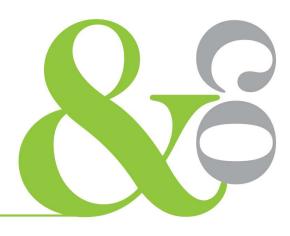
Investment Performance Review Period Ending March 31, 2022

# Palm Beach Gardens Police Pension Plan



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1st Quarter 2022 Market Environment



#### The Economy

- The global economy faced headwinds as Russia invaded Ukraine in February. Despite their small percentage of the global GDP, both Russia and Ukraine play significant roles in the global economy. Russia provides most of Europe's energy supplies and combined, both countries account for a large percentage of food supplies.
- Prior to the crisis in Ukraine, the global and US economies were already expected to grow at a slower rate in the 1st quarter. For the 4th quarter 2021, the US GDP grew at an annual rate of 6.9%. Estimates for the 1st quarter 2022 vary significantly, ranging between 0.5% and 2.0%.
- The US labor market remained a source of strength during the 1st quarter with the unemployment rate falling to 3.6% in March. The pace of job growth accelerated during the quarter with a three-month average of roughly +562,000. Importantly, the number of workers re-entering the workforce increased during the quarter with strong wage growth as the likely catalyst.
- The US Federal Reserve Bank (the Fed) began the process of normalizing interest rates by raising the Fed Funds rate by 0.25%. Additionally, the Fed signaled it was ready to begin the process of shrinking its balance sheet by not reinvesting up to \$95 billion of maturing bonds into new securities each month. This process is referred to as "quantitative tightening" and is meant to drain liquidity from the economy with the goal of slowing inflation.

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

- US equities declined during the 1st quarter as concerns regarding the conflict in Ukraine and the potential for a slowing global economy acted as headwinds. Large cap value was the best performing domestic segment of the equity market relative to other US market capitalizations and styles during the period while small cap growth performed the worst.
- International stocks also struggled during the 1st quarter. The primary driver of performance was the conflict in Ukraine which significantly affected western Europe and emerging markets. Another contributor to poor performance was the continued strength of the US dollar, which rose against both the Euro and Yen developed market currencies and most emerging market currencies during the period. Finally, China was negatively impacted by a rise in Covid-19 infections which resulted in new restrictions in Shanghai.

#### **Fixed Income**

- Continued concerns about rising inflation, combined with the Fed beginning to raise interest rates acted as headwinds for fixed income performance during the quarter. US interest rates moved significantly higher during the quarter with the US 10-Year Treasury bond rising 83 basis points to close at 2.34%.
- Performance across most bond market sectors was negative during the quarter, with US high yield corporate bonds and US Treasury Inflation-Protected Securities (TIPS) down the least.
- The combination of higher coupons and a shorter maturity profile relative to high quality government bonds was the primary driver of the relative outperformance of high yield bonds during the period.
- TIPS continued their strong relative performance against all other bond market sectors during the quarter. Investors' expectations of higher future US inflation remained strong as inflation remained well above the Fed's stated 2% long-term target average.

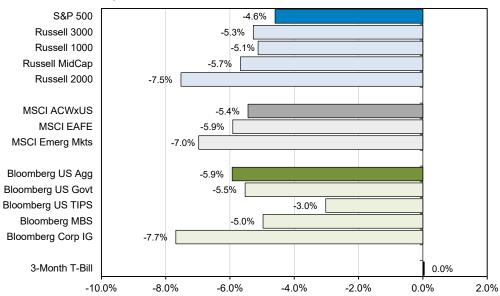
#### **Market Themes**

- The tone of global central bank monetary policy shifted during the quarter as the Fed and the Bank of England both raised interest rates during the period. Additionally, the European Central Bank announced it would begin tightening monetary policy by slowing its bond purchases.
- The crisis in Ukraine will likely be a drag on global economic growth for the foreseeable future. Restrictions on Russian energy exports, especially to western Europe, will likely result in a material slowdown of those economies as a result of higher prices.
- US equity markets experienced their first down quarter since the onset of the pandemic in the 1st quarter of 2020. Growth-oriented stocks underperformed value stocks as investors' concerns about future economic growth increased. Historically, value stocks have outperformed growth stocks during economic slowdowns marked by recession.
- Interest rates rose across the Treasury yield curve during the quarter in anticipation of the Fed raising interest rates. As a result of their maturity profile, longer-dated bonds significantly underperformed shorter-dated bonds despite yields rising only modestly in comparison. Lower quality corporate bonds outperformed given their higher coupons and shorter maturity profiles despite concerns about widening credit spreads as economic conditions deteriorate.

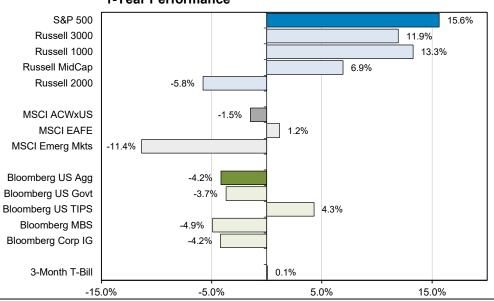


- Broad US equity markets experienced weak, negative returns during the 1st quarter of 2022. A variety of factors contributed to performance including elevated inflation, rising interest rate expectations, geopolitical events in Ukraine, and concerns related to slower economic growth. For the period, the S&P 500 large cap benchmark returned -4.6%, compared to -5.7% for mid-cap and -7.5% for small cap indices.
- Developed markets international equities also suffered negative results for the 1st quarter. Europe was negatively impacted by the crisis in Ukraine, rising energy costs, and continued rising inflation. Emerging markets were also negatively impacted by Russia's invasion of Ukraine. Emerging markets were also impacted by the rise of Covid-19 cases in China and resulting restrictions. During the period, the MSCI EAFE Index returned -5.9% while the MSCI Emerging Markets Index declined by -7.0%
- For the quarter, performance of the bond market was broadly negative due to increasing inflation and expectations that global central banks would begin the process of raising interest rates. The Bloomberg (BB) US Aggregate Index returned -5.9%, for the period while Investment Grade Corporate bonds posted a return of -7.7%. The best performing sector on a relative basis was US TIPS which declined by -3.0%.
- Despite the recent poor performance, developed equity markets posted strong returns over the trailing 1-year period. The primary drivers of return during the period were economic growth and an accommodative monetary policy support from global central banks. The S&P 500 large cap stock index led equity market performance for the year with a return of 15.6%. The outlier was the Russell 2000 small cap index which declined by -5.8% for the year.
- Over the trailing 1-year period performance across international markets diverged with the developed market MSCI EAFE Index returning 1.2% while the MSCI Emerging Markets Index fell by -11.4%. While economic growth improved throughout the year, emerging markets were negatively impacted by geopolitical events related to Russia, Ukraine, and China.
- Bond market returns disappointed over the trailing 1-year period due to rising inflation and the expectation of multiple interest rates increases. TIPS were the lone bright spot in the bond market with the TIPS Index returning 4.3% for the year.

#### **Quarter Performance**



#### 1-Year Performance



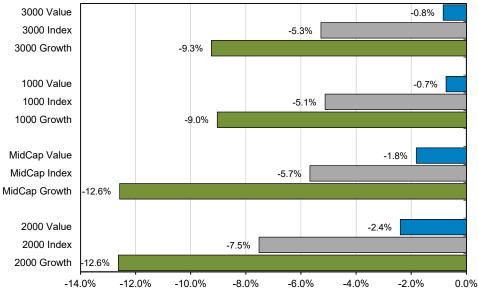
Source: Investment Metrics



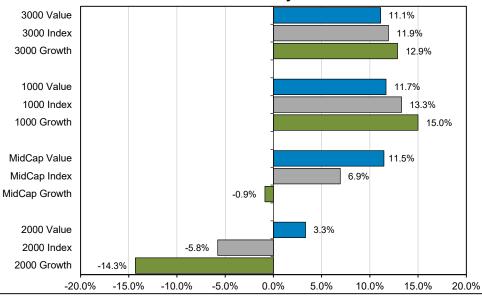
- Momentum shifted during the 1st quarter as each broad US equity benchmark posted negative results across both the style and market capitalization spectrums. Large cap stocks continued their leadership, followed by mid and small cap issues. The Russell 1000 Index declined by -5.1% for the quarter while the Russell Mid Cap Index and the Russell 2000 Index fell by -5.7% and -7.5%, respectively.
- Performance across styles and market capitalizations was disparate during the quarter. Large, Mid, Small cap value stocks all sizably outpaced their growth counterparts. For the period, the Russell 1000 Value Index was the best relative performing style index, posting a return of -0.7%. Mid cap and small cap growth stocks were the laggards during the period with both the Mid Cap Growth Index and Russell 2000 Growth Index returning a weak -12.6%.

- Performance across most market capitalizations and styles was positive over the trailing 1-year period. Much like the 1st quarter, large cap stocks outperformed mid and small cap stocks for the year. The Russell 1000 Index return of 13.3% for the year, significantly outperformed both its mid and small cap growth index counterparts. The outlier during the period was the Russell 2000 Index which returned -5.8%.
- While the dispersion across large cap styles was relatively narrow for the year, there was wide performance dispersion across mid and small style-based indexes. Within mid and small cap benchmark results, value dominated growth by double digits. The Russell Mid Cap Value Index returned 11.5% while the Russell 2000 Value Index returned 3.3% for the period. In comparison, the Russell Mid Cap Growth Index returned -0.9%, while the Russell 2000 Growth Index declined by -14.3%.

## **Quarter Performance - Russell Style Series**



#### 1-Year Performance - Russell Style Series

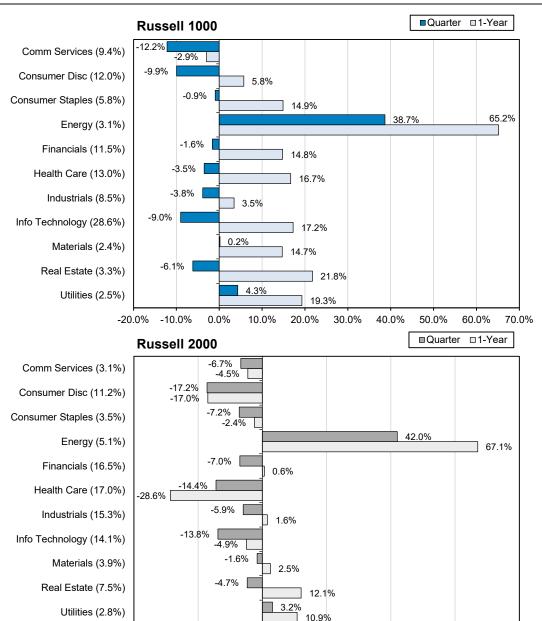


Source: Investment Metrics



- Economic sector performance was negative across eight of the eleven large cap economic sectors for the 1st quarter. However, the three positive sectors represent less than 10% of the index. Four additional sectors outpaced the return of the broad index on a relative basis during the period.
- Energy (38.7%), utilities (4.3%), and materials (0.2%) were the best performing sectors for the quarter. Energy continued its relative outperformance during the quarter as the price of oil remained elevated. Economically sensitive sectors such as communication services (-12.2%), consumer discretionary (-9.9%), and information technology (-9.0%) significantly underperformed the broader index for the quarter.
- For the full year, eight sectors exceeded the return of the broad large cap benchmark: energy (65.2%), real estate (21.8%), utilities (19.3%), information technology (17.2%), health care (16.7%), consumer staples (14.9%), financials (14.8%), and materials (14.7%). The weakest economic sector performance in the Russell 1000 for the year was communication services, which was the lone sector to deliver negative returns (-2.9%).

- Small cap sector performance was also mixed with two economic sectors posting positive performance and an additional five outpacing the return of the broader Russell 2000 Index (-7.5%) on a relative basis. Energy (42.0%) was the best performing sector for the period. Utilities (3.2%) was the only other sector posting a positive return for the quarter.
- For the trailing 1-year period, nine of the eleven sectors outpaced the broad benchmark's return. Not surprisingly, sector performance was led by energy (67.1%), real estate (12.1%), utilities (10.9%), materials (2.5%), industrials (1.6%), and financials (0.6%). Consumer staples (-2.4%), communication services (-4.5%), and information technology (-4.9%) outpaced the core benchmark on a relative basis but were negative in absolute terms. The weakest sector over the full year was health care which fell -28.6%.



-40.0%

-20.0%

0.0%

20.0%

40.0%

60.0%



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.



80.0%

	Top 10 W	eighted Stoc	ks	
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	6.38%	-1.5%	43.8%	Information Technology
Microsoft Corp	5.50%	-8.1%	31.8%	Information Technology
Amazon.com Inc	3.35%	-2.2%	5.4%	Consumer Discretionary
Tesla Inc	2.12%	2.0%	61.3%	Consumer Discretionary
Alphabet Inc Class A	1.98%	-4.0%	34.9%	Communication Services
Alphabet Inc Class C	1.83%	-3.5%	35.0%	Communication Services
NVIDIA Corp	1.54%	-7.2%	104.6%	Information Technology
Berkshire Hathaway Inc Class B	1.53%	18.0%	38.1%	Financials
Meta Platforms Inc Class A	1.21%	-33.9%	-24.5%	Communication Services
UnitedHealth Group Inc	1.13%	1.9%	38.9%	Health Care

	Top 10 W	eighted Stoc	ks	
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Ovintiv Inc	0.52%	61.4%	130.9%	Energy
AMC Entertainment Hldgs Inc Class A	0.47%	-9.4%	141.3%	Communication Services
Avis Budget Group Inc	0.40%	27.0%	263.0%	Industrials
BJ's Wholesale Club Holdings Inc	0.34%	1.0%	50.7%	Consumer Staples
Chesapeake Energy Corp Ord Shrs	0.33%	37.6%	108.8%	Energy
Tenet Healthcare Corp	0.33%	5.2%	65.3%	Health Care
Tetra Tech Inc	0.33%	-2.7%	22.2%	Industrials
Antero Resources Corp	0.32%	74.5%	199.3%	Energy
Lattice Semiconductor Corp	0.30%	-20.9%	35.4%	Information Technology
EastGroup Properties Inc	0.30%	-10.3%	44.8%	Real Estate

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Occidental Petroleum Corp	0.11%	96.2%	113.9%	Energy
New Fortress Energy Inc Class A	0.00%	77.1%	-6.0%	Energy
The Mosaic Co	0.06%	69.6%	112.2%	Materials
Halliburton Co	0.08%	66.2%	78.2%	Energy
United States Steel Corp	0.02%	58.9%	44.9%	Materials
EQT Corp	0.02%	58.6%	86.2%	Energy
APA Corp	0.04%	54.3%	133.0%	Energy
Marathon Oil Corp	0.05%	53.4%	138.6%	Energy
Baker Hughes Co Class A	0.06%	52.4%	73.5%	Energy
Alcoa Corp	0.04%	51.3%	178.0%	Materials

Тор	10 Performir	ng Stocks (b	y Quarter)	
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
NexTier Oilfield Solutions Inc	0.06%	160.3%	148.4%	Energy
Peabody Energy Corp	0.08%	143.6%	701.6%	Energy
RPC Inc	0.03%	135.0%	97.6%	Energy
SOC Telemed Inc Ord Shrs - Class A	0.01%	133.6%	-52.5%	Health Care
Kosmos Energy Ltd	0.12%	107.8%	134.2%	Energy
Tidewater Inc	0.03%	103.0%	73.5%	Energy
Team Inc	0.00%	102.8%	-80.8%	Industrials
Golar LNG Ltd	0.09%	100.0%	142.2%	Energy
US Silica Holdings Inc	0.05%	98.5%	51.8%	Energy
Intrepid Potash Inc	0.03%	92.2%	152.3%	Materials

Bottom 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Vroom Inc Ordinary Shares	0.00%	-75.3%	-93.2%	Consumer Discretionary	
GoHealth Inc Ordinary Shares - Class A	0.00%	-68.9%	-89.9%	Financials	
TuSimple Hldgs Inc Ord Shrs - Class A	0.00%	-66.0%	N/A	Industrials	
Fluence Energy Inc	0.00%	-63.1%	N/A	Industrials	
Nektar Therapeutics	0.00%	-60.1%	-73.1%	Health Care	
Skillz Inc Ordinary Shares - Class A	0.00%	-59.7%	-84.2%	Communication Services	
Natera Inc	0.01%	-56.4%	-59.9%	Health Care	
EPAM Systems Inc	0.04%	-55.6%	-25.2%	Information Technology	
Trex Co Inc	0.02%	-51.6%	-28.6%	Industrials	
Rivian Automotive Inc Class A	0.02%	-51.5%	N/A	Consumer Discretionary	

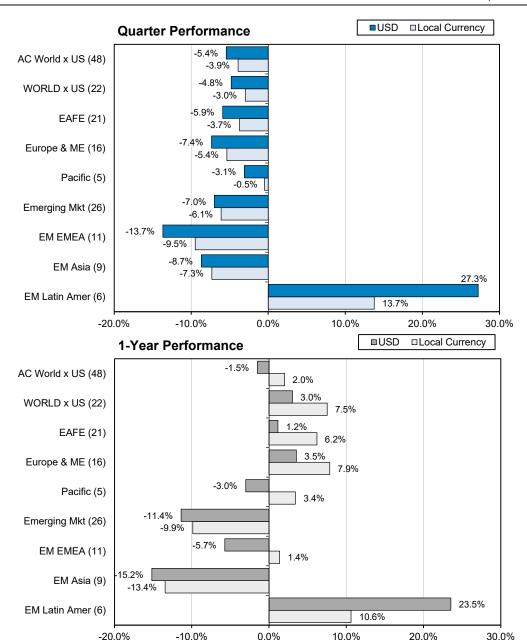
Bottom 10 Performing Stocks (by Quarter)					
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector	
Kodiak Sciences Inc	0.01%	-90.9%	-93.2%	Health Care	
Aligos Therapeutics Inc Ord Shares	0.00%	-81.9%	-90.5%	Health Care	
MEI Pharma Inc	0.00%	-77.4%	-82.4%	Health Care	
Applied Therapeutics Inc	0.00%	-76.4%	-88.7%	Health Care	
Annexon Inc Ordinary Shares	0.00%	-76.2%	-90.2%	Health Care	
BioAtla Inc Ordinary Shares	0.00%	-74.5%	-90.2%	Health Care	
Accelerate Diagnostics Inc	0.00%	-72.4%	-82.7%	Health Care	
Laird Superfood Inc Ordinary Shares	0.00%	-72.3%	-90.4%	Consumer Staples	
Society Pass Inc	0.00%	-71.5%	N/A	Communication Services	
89bio Inc Ordinary Shares	0.00%	-71.2%	-84.1%	Health Care	

Source: Morningstar Direct



• Most developed market international equity indexes tracked in the chart posted negative returns in both US dollar (USD) and local currency (LC) terms for the 1st quarter. The outlier during the period was the Latin America region. This strong performance was led by Brazil which benefited from rising commodity prices. The developed market MSCI EAFE Index returned -5.9% in USD and -3.7% in LC terms for the period, while the MSCI Emerging Markets Index declined by -7.0% in USD and -6.1% in LC terms.

