Investment Performance Review Period Ending June 30, 2021

North Palm Beach Fire & Police Pension Fund



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2nd Quarter 2021 Market Environment



The Economy

- The US economy continues to recover as widespread vaccine distribution has resulted in the reopening of many state and local economies.
- The recent rise in demand for goods and services has resulted in strong inflationary pressures. The annual rate of inflation increased to 5.0% in May, up from 4.2% in April.
- The US labor market continues to recover as evidenced by the decline in the unemployment rate. Recently, several states have moved to reduce or eliminate additional unemployment benefits to incentivize people to return to work. Overall, wage growth has shown signs of accelerating as employers struggle to fill job openings.
- Despite leaving interest rates unchanged at their most recent meeting, the Fed did change the language of its statement suggesting that interest rates may rise sooner rather than later.

Equity (Domestic and International)

- US equities rose to all-time highs during the second quarter, primarily due to the optimism related to increased control over the pandemic. Reversing performance from recent quarters, growth outpaced value and large companies resumed market leadership relative to smaller peers.
- International equities performed well during the 2nd quarter, albeit at a less frenetic pace than their domestic counterparts. Also similar to the US, growth outperformed value and emerging countries underperformed developed ones.

Fixed Income

- Despite the continued global economic recovery and rising inflation concerns, US interest rates dipped during the quarter as the US 10-Year Treasury bond fell 27 basis points to close at 1.47%.
- Performance across all bond markets sectors was positive during the quarter, led by investment grade corporate bonds. The combination of lower gross issuance levels, in conjunction with a longer maturity profile relative to high yield bonds, were the primary catalysts of performance during the period.
- Within investment grade credit, Lower quality issues outperformed higher quality sectors during the quarter. Consistent with the economic recovery theme, as investors' expectations of future growth improves, those credits should perform well as earnings growth accelerates.

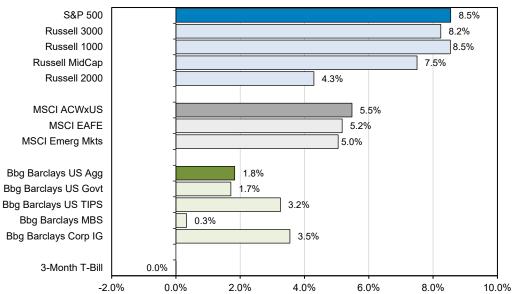
Market Themes

- Global central monetary policy remains largely intact and accommodative. Both the Fed and the European Central Bank remain committed to their repurchase programs. Given these conditions, barring a socioeconomic or geopolitical shock, it is reasonable to expect risk assets to continue experiencing solid returns.
- US interest rates are likely to remain low for the remainder of 2021. As a result, credit should continue to outperform both higher quality Treasury and government bonds.
- Finally, low interest rates have historically been a tailwind for growth equities. Given
 that the Fed has committed to keeping rates unchanged in the near-term, growthoriented companies could continue to lead the market.

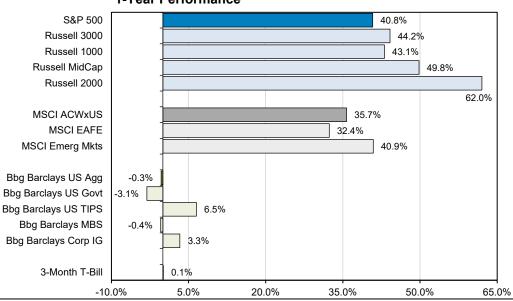


- Broad US equity markets experienced strong returns during the 2nd guarter of 2021. The primary catalyst during the period was the continued reopening of state and local economies resulting from the ongoing distribution of vaccines. Importantly, US interest rates also fell during the period which resulted in large, growth-oriented companies resuming market leadership. For the period, large cap companies returned 8.5%, compared to 7.5% for mid-caps and 4.3% for small company stocks.
- Similar to domestic markets, broad international equity markets also posted positive returns for the 2nd quarter. The re-opening of global economies, particularly Europe, were key drivers of performance. During the period, the MSCI EAFE Index return of 5.2% modestly outperformed the MSCI Emerging Markets Index return of 5.0%
- For the quarter, bond market returns were generally positive as interest rates declined. The Bloomberg Barclays (BB) US Aggregate Index returned 1.8%, trailing both US TIPS and Investment Grade Corporate bonds which returned 3.2% and 3.5% respectively.
- The trailing 1-year chart details the market's dramatic reversal following the onset of the pandemic last year. All broad US equity market indexes have recovered and are trading at near-record levels. Most notably, domestic small cap stocks have led the market higher by returning 62.0% compared to US large caps which returned 43.1% over the trailing 1-year period.
- Over the trailing 1-year period the MSCI EAFE Index return of 32.4% fell short of the MSCI Emerging Markets Index return of 40.9%. Higher growth benefits areas like emerging markets which are more sensitive to changes in economic activity. As a result, as global markets continue to recover, economically sensitive emerging countries may recover at a faster rate.
- Bond market returns over the trailing 1-year period were relatively muted compared to equities. US TIPS led the way as investors remain concerned about the potential for rising inflation. The TIPS Index returned 6.5% for the period while investment grade corporate bonds returned 3.3%. Higher quality, lower coupon bonds generally struggled to perform during the period as US interest rates generally moved higher.





1-Year Performance

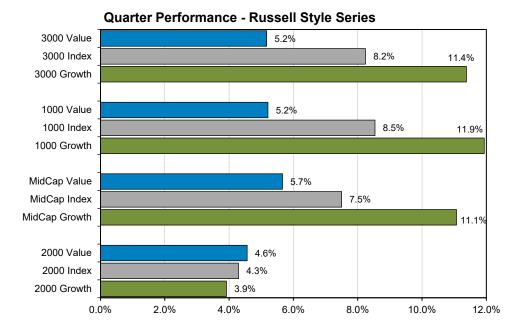


Source: Investment Metrics

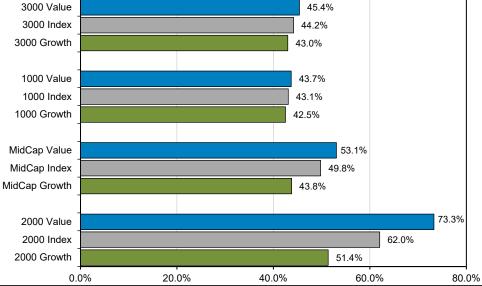


- The market's strong momentum continued during the quarter as all broad US equity benchmarks posted their 5th straight quarter of positive returns across both the style and market capitalization spectrums. However, we did see a reversal during the period as large cap stocks resumed leadership followed by mid and small caps. The Russell 1000 Index returned a strong 8.5% compared to 7.5% for the Russell Mid Cap Index and 4.3% for the Russell 2000 Index.
- Growth stocks outpaced value stocks for the first time in two quarters. The Russell 1000 Growth Index was the best performing style index for the quarter, posting a return of 11.9%. Mid cap growth stock performance was not far behind, returning 11.1%. However, in small cap stocks, value outpaced growth for the quarter with the Russell 2000 Value Index returning 4.6% compared to 3.9% for the Russell 2000 Growth Index.

- Performance across all market capitalizations and styles was very strong over the trailing 1-year period.
- Despite the recent gains made by growth stocks, value stocks outpaced growth issues across all market capitalizations over the trailing 1-year period. Given the strong economic recovery, it is not surprising that small cap value stocks performed the best with the Russell 2000 Value Index returning 73.3%. While the dispersion between value and growth was widest in small cap stocks, it narrowed significantly moving up the market capitalization spectrum.



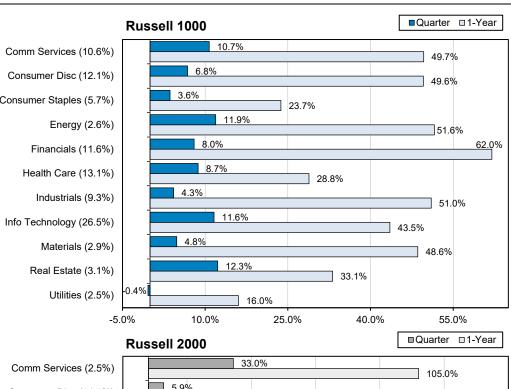


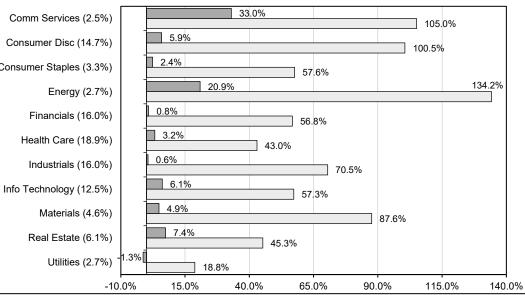


Source: Investment Metrics



- Sector performance was positive across ten of the eleven large cap economic sectors for the 2nd quarter. Five sectors outpaced the return of the broad index during the period.
- Inflation-sensitive sectors like real estate and energy were the two best performing sectors for the quarter, returning 12.3% and 11.9% respectively. In general, companies in sectors with the ability to pass along rising costs to Consumer Staples (5.7%) consumers experienced the strongest returns. The technology sector benefited from falling interest rates during the period, which acted as a tailwind to earnings. While nearly all sectors experienced positive results, the utilities sector (-0.4%) lagged its peers and the broad index results.
- For the full year, seven sectors exceeded the return of the broad large cap benchmark: communication services, consumer discretionary, energy, financials, industrials, information technology, and materials. Over the trailing 1-year period, financials (62.0%), energy (51.6%), industrials (51.0%), and communication services (49.7%) were the best performing economic sectors. The weakest economic sector in the Russell 1000 for the trailing year, utilities, still managed to produce a strong return of 16.0%.
- Similar to large cap stocks, ten of the eleven small cap sectors posted positive performance for the quarter and six of them managed to outpace the return of the broad Russell 2000 Index. Communication services was the best performing sector during the quarter, returning a robust 33.0%. Energy stocks also performed well during the period with a return of 20.9%.
- For the full 1-year period, five of the eleven sectors outperformed the broad Consumer Staples (3.3%) benchmark: energy (134.2%), communication services (105.0%), consumer discretionary (100.5%), materials (87.6%), and industrials (70.5%). The combination of rapidly improving economic conditions, rising energy prices, and increased inflationary pressures were the primary catalysts for the exceptional performance.







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



Top 10 Weighted Stocks						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
Apple Inc	5.22%	12.3%	51.2%	Information Technology		
Microsoft Corp	4.96%	15.2%	34.4%	Information Technology		
Amazon.com Inc	3.62%	11.2%	24.7%	Consumer Discretionary		
Facebook Inc A	2.02%	18.1%	53.1%	Communication Services		
Alphabet Inc A	1.78%	18.4%	72.2%	Communication Services		
Alphabet Inc Class C	1.73%	21.2%	77.3%	Communication Services		
Tesla Inc	1.28%	1.8%	214.7%	Consumer Discretionary		
Berkshire Hathaway Inc Class B	1.27%	8.8%	55.7%	Financials		
NVIDIA Corp	1.16%	49.9%	110.8%	Information Technology		
JPMorgan Chase & Co	1.14%	2.8%	70.7%	Financials		

Top 10 Weighted Stocks						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
AMC Entmt Holdings Inc Class A	0.76%	455.1%	1221.2%	Communication Services		
Intellia Therapeutics Inc	0.34%	101.7%	670.3%	Health Care		
Arrowhead Pharmaceuticals Inc	0.28%	24.9%	91.8%	Health Care		
Ovintiv Inc	0.27%	32.7%	240.7%	Energy		
Lattice Semiconductor Corp	0.25%	24.8%	97.9%	Information Technology		
II-VI Inc	0.25%	6.2%	53.7%	Information Technology		
Crocs Inc	0.25%	44.8%	216.5%	Consumer Discretionary		
Scientific Games Corp Ordinary Shares	0.25%	101.0%	400.9%	Consumer Discretionary		
Staar Surgical Co	0.24%	44.7%	147.8%	Health Care		
Denali Therapeutics Inc	0.24%	37.4%	224.4%	Health Care		

Top 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Moderna Inc	0.19%	79.4%	266.0%	Health Care	
NovoCure Ltd	0.06%	67.8%	274.1%	Health Care	
Hayward Holdings Inc	0.00%	54.1%	N/A	Consumer Discretionary	
Cloudflare Inc	0.06%	50.6%	194.4%	Information Technology	
Virgin Galactic Holdings Inc Shs A	0.02%	50.2%	181.5%	Industrials	
NVIDIA Corp	1.16%	49.9%	110.8%	Information Technology	
Continental Resources Inc	0.01%	47.5%	117.7%	Energy	
Nutanix Inc A	0.02%	43.9%	61.2%	Information Technology	
Roku Inc Class A	0.13%	41.0%	294.1%	Communication Services	
Targa Resources Corp	0.02%	40.4%	125.5%	Energy	

Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
AMC Entmt Holdings Inc Class A	0.76%	455.1%	1221.2%	Communication Services		
Brooklyn ImmunoTherap Inc Ord Shrs	0.01%	384.1%	N/A	Health Care		
Laredo Petroleum Inc	0.04%	208.7%	569.5%	Energy		
Atossa Therapeutics Inc	0.02%	199.5%	66.3%	Health Care		
Peabody Energy Corp	0.02%	159.2%	175.3%	Energy		
Apollo Medical Holdings Inc	0.08%	131.9%	280.7%	Health Care		
Asana Inc Ordinary Shares - Class A	0.15%	117.0%	N/A	Information Technology		
Agiliti Inc Ordinary Shares	0.02%	116.5%	1338.8%	Health Care		
HyreCar Inc	0.01%	113.5%	614.0%	Industrials		
Prothena Corp PLC	0.06%	104.7%	391.5%	Health Care		

Bottom 10 Performing Stocks (by Quarter)						
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector		
QuantumScape Corp Ord Shares A	0.01%	-34.6%	N/A	Consumer Discretionary		
Discovery Inc Class A	0.01%	-29.4%	45.4%	Communication Services		
Penn National Gaming Inc	0.03%	-27.0%	150.5%	Consumer Discretionary		
TripAdvisor Inc	0.01%	-25.1%	112.0%	Communication Services		
Sage Therapeutics Inc	0.01%	-24.1%	36.6%	Health Care		
Discovery Inc C	0.02%	-21.4%	50.5%	Communication Services		
The Scotts Miracle Gro Co A	0.02%	-21.4%	49.0%	Materials		
CureVac NV Ordinary Shares	0.01%	-19.7%	N/A	Health Care		
Exelixis Inc	0.01%	-19.3%	-23.3%	Health Care		
Guardant Health Inc	0.03%	-18.6%	53.1%	Health Care		

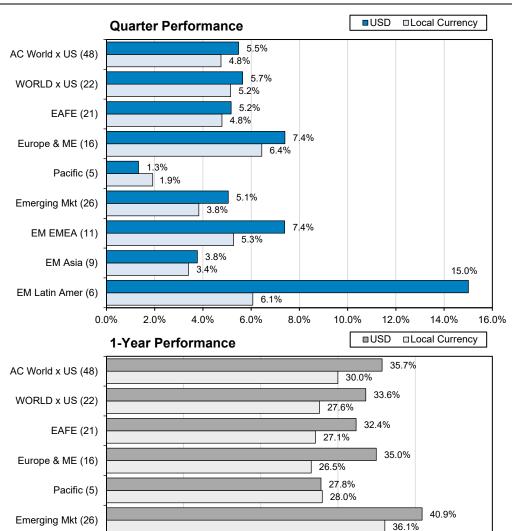
Bottom 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
ChemoCentryx Inc	0.02%	-73.9%	-76.7%	Health Care		
Atea Pharmaceuticals Inc Ord Shares	0.05%	-65.2%	N/A	Health Care		
Adverum Biotechnologies Inc	0.01%	-64.5%	-83.2%	Health Care		
Vor Biopharma Inc Ordinary Shares	0.01%	-56.7%	N/A	Health Care		
Aemetis Inc	0.01%	-54.4%	1282.9%	Energy		
Bolt Biotherapeutics Inc Ord Shares	0.01%	-53.0%	N/A	Health Care		
Gemini Therapeutics Inc Ord Shares	0.00%	-52.3%	N/A	Health Care		
iRhythm Technologies Inc	0.06%	-52.2%	-42.7%	Health Care		
Sigilon Therapeutics Inc Ord Shares	0.00%	-52.0%	N/A	Health Care		
Aterian Inc	0.01%	-50.4%	166.5%	Consumer Discretionary		

Source: Morningstar Direct



All broad international equity indexes tracked in the chart posted positive returns in both US dollar (USD) and local currency terms for the 2nd quarter. For the period, developed markets outperformed emerging markets in both USD and local currency. The MSCI EAFE Index returned 5.2% in USD and 4.8% in local currency terms for the period while the MSCI Emerging Markets Index returned a slightly lower 5.1% in USD and 3.8% in local currency terms.

