х		
The total domestic fixed income returns ranked within the top 40th percentile of its peer group over the trailing three year period.	Х		
The total domestic fixed income returns ranked within the top 40th percentile of its peer group over the trailing five year period.	х		
The average weight of the fixed income portfolio was "AA" or better.	Х		

lanager Compliance		Highland - Equity			Highland - Fixed			Pimco Global			ARA Core Realty		
		NO	N/A	YES	NO	N/A	YES	NO	N/A	YES	NO	N/A	
Manager outperformed the index over the trailing three and five year periods.	х			х					Χ		Х		
Manager ranked within the top 40th percentile over trailing three and five year periods.		Х		х					Χ		Х		
Less than four consecutive quarters of under performance relative to the benchmark.	х			х			х			Х			
Three and five year down-market capture ratio less than the index.		Х		х					Χ			Χ	
										Ameri	ican Str	ategic	
										YES	NO	N/A	
Manager outperformed the index over the trailing three and five year periods.												Х	
Manager ranked within the top 40th percentile over trailing three and five year periods.												Х	
Less than four consecutive quarters of under performance relative to the benchmark.												Х	
Three and five year down-market capture ratio less than the index.												Y	
											_ (

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Total Fund	0.51	64,687,220	330,681	
Highland Capital	0.40	50,530,354	202,121	0.40 % of Assets
American Core Realty	1.10	9,936,162	109,298	1.10 % of Assets
Pimco Global Bond Opp	0.55	3,502,103	19,262	0.55 % of Assets
Mutual Fund Cash		1	-	





Parentheses contain percentile rankings.
Calculation based on <Periodicity> periodicity.



Total Fund Policy		
Allocation Mandate	Weight (%)	
Dec-1975		
S&P 500 Index	50.00	
ICE BofAML Govt/ Corp Master	50.00	
Oct-2004		
S&P 500 Index	50.00	
ICE BofAML US Domestic Master	40.00	
MSCI EAFE Index	10.00	
Jan-2014		
Russell 3000 Index	45.00	
MSCI AC World ex USA	15.00	
Blmbg. U.S. Aggregate Index	25.00	
FTSE World Government Bond Index	5.00	
NCREIF Fund Index-Open End Diversified Core (EW)	10.00	

Total Equity Policy	Mainht (0/)
Allocation Mandate	Weight (%)
Jan-1998	
S&P 500 Index	100.00
Oct-2004	
S&P 500 Index	85.00
MSCI EAFE Index	15.00
Jan-2014	
Russell 3000 Index	75.00
MSCI AC World ex USA	25.00

Total Fixed Income Policy				
Allocation Mandate	Weight (%)			
Jan-1998				
ICE BofAML Govt/ Corp Master	100.00			
Oct-2004				
ICE BofAML US Domestic Master	100.00			
Jan-2014				
Blmbg. U.S. Aggregate Index	100.00			



Α	١cti	ive	Re	ŧι	ırn

- 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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