Investment Performance Review Period Ending March 31, 2023

Delray Beach General Employees Pension Fund

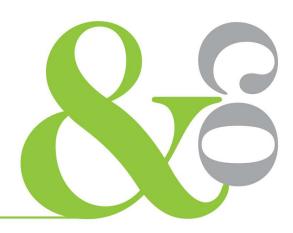


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1st Quarter 2023 Market Environment



The Economy

- US GDP growth is expected to wane in the coming quarters as the impact from higher interest rates continues to spread through the broader economy. The final measure of 1st quarter GDP was revised downward to 1.7%. Global GDP growth also remains challenged with higher energy prices continuing to act as a headwind, especially in Europe. China has fully reopened after almost three years of COVID-19 restrictions, which boosted estimates and performance for the region.
- The US Federal Reserve Bank (the Fed) continued to increase interest rates during the quarter with two successive 0.25% increases in the Fed Funds rate in January and February. While the Fed's policy remains hawkish on fighting high inflation, the press release from the February meeting took on a more dovish tone.
- The US labor market continues to show its resiliency, adding roughly 236 thousand jobs during the 1st quarter. As a result, the unemployment rate fell to 3.5% in March. Noticeably, the labor market is showing signs of declining growth which could soon signal an inflection point in economic output and the fight against inflation.
- The global banking sector came under duress in the 1st quarter of 2023, triggered by the second and third-largest regional bank failures in US history. The combination of aggressive Fed rate hikes and questionable capital deployment by Silicon Valley Bank led to a flurry of depositor withdrawals and rocked general confidence in the overall banking system.

Equity (Domestic and International)

- US equities moved broadly higher during the 1st quarter despite concerns regarding stubbornly high inflation, the potential for additional rate hikes, slowing global GDP growth, and shaken confidence in the global banking system. Large cap growth was the best performing domestic segment of the equity market during the period while small cap value performed the worst.
- International stocks also experienced strong returns during the 1st quarter. US Dollar (USD) and local currency (LCL) performance were both solid as the USD remained largely unchanged for the quarter. Non-US GDP growth, particularly in Europe, remained under pressure as restrictive central bank policies and elevated energy prices acted as a headwind. Finally, China's reopening from its restrictive COVID-19 policies is well underway and has proven to be a greater tailwind to the region than previously expected.

Fixed Income

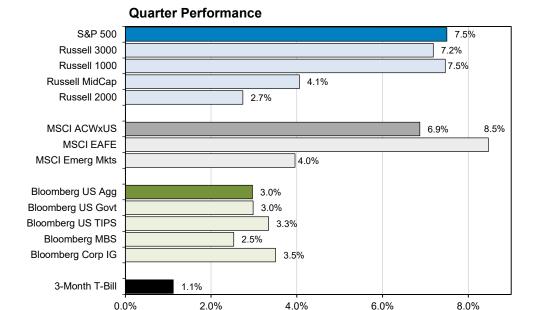
- While inflation continues to decline quarter-over-quarter, the Fed maintained their inflation-fighting policy stance, increasing interest rates twice, totaling 0.50%. Despite the short-term increases, yields beyond 1-year actually fell during the quarter with the bellwether US 10-Year Treasury bond closing March at 3.48%, 0.40% lower than year-end.
- Performance across domestic bond market sectors was positive during the quarter, led by corporate investment grade bonds. Global bonds slightly outperformed domestic fixed income for the quarter.
- A combination of higher coupons and narrower credit spreads were the primary drivers of lower quality corporate results during the period.
- US Treasury bonds rebounded this quarter as yields at longer maturities fell and investors fled to safety amidst troubles in the banking sector.

Market Themes

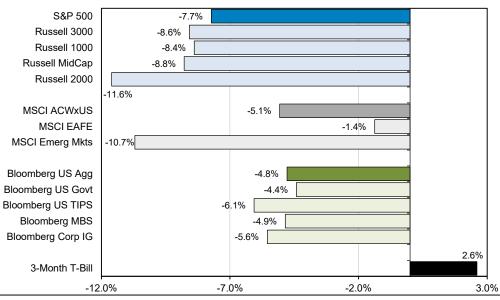
- Central banks remained vigilant in their fight against inflation with the Fed, the Bank of England, and the European Central Bank continuing on the path of raising interest rates during the quarter. However, recession fears and softening inflation readings led to a recovery in asset prices as market expectations grew there may be fewer, less drastic rate hikes going forward.
- The conflict in Ukraine continues as a major geopolitical event without a clear resolution in sight. Energy costs remain elevated, which continues to negatively impact the economic growth outlook for the region.
- Short-term interest rates rose across most developed markets as central banks continued to tighten. Despite concerns about the potential for slowing economic growth, lower-quality corporate bonds slightly outpaced higher-quality government bonds.
- Both US and international equity markets continued to recover from the disappointing year that was 2022 on expectations that inflation would continue to moderate and central banks would slow the pace of monetary tightening.