The trailing 1-year results for international developed and emerging markets were positive across all regions and currencies. The MSCI EAFE Index returned 32.4% in USD and 27.1% in local currency terms, while the MSCI Emerging Markets Index returned 40.9% in USD and 36.1% in local currency terms. Performance within the emerging markets regions was led by Latin America with the EM Latin America Index returning 44.9% in USD and 31.0% in local terms.



EM EMEA (11)

EM Latin Amer (6)

EM Asia (9)

0.0%

10.0%

20.0%

Source: MSCI Global Index Monitor (Returns are Net)



50.0%

37.4%

37.6%

40.0%

41.0%

44.9%

30.2%

31.0%

30.0%

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	4.9%	0.3%	26.1%
Consumer Discretionary	13.0%	5.5%	49.8%
Consumer Staples	10.5%	8.5%	17.9%
Energy	3.2%	2.7%	29.1%
Financials	17.0%	3.2%	40.2%
Health Care	12.4%	9.3%	12.3%
Industrials	15.5%	3.6%	39.6%
Information Technology	9.1%	8.3%	40.2%
Materials	7.9%	5.1%	47.2%
Real Estate	3.0%	5.3%	27.6%
Utilities	3.4%	-1.1%	12.7%
Total	100.0%	5.2%	32.4%
MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	6.7%	1.5%	24.9%
Consumer Discretionary	13.8%	4.8%	44.6%
Consumer Staples	8.5%	7.7%	19.1%
Energy	4.5%	8.2%	34.2%
Financials	18.6%	4.3%	40.7%
Health Care	9.3%	9.9%	15.2%
Industrials	11.8%	4.4%	40.3%
Information Technology	12.9%	7.0%	56.6%
Materials	8.3%	6.5%	49.5%
Real Estate	2.6%	2.5%	22.3%
Utilities	3.0%	-0.3%	14.9%
Total	100.0%	5.5%	35.7%
MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	11.3%	1.9%	23.0%
Consumer Discretionary	17.6%	3.6%	36.8%
Consumer Staples	5.6%	4.5%	23.7%
Energy	5.0%	12.1%	31.8%
Financials	17.8%	4.2%	33.0%
Health Care	5.0%	14.1%	32.3%
Industrials	4.9%	13.2%	45.2%
Information Technology	20.4%	3.8%	75.8%
Materials	8.4%	8.4%	71.4%
Real Estate	2.0%	-6.0%	6.6%
Utilities	1.9%	2.0%	20.3%
Total	100.0%	5.1%	40.9%

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Country	MSCI-EAFE Weight	MSCI-ACWIxUS Weight	Quarter Return	1- Year Return
Japan	23.2%	14.3%	-0.3%	24.8%
United Kingdom	14.4%	8.9%	6.0%	31.3%
France	11.5%	7.1%	9.1%	40.9%
Switzerland	9.8%	6.0%	11.5%	24.3%
Germany	9.4%	5.8%	4.7%	31.8%
Australia	7.2%	4.4%	6.9%	39.6%
Netherlands	4.4%	2.7%	7.3%	49.6%
Sweden	3.8%	2.7%	5.5%	53.9%
Hong Kong	3.3%	2.5%	2.5%	29.0%
Denmark	2.6%	1.6%	13.1%	44.2%
Italy	2.5%	1.5%	3.6%	36.6%
Spain	2.5%	1.5%	5.3%	30.7%
	1.1%	0.7%	0.5%	
Singapore Finland	1.1%	0.7%	10.8%	28.7% 34.7%
Belgium	1.0%	0.6%	9.2%	28.5%
Ireland	0.7%	0.4%	2.4%	39.6%
Norway	0.6%	0.4%	4.9%	49.6%
Israel	0.6%	0.4%	5.1%	22.5%
New Zealand	0.2%	0.2%	-5.1%	-5.0%
Austria	0.2%	0.1%	11.5%	70.9%
Portugal	0.2%	0.1%	-0.9%	11.4%
Total EAFE Countries	100.0%	61.7%	5.2%	32.4%
Canada		7.0%	10.0%	45.8%
Total Developed Countries		68.7%	5.7%	33.6%
China		11.7%	2.3%	27.4%
Taiwan		4.4%	7.1%	70.5%
Korea		4.1%	4.8%	66.2%
India		3.1%	6.9%	56.4%
Brazil		1.6%	22.9%	46.6%
South Africa		1.1%	-1.5%	39.9%
Russia		1.1%	14.0%	38.6%
Saudi Arabia		0.9%	10.0%	49.3%
Mexico		0.6%	9.1%	55.9%
Thailand		0.5%	-4.9%	7.0%
Malaysia		0.4%	-2.5%	3.8%
Indonesia		0.4%	-5.1%	7.6%
Poland		0.2%	18.7%	26.7%
United Arab Emirates		0.2%	11.2%	50.4%
Qatar		0.2%	2.2%	15.1%
Philippines		0.2%	7.6%	14.3%
Chile		0.1%	-14.2%	23.4%
Hungary		0.1%	14.8%	46.1%
Turkey		0.1%	-0.5%	-13.0%
Peru		0.1%	-8.8%	9.6%
Colombia		0.1%	-2.9%	18.0%
Argentina		0.0%	5.8%	28.6%
Greece		0.0%	8.2%	32.0%
Czech Republic		0.0%	14.6%	52.1%
Egypt		0.0%	-9.2%	-13.4%
Pakistan		0.0%	-6.7%	13.2%
Total Emerging Countries		31.2%	5.1%	40.9%
Total ACWIxUS Countries		100.0%	5.5%	35.7%

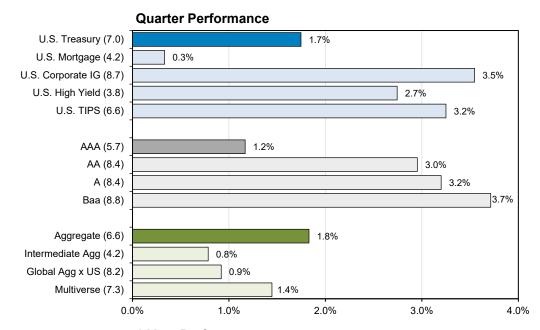
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

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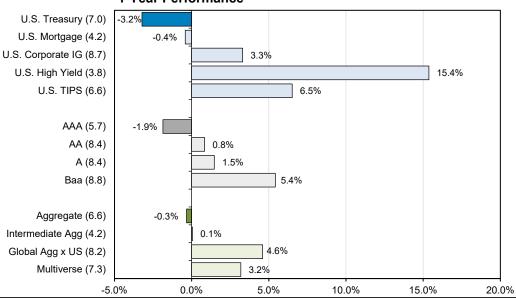


- Fixed income markets performed well during the 2nd quarter primarily due to falling US interest rates which acted as general tailwind for bond benchmark performance. The Bloomberg Barclays (BB) US Aggregate Bond Index returned a solid 1.8% for the period.
- Digging deeper into the investment grade index's segments, while each component exhibited positive performance, the US Corporate Investment Grade (3.5%) and US TIPS (3.2%) benchmark segments drove results. Although yields on issues of less than 2-years remained stable during the quarter, yields on longer-dated issues declined substantially over concerns of future economic growth.
- Outside of domestic markets, the BB Global Aggregate ex US Index posted a 0.9% return for the quarter. Like international stocks, global bonds were negatively impacted by the strengthening USD.

- Over the trailing 1-year period, domestic bond performance was slightly negative while global bonds posted solid, positive results. The BB Global Aggregate ex US Index return of 4.6% easily outpaced the domestic BB US Aggregate Index's return of -0.3%. A steepening yield curve, combined with a falling USD, were the primary contributors to the relative outperformance of global bonds for the year.
- The dispersion of returns for the year within bond market segments was significant and was led by the US High Yield Index's return of 15.4%. The combination of a lower average duration and a greater sensitivity to equity market movements were the primary performance catalysts. US TIPS also performed well for the year with the index returning 6.5%. Persistent concerns about rising inflation acted like a tailwind for TIPS issues.



1-Year Performance

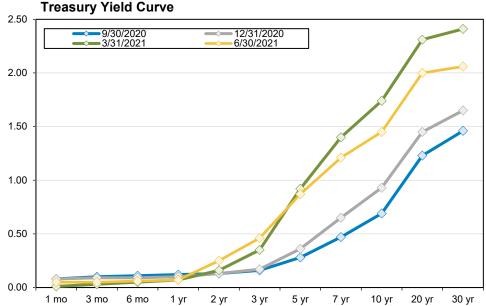


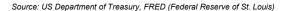
Source: Bloomberg



- The gray band across the graph illustrates the range of the Fed Funds Rate. Over the past year, the Fed's target rate range has remained unchanged at 0.00% to 0.25%. During its June meeting, the Federal Open Market Committee (FOMC) reiterated its commitment to keeping interest rates near zero while also maintaining its asset purchase program aimed at supplying the market with ample liquidity.
- The yield on the US 10-year Treasury (green line) began increasing rapidly as the economy slowly began to open earlier this year. After reaching a high of 1.74% during the 1st quarter of 2021, interest rates in the US began to fall as concerns about future economic growth increased.
- 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-Treasury investment grade issues. The narrowing spread the line illustrates indicates investors remain comfortable owning credit as the probability of corporate defaults remains low. While nearly triple the BAA OAS, the High Yield OAS shows a similar willingness by investors to hold non-Treasury debt.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. Beginning in the 3rd quarter of 2020, longer-term interest rates began to move higher as investors' optimism improved. This trend continued through the 1st quarter as economic growth surprised to the upside. Since then, longer-term US interest rates have fallen.









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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 three year return ranks in the top 40% of its peers.		•
The five year return ranks in the top 40% of its peers.		•
The three year standard deviation is less than the total fund index standard deviation.		•
Total Equity Compliance:	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 amount invested in common stocks and convertible bonds is less than 65% of the total fund.	•	
Highland LCV	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 peers.		•
The five year return ranks in the top 40% of its peers.		•
The three year standard deviation is less than the index standard deviation.		•



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 peers.		•
The five year return ranks in the top 40% of its peers.		•
The three year standard deviation is less than the index standard deviation.	•	
Highland International	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 peers.		•
The five year return ranks in the top 40% of its peers.		•
The three year standard deviation is less than the index standard deviation.		•
Highland Fixed Income:	Yes	No
The fixed income return equaled or exceed the benchmark over the trailing three year period.	•	
The fixed income return equaled or exceed the benchmark over the trailing five year period.	•	
The three year return ranks in the top 40% of its peers.		•
The five year return ranks in the top 40% of its peers.		•
The three year standard deviation is less than the index standard deviation.	•	



Asset Allocation Compliance					
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Total Fund Composite	33,883,793	100.0	100.0	0.0	-
Highland LCV	4,087,496	12.1	12.5	-0.4	147,979
Highland LCG	4,513,666	13.3	12.5	0.8	-278,192
Highland International	1,644,032	4.9	5.0	-0.1	50,158
Vanguard Value Adm (VVIAX)	4,064,900	12.0	12.5	-0.5	170,574
Vanguard Growth Adm (VIGAX)	4,548,726	13.4	12.5	0.9	-313,252
Vanguard Extended Market Index (VEXAX)	1,720,347	5.1	5.0	0.1	-26,157
American Funds Euro Pacific Growth (RERGX)	1,854,344	5.5	5.0	0.5	-160,155
Highland Fixed Income	8,524,861	25.2	25.0	0.2	-53,912
ARA Core Property Fund	2,897,938	8.6	10.0	-1.4	490,441
R&D Cash	27,484	0.1	0.0	0.1	-27,484
Highland LCV (12.1%) Highland LCG (13.3%) Highland International (4.9%) Vanguard Value Adm (VVIAX) (12.0%) Vanguard Growth Adm (VIGAX) (13.4%) Vanguard Extended Market Index (VEXAX) (5.1%) American Funds Euro Pacific Growth (RERGX) (5.5%) Highland Fixed Income (25.2%) ARA Core Property Fund (8.6%) R&D Cash (0.1%)			-0.4 % -0.1 % -0.5 % 0.9% 0.1% 0.2% -1.4 %		
	-9.0 %	-6.0 % -3.0 %	0.0%	3.0% 6.09	6 10.09
	Allocation Differ	rences			
Executive Summary					
Highland LCV (12.1%) Highland LCG (13.3%) Highland International (4.9%) Vanguard Value Adm (VVIAX) (12.0%) Vanguard Growth Adm (VIGAX) (13.4%) Vanguard Extended Market Index (VEXAX) (5.1%) American Funds Euro Pacific Growth (RERGX) (5.5%) Highland Fixed Income (25.2%) ARA Core Property Fund (8.6%) R&D Cash (0.1%)	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	7			