The trailing 1-year results for international developed markets were broadly positive across most regions and currencies. The MSCI EAFE Index returned 1.2% in USD for the year and 6.2% in LC terms. In contrast, returns across emerging markets were broadly lower with the exception being Latin America. While the MSCI Emerging Markets Index declined by -11.4% in USD and -9.9% in LC terms, the Latin America regional index's return was a solid 23.5% in USD and 10.6% in LC term. In contrast, performance in the Asia regional benchmarks detracted from emerging market index performance with the EM Asia Index returning -15.2% in USD and -13.4% in LC term, largely due to concerns related to slowing growth in China and the recent rise in infections related to the pandemic.



Source: MSCI Global Index Monitor (Returns are Net)



MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.9%	-1.7%	-10.8%
Consumer Discretionary	11.5%	-13.6%	-9.6%
Consumer Staples	10.2%	-7.7%	1.7%
Energy	4.1%	17.0%	30.0%
Financials	17.7%	-1.1%	5.1%
Health Care	13.1%	-3.7%	8.9%
Industrials	15.4%	-10.7%	-3.8%
Information Technology	8.6%	-16.1%	-1.0%
Materials	8.2%	3.3%	8.4%
Real Estate	2.9%	-2.7%	-1.2%
Utilities	3.4%	-4.1%	-1.7%
Total	100.0%	-5.9%	1.2%

MSCI – ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	6.2%	-6.1%	-16.6%
Consumer Discretionary	11.1%	-14.3%	-21.2%
Consumer Staples	8.4%	-7.2%	0.2%
Energy	5.4%	6.9%	22.9%
Financials	20.6%	1.6%	9.1%
Health Care	9.4%	-5.1%	2.3%
Industrials	12.2%	-8.6%	-1.9%
Information Technology	12.2%	-15.1%	-5.4%
Materials	8.9%	5.2%	9.5%
Real Estate	2.5%	-2.8%	-8.1%
Utilities	3.2%	-2.4%	2.0%
Total	100.0%	-5.4%	-1.5%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	10.1%	-11.3%	-23.6%
Consumer Discretionary	12.3%	-16.4%	-38.8%
Consumer Staples	5.8%	-7.9%	-9.9%
Energy	4.8%	-20.7%	-6.7%
Financials	22.1%	5.7%	10.7%
Health Care	3.9%	-14.0%	-27.8%
Industrials	5.4%	-2.7%	2.7%
Information Technology	21.6%	-11.2%	-6.8%
Materials	9.4%	3.2%	3.4%
Real Estate	2.1%	-1.8%	-27.6%
Utilities	2.6%	-0.2%	10.2%
Total	100.0%	-7.0%	-11.4%

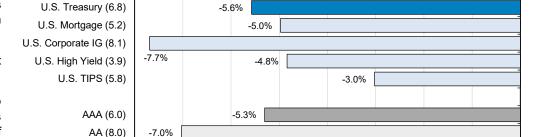
	MSCI-EAFE	MSCI-ACWIxUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	22.3%	14.1%	-6.6%	-6.5%
United Kingdom	15.3%	9.6%	1.8%	13.6%
France	11.4%	7.2%	-8.7%	4.5%
Switzerland	10.4%	6.6%	-6.4%	13.9%
Germany	8.2%	5.2%	-12.9%	-12.0%
Australia	8.2%	5.1%	7.3%	13.5%
Netherlands	4.4%	2.8%	-17.4%	-5.2%
Sweden	3.6%	2.2%	-15.5%	-7.4%
Hong Kong	2.9%	1.8%	-1.8%	-12.0%
Denmark	2.7%	1.7%	-6.4%	14.9%
Italy	2.4%	1.5%	-10.1%	-2.7%
Spain	2.3%	1.5%	-4.1%	-3.7%
Singapore	1.5%	0.9%	-1.7%	-4.6%
Finland	1.0%	0.6%	-11.9%	-2.6%
Belgium	0.9%	0.6%	-4.9%	-0.3%
Norway	0.8%	0.5%	10.2%	21.1%
Israel	0.7%	0.5%	-6.9%	7.6%
reland	0.6%	0.4%	-20.1%	-17.7%
Portugal	0.2%	0.1%	2.3%	7.1%
Austria	0.2%	0.1%	-20.0%	3.6%
New Zealand	0.2%	0.1%	-8.7%	-15.2%
Total EAFE Countries	100.0%	63.1%	-5.9%	1.2%
Canada		8.3%	4.6%	20.2%
Total Developed Countries		71.4%	-4.8%	3.0%
China		8.6%	-14.2%	-32.5%
Taiwan		4.6%	-6.6%	6.3%
India		3.7%	-1.9%	17.9%
Korea		3.6%	-9.6%	-18.5%
Brazil		1.7%	35.9%	24.7%
Saudi Arabia		1.2%	17.3%	38.7%
South Africa		1.2%	20.3%	11.1%
Mexico		0.7%	8.6%	27.7%
Thailand		0.5%	4.2%	-1.6%
Indonesia		0.5%	9.6%	21.0%
Malaysia		0.4%	2.0%	1.5%
United Arab Emirates		0.4%	21.2%	58.1%
Qatar		0.3%	19.5%	34.4%
Kuwait		0.2%	19.4%	45.7%
Philippines		0.2%	2.2%	9.9%
Poland		0.2%	-9.8%	5.8%
Chile		0.2%	29.5%	-8.3%
Peru		0.1%	34.9%	20.9%
		0.1%	12.9%	1.6%
Turkey		0.1%		
Colombia			33.8%	39.3%
Greece		0.1%	1.1%	7.6%
Hungary		0.1%	-19.4%	-10.0%
Czech Republic		0.0%	3.1%	51.5%
Egypt		0.0%	-23.4%	-14.3%
Total Emerging Countries		28.6%	-7.0%	-11.4%
Total ACWIxUS Countries		100.0%	-5.4%	-1.5%

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

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



- Fixed income market results were broadly negative during the 1st quarter. Investors' concerns about rising inflation, combined with expectations of higher US interest rates, detracted from performance. US Treasury yields were higher across the maturity curve but remained below their long-term averages.
- The return for the BB US Aggregate Bond Index, the bellwether investment grade benchmark, was down -5.9% for the period.
- Performance across the investment grade index's segments was also negative during the period with the US Corporate Investment Grade bonds returning -7.7% and the US Mortgage index component posting a return of -5.0%.
- US TIPS posted the guarter's strongest relative bond performance with a return of -3.0%. High yield bonds outperformed their investment grade counterparts, but still declined by -4.8%.
- Outside of domestic markets, the BB Global Aggregate ex US Index posted a return of -6.1% for the guarter. Like international stocks, global bond index performance was negatively impacted by the strengthening USD, which acted as a drag on domestic index returns.
- Over the trailing 1-year period, domestic investment grade benchmark performance was negative, led lower by mortgage-backed bonds (-4.9%) and investment grade corporate bonds (-4.2%). The only sector of the market that generated positive performance for the year was US TIPS (4.3%). The bellwether Bloomberg US Aggregate Bond Index (-4.2%) declined for the year.
- Lower quality high yield corporate bonds outperformed their investment grade counterparts on a relative basis with the Bloomberg US High Yield Index returning -0.7% for the period.
- Performance for non-US bonds was broadly negative for the year with the developed market Bloomberg Global Aggregate ex US Index falling by -7.9%. The combination of rising interest rates overseas, a longer maturity profile, and USD strength hindered index performance for the year.



#### Aggregate (6.6) -5.9% Intermediate Agg (4.5) -4.7% Global Agg x US (7.9) -6.1% Multiverse (7.1) -6.1% -8.0% -7.0% -6.0% -5.0% -4.0% -3.0% -2.0% -1.0% 0.0%

#### 1-Year Performance

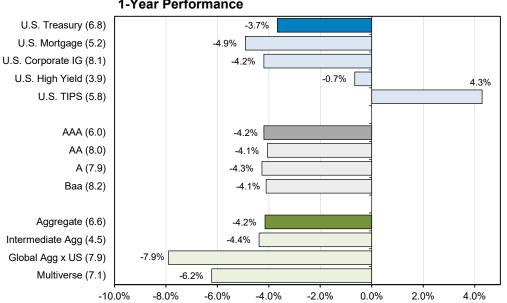
A (7.9)

Baa (8.2)

7.3%

-7.9%

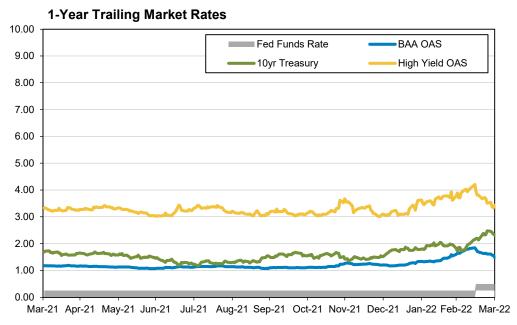
**Quarter Performance** 

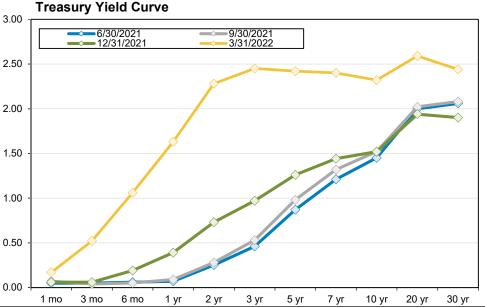


Source: Bloomberg



- The gray band across the graph illustrates the range of the current Fed Funds Rate. In the 1st quarter this year, the Fed raised its target rate range from 0.25% to 0.50%. During its recent March meeting, the Federal Open Market Committee (FOMC) stated it intends to begin removing liquidity from the market by also allowing bonds held on its balance sheet to mature without reinvesting those proceeds. Importantly, the FOMC also stated that it will react to data and could potentially raise rates at a faster pace if inflation does not subside.
- 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 2.47% during the latter part of March 2022, interest rates traded lower for the remainder of the guarter. The yield on the US 10-year Treasury was 2.34% on March 31st.
- 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 slightly from 1.18% to 1.49%. High Yield OAS was largely unchanged during the year as spreads rose from 3.33% to 3.43%. High Yield spreads briefly exceeded 4.00% following the onset of the crisis in Ukraine, but quickly retreated.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. Short-term rates rose dramatically during the 1st quarter of 2022 in anticipation that the FOMC would begin raising rates to combat rising inflation. Longer-term rates were modestly higher, albeit less dramatically than either short- or intermediate-term interest rates. While not shown in the chart, 10-Year rates briefly traded below the 2-year rates. Historically, a persistent inversion of these two key rates has been an indication of a future recession withing 6- to 24-months. As of the end of the quarter, the spread between 2-Year and 10-Year rates was positive. However, 10-Year rates were trading lower than the intermediate 3- and 5-year rates.









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Total Fund Compliance:	Yes	No
The total plan return equaled or exceeded the total plan benchmark over the trailing three year period.		•
The total plan return equaled or exceeded the total plan benchmark over the trailing five year period.		•
The total plan return of the fund over the trailing three year period equaled or exceeded 6.15% (actuarial assumption rate of return).	•	
The three year total plan return ranks in the top 40% of its peer group.	•	
The five year total plan return ranks in the top 40% of its peer group.	•	
Total Equity Compliance:	Yes	No
The equity return equaled or exceeded the benchmark over the trailing three year period.		•
The equity return equaled or exceeded the benchmark over the trailing five year period.		•
Rhumbline S&P 500	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period.		•
The three year return ranks in the top 40% of its peer group.	•	
The five year return ranks in the top 40% of its peer group.		•
Rhumbline S&P 400	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period.		•
The three year return ranks in the top 40% of its peer group.		•
The five year return ranks in the top 40% of its peer group.		•



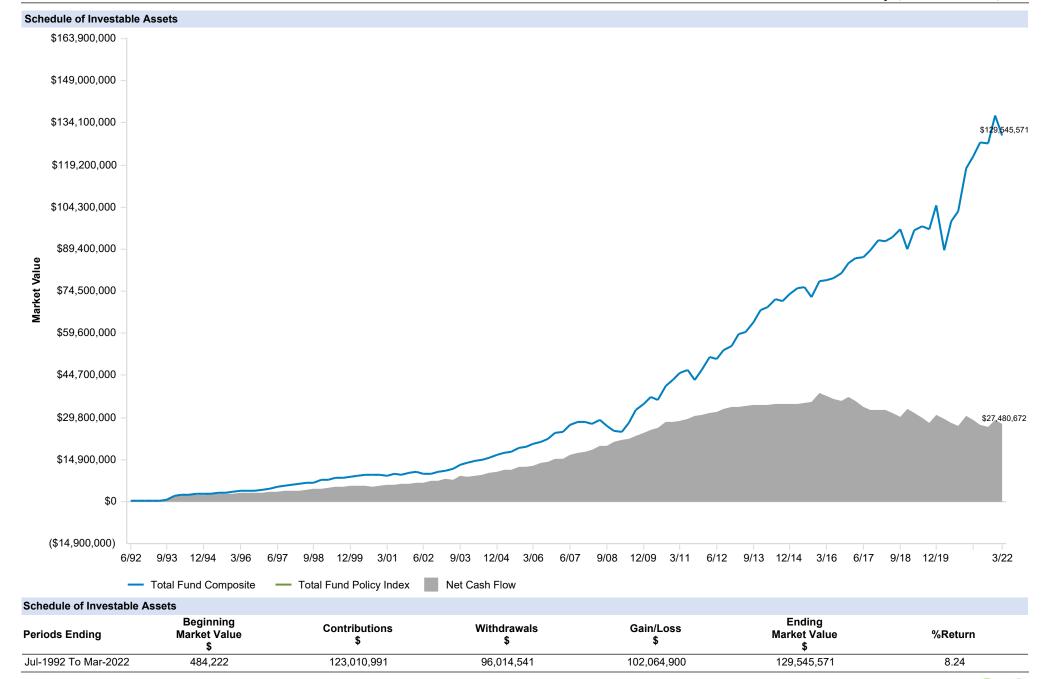
Rhumbline S&P 600	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period.		•
The three year return ranks in the top 40% of its peer group.		•
The five year return ranks in the top 40% of its peer group.		•

Highland LCG	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period.		•
The three year return ranks in the top 40% of its peer group.	•	
The five year return ranks in the top 40% of its peer group.		•