- Domestic equity markets started 2023 with solid results led by large cap companies, but each index remains negative over the trailing 1-year period. Factors contributing to the quarter's results include declining inflation readings, expectations the Fed would slow the pace of future interest rate increases, and China's economic reopening from its self-imposed COVID-19 restrictions. For the period, the S&P 500 large cap benchmark returned 7.5%, versus 4.1% for mid cap, and 2.7% for small cap benchmarks.
- Like domestic equities, international developed and emerging market equities delivered positive results for the 1st quarter. Europe continues to face headwinds from higher-than-expected inflation, elevated energy prices, geopolitical risks related to the conflict in Ukraine, and rising interest rates. Emerging markets benefited from China's return to the global economy. The developed market MSCI EAFE Index returned 8.5% for the quarter and the MSCI Emerging Markets Index rose by 4.0%.
- For the quarter, performance of the bond market was broadly positive due to lower inflation and falling yields beyond 1-year maturities. The Bloomberg (BB) US Aggregate Index returned 3.0% for the period while investment grade corporate bonds posted a moderately higher return of 3.5%.
- US equity markets were negative over the trailing 1-year period, though much of this weak performance occurred at the beginning of the timeframe and will continue to roll off in the coming quarters. The S&P 500 Index return of -7.7% for the year was largely driven by concerns related to rising inflation, tighter monetary policy, and recession fears. The weakest relative performance for the year was the Russell 2000 Index, which declined -11.6%.
- Over the trailing 1-year period, international markets also declined. The MSCI EAFE Index returned -1.4% while the MSCI Emerging Markets Index fell a much larger -10.7%. Continued concerns related to Ukraine, elevated inflation, and slowing global economic growth negatively impacted markets. However, USD weakness and easing energy prices acted as a tailwind to international performance in the second half of 2022.
- Bond markets followed a largely similar narrative to equities, finishing the trailing 1-year period in negative territory. While bond market performance was impacted by similar factors to equity market performance, the primary driver of results over the prior year was dramatically higher interest rates, which directly and immediately impact bond prices and index performance. US mortgage backed and Government issues were the least negative sectors returning 4.9% and -4.4%, respectively, for the year. US TIPS suffered the year's largest loss, falling -6.1%.



1-Year Performance

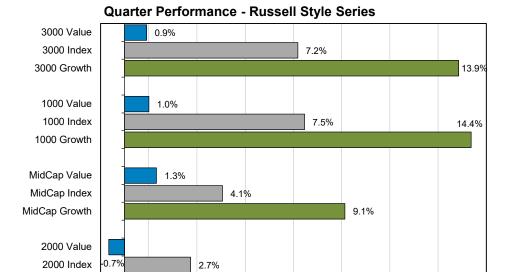


Source: Investment Metrics



- Domestic equity core benchmarks pulled back from their February highs, but each finished the quarter with solid, positive results. Concerns regarding the regional banking sector and the financial sector's large weight in the value benchmarks weighed heavily on style-based index performance. Large cap stocks led results for the capitalization-based benchmarks and finished well ahead of both the mid cap and small cap indices for the quarter. Growth benchmarks, with their lower weight in the financial sector and larger weight in the information technology sector, produced the quarter's strongest results at all capitalization levels. The Russell 1000 Growth Index topped the quarter, returning 14.4% followed by the Russell Mid Cap Growth Index and the Russell 2000 Growth Index, which rose by 9.1% and 6.1%, respectively.
- Large, mid, and small cap growth stocks each outperformed their value counterparts by a wide margin for the quarter. While it is only a single quarter, this performance reversed 2022's dominant trend of value-based benchmarks outpacing their growth counterparts. Large and mid cap stocks managed small, positive returns of 1.0% and 1.3%, respectively, for the quarter while the Russell 2000 Value Index fell -0.7%.

- The 1st quarter's positive performance was not enough to offset the challenging performance experienced by domestic equity markets during 2022. All market capitalizations and styles remain in sizable negative territory over the trailing 1-year period. Within large cap stocks, the Russell 1000 Value Index returned a disappointing -5.9% but was down much less than the Russell Large Cap Growth Index, which fell -10.9% for the year.
- Outside of large cap issues, 2023's strong 1st quarter growth benchmark results were enough to push growth results over their value equivalents at both mid and small cap levels for the year. The Russell Mid Cap Value Index returned -9.2% and the small cap Russell 2000 Value Index returned -13.0% for the period. The growth benchmark counterparts at both capitalization levels were each down less than value.