0.0%

15.0%

30.0%

45.0%

Policy

60.0%

Target

75.0%

▼ In Policy

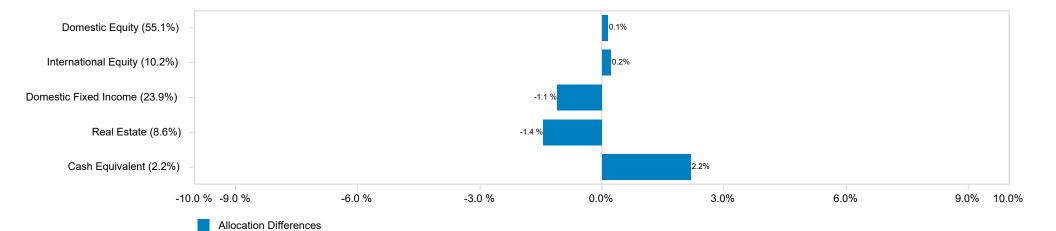
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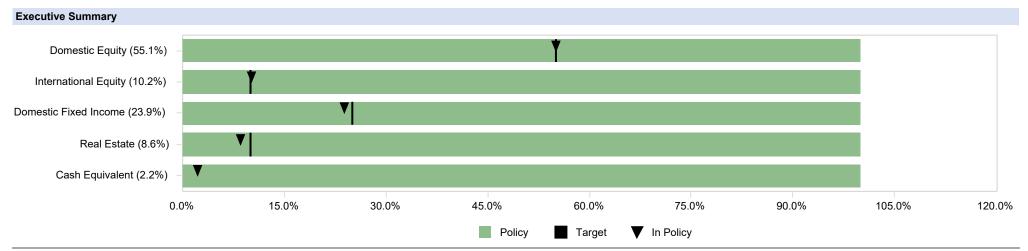
105.0%



120.0%

	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Domestic Equity	18,683,755	55.1	55.0	0.1	-47,669
International Equity	3,463,510	10.2	10.0	0.2	-75,131
Domestic Fixed Income	8,094,919	23.9	25.0	-1.1	376,029
Real Estate	2,897,938	8.6	10.0	-1.4	490,441
Cash Equivalent	743,670	2.2	0.0	2.2	-743,670
Total Fund	33,883,793	100.0	100.0	0.0	

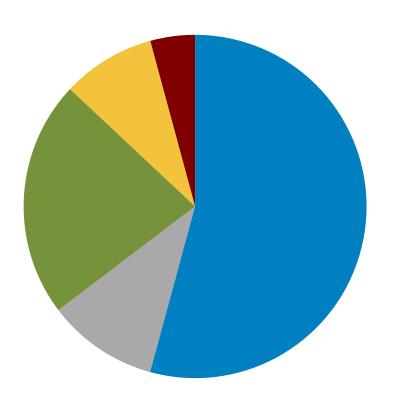


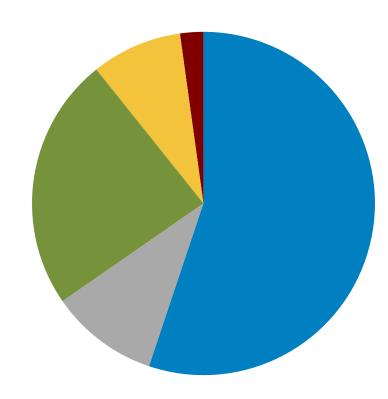




Asset Allocation By Segment as of March 31, 2021 : \$31,736,532

Asset Allocation By Segment as of June 30, 2021 : \$33,883,793



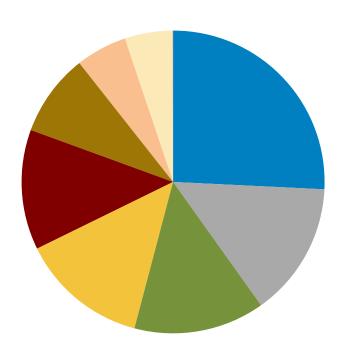


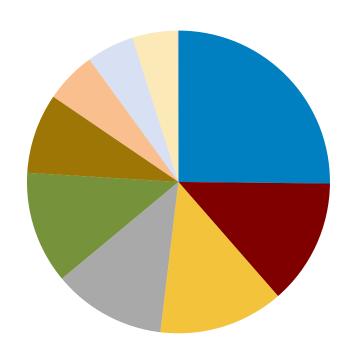
location			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
■ Domestic Equity	17,208,132	54.2	■ Domestic Equity	18,683,755	55.1
International Equity	3,315,569	10.4	International Equity	3,463,510	10.2
Domestic Fixed Income	7,080,614	22.3	Domestic Fixed Income	8,094,919	23.9
Real Estate	2,793,338	8.8	Real Estate	2,897,938	8.6
■ Cash Equivalent	1,338,880	4.2	Cash Equivalent	743,670	2.2



Asset Allocation By Manager as of March 31, 2021 : \$31,736,532

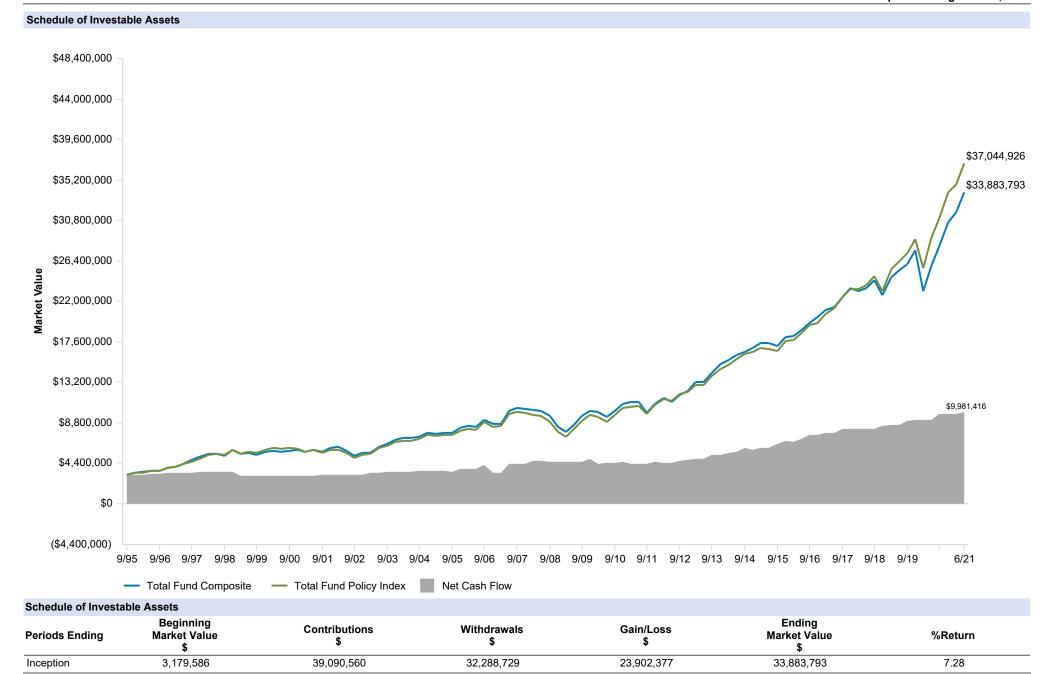
Asset Allocation By Manager as of June 30, 2021 : \$33,883,793





cation			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Highland Fixed Income	8,178,772	25.8	■ Highland Fixed Income	8,524,861	25.2
■ Highland LCV	4,561,667	14.4	Vanguard Growth Adm (VIGAX)	4,548,726	13.4
■ Vanguard Value Adm (VVIAX)	4,430,402	14.0	Highland LCG	4,513,666	13.3
■ Highland LCG	4,328,927	13.6	■ Highland LCV	4,087,496	12.1
■ Vanguard Growth Adm (VIGAX)	4,072,771	12.8	Vanguard Value Adm (VVIAX)	4,064,900	12.0
■ ARA Core Property Fund	2,793,338	8.8	ARA Core Property Fund	2,897,938	8.6
American Funds Euro Pacific Growth (RERGX)	1,733,467	5.5	American Funds Euro Pacific Growth (RERGX)	1,854,344	5.5
Highland International	1,608,118	5.1	Vanguard Extended Market Index (VEXAX)	1,720,347	5.1
R&D Cash	29,072	0.1	Highland International	1,644,032	4.9
Vanguard Extended Market Index (VEXAX)	-	0.0	R&D Cash	27,484	0.1







	Allocation	on				Performance(%)	1		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	Inception Date
Total Fund Composite (Gross)	33,883,793	100.0	6.15 (3)	20.39 (38)	27.55 (30)	10.89 (58)	10.26 (65)	7.73 (57)	10/01/1995
Total Fund Policy Index			5.83 (8)	18.23 (65)	24.80 (59)	13.46 (10)	12.22 (15)	7.97 (46)	
All Public Plans-Total Fund Median			4.97	19.48	25.45	11.11	10.71	7.84	
Total Fund Composite (Net)	33,883,793	100.0	6.06	20.10	27.13	10.54	9.85	7.28	10/01/1995
Total Fund Policy Index			5.83	18.23	24.80	13.46	12.22	7.97	
Total Equity Composite (Gross)	22,147,265	65.4	8.29	31.47	44.90	13.00	13.72	9.59	10/01/1995
Total Equity Policy Index			8.09	30.59	42.11	18.24	17.48	9.58	
Highland LCV (Gross)	4,087,496	12.1	4.86 (78)	38.46 (48)	45.56 (52)	12.11 (71)	12.56 (70)	9.57 (89)	10/01/1995
Russell 1000 Value Index	,,		5.21 (65)	36.07 (56)	43.68 (58)	12.42 (64)	11.87 (81)	9.44 (92)	
IM U.S. Large Cap Value Equity (SA+CF) Median			5.86	37.64	45.69	13.64	13.56	10.61	
Vanguard Value Adm (VVIAX)	4,064,900	12.0	5.25 (50)	33.78 (61)	41.29 (62)	N/A	N/A	36.35 (68)	06/01/2020
Russell 1000 Value Index	,,		5.21 (53)	36.07 (51)	43.68 (49)	12.42 (44)	11.87 (59)	38.88 (55)	
IM U.S. Large Cap Value Equity (MF) Median			5.25	36.19	43.46	12.04	12.29	39.48	
Highland LCG (Gross)	4,513,666	13.3	11.92 (31)	25.61 (63)	42.02 (40)	21.90 (67)	21.37 (61)	15.20 (80)	01/01/2010
Russell 1000 Growth Index			11.93 (30)	25.86 (60)	42.50 (36)	25.14 (32)	23.66 (37)	17.60 (32)	
IM U.S. Large Cap Growth Equity (SA+CF) Median			10.87	26.47	40.81	23.53	22.24	16.98	
Vanguard Growth Adm (VIGAX)	4,548,726	13.4	11.69 (42)	26.33 (36)	42.77 (26)	N/A	N/A	45.02 (24)	06/01/2020
Russell 1000 Growth Index			11.93 (33)	25.86 (43)	42.50 (28)	25.14 (24)	23.66 (31)	44.23 (29)	
IM U.S. Large Cap Growth Equity (MF) Median			11.37	25.55	39.97	23.43	22.71	41.29	
Vanguard Extended Market Index (VEXAX)	1,720,347	5.1	N/A	N/A	N/A	N/A	N/A	N/A	05/01/2021
S&P Completion Index			7.12 (9)	47.04 (50)	61.60 (27)	18.50 (6)	18.73 (7)	2.78 (8)	
IM U.S. SMID Cap Core Equity (MF) Median			4.52	47.04	55.22	12.38	13.27	-0.26	
Highland International (Gross)	1,644,032	4.9	2.26 (91)	28.81 (51)	38.04 (59)	7.33 (80)	9.92 (78)	5.69 (53)	04/01/2008
BONY ADR Index	•		5.32 (57)	28.02 (56)	35.13 (71)	8.06 (74)	9.65 (79)	2.99 (96)	
IM International Equity (SA+CF) Median			5.64	28.89	40.11	10.69	12.38	5.86	
Am Funds Euro Pacific Growth (RERGX)	1,854,344	5.5	6.97 (20)	27.76 (16)	40.10 (11)	N/A	N/A	24.10 (7)	08/01/2019
MSCI AC World ex USA (Net)			5.48 (60)	27.73 (17)	35.72 (37)	9.38 (82)	11.08 (70)	15.03 (76)	
IM Int'l Large Cap Growth Equity (MF)			6.18	22.40	33.69	12.21	12.57	18.44	



^{*}The Highland Large Cap Value Changed the index from S&P 500 to Russell 1000 Value in March 2020

	Allocation	on			1	Performance(%)			
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	Inception	Inception Date
Total Fixed Income									
Highland Fixed Income (Gross)	8,524,861	25.2	1.77 (91)	1.47 (34)	2.80 (38)	5.96 (69)	3.55 (73)	4.95 (99)	10/01/1995
Blmbg. Barc. U.S. Aggregate Index			1.83 (88)	-0.95 (91)	-0.34 (92)	5.34 (93)	3.03 (97)	5.11 (97)	
IM U.S. Broad Market Fixed Income (SA+CF) Median			2.15	0.62	2.03	6.25	3.95	5.66	
Total Real Estate									
American Realty (Gross)	2,897,938	8.6	4.03 (50)	7.47 (61)	7.33 (73)	6.03 (62)	6.74 (59)	8.98 (71)	04/01/2013
NCREIF Fund ODCE (EW)			4.39 (40)	8.22 (44)	8.84 (42)	6.07 (61)	6.98 (56)	9.38 (57)	
IM U.S. Private Real Estate (SA+CF) Median			4.03	7.76	8.50	6.44	7.19	9.55	
American Realty (Net)	2,897,938	8.6	3.74	6.59	6.15	4.87	5.57	7.80	04/01/2013
NCREIF Fund Index-ODCE (EW) (Net)			4.19	7.58	7.99	5.19	6.09	8.48	
R&D Cash	27,484	0.1							



^{*}The Highland Large Cap Value Changed the index from S&P 500 to Russell 1000 Value in March 2020