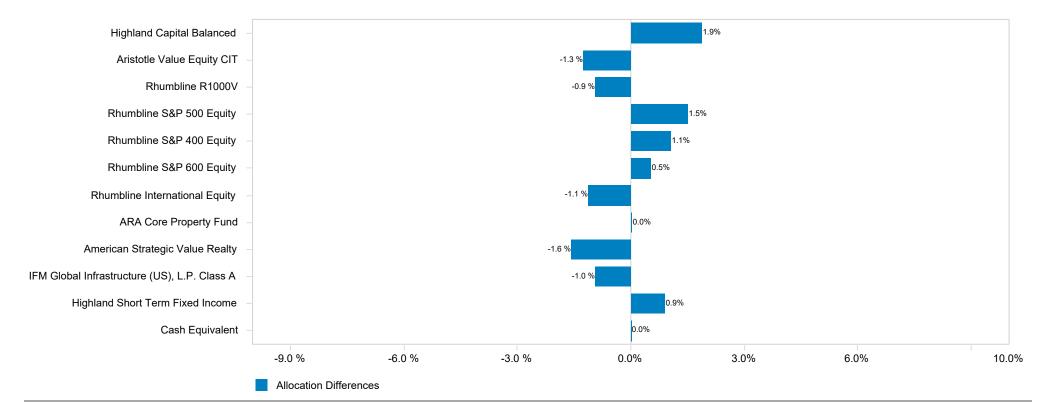
Rhumbline International Equity	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.		•
The return equaled or exceeded the benchmark over the trailing five year period. (Inception)		•
The three year return ranks in the top 40% of its peer group.		•
The five year return ranks in the top 40% of its peer group. (Inception)		•

Highland Fixed Income	Yes	No
The return equaled or exceeded the benchmark over the trailing three year period.	•	
The return equaled or exceeded the benchmark over the trailing five year period.	•	
The three year return ranks in the top 40% of its peer group.		•
The five year return ranks in the top 40% of its peer group.		•



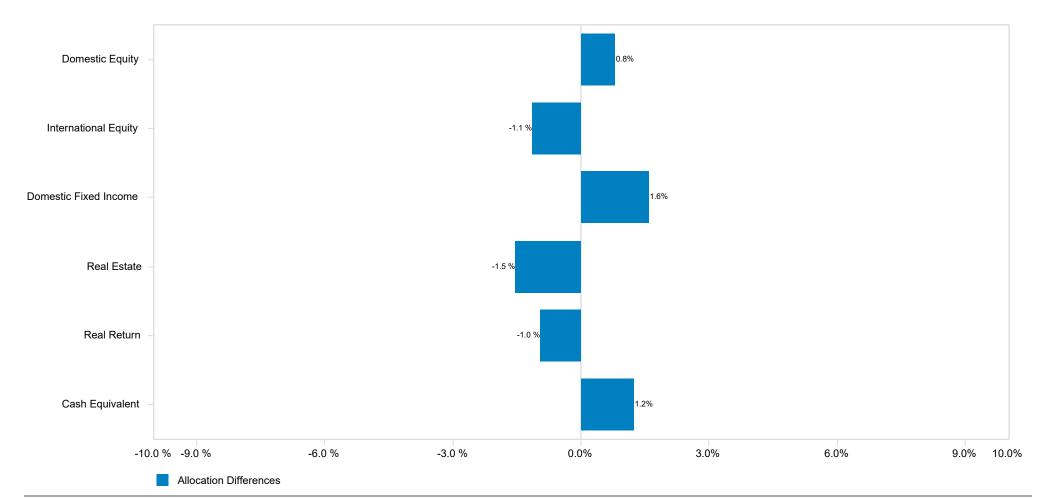


	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal (\$000)
otal Fund Composite	129,545,571	100.0	100.0	0.0	-
lighland Capital Balanced	38,046,415	29.4	27.5	1.9	-2,421,383
ristotle Value Equity CIT	4,844,692	3.7	5.0	-1.3	1,632,587
Rhumbline R1000V	5,261,990	4.1	5.0	-0.9	1,215,288
Rhumbline S&P 500 Equity	14,901,487	11.5	10.0	1.5	-1,946,930
Rhumbline S&P 400 Equity	14,316,100	11.1	10.0	1.1	-1,361,543
Rhumbline S&P 600 Equity	13,638,346	10.5	10.0	0.5	-683,789
Rhumbline International Equity	11,480,545	8.9	10.0	-1.1	1,474,012
RA Core Property Fund	12,997,000	10.0	10.0	0.0	-42,443
merican Strategic Value Realty	1,197,556	0.9	2.5	-1.6	2,041,083
FM Global Infrastructure (US), L.P. Class A	5,232,832	4.0	5.0	-1.0	1,244,447
lighland Short Term Fixed Income	7,626,378	5.9	5.0	0.9	-1,149,100
Cash Equivalent	2,231	0.0	0.0	0.0	-2,231





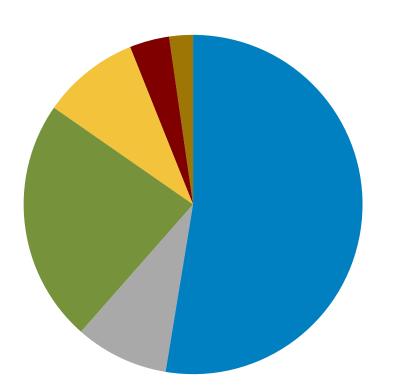
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal (\$000)
Domestic Equity	65,813,734	50.8	50.0	0.8	-1,040,948
International Equity	11,480,545	8.9	10.0	-1.1	1,474,012
Domestic Fixed Income	31,209,439	24.1	22.5	1.6	-2,061,685
Real Estate	14,194,556	11.0	12.5	-1.5	1,998,641
Real Return	5,232,832	4.0	5.0	-1.0	1,244,447
Cash Equivalent	1,614,466	1.2	0.0	1.2	-1,614,466
Total Fund	129,545,571	100.0	100.0	0.0	_

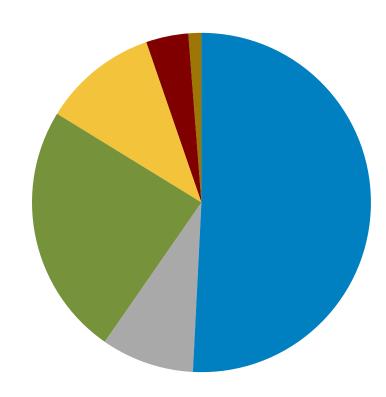




Asset Allocation By Segment as of December 31, 2021 : \$136,719,208

Asset Allocation By Segment as of March 31, 2022 : \$129,545,571



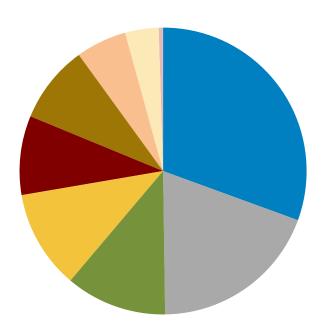


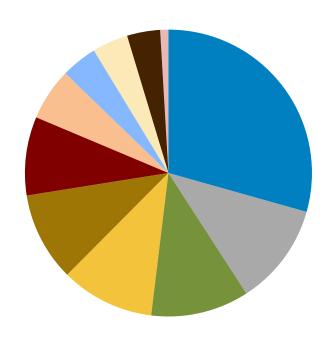
ocation					
Segments	Market Value	Allocation	Segments	Market Value	Allocation
■ Domestic Equity	71,907,508	52.6	■ Domestic Equity	65,813,734	50.8
■ International Equity	12,186,162	8.9	International Equity	11,480,545	8.9
■ Domestic Fixed Income	31,652,238	23.2	Domestic Fixed Income	31,209,439	24.1
Real Estate	12,691,008	9.3	Real Estate	14,194,556	11.0
■ Real Return	5,169,931	3.8	■ Real Return	5,232,832	4.0
■ Cash Equivalent	3,112,362	2.3	Cash Equivalent	1,614,466	1.2



Asset Allocation By Manager as of December 31, 2021 : \$136,719,208

Asset Allocation By Manager as of March 31, 2022 : \$129,545,571





ocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Highland Capital Balanced	41,790,564	30.6	■ Highland Capital Balanced	38,046,415	29.4
■ Rhumbline S&P 500 Equity	26,261,582	19.2	■ Rhumbline S&P 500 Equity	14,901,487	11.5
■ Rhumbline S&P 400 Equity	15,577,334	11.4	■ Rhumbline S&P 400 Equity	14,316,100	11.1
Rhumbline S&P 600 Equity	15,235,675	11.1	Rhumbline S&P 600 Equity	13,638,346	10.5
■ Rhumbline International Equity	12,186,162	8.9	ARA Core Property Fund	12,997,000	10.0
■ ARA Core Property Fund	12,015,895	8.8	■ Rhumbline International Equity	11,480,545	8.9
Highland Short Term Fixed Income	7,804,722	5.7	Highland Short Term Fixed Income	7,626,378	5.9
■ IFM Global Infrastructure (US), L.P. Class A	5,169,931	3.8	Rhumbline R1000V	5,261,990	4.1
American Strategic Value Realty	675,113	0.5	IFM Global Infrastructure (US), L.P. Class A	5,232,832	4.0
Cash Equivalent	2,231	0.0	■ Aristotle Value Equity CIT	4,844,692	3.7
■ Aristotle Value Equity CIT	-	0.0	American Strategic Value Realty	1,197,556	0.9
Rhumbline R1000V	-	0.0	Cash Equivalent	2,231	0.0



	Allocatio	n					Perfor	mance(%)				
	Market											
	Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	7 YR	10 YR	15 YR	Inception	Inception Date
Total Fund Composite	129,545,571	100.0	-4.06 (42)	1.48 (21)	7.09 (28)	11.92 (19)	10.31 (16)	9.04 (12)	9.81 (7)	8.04 (3)	8.29 (45)	11/01/1994
Total Fund Policy Index			-3.26 (21)	2.84 (8)	8.68 (15)	12.44 (11)	10.67 (10)	9.36 (6)	9.86 (7)	7.96 (4)	8.94 (13)	
Difference			-0.80	-1.36	-1.59	-0.52	-0.36	-0.32	-0.05	0.08	-0.65	
All Public Plans-Total Fund Median			-4.28	-0.14	5.28	10.63	9.26	7.95	8.57	6.82	8.18	
Total Equity Composite	77,294,279	59.7	-6.15	1.33	7.76	16.00	13.37	11.67	13.00	9.47	7.22	07/01/2000
Total Equity Policy Index	,,		-5.64	2.42	9.44	16.58	13.96	12.22	13.21	9.48	7.20	
Difference			-0.51	-1.09	-1.68	-0.58	-0.59	-0.55	-0.21	-0.01	0.02	
Total Domestic Equity												
Rhumbline R1000V	5,261,990	4.1	N/A	2.82 (27)	03/01/2022							
Russell 1000 Value Index			-0.74 (57)	6.98 (59)	11.67 (72)	13.02 (82)	10.29 (85)	9.73 (79)	11.70 (77)	7.36 (89)	2.82 (27)	
Difference			N/A	0.00								
IM U.S. Large Cap Value Equity (SA+CF) Median			-0.37	8.21	13.47	15.26	12.18	10.83	12.60	8.85	2.07	
Rhumbline S&P 500 Equity	14,901,487	11.5	-4.59 (48)	5.93 (42)	15.53 (26)	18.89 (39)	15.96 (42)	13.97 (38)	14.60 (41)	10.31 (50)	7.50 (79)	07/01/2000
S&P 500 Index			-4.60 (50)	5.92 (43)	15.65 (23)	18.92 (37)	15.99 (40)	14.01 (36)	14.64 (38)	10.26 (55)	7.41 (87)	
Difference			0.01	0.01	-0.12	-0.03	-0.03	-0.04	-0.04	0.05	0.09	
IM U.S. Large Cap Equity (SA+CF) Median			-4.60	4.97	13.28	18.08	15.40	13.29	14.31	10.31	8.48	
Rhumbline S&P 400 Equity	14,316,100	11.1	-4.87 (40)	2.71 (43)	4.56 (63)	14.11 (73)	11.08 (75)	10.17 (71)	12.17 (80)	9.72 (71)	10.48 (79)	01/01/2004
S&P MidCap 400 Index			-4.88 (42)	2.73 (42)	4.59 (62)	14.14 (72)	11.10 (75)	10.20 (69)	12.20 (79)	9.67 (78)	10.43 (84)	
Difference			0.01	-0.02	-0.03	-0.03	-0.02	-0.03	-0.03	0.05	0.05	
IM U.S. Mid Cap Equity (SA+CF) Median			-6.39	1.60	6.51	15.83	13.18	11.29	13.21	10.31	11.21	
Rhumbline S&P 600 Equity	13,638,346	10.5	-5.61 (42)	-0.30 (47)	1.20 (53)	13.56 (64)	10.87 (60)	10.57 (49)	12.54 (53)	9.50 (56)	10.48 (57)	01/01/2004
S&P SmallCap 600 Index			-5.62 (42)	-0.30 (47)	1.23 (52)	13.58 (63)	10.89 (59)	10.58 (49)	12.56 (52)	9.50 (56)	10.43 (59)	
Difference			0.01	0.00	-0.03	-0.02	-0.02	-0.01	-0.02	0.00	0.05	
IM U.S. Small Cap Equity (SA+CF) Median			-6.60	-0.78	1.52	14.41	11.56	10.50	12.60	9.75	10.72	
Aristotle Value Equity CIT	4,844,692	3.7	N/A	-2.47 (93)	02/01/2022							
Russell 1000 Value Index			-0.74 (57)	6.98 (59)	11.67 (72)	13.02 (82)	10.29 (85)	9.73 (79)	11.70 (77)	7.36 (89)	1.63 (35)	
Difference			N/A	-4.10								
IM U.S. Large Cap Value Equity (SA+CF) Median			-0.37	8.21	13.47	15.26	12.18	10.83	12.60	8.85	1.11	



	Allocation						Perforn	nance(%)				
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	7 YR	10 YR	15 YR	Inception	Inception Date
Highland Capital LCG	12,851,119	9.9	-9.23 (43)	-0.41 (43)	12.43 (39)	22.48 (24)	19.35 (48)	15.23 (58)	16.15 (45)	N/A	11.60 (61)	10/01/2007
Russell 1000 Growth Index			-9.04 (42)	1.54 (34)	14.98 (20)	23.60 (15)	20.88 (22)	17.34 (17)	17.04 (19)	12.92 (32)	12.55 (25)	
Difference			-0.19	-1.95	-2.55	-1.12	-1.53	-2.11	-0.89	N/A	-0.95	
IM U.S. Large Cap Growth Equity (SA+CF) Median			-9.86	-1.43	10.61	20.16	18.87	15.57	15.92	12.37	11.85	
International Equity												
Rhumbline International Equity	11,480,545	8.9	-5.79 (40)	-3.19 (31)	1.48 (28)	8.00 (54)	6.92 (60)	N/A	N/A	N/A	7.25 (68)	08/01/2016
MSCI EAFE Index			-5.79 (40)	-3.21 (31)	1.65 (27)	8.29 (50)	7.23 (54)	5.62 (65)	6.77 (56)	3.40 (86)	7.82 (59)	
Difference			0.00	0.02	-0.17	-0.29	-0.31	N/A	N/A	N/A	-0.57	
IM International Equity (SA+CF) Median			-7.20	-5.88	-2.12	8.27	7.56	6.32	7.11	4.80	8.28	
Total Fixed Income (Not Including Highland Cash)	31,209,439	24.1	-4.56	-4.73	-2.62	1.33	2.08	2.01	2.17	3.47	4.80	04/01/1994
Total Fixed Inc Policy Index			-6.07	-6.26	-4.85	1.37	2.00	1.78	1.96	3.41	4.83	
Difference			1.51	1.53	2.23	-0.04	0.08	0.23	0.21	0.06	-0.03	
Domestic Fixed Income												
Highland Capital Fixed Income (Including Cash)	24,062,834	18.6	-5.13 (13)	-5.29 (13)	-3.09 (10)	2.22 (52)	2.57 (59)	2.43 (46)	2.50 (74)	3.70 (82)	4.92 (95)	04/01/1994
Blmbg. U.S. Aggregate Index			-5.93 (69)	-5.92 (62)	-4.15 (80)	1.69 (91)	2.14 (94)	1.87 (94)	2.24 (96)	3.56 (92)	4.94 (94)	
Difference			0.80	0.63	1.06	0.53	0.43	0.56	0.26	0.14	-0.02	
IM U.S. Broad Market Core FI (SA+CF)			-5.81	-5.87	-3.88	2.24	2.66	2.37	2.75	4.06	5.30	
Highland Short Term Fixed Income	7,626,378	5.9	-2.28 (38)	-2.43 (18)	-1.72 (20)	N/A	N/A	N/A	N/A	N/A	0.20 (100)	07/01/2019
ICE BofAML 1-3 Year Treasury			-2.34 (43)	-2.87 (55)	-2.85 (79)	0.88 (97)	1.07 (100)	0.93 (99)	0.85 (99)	1.69 (99)	0.44 (99)	
Difference			0.06	0.44	1.13	N/A	N/A	N/A	N/A	N/A	-0.24	
IM U.S. Short Duration FI (SA+CF)			-2.44	-2.85	-2.47	1.40	1.66	1.56	1.53	2.37	0.97	