Asset Allocation & Performance												
	Allocati	on					Perform	ance(%)				
	Market Value \$	%	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	Oct-2010 To Sep-2011
Total Fund Composite (Gross)	33,883,793	100.0	5.35 (79)	3.83 (63)	8.06 (40)	11.76 (53)	9.28 (65)	1.23 (11)	10.99 (28)	14.46 (17)	16.33 (69)	-1.93 (93)
Total Fund Policy Index			11.87 (8)	5.92 (14)	10.20 (7)	12.01 (49)	10.94 (14)	-0.51 (43)	12.06 (7)	10.45 (79)	18.49 (32)	1.60 (30)
All Public Plans-Total Fund Median			7.59	4.29	7.65	11.96	9.75	-0.81	9.87	12.46	17.63	0.50
Total Fund Composite (Net)	33,883,793	100.0	4.87	3.60	7.81	11.13	8.81	1.04	10.54	13.99	15.82	-2.40
Total Fund Policy Index			11.87	5.92	10.20	12.01	10.94	-0.51	12.06	10.45	18.49	1.60
Total Equity Composite (Gross)	22,147,265	65.4	3.01	0.94	12.92	19.08	11.58	-0.65	15.06	27.02	27.49	-8.06
Total Equity Policy Index			15.05	3.05	16.39	19.13	13.59	-3.01	17.59	19.14	27.67	-1.26
Highland LCV (Gross)	4,087,496	12.1	-6.46 (72)	2.40 (51)	12.18 (48)	17.97 (49)	14.01 (46)	0.20 (19)	17.14 (66)	27.52 (21)	28.99 (44)	-8.16 (97)
Russell 1000 Value Index			-5.03 (65)	4.00 (39)	9.45 (78)	15.12 (76)	16.19 (26)	-4.42 (65)	18.89 (42)	22.30 (59)	30.92 (26)	-1.89 (62)
IM U.S. Large Cap Value Equity (SA+CF) Median			-3.27	2.41	11.83	17.89	13.61	-3.28	18.40	23.65	28.09	-0.98
Vanguard Value Adm (VVIAX)	4,064,900	12.0	N/A									
Russell 1000 Value Index			-5.03 (54)	4.00 (30)	9.45 (61)	15.12 (72)	16.19 (18)	-4.42 (41)	18.89 (19)	22.30 (52)	30.92 (15)	-1.89 (30)
IM U.S. Large Cap Value Equity (MF) Median			-4.55	1.87	10.42	16.74	12.49	-4.90	17.21	22.35	28.44	-3.39
Highland LCG (Gross)	4,513,666	13.3	32.22 (56)	1.30 (71)	22.99 (60)	22.24 (35)	6.35 (94)	4.00 (44)	15.51 (77)	26.14 (13)	26.31 (65)	-6.01 (97)
Russell 1000 Growth Index			37.53 (29)	3.71 (52)	26.30 (36)	21.94 (38)	13.76 (23)	3.17 (55)	19.15 (40)	19.27 (64)	29.19 (39)	3.78 (30)
IM U.S. Large Cap Growth Equity (SA+CF) Median			33.30	3.81	24.44	20.83	11.72	3.61	18.18	20.30	27.71	1.40
Vanguard Growth Adm (VIGAX)	4,548,726	13.4	N/A									
Russell 1000 Growth Index			37.53 (34)	3.71 (33)	26.30 (38)	21.94 (28)	13.76 (18)	3.17 (45)	19.15 (22)	19.27 (52)	29.19 (35)	3.78 (17)
IM U.S. Large Cap Growth Equity (MF) Median			34.55	2.32	25.06	20.13	10.96	2.84	16.89	19.37	27.40	0.50
Vanguard Extended Market Index (VEXAX)	1,720,347	5.1	N/A									
S&P Completion Index			12.94 (6)	-3.96 (50)	16.02 (18)	18.91 (29)	13.26 (51)	-0.27 (45)	9.66 (47)	31.34 (27)	30.37 (22)	-2.06 (42)
IM U.S. SMID Cap Core Equity (MF) Median			-3.66	-4.11	12.98	17.28	13.28	-0.63	9.46	27.60	27.95	-2.39
Highland International (Gross)	1,644,032	4.9	0.58 (71)	-4.75 (75)	5.35 (22)	17.29 (78)	6.28 (82)	-9.78 (57)	3.88 (72)	20.21 (50)	16.79 (55)	-5.84 (26)
BONY ADR Index			0.49 (72)	-2.48 (59)	1.35 (51)	18.14 (72)	6.30 (82)	-14.49 (74)	7.32 (34)	17.66 (58)	15.33 (66)	-12.68 (72)
IM International Equity (SA+CF) Median			7.29	-1.52	1.42	21.10	11.62	-8.37	5.87	20.15	17.32	-9.57
Am Funds Euro Pacific Growth (RERGX)	1,854,344	5.5	14.97 (35)	N/A								
MSCI AC World ex USA (Net)			3.00 (88)	-1.23 (68)	1.76 (57)	19.61 (26)	9.26 (33)	-12.16 (89)	4.77 (38)	16.48 (68)	14.49 (77)	-10.81 (52)
IM Int'l Large Cap Growth Equity (MF)			13.05	0.81	2.28	17.85	7.77	-5.68	4.23	17.85	17.92	-10.80



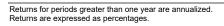
^{*}The Highland Large Cap Value Changed the index from S&P 500 to Russell 1000 Value in March 2020

	Allocation	on					Perform	ance(%)				
	Market Value \$	%	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	Oct-2010 To Sep-2011
Total Fixed Income												
Highland Fixed Income (Gross)	8,524,861	25.2	6.64 (78)	9.77 (79)	-1.11 (83)	0.71 (63)	6.49 (33)	2.32 (67)	3.81 (91)	-2.59 (99)	5.87 (84)	5.93 (15)
Blmbg. Barc. U.S. Aggregate Index			6.98 (72)	10.30 (61)	-1.22 (90)	0.07 (91)	5.19 (85)	2.94 (44)	3.96 (86)	-1.68 (84)	5.16 (93)	5.26 (46)
IM U.S. Broad Market Fixed Income (SA+CF) Median			7.57	10.40	-0.62	1.05	5.92	2.83	4.93	-0.85	7.50	5.19
Total Real Estate												
American Realty (Gross)	2,897,938	8.6	1.62 (63)	6.81 (52)	8.50 (65)	7.52 (63)	9.05 (92)	13.99 (71)	12.42 (70)	N/A	N/A	N/A
NCREIF Fund ODCE (EW)			1.74 (55)	6.17 (72)	8.82 (59)	7.81 (57)	10.62 (68)	14.71 (65)	12.39 (71)	12.47 (71)	11.77 (65)	18.03 (46)
IM U.S. Private Real Estate (SA+CF) Median			1.78	6.89	9.04	8.17	11.57	15.79	13.12	13.56	13.05	16.96
American Realty (Net)	2,897,938	8.6	0.51	5.64	7.31	6.34	7.88	12.74	11.30	N/A	N/A	N/A
NCREIF Fund Index-ODCE (EW) (Net)			0.89	5.26	7.89	6.93	9.69	13.82	11.44	11.46	10.69	17.02
R&D Cash	27,484	0.1										



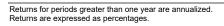
^{*}The Highland Large Cap Value Changed the index from S&P 500 to Russell 1000 Value in March 2020

Historical Rolling I	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
06/30/2021	6.15	27.55	10.89	10.26	7.73
03/31/2021	3.75	34.73	9.22	9.35	7.55
12/31/2020	9.32	9.03	7.40	8.80	7.48
09/30/2020	5.95	5.35	5.73	7.62	7.17
06/30/2020	12.12	0.53	4.81	5.40	7.00
03/31/2020	-16.04	-7.33	1.46	2.97	6.57
12/31/2019	5.62	18.56	8.73	7.19	7.41
09/30/2019	1.10	3.83	7.83	6.76	7.25
06/30/2019	3.35	6.35	8.32	6.42	7.28
03/31/2019	7.42	4.36	7.79	6.38	7.21
12/31/2018	-7.50	-4.17	5.66	5.19	6.96
09/30/2018	3.55	8.06	9.69	8.20	7.40
06/30/2018	1.42	7.69	6.76	8.26	7.32
03/31/2018	-1.35	8.00	6.18	8.06	7.33
12/31/2017	4.30	13.14	7.59	9.83	7.49
09/30/2017	3.20	11.76	7.33	9.45	7.37
06/30/2017	1.72	10.97	6.02	9.69	7.30
03/31/2017	3.34	11.12	6.52	8.65	7.30
12/31/2016	3.03	8.79	5.90	9.47	7.23
09/30/2016	2.47	9.28	7.08	10.33	7.16
06/30/2016	1.86	1.83	7.57	7.36	7.13
03/31/2016	1.17	-0.24	7.08	6.83	7.12
12/31/2015	3.49	1.20	9.09	7.50	7.15
09/30/2015	-4.52	1.23	8.74	7.97	7.06
06/30/2015	-0.21	5.47	12.01	10.38	7.40
03/31/2015	2.63	9.02	10.95	9.16	7.51
12/31/2014	3.52	7.88	12.61	9.43	7.47
09/30/2014	-0.52	10.99	13.90	9.38	7.38
06/30/2014	3.15	15.89	9.92	11.85	7.51
03/31/2014	1.56	12.90	8.56	13.25	7.43
12/31/2013	6.50	18.91	9.55	11.46	7.45
09/30/2013	3.87	14.46	9.30	7.14	7.18
06/30/2013	0.49	14.96	10.26	5.24	7.05
03/31/2013	6.97	10.97	7.99	4.82	7.13
12/31/2012	2.51	11.32	6.95	2.61	6.82
09/30/2012	4.33	16.33	7.21	1.99	6.76
06/30/2012	-3.00	-0.32	9.52	1.72	6.60
03/31/2012	7.31	2.13	14.14	3.24	6.90
12/31/2011	7.12	-0.68	9.12	1.96	6.55
09/30/2011	-10.60	-1.93	1.98	1.48	6.19





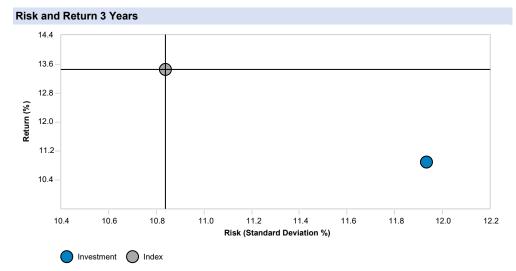
Historical Rolling	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
06/30/2021	5.83	24.80	13.46	12.22	7.97
03/31/2021	2.62	32.76	12.01	11.41	7.82
12/31/2020	8.86	15.05	10.93	11.17	7.79
09/30/2020	5.57	11.87	9.30	10.16	7.50
06/30/2020	12.58	7.48	8.57	8.10	7.34
03/31/2020	-11.07	-1.18	5.32	5.48	6.90
12/31/2019	5.85	21.30	11.14	8.31	7.50
09/30/2019	1.42	5.92	9.35	7.61	7.32
06/30/2019	3.52	8.88	9.88	7.36	7.34
03/31/2019	9.15	7.10	9.37	7.45	7.26
12/31/2018	-7.57	-2.17	6.77	5.94	6.94
09/30/2018	4.25	10.20	11.05	8.83	7.38
06/30/2018	1.83	9.37	8.04	8.76	7.27
03/31/2018	-0.31	10.36	7.26	8.43	7.27
12/31/2017	4.13	15.70	7.89	9.63	7.37
09/30/2017	3.47	12.01	7.33	8.88	7.26
06/30/2017	2.76	11.40	6.21	9.08	7.18
03/31/2017	4.52	10.68	6.60	8.22	7.13
12/31/2016	0.80	7.52	5.64	8.79	6.99
09/30/2016	2.91	10.94	7.34	10.11	7.04
06/30/2016	2.09	3.51	7.70	7.72	6.98
03/31/2016	1.54	1.02	7.06	7.49	6.96
12/31/2015	4.01	0.96	8.38	7.90	6.97
09/30/2015	-3.98	-0.51	7.19	8.19	6.85
06/30/2015	-0.37	3.89	10.22	10.87	7.16
03/31/2015	1.48	8.36	9.91	9.58	7.27
12/31/2014	2.49	8.61	11.97	10.01	7.29
09/30/2014	0.26	12.06	13.62	10.22	7.25
06/30/2014	3.91	16.15	10.49	12.53	7.33
03/31/2014	1.71	12.10	9.45	14.06	7.21
12/31/2013	5.75	16.11	10.08	12.12	7.21
09/30/2013	3.92	10.45	9.97	8.11	6.99
06/30/2013	0.29	10.95	11.56	5.86	6.86
03/31/2013	5.34	9.31	9.16	5.47	6.94
12/31/2012	0.60	11.34	8.52	3.31	6.72
09/30/2012	4.39	18.49	9.54	3.03	6.79
06/30/2012	-1.19	4.68	11.87	2.64	6.62
03/31/2012	7.29	6.99	16.36	3.61	6.80
12/31/2011	7.07	3.19	11.08	2.36	6.44
09/30/2011	-7.78	1.60	4.10	1.85	6.09

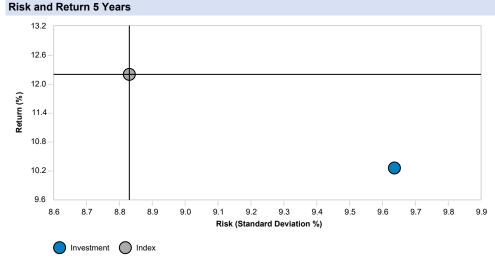


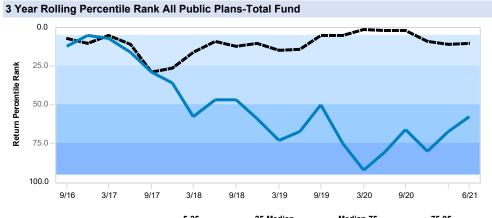


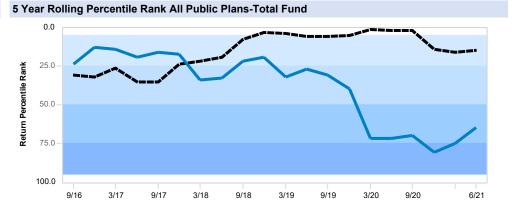
Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.89	11.93	0.81	97.57	10	117.32	2
Index	13.46	10.84	1.09	100.00	10	100.00	2

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	10.26	9.64	0.94	96.09	17	114.66	3
Index	12.22	8.83	1.21	100.00	17	100.00	3





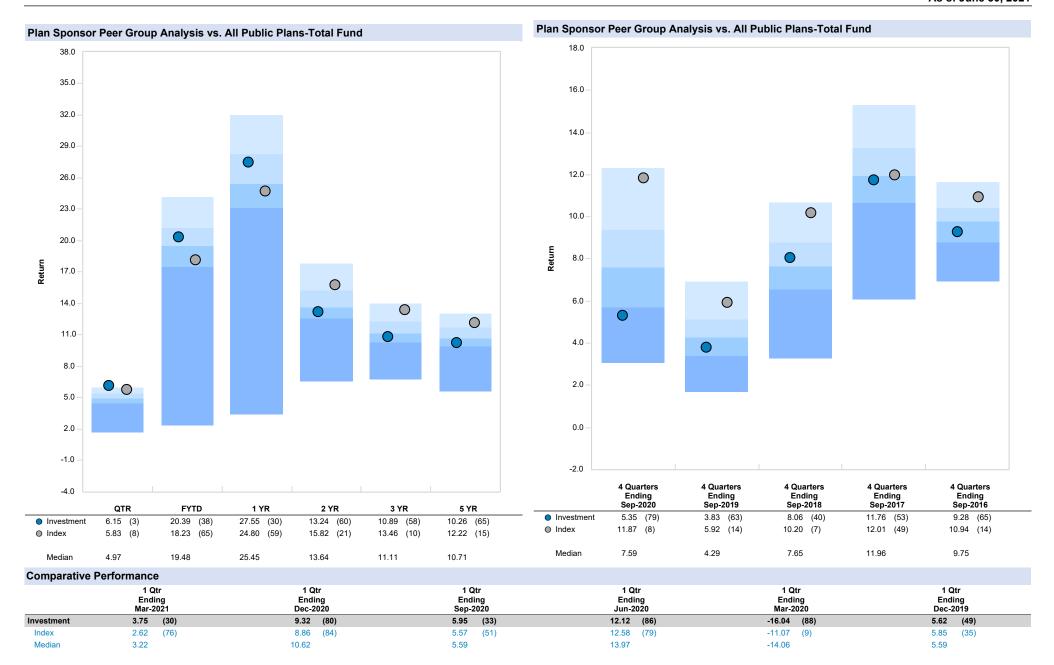




	Total Period	5-25 Count			25-Median Count		ın-75 ınt	75-95 Count		
Investment	20	4	(20%)	5	(25%)	8	(40%)	3	(15%)	
Index	20	18	(90%)	2	(10%)	0	(0%)	0	(0%)	

	Total Period	5-2 Cou		25-Me Cou		Media		Cou		
Investment	20	8	(40%)	6	(30%)	5	(25%)	1	(5%)	
Index	20	15	(75%)	5	(25%)	0	(0%)	0	(0%)	





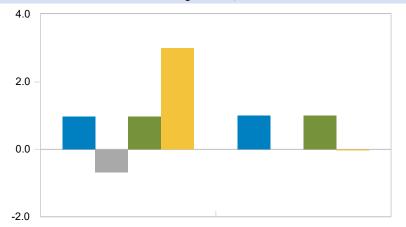


Risk / Reward Historical Statistics 3 Years Ending June 30, 2021



	Total Fund Composite	Total Fund Policy Index	
Alpha	-3.65	0.00	
■ Beta	1.12	1.00	
Sharpe Ratio	0.69	0.94	
Treynor Ratio	0.09	0.12	

Index Relative Historical Statistics 3 Years Ending June 30, 2021



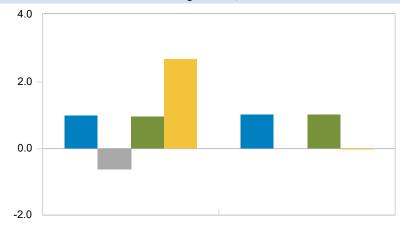
	Total Fund Composite	Total Fund Policy Index
Actual Correlation	0.98	1.00
Information Ratio	-0.69	N/A
R-Squared	0.97	1.00
Tracking Error	3.00	0.00

Risk / Reward Historical Statistics 5 Years Ending June 30, 2021



	Total Fund Composite	Total Fund Policy Index
Alpha	-2.90	0.00
■ Beta	1.11	1.00
Sharpe Ratio	0.80	1.06
Treynor Ratio	0.09	0.11

Index Relative Historical Statistics 5 Years Ending June 30, 2021



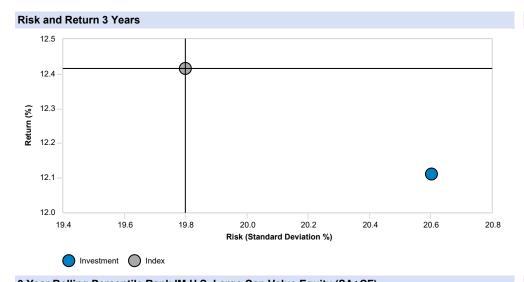
	Total Fund Composite	Total Fund Policy Index
Actual Correlation	0.98	1.00
Information Ratio	-0.61	N/A
R-Squared	0.96	1.00
Tracking Error	2.68	0.00

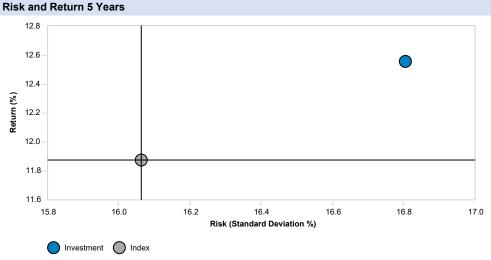
Benchmark: Total Fund Policy Index

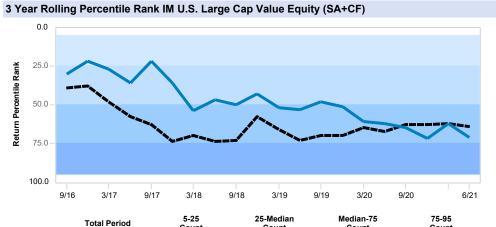


Historical Statistics 3 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	12.11	20.60	0.59	103.73	10	106.91	2	
Index	12.42	19.80	0.62	100.00	10	100.00	2	

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	12.56	16.80	0.72	106.61	17	107.30	3
Index	11.87	16.06	0.71	100.00	17	100.00	3







Count

8 (40%)

3 (15%)

Count

10 (50%)

17 (85%)

Count

0 (0%)

0 (0%)

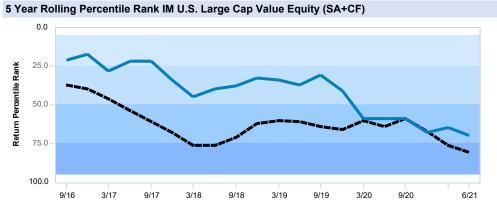
Count

2 (10%)

0 (0%)

20

20

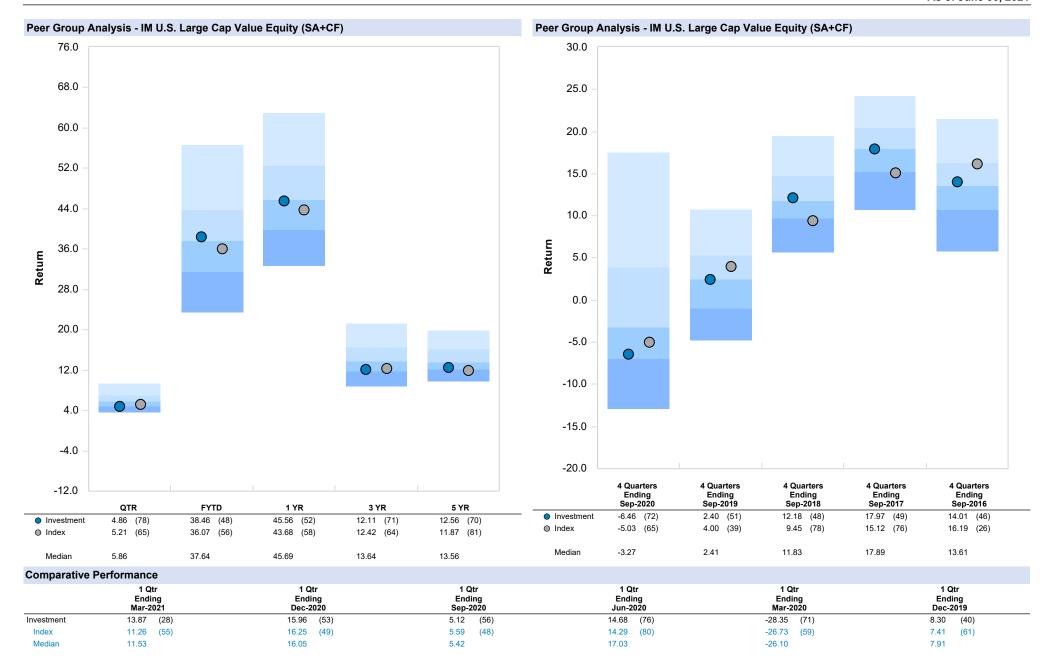


	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	4 (20%)	10 (50%)	6 (30%)	0 (0%)
Index	20	0 (0%)	3 (15%)	13 (65%)	4 (20%)



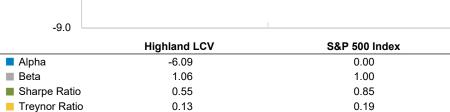
Investment

__ Index

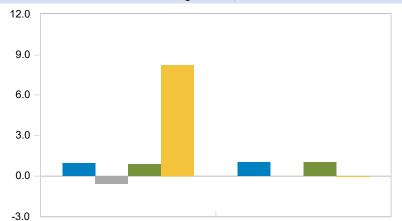




Risk / Reward Historical Statistics 3 Years Ending June 30, 2021 3.0 -3.0 -6.0

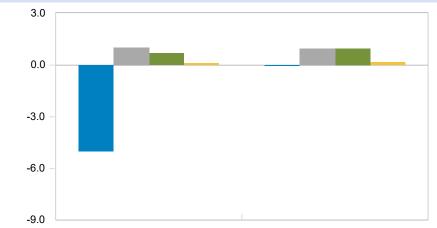


Index Relative Historical Statistics 3 Years Ending June 30, 2021



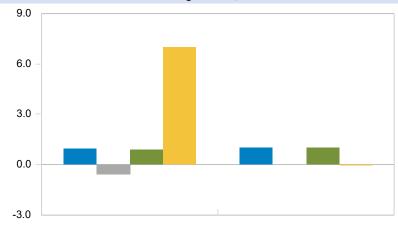
	Highland LCV	S&P 500 Index
Actual Correlation	0.94	1.00
Information Ratio	-0.61	N/A
R-Squared	0.89	1.00
Tracking Error	8.26	0.00

Risk / Reward Historical Statistics 5 Years Ending June 30, 2021



	Highland LCV	S&P 500 Index
Alpha	-5.02	0.00
■ Beta	1.06	1.00
Sharpe Ratio	0.66	0.99
Treynor Ratio	0.12	0.17

Index Relative Historical Statistics 5 Years Ending June 30, 2021



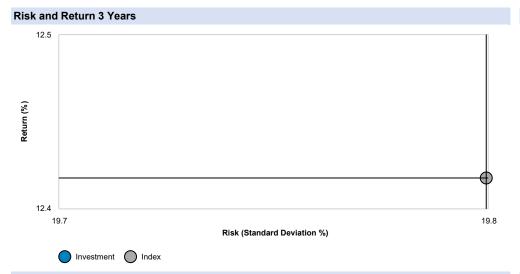
	Highland LCV	S&P 500 Index
Actual Correlation	0.93	1.00
Information Ratio	-0.57	N/A
R-Squared	0.87	1.00
Tracking Error	6.99	0.00

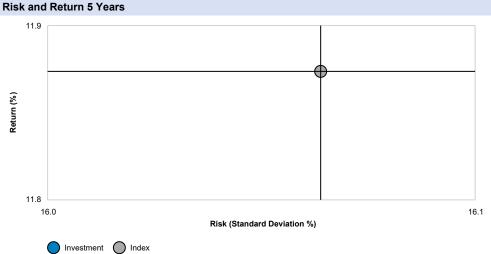
Benchmark: S&P 500 Index

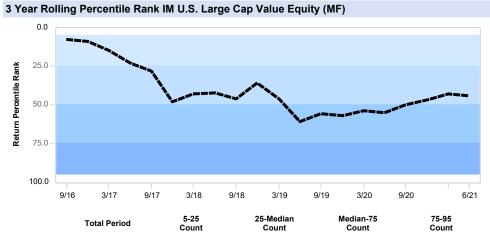


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	12 42	19.80	0.62	100.00	10	100.00	2

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Index	11.87	16.06	0.71	100.00	17	100.00	3			







11 (55%)

5 (25%)

0 (0%)

4 (20%)

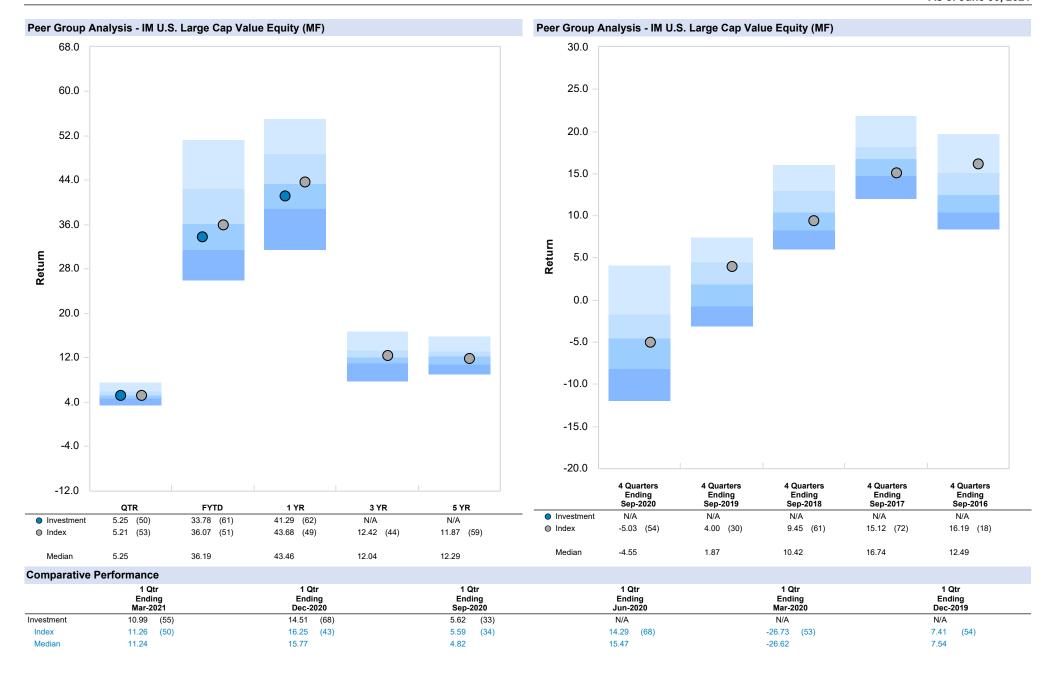


	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	0	0	0	0	0
Index	20	5 (25%)	14 (70%)	1 (5%)	0 (0%)

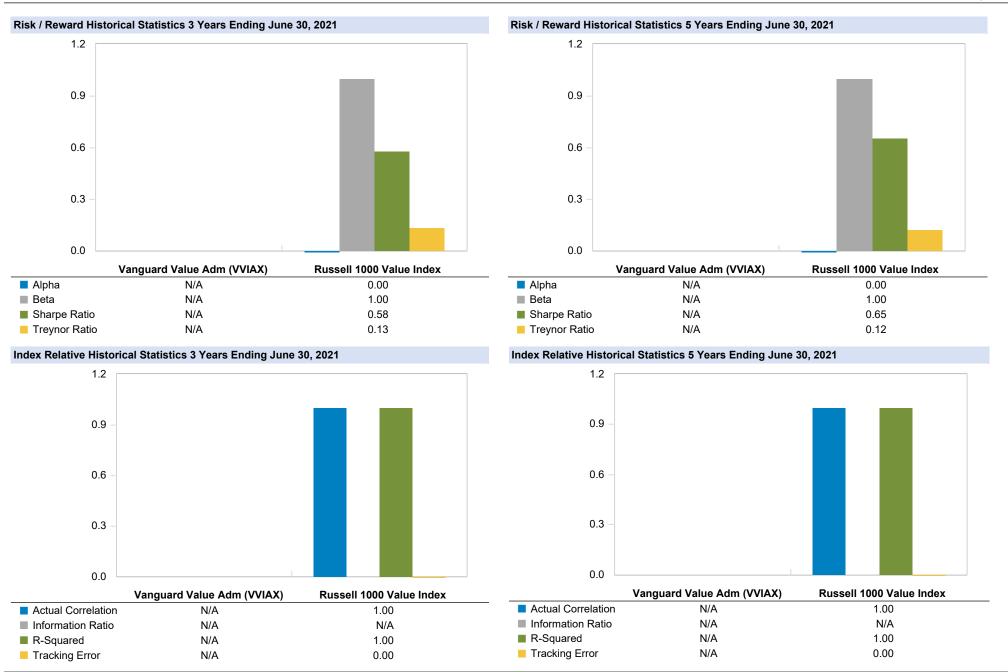


Investment

0 20





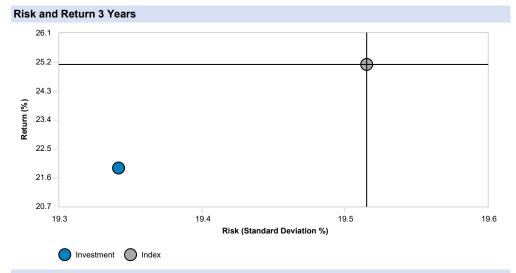


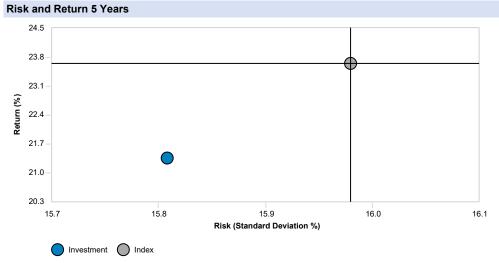
Benchmark: Russell 1000 Value Index



Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	21.90	19.34	1.05	94.39	10	102.03	2
Index	25 14	19.52	1 18	100.00	10	100.00	2