	Allocation						Perfori	mance(%)				
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	7 YR	10 YR	15 YR	Inception	Inception Date
Real Estate												
ARA Core Property Fund  NCREIF Fund ODCE (EW)  Difference  IM U.S. Private Real Estate (SA+CF) Median	12,997,000	10.0	8.46 (9) 7.97 (15) 0.49 6.75	18.02 (17) 16.28 (29) 1.74 14.86	29.68 (34) 29.84 (32) -0.16 27.92	11.92 (50) 12.05 (49) -0.13 11.92	10.39 (55) 10.39 (54) 0.00 10.65	10.28 (57) 10.66 (51) -0.38 10.74	N/A 11.18 (52) N/A 11.38	N/A 7.03 (57) N/A 7.28	10.86 (65) 11.19 (52) -0.33 11.39	07/01/2012
American Strategic Value Realty NCREIF Fund ODCE (EW) Difference IM U.S. Private Real Estate (SA+CF) Median	1,197,556	0.9	7.60 (24) 7.97 (15) -0.37 6.75	14.17 (55) 16.28 (29) -2.11 14.86	N/A 29.84 (32) N/A 27.92	N/A 12.05 (49) N/A 11.92	N/A 10.39 (54) N/A 10.65	N/A 10.66 (51) N/A 10.74	N/A 11.18 (52) N/A 11.38	N/A 7.03 (57) N/A 7.28	22.16 (60) 24.38 (33) -2.22 22.43	07/01/2021
Real Return												
IFM Global Infrastructure (US), L.P. Class A	5,232,832	4.0	1.22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12/01/2021
S&P Global Infrastructure			7.47	12.39	16.73	8.05	7.70	6.65	7.80	5.09	14.59	
Difference			-6.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Highland Capital Balanced Cash	1,132,462	0.9	0.01	0.01	0.03	0.60	0.98	N/A	N/A	N/A	0.80	01/01/2016
Cash Equivalent	2,231	0.0										



	Allocatio	n					Perfor	mance(%)				
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	7 YR	10 YR	15 YR	Inception	Inception Date
Total Fund Composite	129,545,571	100.0	-4.13	1.34	6.82	11.63	10.07	8.81	9.59	7.79	8.02	11/01/1994
Total Fund Policy Index			-3.26	2.84	8.68	12.44	10.67	9.36	9.86	7.96	8.94	
Difference			-0.87	-1.50	-1.86	-0.81	-0.60	-0.55	-0.27	-0.17	-0.92	
Total Equity Composite	77,294,279	59.7	-6.15	1.33	7.76	16.00	13.37	11.67	13.00	9.47	7.22	07/01/2000
Total Equity Policy Index	, ,		-5.64	2.42	9.44	16.58	13.96	12.22	13.21	9.48	7.20	
Difference			-0.51	-1.09	-1.68	-0.58	-0.59	-0.55	-0.21	-0.01	0.02	
Total Domestic Equity												
Rhumbline R1000V	5,261,990	4.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.82	03/01/2022
Russell 1000 Value Index			-0.74	6.98	11.67	13.02	10.29	9.73	11.70	7.36	2.82	
Difference			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00	
Rhumbline S&P 500 Equity	14,901,487	11.5	-4.61	5.90	15.47	18.83	15.90	13.91	14.53	10.21	7.39	07/01/2000
S&P 500 Index			-4.60	5.92	15.65	18.92	15.99	14.01	14.64	10.26	7.41	
Difference			-0.01	-0.02	-0.18	-0.09	-0.09	-0.10	-0.11	-0.05	-0.02	
Rhumbline S&P 400 Equity	14,316,100	11.1	-4.89	2.68	4.51	14.05	11.02	10.12	12.12	9.69	10.46	01/01/2004
S&P MidCap 400 Index			-4.88	2.73	4.59	14.14	11.10	10.20	12.20	9.67	10.43	
Difference			-0.01	-0.05	-0.08	-0.09	-0.08	-0.08	-0.08	0.02	0.03	
Rhumbline S&P 600 Equity	13,638,346	10.5	-5.62	-0.32	1.15	13.51	10.82	10.51	12.49	9.47	10.45	01/01/2004
S&P SmallCap 600 Index			-5.62	-0.30	1.23	13.58	10.89	10.58	12.56	9.50	10.43	
Difference			0.00	-0.02	-0.08	-0.07	-0.07	-0.07	-0.07	-0.03	0.02	
Aristotle Value Equity CIT	4,844,692	3.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-2.47	02/01/2022
Russell 1000 Value Index	, ,		-0.74	6.98	11.67	13.02	10.29	9.73	11.70	7.36	1.63	
Difference			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-4.10	
Highland Capital LCG Equity	12,851,119	9.9	-9.23	-0.41	12.43	22.48	19.35	15.23	16.15	N/A	11.60	10/01/2007
Russell 1000 Growth Index			-9.04	1.54	14.98	23.60	20.88	17.34	17.04	12.92	12.55	
Difference			-0.19	-1.95	-2.55	-1.12	-1.53	-2.11	-0.89	N/A	-0.95	



	Allocatio	n					Perfor	mance(%)				
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	7 YR	10 YR	15 YR	Inception	Inceptior Date
International Equity												
Rhumbline International Equity	11,480,545	8.9	-5.80	-3.22	1.43	7.95	6.87	N/A	N/A	N/A	7.19	08/01/201
MSCI EAFE Index	,,-		<b>-</b> 5.79	-3.21	1.65	8.29	7.23	5.62	6.77	3.40	7.82	
Difference			-0.01	-0.01	-0.22	-0.34	-0.36	N/A	N/A	N/A	-0.63	
Total Fixed Income (Not Including Highalnd Cash)	31,209,439	24.1	-4.56	-4.73	-2.62	1.33	2.08	2.01	2.17	3.47	4.80	04/01/199
Total Fixed Inc Policy Index	- <b>,,</b>		-6.07	-6.26	-4.85	1.37	2.00	1.78	1.96	3.41	4.83	
Difference			1.51	1.53	2.23	-0.04	0.08	0.23	0.21	0.06	-0.03	
Domestic Fixed Income												
Highland Capital Fixed Income (Including Cash)	24,062,834	18.6	-5.13	-5.29	-3.09	2.22	2.57	2.43	2.50	3.70	4.92	04/01/1994
Blmbg. U.S. Aggregate Index			-5.93	-5.92	-4.15	1.69	2.14	1.87	2.24	3.56	4.94	
Difference			0.80	0.63	1.06	0.53	0.43	0.56	0.26	0.14	-0.02	
Highland Short Term Fixed Income	7,626,378	5.9	-2.34	-2.55	-1.98	N/A	N/A	N/A	N/A	N/A	-0.08	07/01/201
ICE BofAML 1-3 Year Treasury			-2.34	-2.87	-2.85	0.88	1.07	0.93	0.85	1.69	0.44	
Difference			0.00	0.32	0.87	N/A	N/A	N/A	N/A	N/A	-0.52	
Real Estate												
ARA Core Property Fund	12,997,000	10.0	8.17	17.38	28.26	10.70	9.18	9.07	N/A	N/A	9.67	07/01/201
NCREIF Fund ODCE (EW) (Net)			7.77	15.72	28.69	11.11	9.46	9.73	10.24	6.11	10.25	
Difference			0.40	1.66	-0.43	-0.41	-0.28	-0.66	N/A	N/A	-0.58	
American Strategic Value Realty	1,197,556	0.9	6.16	11.45	N/A	N/A	N/A	N/A	N/A	N/A	18.03	07/01/202
NCREIF Fund ODCE (EW) (Net)			7.77	15.72	28.69	11.11	9.46	9.73	10.24	6.11	23.53	
Difference			-1.61	-4.27	N/A	N/A	N/A	N/A	N/A	N/A	-5.50	
Real Return												
IFM Global Infrastructure (US), L.P. Class A	5,232,832	4.0	1.22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12/01/202
S&P Global Infrastructure			7.47	12.39	16.73	8.05	7.70	6.65	7.80	5.09	14.59	
Difference			-6.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	



	Allocatio	n					Perform	nance(%)				
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Total Fund Composite	129,545,571	100.0	23.01 (24)	7.73 (47)	2.38 (90)	11.27 (3)	13.60 (18)	10.94 (15)	1.46 (8)	10.95 (27)	14.75 (14)	18.89 (23)
Total Fund Policy Index			22.00 (33)	8.15 (38)	3.81 (64)	10.59 (5)	12.80 (34)	11.83 (4)	0.81 (14)	10.35 (40)	14.21 (20)	19.60 (15)
Difference			1.01	-0.42	-1.43	0.68	0.80	-0.89	0.65	0.60	0.54	-0.71
All Public Plans-Total Fund Median			20.72	7.55	4.27	7.40	11.99	9.75	-0.90	9.86	12.37	17.36
Total Equity Composite	77,294,279	59.7	34.48	9.64	-0.28	16.01	19.67	13.36	0.44	14.07	24.58	28.78
Total Equity Policy Index	•		35.26	9.47	0.24	16.49	19.69	14.30	-0.18	13.86	23.27	27.80
Difference			-0.78	0.17	-0.52	-0.48	-0.02	-0.94	0.62	0.21	1.31	0.98
Total Domestic Equity												
Rhumbline R1000V	5,261,990	4.1	N/A									
Russell 1000 Value Index			35.01 (60)	-5.03 (66)	4.00 (39)	9.45 (78)	15.12 (76)	16.19 (26)	-4.42 (65)	18.89 (42)	22.30 (59)	30.92 (25)
Difference			N/A									
IM U.S. Large Cap Value Equity (SA+CF) Median			37.17	-3.08	2.36	11.83	17.89	13.56	-3.29	18.38	23.65	28.06
Rhumbline S&P 500 Equity	14,901,487	11.5	29.86 (59)	15.22 (41)	4.21 (40)	17.87 (42)	18.56 (57)	15.38 (26)	-0.63 (58)	19.64 (39)	19.30 (71)	30.16 (39)
S&P 500 Index			30.00 (56)	15.15 (42)	4.25 (38)	17.91 (40)	18.61 (55)	15.43 (25)	-0.61 (57)	19.73 (37)	19.34 (69)	30.20 (38)
Difference			-0.14	0.07	-0.04	-0.04	-0.05	-0.05	-0.02	-0.09	-0.04	-0.04
IM U.S. Large Cap Equity (SA+CF) Median			30.81	13.17	3.41	17.19	18.82	13.37	-0.36	18.79	21.02	29.14
Rhumbline S&P 400 Equity	14,316,100	11.1	43.59 (33)	-2.13 (62)	-2.49 (78)	14.16 (60)	17.49 (53)	15.21 (31)	1.45 (52)	11.81 (68)	27.55 (58)	28.90 (36)
S&P MidCap 400 Index			43.68 (32)	-2.16 (64)	-2.49 (79)	14.21 (57)	17.52 (52)	15.33 (29)	1.40 (54)	11.82 (68)	27.68 (57)	28.54 (41)
Difference			-0.09	0.03	0.00	-0.05	-0.03	-0.12	0.05	-0.01	-0.13	0.36
IM U.S. Mid Cap Equity (SA+CF) Median			38.23	4.10	1.92	15.17	17.57	12.10	1.52	13.68	28.22	27.30
Rhumbline S&P 600 Equity	13,638,346	10.5	57.41 (33)	-8.22 (67)	-9.35 (71)	19.04 (35)	21.08 (48)	18.00 (26)	3.90 (36)	5.79 (55)	31.40 (57)	33.27 (36)
S&P SmallCap 600 Index			57.64 (31)	-8.29 (68)	-9.34 (71)	19.08 (34)	21.05 (48)	18.12 (24)	3.81 (37)	5.74 (56)	31.51 (55)	33.35 (35)
Difference			-0.23	0.07	-0.01	-0.04	0.03	-0.12	0.09	0.05	-0.11	-0.08
IM U.S. Small Cap Equity (SA+CF) Median			50.28	-1.79	-6.90	15.22	20.91	14.75	2.39	6.23	32.15	31.62
Aristotle Value Equity CIT	4,844,692	3.7	N/A									
Russell 1000 Value Index			35.01 (60)	-5.03 (66)	4.00 (39)	9.45 (78)	15.12 (76)	16.19 (26)	-4.42 (65)	18.89 (42)	22.30 (59)	30.92 (25)
Difference			N/A									
IM U.S. Large Cap Value Equity (SA+CF) Median			37.17	-3.08	2.36	11.83	17.89	13.56	-3.29	18.38	23.65	28.06



	Allocation				Performance(%)							
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Highland Capital LCG	12,851,119	0.0	26.76 (57)	37.83 (28)	1.61.(69)	23.71 (57)	02 44 (04)	6.68 (94)	4.64 (34)	16.29 (70)	28.73 (8)	27.51 (53)
Russell 1000 Growth Index	12,031,119	9.9	27.32 (52)	37.53 (20)	3.71 (52)	, ,	21.94 (39)	13.76 (23)	3.17 (55)	19.15 (40)	19.27 (64)	29.19 (39)
Difference			-0.56	0.30	-2.10	-2.59	1.17	-7.08	1.47	-2.86	9.46	-1.68
IM U.S. Large Cap Growth Equity (SA+CF) Median			27.47	33.32	3.80	24.48	20.87	11.81	3.61	18.18	20.29	27.82
International Equity												
Rhumbline International Equity	11,480,545	8.9	25.92 (51)	0.63 (72)	-1.08 (48)	2.74 (38)	19.24 (65)	N/A	N/A	N/A	N/A	N/A
MSCI EAFE Index			26.29 (50)	0.93 (71)	-0.82 (44)	3.25 (33)	19.65 (62)	7.06 (77)	-8.27 (49)	4.70 (63)	24.29 (33)	14.33 (72)
Difference			-0.37	-0.30	-0.26	-0.51	-0.41	N/A	N/A	N/A	N/A	N/A
IM International Equity (SA+CF) Median			26.01	7.45	-1.56	1.42	21.10	11.66	-8.56	5.80	20.10	17.32
Total Fixed Income (Not Including Highland Cash)	31,209,439	24.1	-1.01	5.53	9.37	-1.34	1.26	6.60	1.40	3.45	-2.57	6.28
Total Fixed Inc Policy Index			-1.17	6.85	9.91	-1.24	-0.27	6.01	1.82	3.41	-2.11	4.98
Difference			0.16	-1.32	-0.54	-0.10	1.53	0.59	-0.42	0.04	-0.46	1.30
Domestic Fixed Income												
Highland Capital Fixed Income (Including Cash)	24,062,834	18.6	1.00 (23)	6.34 (89)	9.86 (86)	-1.08 (74)	0.85 (40)	6.51 (18)	2.22 (88)	3.51 (95)	-2.54 (98)	6.07 (71)
Blmbg. U.S. Aggregate Index			-0.90 (84)	6.98 (77)	10.30 (69)	-1.22 (88)	0.07 (84)	5.19 (80)	2.94 (62)	3.96 (81)	-1.68 (78)	5.16 (89)
Difference			1.90	-0.64	-0.44	0.14	0.78	1.32	-0.72	-0.45	-0.86	0.91
IM U.S. Broad Market Core Fixed Income (SA+CF) Median			-0.02	7.52	10.42	-0.75	0.63	5.66	3.02	4.47	-1.24	6.62
Highland Short Term Fixed Income	7,626,378	5.9	0.61 (54)	1.90 (97)	N/A							
ICE BofAML 1-3 Year Treasury			0.03 (94)	3.58 (74)	4.36 (82)	0.03 (91)	0.24 (98)	0.88 (98)	1.16 (73)	0.50 (99)	0.36 (73)	0.56 (100
Difference			0.58	-1.68	N/A							
IM U.S. Short Duration Fixed Income (SA+CF) Median			0.67	4.07	4.83	0.67	1.07	1.91	1.39	1.35	0.57	2.64
International Fixed Income												
Oppenheimer Dreyfus (OIBAX) (DIBAX)	-	0.0	N/A	N/A	N/A	N/A	3.10 (83)	9.59 (82)	-4.81 (28)	2.98 (56)	-2.82 (36)	7.90 (77)
FTSE Non-U.S. World Government Bond			-3.41 (98)	5.60 (8)	6.78 (70)	-1.57 (14)	-3.14 (100)	12.61 (59)	-7.01 (41)	-0.99 (78)	-5.63 (77)	3.45 (95)
Difference			N/A	N/A	N/A	N/A	6.24	-3.02	2.20	3.97	2.81	4.45
IM International Fixed Income All (MF) Median			4.57	1.46	9.08	-3.90	6.27	13.82	-8.41	4.09	-4.01	13.45