Historical Stati	Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	21.37	15.81	1.23	95.17	18	102.01	2				
Index	23.66	15.98	1.34	100.00	18	100.00	2				







5 Y	ear Ro	olling Pe	ercentile	Rank IM	U.S. La	rge Cap	Growth E	quity (S	A+CF)			
	0.0											7
¥	25.0 -											
centile Ra	50.0-				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	****************	~~~~				1	
Return Percentile Rank	75.0	_	<u></u>	<u> </u>								
	100.0											
	100.0	9/16	3/17	9/17	3/18	9/18	3/19	9/19	3/20	9/20	6/2	1

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	0 (0%)	14 (70%)	6 (30%)	
Index	20	1 (5%)	19 (95%)	0 (0%)	0 (0%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	0 (0%)	10 (50%)	10 (50%)
Index	20	1 (5%)	19 (95%)	0 (0%)	0 (0%)





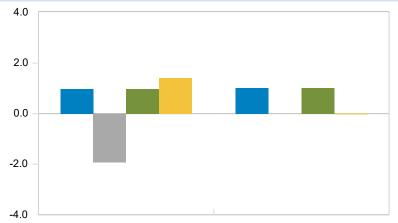


Risk / Reward Historical Statistics 3 Years Ending June 30, 2021



	Highland LCG	Russell 1000 Growth Index
Alpha	-2.68	0.00
■ Beta	1.00	1.00
Sharpe Ratio	0.91	1.03
Treynor Ratio	0.22	0.24

Index Relative Historical Statistics 3 Years Ending June 30, 2021



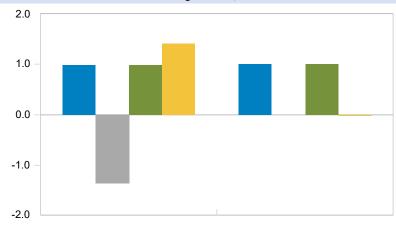
	Highland LCG	Russell 1000 Growth Index
Actual Correlation	1.00	1.00
Information Ratio	-1.91	N/A
R-Squared	1.00	1.00
Tracking Error	1.43	0.00

Risk / Reward Historical Statistics 5 Years Ending June 30, 2021



	Highland LCG	Russell 1000 Growth Index
■ Alpha	-1.82	0.00
■ Beta	0.99	1.00
Sharpe Ratio	1.09	1.19
Treynor Ratio	0.20	0.22

Index Relative Historical Statistics 5 Years Ending June 30, 2021



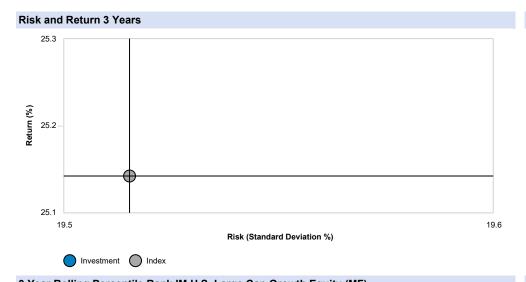
	Highland LCG	Russell 1000 Growth Index
Actual Correlation	1.00	1.00
Information Ratio	-1.37	N/A
R-Squared	0.99	1.00
Tracking Error	1.43	0.00

Benchmark: Russell 1000 Growth Index

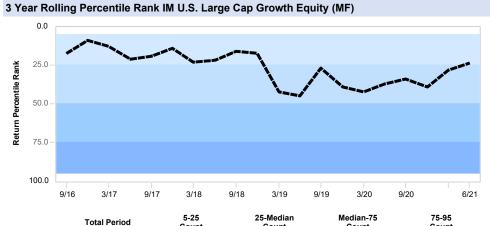


Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
Index	25.14	19.52	1.18	100.00	10	100.00	2				

Historical Statistics 5 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
Index	23.66	15.98	1.34	100.00	18	100.00	2				







Count

9 (45%)

Count

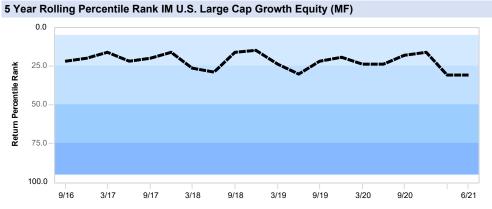
0 (0%)

Count

0 (0%)

Count

11 (55%)



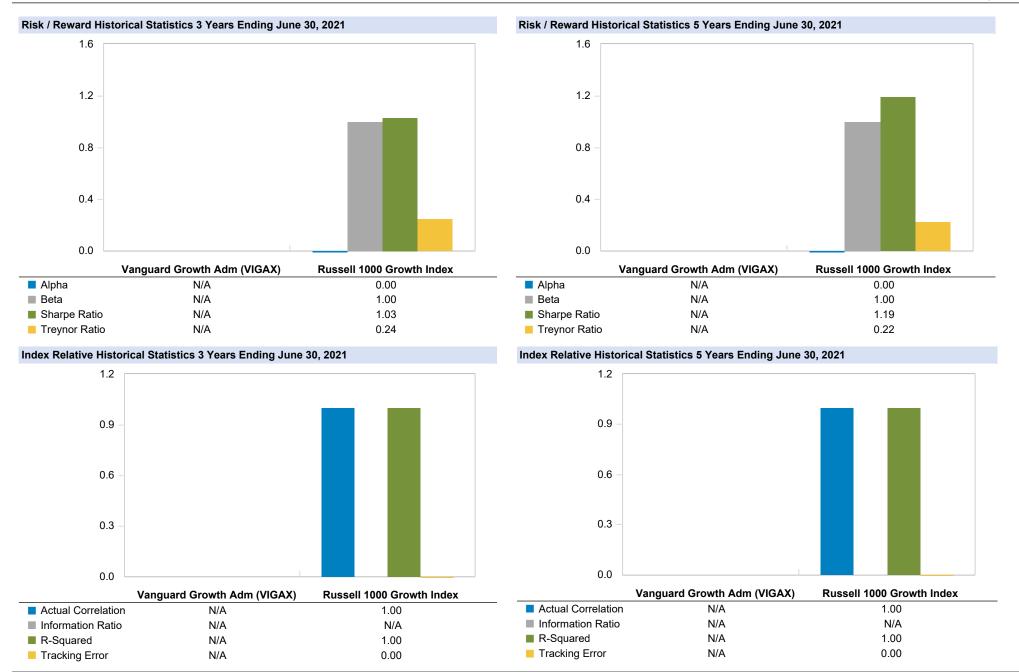
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	15 (75%)	5 (25%)	0 (0%)	0 (0%)	



Investment





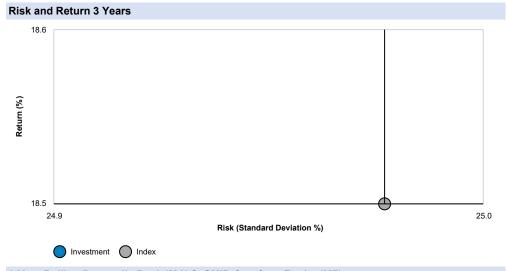


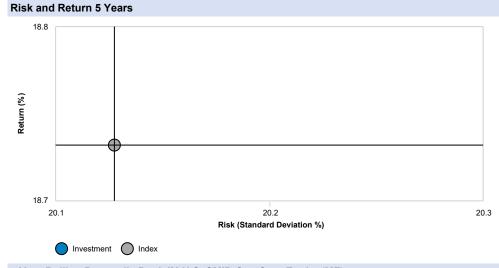
Benchmark: Russell 1000 Growth Index

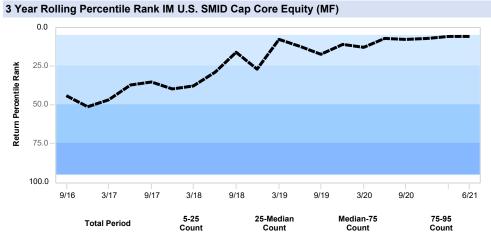


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	18.50	24.98	0.75	100.00	9	100.00	3

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	18.73	20.13	0.90	100.00	17	100.00	3			







11 (55%)

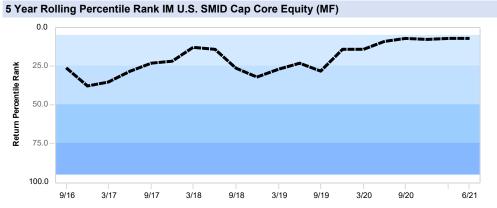
Count

8 (40%)

Count

1 (5%)

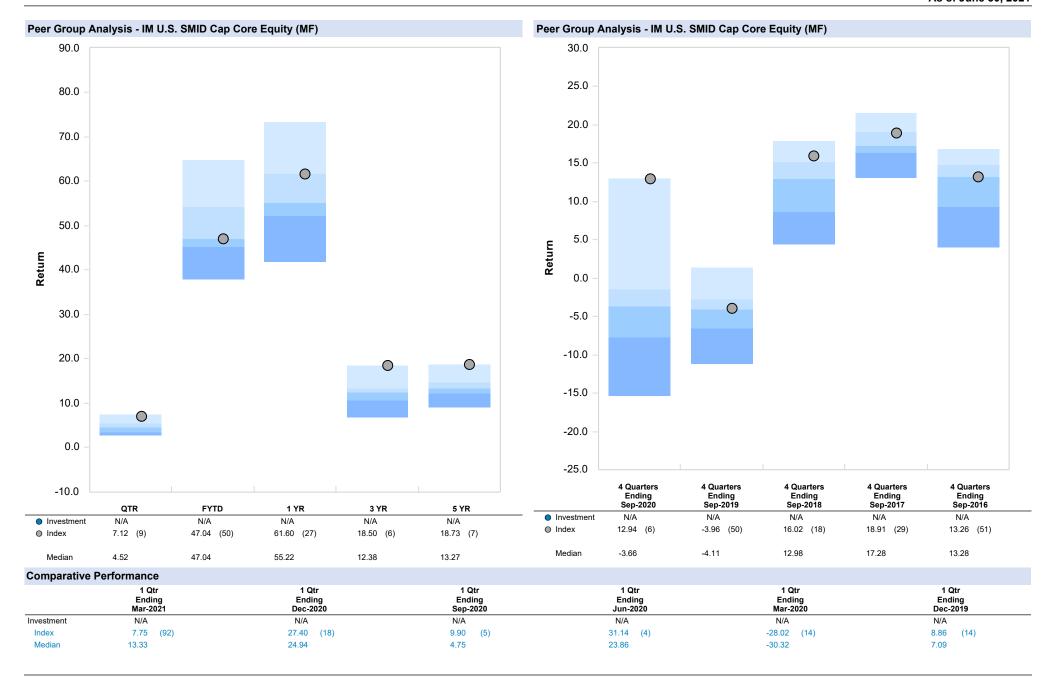
0 (0%)



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



Investment

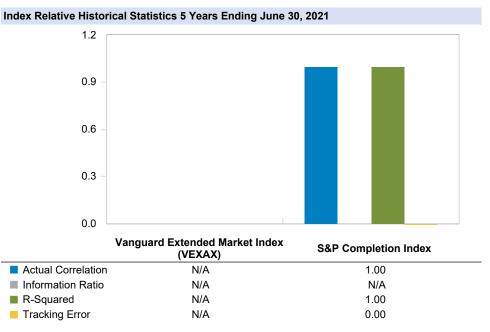






Risk / Reward Historical Statistics 5 Years Ending June 30, 2021 1.2 0.9 0.6 0.3 0.0 Vanguard Extended Market Index **S&P Completion Index** (VEXAX) Alpha N/A 0.00 Beta N/A 1.00 N/A 0.78 Sharpe Ratio Treynor Ratio N/A 0.20

1.2 0.9 0.6 0.3 0.0 **Vanguard Extended Market Index S&P Completion Index** (VEXAX) Actual Correlation N/A 1.00 ■ Information Ratio N/A N/A R-Squared N/A 1.00 Tracking Error N/A 0.00

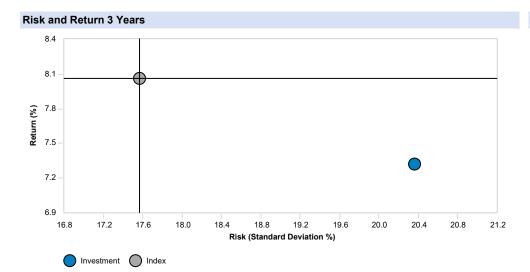


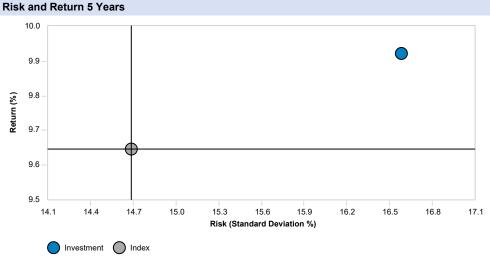
Benchmark: S&P Completion Index

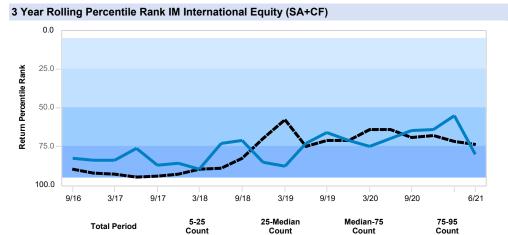


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.33	20.36	0.38	106.81	9	110.76	3
Index	8.06	17.56	0.45	100.00	9	100.00	3

Historical Statistics 5 Years									
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		
Investment	9.92	16.58	0.58	105.42	15	105.45	5		
Index	9.65	14.68	0.62	100.00	14	100.00	6		







0 (0%)

0 (0%)

0 (0%)

10 (50%)

11 (55%)

10 (50%)

9 (45%)



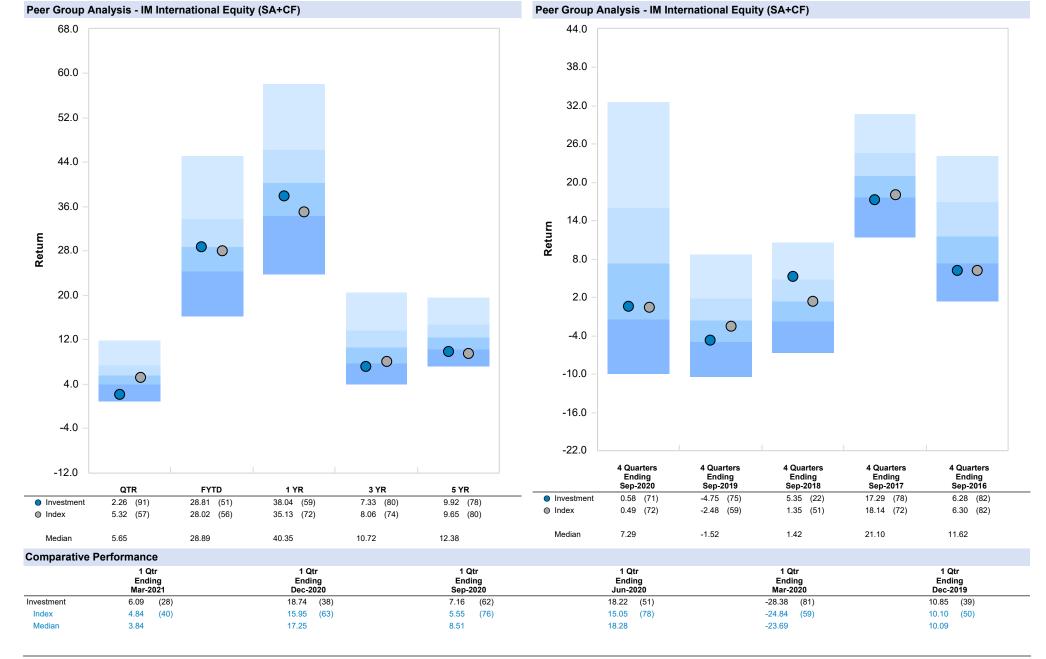
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	0 (0%)	6 (30%)	14 (70%)
Index	20	0 (0%)	0 (0%)	0 (0%)	20 (100%)



Investment

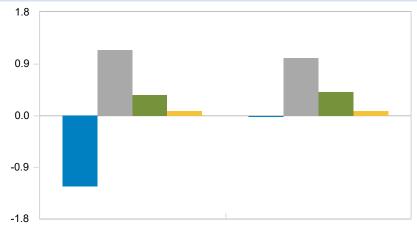
__ Index

20



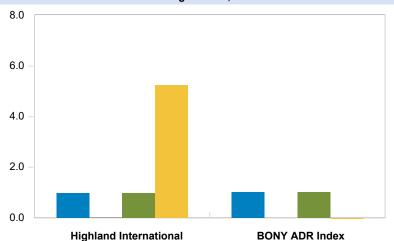


Risk / Reward Historical Statistics 3 Years Ending June 30, 2021

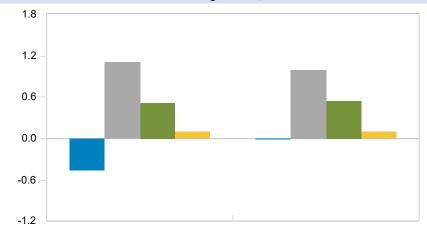


	Highland International	BONY ADR Index
Alpha	-1.22	0.00
■ Beta	1.14	1.00
Sharpe Ratio	0.36	0.41
Treynor Ratio	0.08	0.09

Index Relative Historical Statistics 3 Years Ending June 30, 2021

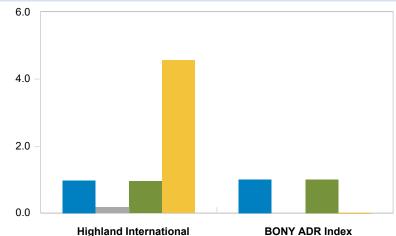


Risk / Reward Historical Statistics 5 Years Ending June 30, 2021



	Highland International	BONY ADR Index
Alpha	-0.46	0.00
■ Beta	1.11	1.00
Sharpe Ratio	0.52	0.55
Treynor Ratio	0.10	0.10

Index Relative Historical Statistics 5 Years Ending June 30, 2021



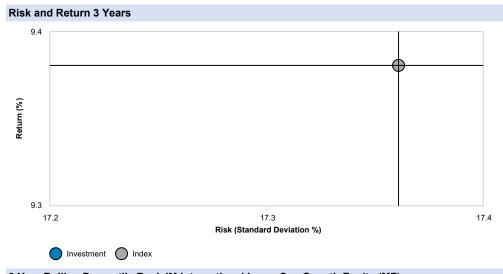
	riigilialiu liiterilatioliai	DON'I ADIN'IIIU
Actual Correlation	0.98	1.00
Information Ratio	0.17	N/A
R-Squared	0.96	1.00
Tracking Error	4.57	0.00

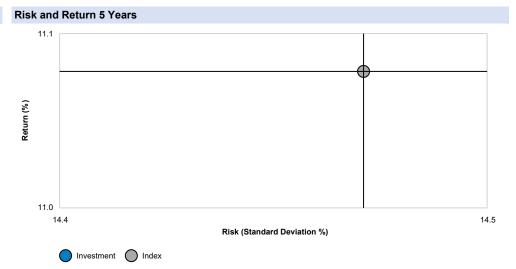
Benchmark: BONY ADR Index



Historical Stati	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	9.38	17.36	0.53	100.00	9	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	11.08	14.47	0.72	100.00	14	100.00	6		







3 (15%)

10 (50%)

6 (30%)

1 (5%)

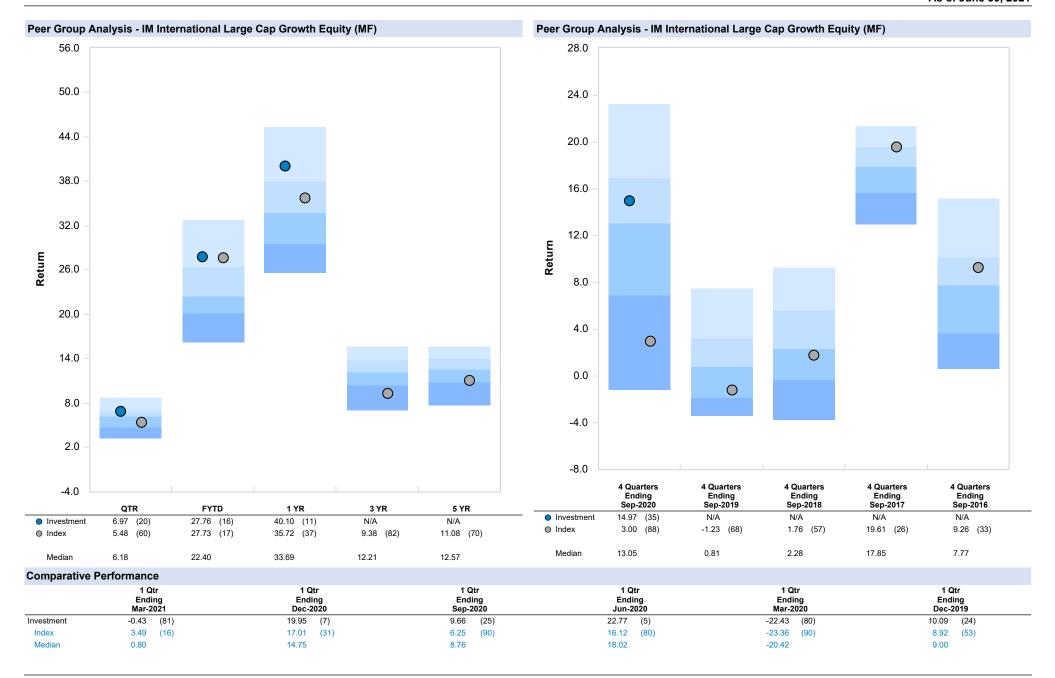


	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	1 (5%)	16 (80%)	3 (15%)	

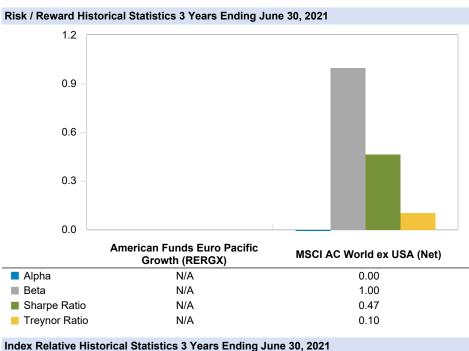


Investment

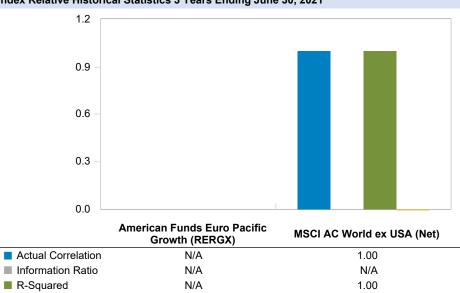
__ Index





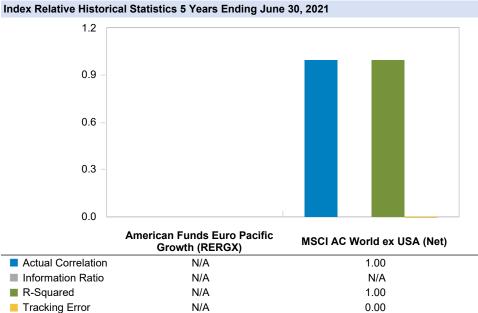


Risk / Reward Historical Statistics 5 Years Ending June 30, 2021 1.2 0.9 0.6 0.3 0.0 **American Funds Euro Pacific** MSCI AC World ex USA (Net) Growth (RERGX) Alpha N/A 0.00 Beta N/A 1.00 N/A 0.63 Sharpe Ratio Treynor Ratio N/A 0.11



0.00

N/A



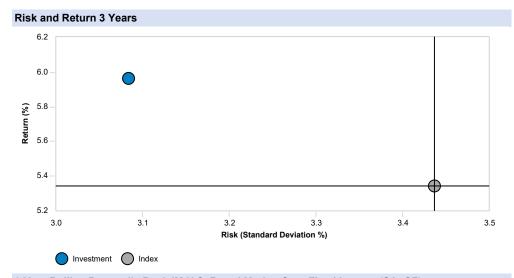
Benchmark: MSCI AC World ex USA (Net)

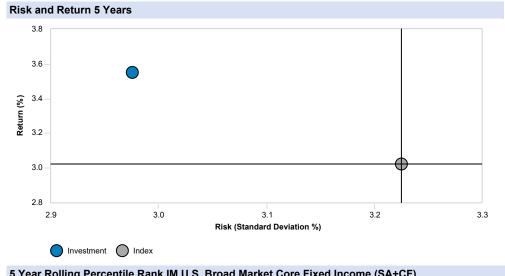
Tracking Error



Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.96	3.08	1.47	97.02	11	67.46	1
Index	5.34	3 44	1 17	100.00	11	100.00	1

Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.55	2.98	0.81	97.37	16	77.15	4
Index	3.03	3.23	0.59	100.00	16	100.00	4





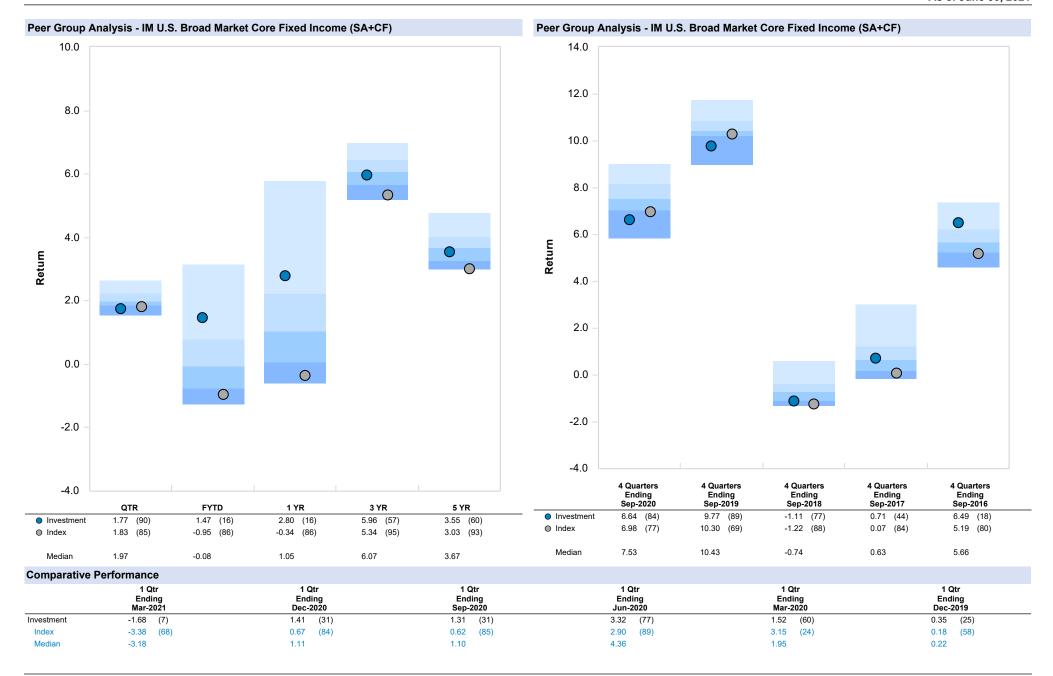


5 Y 6	ear Ro	iling Pe	ercentile	Rank IIVI	U.S. Bro	oad Mark	et Core i	rixea inc	come (SA	(+CF)	
	0.0										
le Rank	25.0 –										
Percenti	50.0 –										^
Return Percentile Rank	75.0 —										
	100.0	9/16	3/17	9/17	3/18	9/18	3/19	9/19	3/20	9/20	6/21

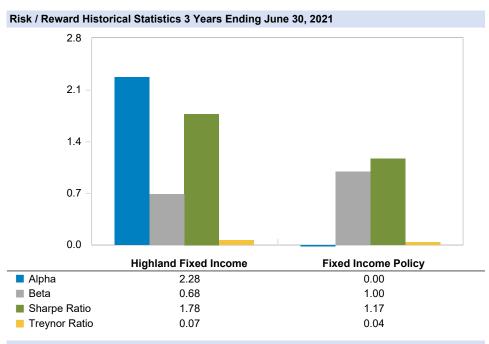
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	8 (40%)	7 (35%)	5 (25%)	
Index	20	0 (0%)	1 (5%)	0 (0%)	19 (95%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	0 (0%)	14 (70%)	6 (30%)	
Index	20	0 (0%)	0 (0%)	1 (5%)	19 (95%)	