	Allocatio	Allocation			Performance(%)							
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Real Estate												
ARA Core Property Fund	12,997,000	10.0	13.51 (76)	1.62 (58)	6.81 (49)	8.50 (64)	7.53 (59)	9.03 (90)	14.05 (68)	12.45 (69)	12.30 (71)	N/A
NCREIF Fund ODCE (EW)	,,		15.75 (53)	1.74 (51)	6.17 (67)	8.82 (58)	7.81 (54)	10.62 (67)	14.71 (62)	12.39 (70)	` ,	11.77 (64)
Difference			-2.24	-0.12	0.64	-0.32	-0.28	-1.59	-0.66	0.06	-0.17	N/A
IM U.S. Private Real Estate (SA+CF) Median			16.11	1.74	6.80	8.98	7.96	11.44	15.62	12.98	13.56	12.90
American Strategic Value Realty	1,197,556	0.9	N/A									
NCREIF Fund ODCE (EW)			15.75 (53)	1.74 (51)	6.17 (67)	8.82 (58)	7.81 (54)	10.62 (67)	14.71 (62)	12.39 (70)	12.47 (70)	11.77 (64)
Difference			N/A									
IM U.S. Private Real Estate (SA+CF) Median			16.11	1.74	6.80	8.98	7.96	11.44	15.62	12.98	13.56	12.90
Real Return												
IFM Global Infrastructure (US), L.P. Class A	5,232,832	4.0	N/A									
S&P Global Infrastructure			23.04	-13.89	14.63	-2.84	13.15	14.61	-8.37	16.70	12.75	15.39
Difference			N/A									
Highland Capital Balanced Cash	1,132,462	0.9	0.02	0.74	2.35	1.52	0.34	N/A	N/A	N/A	N/A	N/A
Cash Equivalent	2,231	0.0										



Asset Allocation & Performance												
	Allocatio	n					Perform	ance(%)				
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Total Fund Composite	129,545,571	100.0	22.71	7.42	2.21	11.12	13.36	10.72	1.29	10.73	14.53	18.64
Total Fund Policy Index			22.00	8.15	3.81	10.59	12.80	11.83	0.81	10.35	14.21	19.60
Difference			0.71	-0.73	-1.60	0.53	0.56	-1.11	0.48	0.38	0.32	-0.96
Total Equity Composite	77,294,279	59.7	34.48	9.64	-0.28	16.01	19.67	13.36	0.44	14.07	24.58	28.78
Total Equity Policy Index			35.26	9.47	0.24	16.49	19.69	14.30	-0.18	13.86	23.27	27.80
Difference			-0.78	0.17	-0.52	-0.48	-0.02	-0.94	0.62	0.21	1.31	0.98
Total Domestic Equity												
Rhumbline R1000V	5,261,990	4.1	N/A									
Russell 1000 Value Index			35.01	-5.03	4.00	9.45	15.12	16.19	-4.42	18.89	22.30	30.92
Difference			N/A									
Rhumbline S&P 500 Equity	14,901,487	11.5	29.80	15.16	4.16	17.81	18.50	15.31	-0.66	19.55	19.18	29.99
S&P 500 Index			30.00	15.15	4.25	17.91	18.61	15.43	-0.61	19.73	19.34	30.20
Difference			-0.20	0.01	-0.09	-0.10	-0.11	-0.12	-0.05	-0.18	-0.16	-0.21
Rhumbline S&P 400 Equity	14,316,100	11.1	43.52	-2.18	-2.54	14.10	17.43	15.13	1.40	11.78	27.55	28.90
S&P MidCap 400 Index			43.68	-2.16	-2.49	14.21	17.52	15.33	1.40	11.82	27.68	28.54
Difference			-0.16	-0.02	-0.05	-0.11	-0.09	-0.20	0.00	-0.04	-0.13	0.36
Rhumbline S&P 600 Equity	13,638,346	10.5	57.33	-8.27	-9.39	18.98	21.01	17.92	3.85	5.76	31.40	33.27
S&P SmallCap 600 Index			57.64	-8.29	-9.34	19.08	21.05	18.12	3.81	5.74	31.51	33.35
Difference			-0.31	0.02	-0.05	-0.10	-0.04	-0.20	0.04	0.02	-0.11	-0.08
Aristotle Value Equity CIT	4,844,692	3.7	N/A									
Russell 1000 Value Index			35.01	-5.03	4.00	9.45	15.12	16.19	-4.42	18.89	22.30	30.92
Difference			N/A									
Highland Capital LCG	12,851,119	9.9	26.76	37.83	1.61	23.71	23.11	6.68	4.64	16.29	28.73	27.51
Russell 1000 Growth Index			27.32	37.53	3.71	26.30	21.94	13.76	3.17	19.15	19.27	29.19
Difference			-0.56	0.30	-2.10	-2.59	1.17	<b>-</b> 7.08	1.47	<b>-</b> 2.86	9.46	-1.68



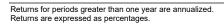
	Allocatio	n					Perform	ance(%)				
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
International Equity												
Rhumbline International Equity	11,480,545	8.9	25.85	0.58	-1.13	2.68	19.17	N/A	N/A	N/A	N/A	N/A
MSCI EAFE Index			26.29	0.93	-0.82	3.25	19.65	7.06	-8.27	4.70	24.29	14.33
Difference			-0.44	-0.35	-0.31	-0.57	-0.48	N/A	N/A	N/A	N/A	N/A
Total Fixed Income (Not Including Highland Cash)	31,209,439	24.1	-1.01	5.53	9.37	-1.34	1.26	6.60	1.40	3.45	-2.57	6.28
Total Fixed Inc Policy Index	, ,		-1.17	6.85	9.91	-1.24	-0.27	6.01	1.82	3.41	-2.11	4.98
Difference			0.16	-1.32	-0.54	-0.10	1.53	0.59	-0.42	0.04	-0.46	1.30
Domestic Fixed Income												
Highland Capital Fixed Income (Including Cash)	24,062,834	18.6	1.00	6.34	9.86	-1.08	0.85	6.51	2.22	3.51	-2.54	6.07
Blmbg. U.S. Aggregate Index			-0.90	6.98	10.30	-1.22	0.07	5.19	2.94	3.96	-1.68	5.16
Difference			1.90	-0.64	-0.44	0.14	0.78	1.32	-0.72	-0.45	-0.86	0.91
Highland Short Term Fixed Income	7,626,378	5.9	0.34	1.53	N/A							
ICE BofAML 1-3 Year Treasury	, ,		0.03	3.58	4.36	0.03	0.24	0.88	1.16	0.50	0.36	0.56
Difference			0.31	-2.05	N/A							
International Fixed Income												
Oppenheimer Dreyfus (OIBAX) (DIBAX)	-	0.0	N/A	N/A	N/A	N/A	3.10	9.59	-4.81	2.98	-2.82	7.90
FTSE Non-U.S. World Government Bond			-3.41	5.60	6.78	-1.57	-3.14	12.61	-7.01	-0.99	-5.63	3.45
Difference			N/A	N/A	N/A	N/A	6.24	-3.02	2.20	3.97	2.81	4.45



	Allocatio	Allocation		Performance(%)								
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Real Estate												
ARA Core Property Fund	12,997,000	10.0	12.27	0.51	5.64	7.31	6.34	7.85	12.82	11.34	11.10	N/A
NCREIF Fund ODCE (EW) (Net)			14.83	0.89	5.26	7.89	6.93	9.69	13.82	11.44	11.46	10.69
Difference			-2.56	-0.38	0.38	-0.58	-0.59	-1.84	-1.00	-0.10	-0.36	N/A
American Strategic Value Realty	1,197,556	0.9	N/A									
NCREIF Fund ODCE (EW) (Net)			14.83	0.89	5.26	7.89	6.93	9.69	13.82	11.44	11.46	10.69
Difference			N/A									
Real Return												
IFM Global Infrastructure (US), L.P. Class A	5,232,832	4.0	N/A									
S&P Global Infrastructure			23.04	-13.89	14.63	-2.84	13.15	14.61	-8.37	16.70	12.75	15.39
Difference			N/A									

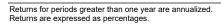


Historical Rolling	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
03/31/2022	-4.06	7.09	11.92	10.31	8.24
12/31/2021	5.77	17.16	16.85	12.11	8.46
09/30/2021	0.18	23.01	10.71	11.39	8.33
06/30/2021	5.35	28.87	12.18	12.03	8.40
03/31/2021	4.96	38.48	11.23	11.34	8.28
12/31/2020	11.05	13.37	9.35	10.68	8.17
09/30/2020	4.95	7.73	7.07	9.12	7.85
06/30/2020	13.20	3.71	6.64	6.93	7.74
03/31/2020	-14.07	-5.48	3.28	4.33	7.33
12/31/2019	5.53	20.13	10.07	8.15	7.99
09/30/2019	1.03	2.38	8.98	7.81	7.85
06/30/2019	3.17	5.62	9.71	7.31	7.89
03/31/2019	9.21	5.12	9.34	7.38	7.84
12/31/2018	-10.06	-4.00	6.84	5.84	7.56
09/30/2018	4.22	11.27	11.93	9.56	8.07
06/30/2018	2.69	10.73	8.48	9.79	7.98
03/31/2018	-0.27	10.86	7.54	9.32	7.95
12/31/2017	4.25	15.62	8.66	10.87	8.04
09/30/2017	3.71	13.60	8.54	10.24	7.94
06/30/2017	2.81	12.92	6.76	10.41	7.87
03/31/2017	4.02	12.16	7.00	9.31	7.83
12/31/2016	2.43	9.87	6.16	10.19	7.74
09/30/2016	3.09	10.94	7.69	11.24	7.72
06/30/2016	2.12	2.09	8.45	8.36	7.67
03/31/2016	1.89	0.03	7.88	8.03	7.65
12/31/2015	3.42	1.00	9.66	8.53	7.65
09/30/2015	-5.13	1.46	8.91	9.06	7.58
06/30/2015	0.06	5.55	12.48	11.97	7.91
03/31/2015	2.88	9.19	11.63	10.75	8.00
12/31/2014	3.89	7.80	13.55	11.04	7.96
09/30/2014	-1.31	10.95	14.82	10.92	7.86
06/30/2014	3.52	18.38	11.51	13.73	8.02
03/31/2014	1.57	14.94	10.45	15.10	7.94
12/31/2013	6.92	21.12	11.41	13.81	7.96
09/30/2013	5.30	14.75	11.08	9.91	7.72
06/30/2013	0.51	13.90	12.11	7.06	7.56
03/31/2013	7.03	10.83	9.90	6.97	7.62
12/31/2012	1.30	12.13	8.93	4.48	7.37
09/30/2012	4.52	18.89	9.66	3.88	7.39
06/30/2012	-2.20	2.85	12.16	3.42	7.25





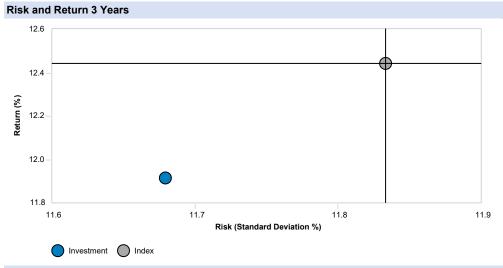
Historical Rolling F	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
03/31/2022	-3.26	8.68	12.44	10.67	N/A
12/31/2021	6.31	16.98	17.20	12.29	N/A
09/30/2021	0.50	22.00	11.06	11.31	N/A
06/30/2021	5.16	27.03	12.28	11.96	N/A
03/31/2021	4.12	38.18	11.32	11.31	N/A
12/31/2020	10.87	13.39	9.74	10.88	N/A
09/30/2020	4.64	8.15	7.48	9.39	N/A
06/30/2020	14.38	4.53	7.13	7.42	N/A
03/31/2020	-14.56	-5.33	3.40	4.48	N/A
12/31/2019	5.75	21.36	10.41	8.34	N/A
09/30/2019	1.14	3.81	9.00	7.86	N/A
06/30/2019	3.59	6.59	9.82	7.33	N/A
03/31/2019	9.53	5.46	9.32	7.34	N/A
12/31/2018	-9.54	-3.95	6.79	5.78	N/A
09/30/2018	3.85	10.59	11.74	9.19	N/A
06/30/2018	2.49	10.34	8.68	9.53	N/A
03/31/2018	-0.24	10.74	7.65	9.12	N/A
12/31/2017	4.15	15.47	8.59	10.57	N/A
09/30/2017	3.62	12.80	8.34	9.90	N/A
06/30/2017	2.87	12.63	6.59	10.11	N/A
03/31/2017	4.01	11.86	6.86	9.06	N/A
12/31/2016	1.75	9.83	6.09	9.93	N/A
09/30/2016	3.45	11.83	7.55	11.19	N/A
06/30/2016	2.17	3.29	8.25	8.19	N/A
03/31/2016	2.12	0.69	7.70	7.96	N/A
12/31/2015	3.61	0.98	9.22	8.41	N/A
09/30/2015	-4.45	0.81	8.31	9.11	N/A
06/30/2015	-0.41	4.09	11.64	12.02	N/A
03/31/2015	2.41	8.34	11.06	10.71	N/A
12/31/2014	3.44	7.66	13.13	11.13	N/A
09/30/2014	-1.34	10.35	14.66	11.19	N/A
06/30/2014	3.65	17.99	11.30	14.11	N/A
03/31/2014	1.78	14.51	10.37	16.04	N/A
12/31/2013	6.02	19.85	11.27	13.96	N/A
09/30/2013	5.49	14.21	11.60	9.38	N/A
06/30/2013	0.60	13.30	12.83	6.70	N/A
03/31/2013	6.52	10.41	10.27	6.48	N/A
12/31/2012	1.03	12.20	9.52	4.03	N/A
09/30/2012	4.65	19.60	10.48	3.62	N/A
06/30/2012	-1.97	3.15	13.12	3.07	N/A

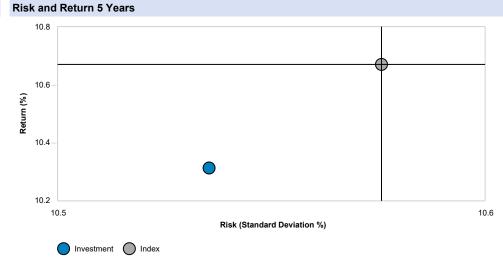


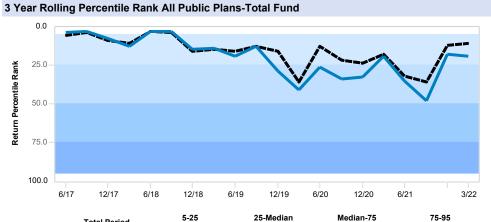


<b>Historical Stati</b>	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.92	11.68	0.95	99.85	10	104.43	2
Index	12.44	11.83	0.98	100.00	10	100.00	2

<b>Historical Stati</b>	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.31	10.54	0.87	100.30	16	104.30	4
Index	10.67	10.58	0.90	100.00	16	100.00	4







Count

7 (35%)

3 (15%)

Count

0 (0%)

0 (0%)

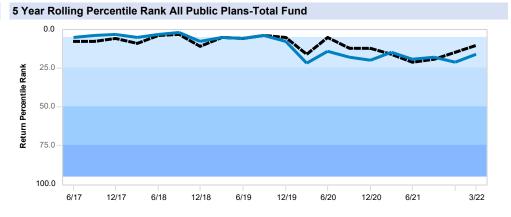
Count 0 (0%)

0 (0%)

Count

13 (65%)

17 (85%)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)
Index	20	20 (100%)	0 (0%)	0 (0%)	0 (0%)



Investment

\_\_ Index

**Total Period** 

20

20



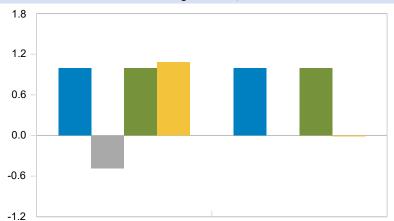


## Risk / Reward Historical Statistics 3 Years Ending March 31, 2022



	<b>Total Fund Composite</b>	<b>Total Fund Policy Index</b>
Alpha	-0.19	0.00
■ Beta	0.97	1.00
Sharpe Ratio	0.84	0.86
Trevnor Ratio	0.12	0.12

## Index Relative Historical Statistics 3 Years Ending March 31, 2022



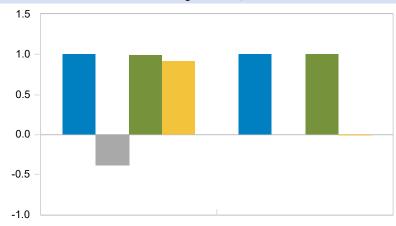
	Total Fund Composite	Total Fund Policy Index
Actual Correlation	1.00	1.00
Information Ratio	-0.49	N/A
R-Squared	0.99	1.00
Tracking Error	1.09	0.00

## Risk / Reward Historical Statistics 5 Years Ending March 31, 2022



	<b>Total Fund Composite</b>	Total Fund Policy Index
Alpha	-0.20	0.00
Beta	0.99	1.00
Sharpe Ratio	0.76	0.78
Treynor Ratio	0.10	0.10