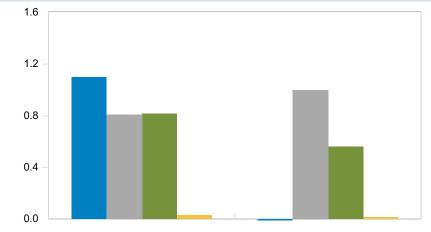






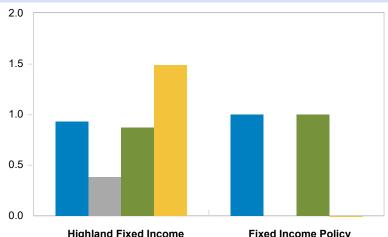


Risk / Reward Historical Statistics 5 Years Ending June 30, 2021



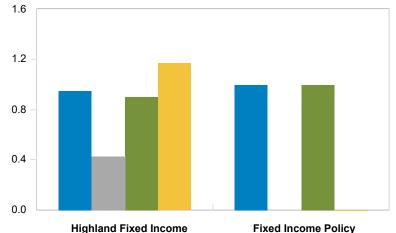
Highland Fixed Income	Fixed Income Policy
1.10	0.00
0.80	1.00
0.82	0.56
0.03	0.02
	1.10 0.80 0.82

Index Relative Historical Statistics 3 Years Ending June 30, 2021



0.0		
	Highland Fixed Income	Fixed Income Policy
Actual Correlation	0.93	1.00
Information Ratio	0.38	N/A
R-Squared	0.87	1.00
Tracking Error	1.49	0.00

Index Relative Historical Statistics 5 Years Ending June 30, 2021



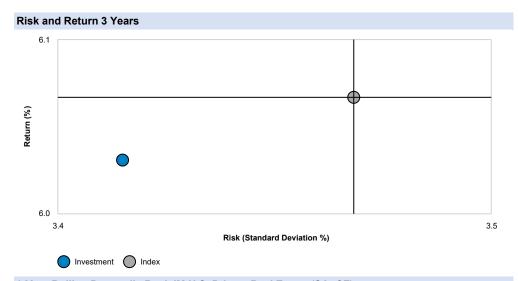
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Actual Correlation	0.95	1.00
Information Ratio	0.42	N/A
R-Squared	0.90	1.00
Tracking Error	1.17	0.00

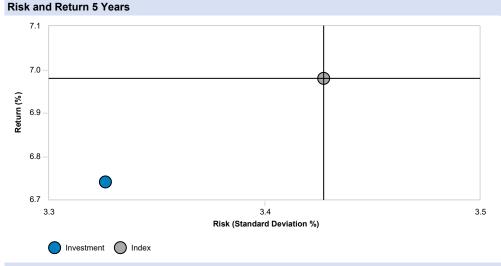
Benchmark: Fixed Income Policy

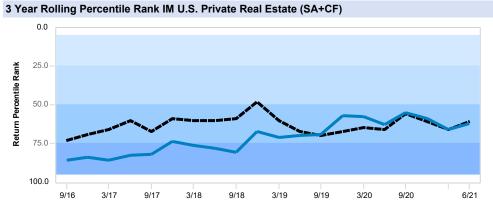


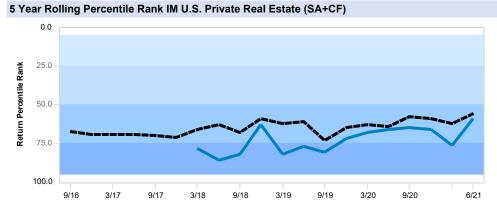
Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	6.03	3.41	1.35	99.21	10	96.65	2				
Index	6.07	3.47	1.33	100.00	11	100.00	1				

Historical Statistics 5 Years												
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters					
Investment	6.74	3.33	1.64	96.67	18	96.65	2					
Index	6.98	3.43	1.65	100.00	19	100.00	1					









	Total Period		Total Period 5-25 Count		25-Median Count	Median-75 Count	75-95 Count		
Investment	20	0 (0%)	0 (0%)	12 (60%)	8 (40%)				
Index	20	0 (0%)	1 (5%)	19 (95%)	0 (0%)				

	Total Period 5-25 Count		Count	Count	75-95 Count	
Investment	14	0 (0%)	0 (0%)	7 (50%)	7 (50%)	
Index	20	0 (0%)	0 (0%)	20 (100%)	0 (0%)	







	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Highland LCV	0.50	4,087,496	20,437	0.50 % of Assets
Highland LCG	0.50	4,513,666	22,568	0.50 % of Assets
Highland International	0.50	1,644,032	8,220 2,032	0.50 % of Assets
Vanguard Value Adm (VVIAX)	0.05	4,064,900		0.05 % of Assets
Vanguard Growth Adm (VIGAX)	0.05	4,548,726	2,274	0.05 % of Assets
Vanguard Extended Market Index (VEXAX)	0.06	1,720,347	1,032	0.06 % of Assets
American Funds Euro Pacific Growth (RERGX)	0.49	1,854,344	9,086	0.49 % of Assets
Highland Fixed Income	0.25	8,524,861	21,312	0.25 % of Assets
ARA Core Property Fund	1.10	2,897,938	31,877	1.10 % of Assets
R&D Cash		27,484	-	
Total Fund Composite	0.35	33,883,793	118,841	



Weight (%)

100.00

83.33 16.67

Total Policy Historical Hybrid Composition		Total Equity Historical Hybrid Composition
Allocation Mandate	Weight (%)	Allocation Mandate
Jan-1978		Jan-1926
S&P 500 Index	50.00	S&P 500 Index
Blmbg. Barc. U.S. Gov't/Credit	40.00	
FTSE 3 Month T-Bill	10.00	Jan-2008
		S&P 500 Index
Jul-2001		BONY ADR Index
S&P 500 Index	60.00	
Blmbg. Barc. U.S. Gov't/Credit	40.00	Dec-2015
		S&P 500 Index
Jan-2008		BONY ADR Index
S&P 500 Index	50.00	Russell 1000 Growth Index
Blmbg. Barc. U.S. Aggregate Index	40.00	A :: :: 0000
BONY ADR Index	10.00	Apr-2020 BONY ADR Index
0-4-0045		
Oct-2015	40.00	Russell 1000 Growth Index
S&P 500 Index	40.00	Russell 1000 Value Index
Blmbg. Barc. U.S. Aggregate Index	30.00	MSCI AC World ex USA (Net)
BONY ADR Index	10.00	
NCREIF Fund Index-Open End Diversified Core (EW)	10.00	
Russell 1000 Growth Index	10.00	
Apr-2020		
Russell 1000 Value Index	25.00	
MSCI AC World ex USA (Net)	5.00	Total Fixed Income Historical Hybrid Composition
BONY ADR Index	5.00	Allocation Mandate
NCREIF Fund Index-Open End Diversified Core (EW)	10.00	Oct-1995
Russell 1000 Growth Index	25.00	Blmbg. Barc. U.S. Gov't/Credit
Blmbg. Barc. U.S. Aggregate Index	30.00	
		Jan-2008

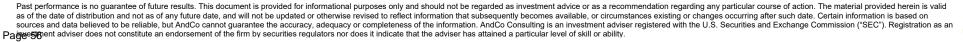
Dec-2015 S&P 500 Index BONY ADR Index Russell 1000 Growth Index	66.67 16.67 16.66
Apr-2020 BONY ADR Index Russell 1000 Growth Index Russell 1000 Value Index MSCI AC World ex USA (Net)	8.33 41.67 41.67 8.33
Total Fixed Income Historical Hybrid Composition	
Allocation Mandate	Weight (%)
Oct-1995 Blmbg. Barc. U.S. Gov't/Credit	100.00
Jan-2008 Blmbg. Barc. U.S. Aggregate Index	100.00



Annual Asset Class Performance

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD
Best	MSCI EM (Net) 39.4 %	BB US Aggregate 5.2 %	MSCI EM (Net) 78.5 %	Russell 2000 Growth 29.1 %	NCREIF ODCE- EW (Net) 15.0 %	MSCI EM (Net) 18.2 %	Russell 2000 Growth 43.3 %	S&P 500 13.7 %	NCREIF ODCE- EW (Net) 14.2 %	Russell 2000 Value 31.7 %	MSCI EM (Net) 37.3 %	NCREIF ODCE- EW (Net) 7.3 %	Russell 1000 Growth 36.4 %	Russell 1000 Growth 38.5 %	Russell 2000 Value 26.7 %
	NCREIF ODCE- EW (Net) 15.0 %	BB Global Agg Ex USD 4.4 %	BB US Corp High Yield 58.2 %	Russell 2000 26.9 %	BB US Aggregate 7.8 %	Russell 2000 Value 18.1 %	Russell 2000 38.8 %	Russell 1000 Value 13.5 %	Russell 1000 Growth 5.7 %	Russell 2000 21.3 %	Russell 1000 Growth 30.2 %	BB US Aggregate 0.0 %	S&P 500 31.5 %	Russell 2000 Growth 34.6 %	Russell 2000 17.5 %
	Russell 1000 Growth 11.8 %	NCREIF ODCE- EW (Net) -11.1 %	Russell 1000 Growth 37.2 %	Russell 2000 Value 24.5 %	BB US Corp High Yield 5.0 %	Russell 1000 Value 17.5 %	Russell 2000 Value 34.5 %	Russell 1000 Growth 13.1 %	S&P 500 1.4 %	Russell 1000 Value 17.3 %	MSCI EAFE (Net) 25.0 %	Russell 1000 Growth -1.5 %	Russell 2000 Growth 28.5 %	Russell 2000 20.0 %	Russell 1000 Value 17.0 %
	MSCI EAFE (Net) 11.2 %	BB US Corp High Yield -26.2 %	Russell 2000 Growth 34.5 %	MSCI EM (Net) 18.9 %	BB Global Agg Ex USD 4.4 %	MSCI EAFE (Net) 17.3 %	Russell 1000 Growth 33.5 %	NCREIF ODCE- EW (Net) 11.4 %	BB US Aggregate 0.5 %	BB US Corp High Yield 17.1 %	Russell 2000 Growth 22.2 %	BB US Corp High Yield -2.1 %	Russell 1000 Value 26.5 %	S&P 500 18.4 %	S&P 500 15.3 %
	BB Global Agg Ex USD 11.0 %	Russell 2000 Value -28.9 %	MSCI EAFE (Net) 31.8 %	Russell 1000 Growth 16.7 %	Russell 1000 Growth 2.6 %	Russell 2000 16.3 %	Russell 1000 Value 32.5 %	BB US Aggregate 6.0 %	MSCI EAFE (Net) -0.8 %	S&P 500 12.0 %	S&P 500 21.8 %	BB Global Agg Ex USD -2.1 %	Russell 2000 25.5 %	MSCI EM (Net) 18.3 %	Russell 1000 Growth 13.0 %
	Russell 2000 Growth 7.0 %	Russell 2000 -33.8 %	Russell 2000 27.2 %	Russell 1000 Value 15.5 %	S&P 500 2.1 %	S&P 500 16.0 %	S&P 500 32.4 %	Russell 2000 Growth 5.6 %	Russell 2000 Growth -1.4 %	Russell 2000 Growth 11.3 %	Russell 2000 14.6 %	S&P 500 -4.4 %	Russell 2000 Value 22.4 %	BB Global Agg Ex USD 10.1 %	Russell 2000 Growth 9.0 %
	BB US Aggregate 7.0 %	Russell 1000 Value -36.8 %	S&P 500 26.5 %	BB US Corp High Yield 15.1 %	Russell 1000 Value 0.4 %	BB US Corp High Yield 15.8 %	MSCI EAFE (Net) 22.8 %	Russell 2000 4.9 %	Russell 1000 Value -3.8 %	MSCI EM (Net) 11.2 %	Russell 1000 Value 13.7 %	Russell 1000 Value -8.3 %	MSCI EAFE (Net) 22.0 %	MSCI EAFE (Net) 7.8 %	MSCI EAFE (Net) 8.8 %
	S&P 500 5.5 %	S&P 500 -37.0 %	Russell 2000 Value 20.6 %	NCREIF ODCE- EW (Net) 15.1 %	Russell 2000 Growth -2.9 %	Russell 1000 Growth 15.3 %	NCREIF ODCE- EW (Net) 12.4 %	Russell 2000 Value 4.2 %	Russell 2000 -4.4 %	NCREIF ODCE- EW (Net) 8.4 %	BB Global Agg Ex USD 10.5 %	Russell 2000 Growth -9.3 %	MSCI EM (Net) 18.4 %	BB US Aggregate 7.5 %	MSCI EM (Net) 7.4 %
	BB US Corp High Yield 1.9 %	Russell 1000 Growth -38.4 %	Russell 1000 Value 19.7 %	S&P 500 15.1 %	Russell 2000 -4.2 %	Russell 2000 Growth 14.6 %	BB US Corp High Yield 7.4 %	BB US Corp High Yield 2.5 %	BB US Corp High Yield -4.5 %	Russell 1000 Growth 7.1 %	Russell 2000 Value 7.8 %	Russell 2000 -11.0 %	BB US Corp High Yield 14.3 %	BB US Corp High Yield 7.1 %	NCREIF ODCE- EW (Net) 6.3 %
	Russell 1000 Value -0.2 %	Russell 2000 Growth -38.5 %	BB Global Agg Ex USD 7.5 %	MSCI EAFE (Net) 7.8 %	Russell 2000 Value -5.5 %	NCREIF ODCE- EW (Net) 9.9 %	BB US Aggregate -2.0 %	MSCI EM (Net) -2.2 %	BB Global Agg Ex USD -6.0 %	BB US Aggregate 2.6 %	BB US Corp High Yield 7.5 %	Russell 2000 Value -12.9 %	BB US Aggregate 8.7 %	Russell 2000 Value 4.6 %	BB US Corp High Yield 3.6 %
Worst	Russell 2000 -1.6 %	MSCI EAFE (Net) -43.4 %	BB US Aggregate 5.9 %	BB US Aggregate 6.5 %	MSCI EAFE (Net) -12.1 %	BB US Aggregate 4.2 %	MSCI EM (Net) -2.6 %	BB Global Agg Ex USD -3.1 %	Russell 2000 Value -7.5 %	BB Global Agg Ex USD 1.5 %	NCREIF ODCE- EW (Net) 6.9 %	MSCI EAFE (Net) -13.8 %	NCREIF ODCE- EW (Net) 5.2 %	Russell 1000 Value 2.8 %	BB US Aggregate -1.6 %
Worst	Russell 2000 Value -9.8 %	MSCI EM (Net) -53.3 %	NCREIF ODCE- EW (Net) -31.3 %	BB Global Agg Ex USD 4.9 %	MSCI EM (Net) -18.4 %	BB Global Agg Ex USD 4.1 %	BB Global Agg Ex USD -3.1 %	MSCI EAFE (Net) -4.9 %	MSCI EM (Net) -14.9 %	MSCI EAFE (Net) 1.0 %	BB US Aggregate 3.5 %	MSCI EM (Net) -14.6 %	BB Global Agg Ex USD 5.1 %	NCREIF ODCE- EW (Net) 0.8 %	BB Global Agg Ex USD -4.4 %

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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