## Index Relative Historical Statistics 5 Years Ending March 31, 2022



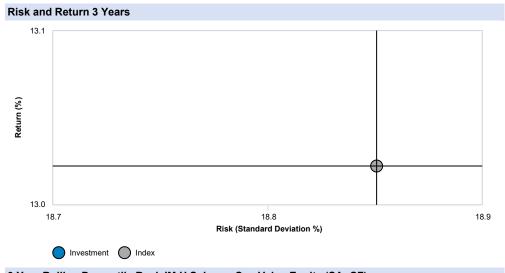
	Total Fund Composite	Total Fund Policy Index
Actual Correlation	1.00	1.00
Information Ratio	-0.38	N/A
R-Squared	0.99	1.00
Tracking Error	0.92	0.00

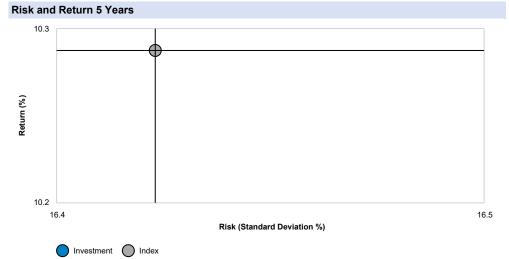
Benchmark: Total Fund Policy Index

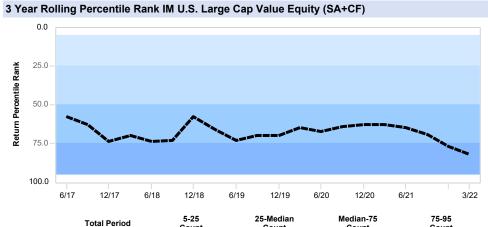


<b>Historical Stati</b>	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	13.02	18.85	0.70	100.00	q	100.00	3

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Index	10.29	16.42	0.61	100.00	15	100.00	5			







Count

0 (0%)

Count

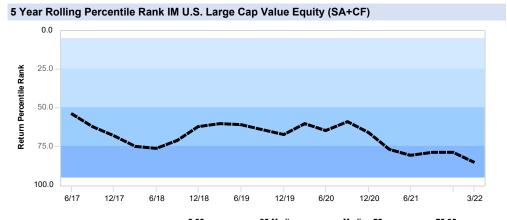
18 (90%)

Count

2 (10%)

Count

0 (0%)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	0 (0%)	14 (70%)	6 (30%)	



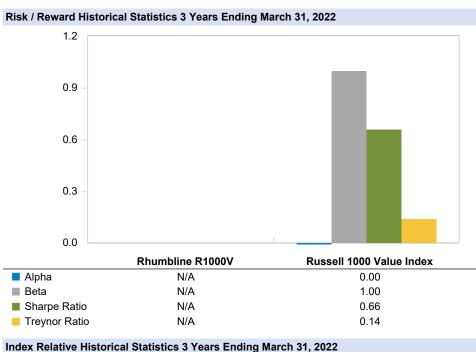
Investment

\_\_ Index





0.57

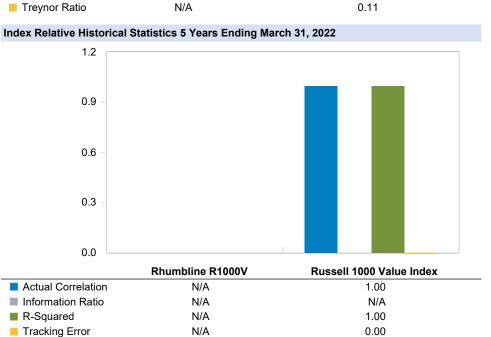


# | Alpha | N/A | 0.00 | N/A | 1.00 | N/A | 1.00 |

N/A

■ Sharpe Ratio

# 1.2 0.9 0.6 0.3 0.0 Rhumbline R1000V Russell 1000 Value Index Actual Correlation N/A 1.00 ■ Information Ratio N/A N/A R-Squared N/A 1.00 Tracking Error N/A 0.00

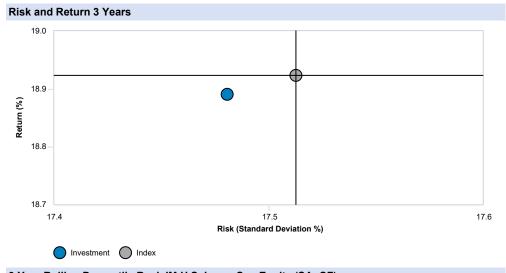


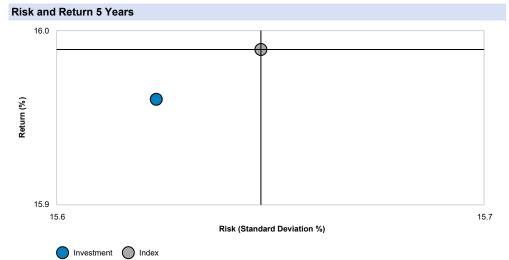
Benchmark: Russell 1000 Value Index

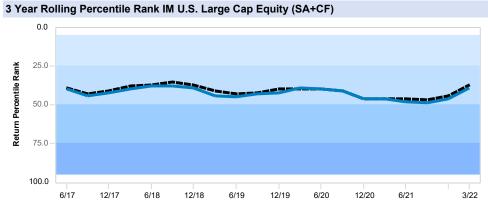


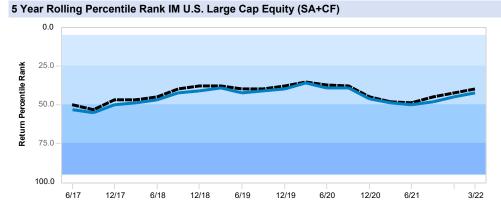
Historical Statistics 3 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	18.89	17.48	1.03	99.79	10	99.75	2			
Index	18.92	17.51	1.03	100.00	10	100.00	2			

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	15.96	15.62	0.96	99.81	16	99.80	4			
Index	15.99	15.65	0.96	100.00	16	100.00	4			









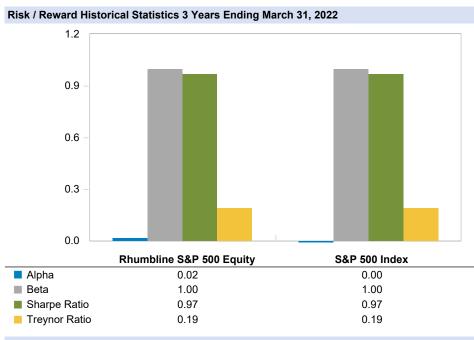
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)	
Index	20	0 (0%)	20 (100%)	0 (0%)	0 (0%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	18 (90%)	2 (10%)	0 (0%)
Index	20	0 (0%)	19 (95%)	1 (5%)	0 (0%)









# Risk / Reward Historical Statistics 5 Years Ending March 31, 2022 1.2 0.9 0.6 0.3 -

	Rhumbline S&P 500 Equity	S&P 500 Index
■ Alpha	0.01	0.00
■ Beta	1.00	1.00
Sharpe Ratio	0.87	0.87
Treynor Ratio	0.16	0.16

# Index Relative Historical Statistics 3 Years Ending March 31, 2022

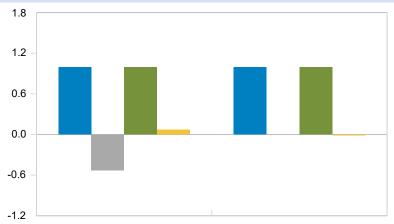
Rhumbline S&P 500 Equity

1.00

-0.53

1.00

80.0



S&P 500 Index

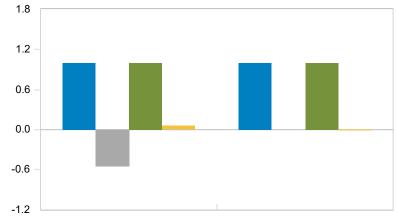
1.00

N/A

1.00 0.00

Index Relative Historical Statist	ics 5 Years Ending March 31, 2022

0.0



	Rhumbline S&P 500 Equity	S&P 500 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.54	N/A
R-Squared	1.00	1.00
Tracking Error	0.06	0.00

Benchmark: S&P 500 Index

R-Squared

Tracking Error

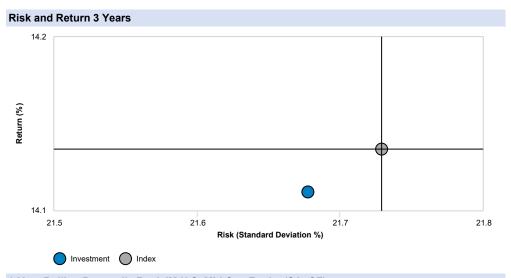
Actual Correlation

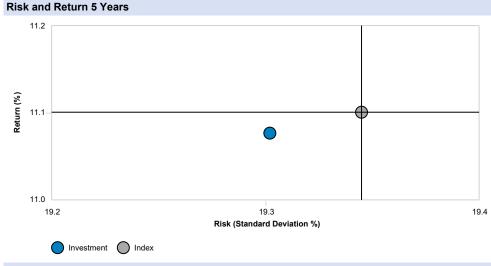
■ Information Ratio

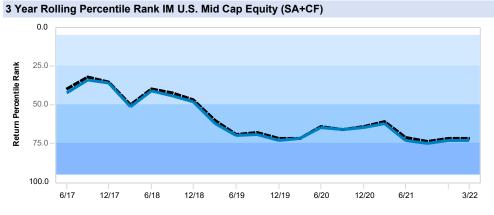


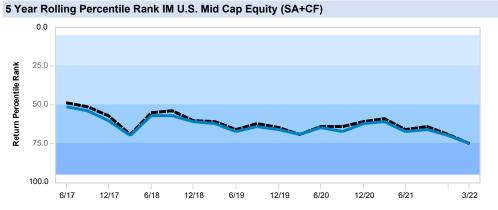
<b>Historical Stati</b>	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	14.11	21.68	0.68	99.77	8	99.76	4
Index	14.14	21.73	0.68	100.00	8	100.00	4

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	11.08	19.30	0.58	99.78	14	99.80	6			
Index	11.10	19.34	0.59	100.00	14	100.00	6			









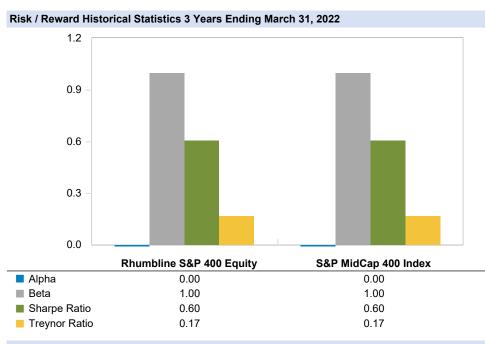
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	6 (30%)	14 (70%)	0 (0%)
Index	20	0 (0%)	7 (35%)	13 (65%)	0 (0%)

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	0 (0%)	20 (100%)	0 (0%)	
Index	20	0 (0%)	1 (5%)	19 (95%)	0 (0%)	

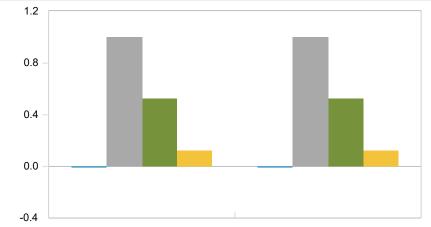








# Risk / Reward Historical Statistics 5 Years Ending March 31, 2022



	Rhumbline S&P 400 Equity	S&P MidCap 400 Index
■ Alpha	0.00	0.00
■ Beta	1.00	1.00
Sharpe Ratio	0.52	0.52
Treynor Ratio	0.12	0.12

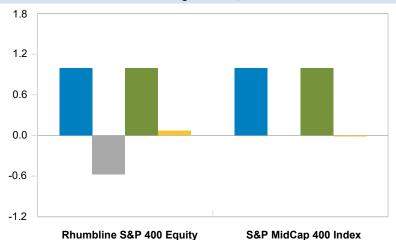
## Index Relative Historical Statistics 3 Years Ending March 31, 2022

1.00

-0.58

1.00

0.08

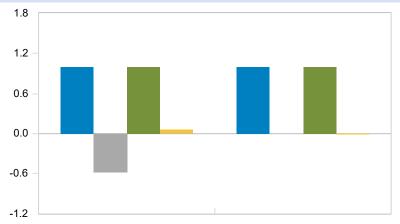


1.00 N/A

1.00

0.00

## Index Relative Historical Statistics 5 Years Ending March 31, 2022



	Rhumbline S&P 400 Equity	S&P MidCap 400 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.58	N/A
R-Squared	1.00	1.00
Tracking Error	0.07	0.00

Benchmark: S&P MidCap 400 Index

Actual Correlation

■ Information Ratio

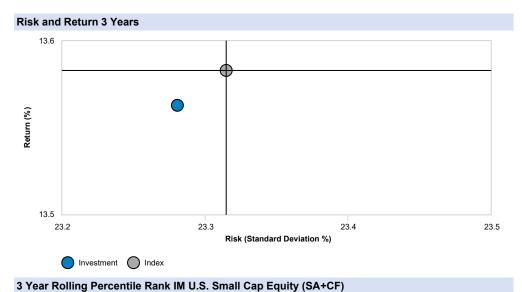
R-Squared

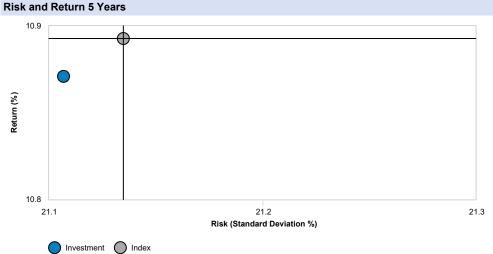
Tracking Error



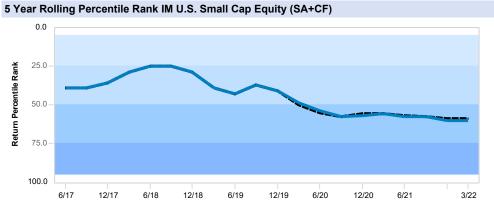
<b>Historical Stati</b>	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	13.56	23.28	0.63	99.84	8	99.84	4
Index	13.58	23.31	0.63	100.00	8	100.00	4

Historical Statistics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.87	21.11	0.54	99.84	15	99.87	5
Index	10.89	21.14	0.54	100.00	15	100.00	5









	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	1 (5%)	7 (35%)	12 (60%)	0 (0%)	
Index	20	2 (10%)	6 (30%)	12 (60%)	0 (0%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	2 (10%)	10 (50%)	8 (40%)	0 (0%)	
Index	20	2 (10%)	10 (50%)	8 (40%)	0 (0%)	







# Risk / Reward Historical Statistics 3 Years Ending March 31, 2022



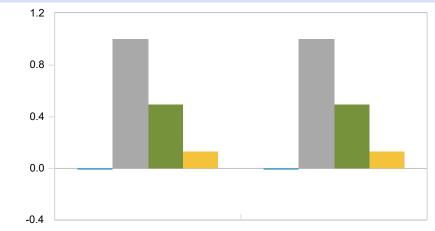
	Rhumbline S&P 600 Equity	S&P SmallCap 600 Index
■ Alpha	0.00	0.00
Beta	1.00	1.00
Sharpe Ratio	0.55	0.55
Treynor Ratio	0.17	0.17

# Index Relative Historical Statistics 3 Years Ending March 31, 2022



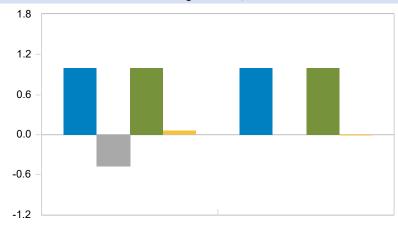
	Rhumbline S&P 600 Equity	S&P SmallCap 600 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.43	N/A
R-Squared	1.00	1.00
Tracking Error	0.08	0.00

# Risk / Reward Historical Statistics 5 Years Ending March 31, 2022



	Rhumbline S&P 600 Equity	S&P SmallCap 600 Index
Alpha	-0.01	0.00
Beta	1.00	1.00
Sharpe Ratio	0.49	0.49
Treynor Ratio	0.13	0.13

# Index Relative Historical Statistics 5 Years Ending March 31, 2022



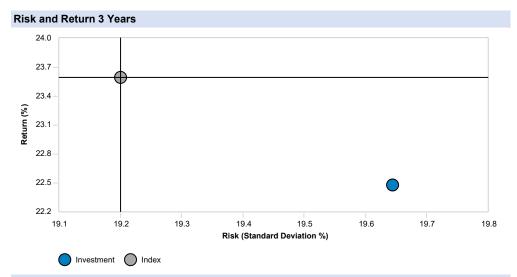
	Rhumbline S&P 600 Equity	S&P SmallCap 600 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.48	N/A
R-Squared	1.00	1.00
Tracking Error	0.07	0.00

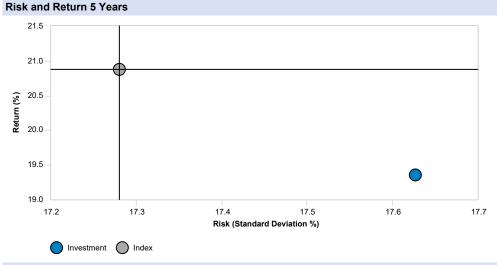
Benchmark: S&P SmallCap 600 Index

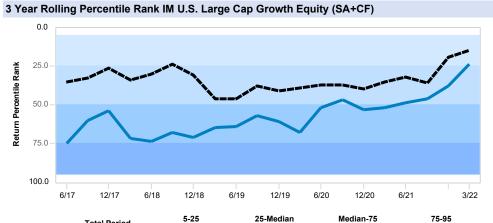


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	22.48	19.64	1.09	99.02	10	102.48	2
Index	23.60	19.20	1 16	100.00	10	100.00	2

<b>Historical Stati</b>	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	19.35	17.63	1.03	97.70	17	102.71	3
Index	20.88	17.28	1.12	100.00	17	100.00	3







Count

4 (20%)

17 (85%)

Count

15 (75%)

0 (0%)

Count

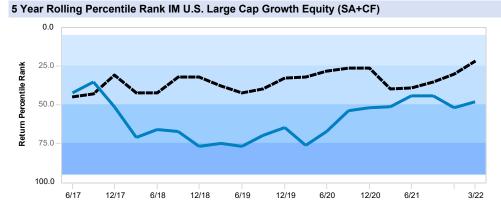
0 (0%)

0 (0%)

Count

1 (5%)

3 (15%)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	5 (25%)	12 (60%)	3 (15%)	
Index	20	1 (5%)	19 (95%)	0 (0%)	0 (0%)	



Investment

\_\_ Index

**Total Period** 

20



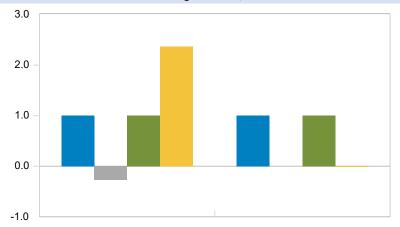


# Risk / Reward Historical Statistics 3 Years Ending March 31, 2022



	<b>Highland Capital Equity</b>	Russell 1000 Growth Index
Alpha	-2.26	0.00
■ Beta	1.07	1.00
Sharpe Ratio	0.98	1.08
Treynor Ratio	0.21	0.23

# Index Relative Historical Statistics 3 Years Ending March 31, 2022



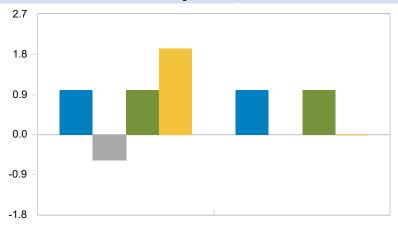
	<b>Highland Capital Equity</b>	Russell 1000 Growth Index
Actual Correlation	1.00	1.00
Information Ratio	-0.27	N/A
R-Squared	0.99	1.00
Tracking Error	2.37	0.00

# Risk / Reward Historical Statistics 5 Years Ending March 31, 2022



	<b>Highland Capital Equity</b>	Russell 1000 Growth Index
Alpha	-2.12	0.00
■ Beta	1.05	1.00
Sharpe Ratio	0.91	1.01
Treynor Ratio	0.18	0.20

# Index Relative Historical Statistics 5 Years Ending March 31, 2022



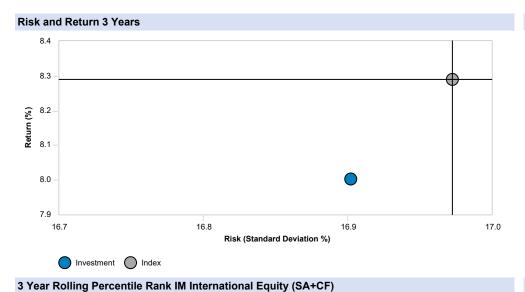
	Highland Capital Equity	Russell 1000 Growth Index
Actual Correlation	1.00	1.00
Information Ratio	-0.59	N/A
R-Squared	0.99	1.00
Tracking Error	1.95	0.00

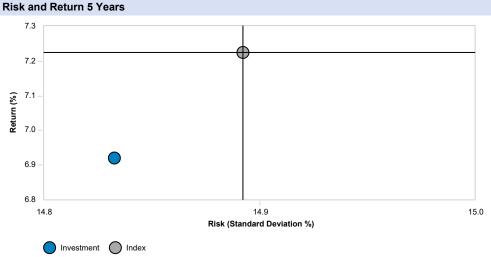
Benchmark: Russell 1000 Growth Index

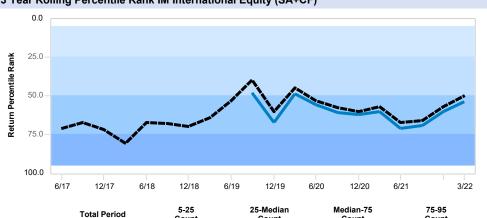


<b>Historical Stati</b>	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	8.00	16.90	0.49	99.38	8	100.58	4
Index	8 20	16.07	0.51	100.00	Ω	100.00	4

Historical Statistics 5 Years							
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.92	14.83	0.45	99.21	13	100.65	7
Index	7.23	14.89	0.47	100.00	13	100.00	7







Count

2 (18%)

3 (15%)

Count

0 (0%)

1 (5%)

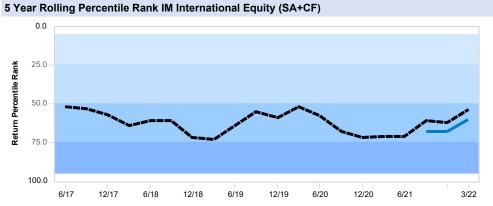
Count

9 (82%)

16 (80%)

Count

0 (0%)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	3	0 (0%)	0 (0%)	3 (100%)	0 (0%)
Index	20	0 (0%)	0 (0%)	20 (100%)	0 (0%)



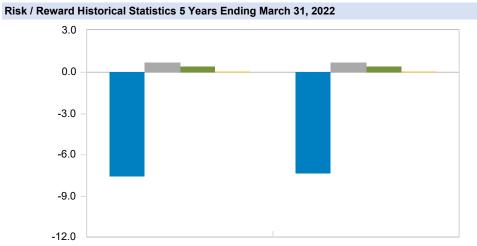
Investment

11





# Risk / Reward Historical Statistics 3 Years Ending March 31, 2022 4.0 -4.0 -8.0 Rhumbline International Equity MSCI EAFE Index



	Rhumbline International Equity	MSCI EAFE Index
Alpha	-7.55	-7.33
■ Beta	0.75	0.76
Sharpe Ratio	0.42	0.43
Treynor Ratio	0.10	0.10

# Index Relative Historical Statistics 3 Years Ending March 31, 2022

-8.72

0.78

0.46

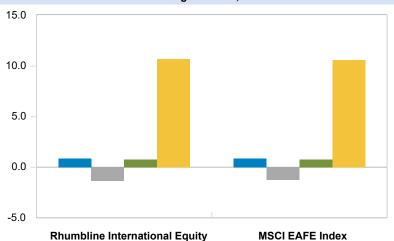
0.11

0.87

-1.33

0.75

10.64



-8.55

0.79

0.47

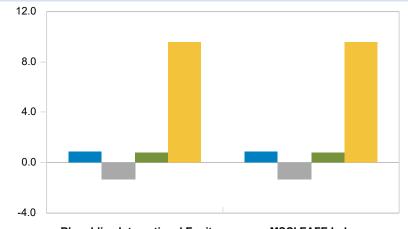
0.12

0.87

-1.31

0.75

10.62



	Rnumbline international Equity	MISCI EAFE INGE
Actual Correlation	0.88	0.88
Information Ratio	-1.37	-1.34
R-Squared	0.77	0.77
Tracking Error	9.56	9.55

Benchmark: Russell 1000 Growth Index

Actual Correlation

■ Information Ratio

R-Squared

Tracking Error

Alpha

■ Sharpe Ratio

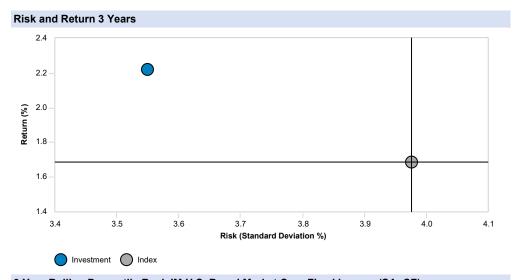
Treynor Ratio

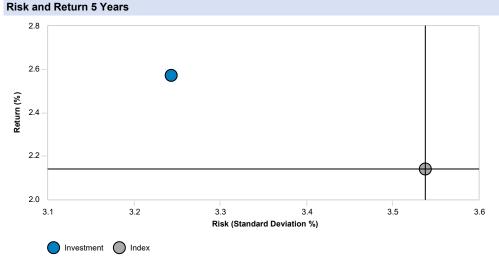
Beta



Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.22	3.55	0.42	94.77	9	81.24	3
Index	1 69	3.98	0.24	100.00	10	100.00	2

Historical Statistics 5 Years									
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		
Investment	2.57	3.24	0.46	96.96	15	84.06	5		
Index	2.14	3.54	0.31	100.00	16	100.00	4		





### 3 Year Rolling Percentile Rank IM U.S. Broad Market Core Fixed Income (SA+CF) 0.0 25.0 Return Percentile Rank 75.0 100.0 6/17 12/17 6/18 12/18 6/19 12/19 6/20 12/20 6/21 3/22 Median-75 5-25 25-Median 75-95 **Total Period**

Count

7 (35%)

1 (5%)

Count 7 (35%)

0 (0%)

Count

6 (30%)

19 (95%)

Count

0 (0%)

20

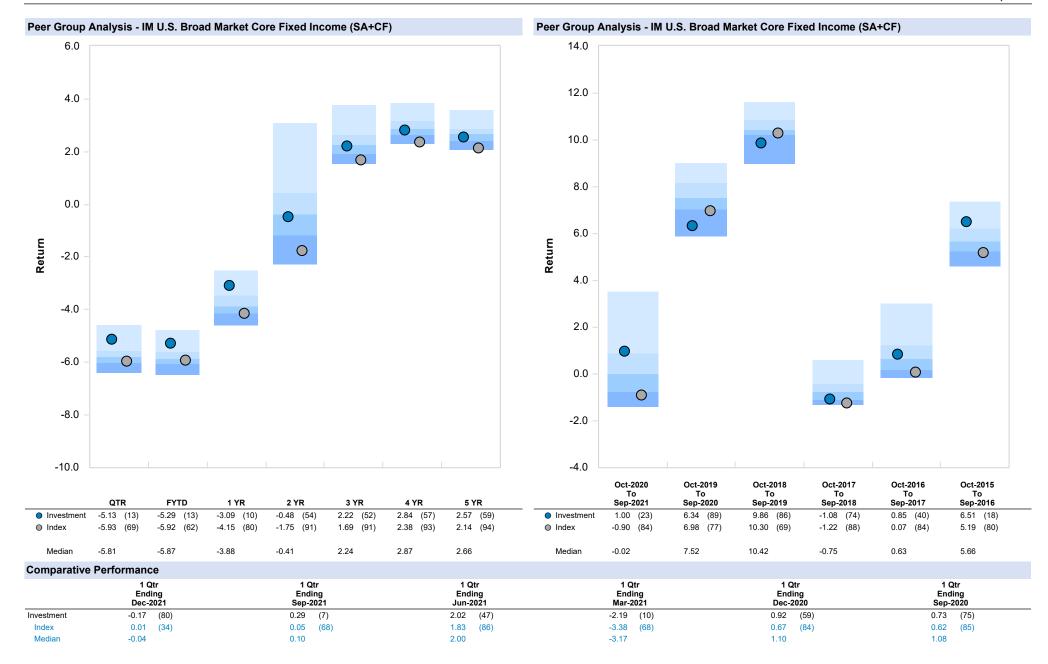
20



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	1 (5%)	15 (75%)	4 (20%)	
Index	20	0 (0%)	0 (0%)	1 (5%)	19 (95%)	



Investment





1.00

0.26

0.01



# Risk / Reward Historical Statistics 5 Years Ending March 31, 2022 1.2 0.9 0.6 0.0 Highland Capital Fixed Income Blmbg. U.S. Aggregate Index 0.00 0.00

0.87

0.41

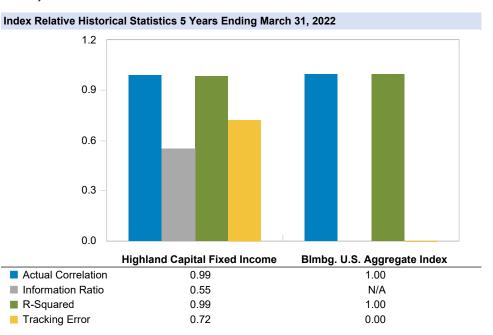
0.02

Beta

■ Sharpe Ratio

Treynor Ratio

# 1.2 0.9 0.6 0.3 0.0 Blmbg. U.S. Aggregate Index **Highland Capital Fixed Income** Actual Correlation 0.99 1.00 ■ Information Ratio 0.54 N/A R-Squared 0.99 1.00 Tracking Error 0.90 0.00

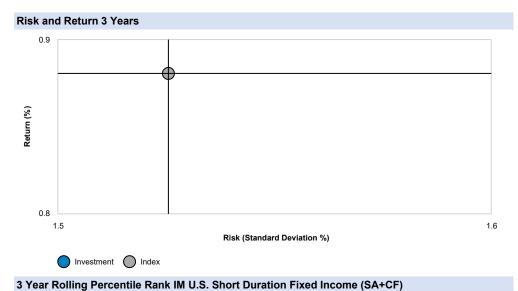


Benchmark: Blmbg. U.S. Aggregate Index

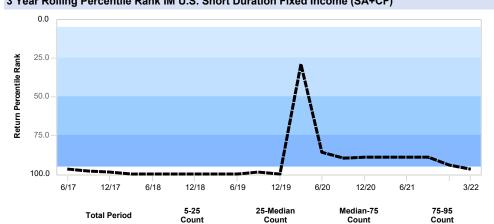


<b>Historical Stati</b>	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	0.88	1.53	0.06	100.00	8	100.00	4

Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Index	1.07	1.30	-0.04	100.00	14	100.00	6	







0 (0%)

1 (5%)

0 (0%)

19 (95%)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	0 (0%)	1 (5%)	19 (95%)	

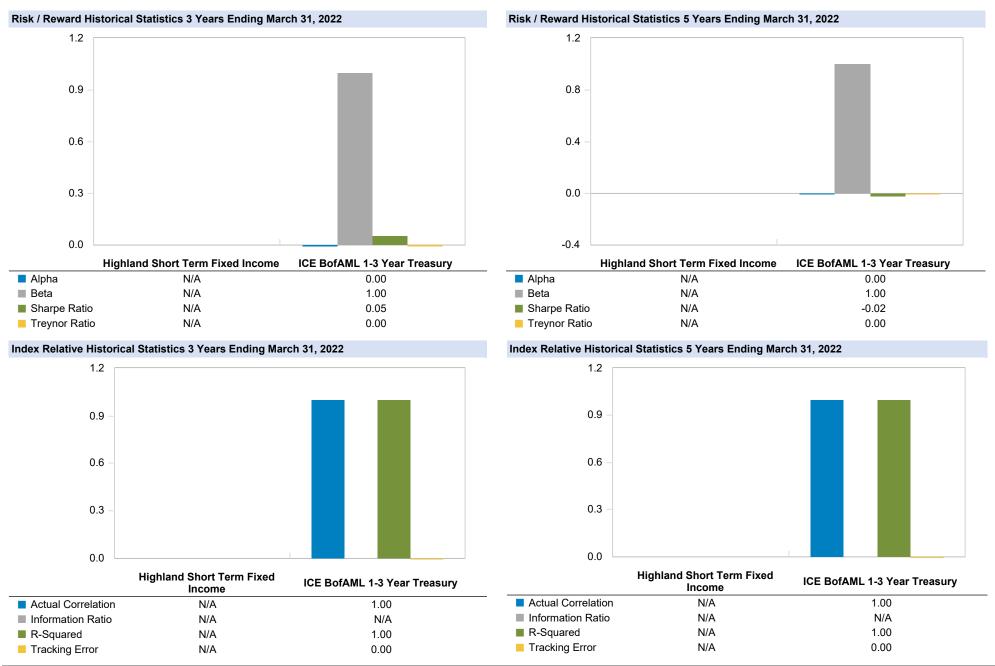


Investment

\_\_ Index





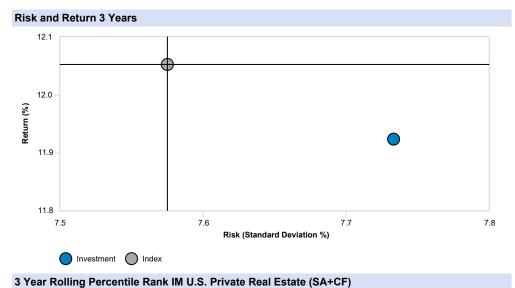


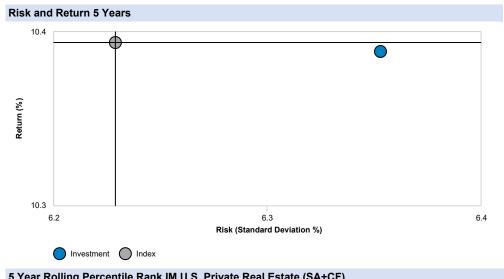
Benchmark: ICE BofAML 1-3 Year Treasury



Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.92	7.73	1.39	99.01	10	96.65	2
Index	12.05	7.57	1.43	100.00	11	100.00	1

Historical Statistics 5 Years									
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		
Investment	10.39	6.35	1.41	99.94	18	96.65	2		
Index	10.39	6.23	1.43	100.00	19	100.00	1		







5 10	eai Nu	ming Fe	centile	Naiik iiv	U.S. F11	vale Rea	i Estate (	SATOR			
	0.0										
le Rank	25.0 -										
Return Percentile Rank	50.0 -		-								
Retu	75.0 -			<u> </u>							
	100.0										
		6/17	12/17	6/18	12/18	6/19	12/19	6/20	12/20	6/21	3/22

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	2 (10%)	15 (75%)	3 (15%)	
Index	20	0 (0%)	2 (10%)	18 (90%)	0 (0%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	0 (0%)	11 (55%)	9 (45%)	
Index	20	0 (0%)	0 (0%)	20 (100%)	0 (0%)	

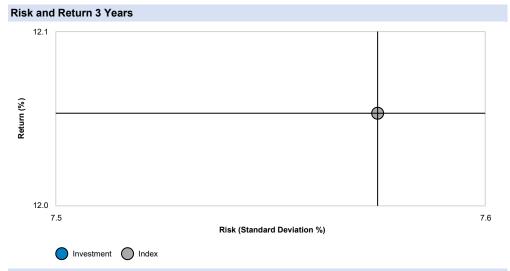


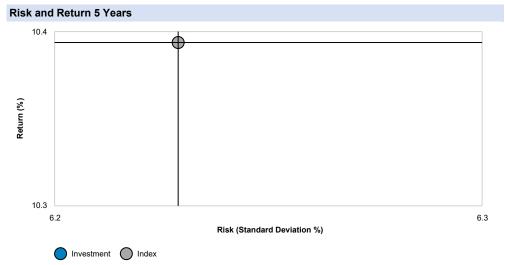




	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	- In
Index	12.05	7.57	1.43	100.00	11	100.00	1	

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Index	10.39	6.23	1.43	100.00	19	100.00	1			









	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	2 (10%)	18 (90%)	0 (0%)	

	Total Period	Count	Count	Count	Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	0 (0%)	20 (100%)	0 (0%)	







	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Rhumbline R1000V	0.04	5,261,990	2,105	0.04 % of Assets
Rhumbline S&P 500 Equity	0.05	14,901,487	7,451	0.05 % of Assets
Rhumbline S&P 400 Equity	0.05	14,316,100	7,158	0.05 % of Assets
Rhumbline S&P 600 Equity	0.05	13,638,346	6,819	0.05 % of Assets
Rhumbline International Equity	0.05	11,480,545	5,740	0.05 % of Assets
Aristotle Value Equity CIT	0.49	4,844,692	23,739	0.49 % of Assets
Highland Capital Balanced	0.41	38,046,415	155,174	0.50 % of First \$10 M 0.38 % Thereafter
Highland Short Term Fixed Income	0.25	7,626,378	19,066	0.25 % of Assets
ARA Core Property Fund	1.10	12,997,000	142,967	1.10 % of Assets
American Strategic Value Realty	1.25	1,197,556	14,969	1.25 % of Assets
IFM Global Infrastructure (US), L.P. Class A	0.77	5,232,832	40,293	0.77 % of Assets
Cash Equivalent		2,231	-	
Total Fund Composite	0.33	129,545,571	425,481	

Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Nov-1994		Jun-2020	
Blmbg. U.S. Aggregate Index	35.00	Blmbg. U.S. Aggregate Index	25.00
S&P 500 Index	25.00	Russell 1000 Growth Index	10.00
S&P MidCap 400 Index	10.00	S&P 500 Index	20.00
Russell 1000 Growth Index	10.00	S&P MidCap 400 Index	10.00
S&P SmallCap 600 Index	10.00	S&P SmallCap 600 Index	10.00
MSCI EAFE Index	10.00	MSCI EAFE Index	10.00
		NCREIF Fund Index-Open End Diversified Core (EW)	10.00
Oct-2010		ICE BofAML 1-3 Year Treasury	5.00
Blmbg. U.S. Aggregate Index	31.00	,	
S&P 500 Index	25.00	Dec-2021	
S&P MidCap 400 Index	10.00	S&P 500 Index	20.00
Russell 1000 Growth Index	10.00	S&P MidCap 400 Index	10.00
MSCI EAFE Index	10.00	S&P SmallCap 600 Index	10.00
S&P SmallCap 600 Index	10.00	Russell 1000 Growth Index	10.00
FTSE Non-U.S. World Government Bond	4.00	MSCI EAFE Index	10.00
		Blmbg. U.S. Aggregate Index	17.50
Apr-2012		NCREIF Fund Index-Open End Diversified Core (EW)	12.50
Blmbg. U.S. Aggregate Index	29.00	ICE BofAML 1-3 Year Treasury	5.00
S&P 500 Index	25.00	S&P Global Infrastructure	5.00
S&P MidCap 400 Index	10.00		
Russell 1000 Growth Index	10.00		
MSCI EAFE Index	10.00		
S&P SmallCap 600 Index	10.00		
FTSE Non-U.S. World Government Bond	4.00		
NCREIF Property Index	2.00		
Oct-2015			
Blmbg. U.S. Aggregate Index	26.00		
S&P 500 Index	25.00		
S&P MidCap 400 Index	10.00		
Russell 1000 Growth Index	10.00		
MSCI EAFE Index	10.00		
S&P SmallCap 600 Index	10.00		
FTSE Non-U.S. World Government Bond	4.00		
NCREIF Fund Index-Open End Diversified Core (EW)	5.00		



<b>Total Equity Historical Hybrid Comp</b>	osition				
Allocation Mandate	Weight (%)				
Jun-2000					
S&P 500 Index	100.00				
Jan-2003					
S&P 500 Index	80.00				
S&P MidCap 400 Index	20.00				
Jan-2004					
S&P 500 Index	60.00				
S&P MidCap 400 Index	20.00				
S&P SmallCap 600 Index	20.00				
Jan-2007					
S&P 500 Index	62.00				
S&P MidCap 400 Index	15.00				
S&P SmallCap 600 Index	15.00				
MSCI EAFE Index	8.00				
Oct-2007					
S&P 500 Index	38.40				
S&P MidCap 400 Index	15.40				
S&P SmallCap 600 Index	15.40				
MSCI FAFF Index	15.40				
Russell 1000 Growth Index	15.40				
1000 Olomai iliaon	10.10				

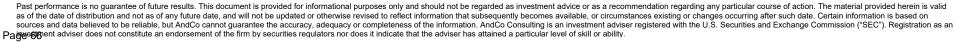
Total Fixed Income Historical Hybrid Composition						
Allocation Mandate	Weight (%)					
Apr-1994						
Blmbg. U.S. Aggregate Index	89.00					
FTSE Non-U.S. World Government Bond	11.00					



Asset Class Performance

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD
Best	Blmbg. U.S. Aggregate Index 5.2 %	MSCI Emerging Markets (Net) Index 78.5 %	Russell 2000 Growth Index 29.1 %	NCREIF Fund Index-ODCE (EW) (Net) 15.0 %	MSCI Emerging Markets (Net) Index 18.2 %	Russell 2000 Growth Index 43.3 %	S&P 500 Index 13.7 %	NCREIF Fund Index-ODCE (EW) (Net) 14.2 %	Russell 2000 Value Index 31.7 %	MSCI Emerging Markets (Net) Index 37.3 %	NCREIF Fund Index-ODCE (EW) (Net) 7.3 %	Russell 1000 Growth Index 36.4 %	Russell 1000 Growth Index 38.5 %	S&P 500 Index 28.7 %	NCREIF Fund Index-ODCE (EW) (Net) 7.8 %
	Bloomberg Global Aggregate Ex USD 4.4 %	Blmbg. U.S. Corp High Yield 58.2 %	Russell 2000 Index 26.9 %	Blmbg. U.S. Aggregate Index 7.8 %	Russell 2000 Value Index 18.1 %	Russell 2000 Index 38.8 %	Russell 1000 Value Index 13.5 %	Russell 1000 Growth Index 5.7 %	Russell 2000 Index 21.3 %	Russell 1000 Growth Index 30.2 %	Blmbg. U.S. Aggregate Index 0.0 %	S&P 500 Index 31.5 %	Russell 2000 Growth Index 34.6 %	Russell 2000 Value Index 28.3 %	Russell 1000 Value Index -0.7 %
	NCREIF Fund Index-ODCE (EW) (Net) -11.1 %	Russell 1000 Growth Index 37.2 %	Russell 2000 Value Index 24.5 %	Blmbg. U.S. Corp High Yield 5.0 %	Russell 1000 Value Index 17.5 %		Russell 1000 Growth Index 13.1 %	S&P 500 Index 1.4 %	Russell 1000 Value Index 17.3 %	MSCI EAFE (Net) Index 25.0 %	Russell 1000 Growth Index -1.5 %	Russell 2000 Growth Index 28.5 %	Russell 2000 Index 20.0 %	Russell 1000 Growth Index 27.6 %	Russell 2000 Value Index -2.4 %
	Blmbg. U.S. Corp High Yield -26.2 %	Russell 2000 Growth Index 34.5 %	MSCI Emerging Markets (Net) Index 18.9 %	Bloomberg Global Aggregate Ex USD 4.4 %	MSCI EAFE (Net) Index 17.3 %	Russell 1000 Growth Index 33.5 %	NCREIF Fund Index-ODCE (EW) (Net) 11.4 %	Blmbg. U.S. Aggregate Index 0.5 %	Blmbg. U.S. Corp High Yield 17.1 %	Russell 2000 Growth Index 22.2 %	Blmbg. U.S. Corp High Yield -2.1 %	Russell 1000 Value Index 26.5 %	S&P 500 Index 18.4 %	Russell 1000 Value Index 25.2 %	S&P 500 Index -4.6 %
	Russell 2000 Value Index -28.9 %	MSCI EAFE (Net) Index 31.8 %	Russell 1000 Growth Index 16.7 %	Russell 1000 Growth Index 2.6 %	Russell 2000 Index 16.3 %	Russell 1000 Value Index 32.5 %	Blmbg. U.S. Aggregate Index 6.0 %	MSCI EAFE (Net) Index -0.8 %	S&P 500 Index 12.0 %	S&P 500 Index 21.8 %	Bloomberg Global Aggregate Ex USD -2.1 %	Russell 2000 Index 25.5 %	MSCI Emerging Markets (Net) Index 18.3 %	NCREIF Fund Index-ODCE (EW) (Net) 21.9 %	Blmbg. U.S. Corp High Yield -4.8 %
	Russell 2000 Index -33.8 %	Russell 2000 Index 27.2 %	Russell 1000 Value Index 15.5 %	S&P 500 Index 2.1 %	S&P 500 Index 16.0 %	S&P 500 Index 32.4 %	Russell 2000 Growth Index 5.6 %	Russell 2000 Growth Index -1.4 %	Russell 2000 Growth Index 11.3 %	Russell 2000 Index 14.6 %	S&P 500 Index -4.4 %	Russell 2000 Value Index 22.4 %	Bloomberg Global Aggregate Ex USD 10.1 %	Russell 2000 Index 14.8 %	MSCI EAFE (Net) Index -5.9 %
	Russell 1000 Value Index -36.8 %	S&P 500 Index 26.5 %	Blmbg. U.S. Corp High Yield 15.1 %	Russell 1000 Value Index 0.4 %	Blmbg. U.S. Corp High Yield 15.8 %	MSCI EAFE (Net) Index 22.8 %	Russell 2000 Index 4.9 %	Russell 1000 Value Index -3.8 %	MSCI Emerging Markets (Net) Index 11.2 %	Russell 1000 Value Index 13.7 %	Russell 1000 Value Index -8.3 %	MSCI EAFE (Net) Index 22.0 %	MSCI EAFE (Net) Index 7.8 %	MSCI EAFE (Net) Index 11.3 %	Blmbg. U.S. Aggregate Index -5.9 %
	S&P 500 Index -37.0 %	Russell 2000 Value Index 20.6 %	NCREIF Fund Index-ODCE (EW) (Net) 15.1 %	Russell 2000 Growth Index -2.9 %	Russell 1000 Growth Index 15.3 %	NCREIF Fund Index-ODCE (EW) (Net) 12.4 %	Russell 2000 Value Index 4.2 %	Russell 2000 Index -4.4 %	NCREIF Fund Index-ODCE (EW) (Net) 8.4 %	Bloomberg Global Aggregate Ex USD 10.5 %	Russell 2000 Growth Index -9.3 %	MSCI Emerging Markets (Net) Index 18.4 %	Blmbg. U.S. Aggregate Index 7.5 %	Blmbg. U.S. Corp High Yield 5.3 %	Bloomberg Global Aggregate Ex USD -6.1 %
	Russell 1000 Growth Index -38.4 %	Russell 1000 Value Index 19.7 %	S&P 500 Index 15.1 %	Russell 2000 Index -4.2 %	Russell 2000 Growth Index 14.6 %	Blmbg. U.S. Corp High Yield 7.4 %	Blmbg. U.S. Corp High Yield 2.5 %	Blmbg. U.S. Corp High Yield -4.5 %	Russell 1000 Growth Index 7.1 %	Russell 2000 Value Index 7.8 %	Russell 2000 Index -11.0 %	Blmbg. U.S. Corp High Yield 14.3 %	Blmbg. U.S. Corp High Yield 7.1 %	Russell 2000 Growth Index 2.8 %	MSCI Emerging Markets (Net) Index -7.0 %
	Russell 2000 Growth Index -38.5 %	Bloomberg Global Aggregate Ex USD 7.5 %	MSCI EAFE (Net) Index 7.8 %	Russell 2000 Value Index -5.5 %	NCREIF Fund Index-ODCE (EW) (Net) 9.9 %	Blmbg. U.S. Aggregate Index -2.0 %	MSCI Emerging Markets (Net) Index -2.2 %	Bloomberg Global Aggregate Ex USD -6.0 %	Blmbg. U.S. Aggregate Index 2.6 %	Blmbg. U.S. Corp High Yield 7.5 %	Russell 2000 Value Index -12.9 %	Blmbg. U.S. Aggregate Index 8.7 %	Russell 2000 Value Index 4.6 %	Blmbg. U.S. Aggregate Index -1.5 %	Russell 2000 Index -7.5 %
	MSCI EAFE (Net) Index -43.4 %	Blmbg. U.S. Aggregate Index 5.9 %	Blmbg. U.S. Aggregate Index 6.5 %	MSCI EAFE (Net) Index -12.1 %	Blmbg. U.S. Aggregate Index 4.2 %	MSCI Emerging Markets (Net) Index -2.6 %	Bloomberg Global Aggregate Ex USD -3.1 %	Russell 2000 Value Index -7.5 %	Bloomberg Global Aggregate Ex USD 1.5 %	NCREIF Fund Index-ODCE (EW) (Net) 6.9 %	MSCI EAFE (Net) Index -13.8 %	NCREIF Fund Index-ODCE (EW) (Net) 5.2 %	Russell 1000 Value Index 2.8 %	MSCI Emerging Markets (Net) Index -2.5 %	Russell 1000 Growth Index -9.0 %
Worst	MSCI Emerging Markets (Net) Index -53.3 %	NCREIF Fund Index-ODCE (EW) (Net) -31.3 %	Bloomberg Global Aggregate Ex USD 4.9 %	MSCI Emerging Markets (Net) Index -18.4 %	Bloomberg Global Aggregate Ex USD 4.1 %	Bloomberg Global Aggregate Ex USD -3.1 %	MSCI EAFE (Net) Index -4.9 %	MSCI Emerging Markets (Net) Index -14.9 %	MSCI EAFE (Net) Index 1.0 %	Blmbg. U.S. Aggregate Index 3.5 %	MSCI Emerging Markets (Net) Index -14.6 %	Bloomberg Global Aggregate Ex USD 5.1 %	NCREIF Fund Index-ODCE (EW) (Net) 0.8 %	Bloomberg Global Aggregate Ex USD -7.1 %	Russell 2000 Growth Index -12.6 %

Source: Investment Metrics





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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