6.1%

7.0%

9.0%

11.0%

13.0%

15.0%

1-Year Performance - Russell Style Series

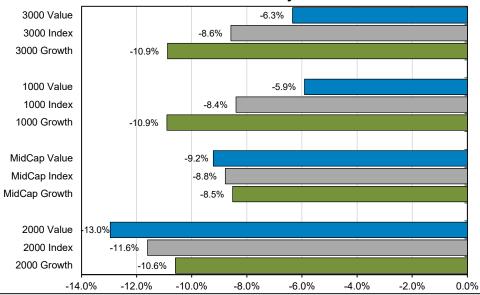
5.0%

3.0%

2000 Growth

-1.0%

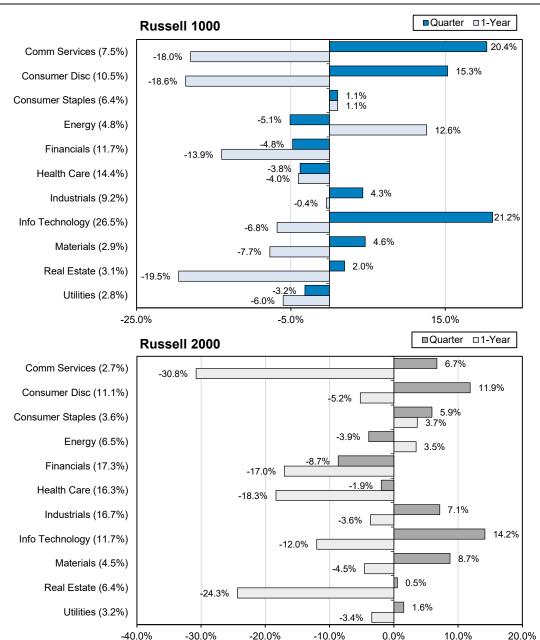
1.0%



Source: Investment Metrics



- Economic sector performance was mixed during the quarter. Seven of 11
 economic sectors posted positive absolute performance for the quarter but
 just three managed to outpace the return of the broad index.
- After a challenging 2022, the information technology sector rebounded during the quarter on hopes that inflation was softening, and that the Fed would soon end its rate hiking cycle. The sector returned an impressive 21.2% in the quarter. The other two sectors that outpaced the headline index's return for the quarter were communication services (20.4%) and consumer discretionary (15.3%). The energy (-5.1%), financials (-4.8%), health care (-3.8%), and utilities (-3.2%) sectors each posted negative performance for the quarter.
- Eight small cap economic sectors posted positive results during the quarter and six exceeded the 2.7% return of the broader Russell 2000 Index. The consumer discretionary (11.9%) and information technology (14.2%) sectors each posted double-digit gains for the quarter while the energy (-3.9%), financials (-8.7%), and health care (1.9%) sectors posted negative returns.
- For the full year, seven economic sectors exceeded the return of the broad large cap benchmark, but only the energy (12.6%) and consumer staples (1.1%) sectors managed to post positive performance for the period. The weakest economic sector in the Russell 1000 for the year was Real Estate, which declined by -19.5% and was heavily impacted by rising interest rates.
- Similar to large cap sector performance, for the trailing 1-year period only two small cap sectors were positive. Energy was the best performing sector followed by consumer staples, which posted returns of 3.5% and 3.7%, respectively. Four of the 11 economic sectors were down less than the broad small cap benchmark's return of -11.6%. The worst performing sector for the year was communication services with a return of -30.8%. However, the information technology (-12.0%), financials (-17.0%), health care (-18.3%), and real estate (-24.3%) sectors were also down significantly for the year.





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	6.5%	27.1%	-5.0%	Information Technology	
Microsoft Corp	5.7%	20.5%	-5.6%	Information Technology	
Amazon.com Inc	2.4%	23.0%	-36.6%	Consumer Discretionary	
NVIDIA Corp	1.7%	90.1%	1.9%	Information Technology	
Alphabet Inc Class A	1.6%	17.6%	-25.4%	Communication Services	
Berkshire Hathaway Inc Class B	1.5%	0.0%	-12.5%	Financials	
Alphabet Inc Class C	1.4%	17.2%	-25.5%	Communication Services	
Tesla Inc	1.4%	68.4%	-42.2%	Consumer Discretionary	
Meta Platforms Inc Class A	1.2%	76.1%	-4.7%	Communication Services	
Exxon Mobil Corp	1.2%	0.2%	37.5%	Energy	

	Top 10 Weighted Stocks						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
Iridium Communications Inc	0.3%	20.7%	53.9%	Communication Services			
ShockWave Medical Inc	0.3%	5.5%	4.6%	Health Care			
EMCOR Group Inc	0.3%	9.9%	45.0%	Industrials			
Crocs Inc	0.3%	16.6%	65.5%	Consumer Discretionary			
Texas Roadhouse Inc	0.3%	19.4%	31.8%	Consumer Discretionary			
Saia Inc	0.3%	29.8%	11.6%	Industrials			
Inspire Medical Systems Inc	0.3%	-7.1%	-8.8%	Health Care			
RBC Bearings Inc	0.3%	11.2%	20.0%	Industrials			
Kinsale Capital Group Inc	0.3%	14.8%	31.9%	Financials			
Apellis Pharmaceuticals Inc	0.3%	27.6%	29.8%	Health Care			
Apellis Pharmaceuticals Inc	0.3%	27.6%	29.8%	Health Care			

Top 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
Sotera Health Co Ordinary Shares	0.0%	115.0%	-17.3%	Health Care	
Carvana Co Class A	0.0%	106.5%	-91.8%	Consumer Discretionary	
Coinbase Global Inc Ordinary Shares	0.0%	90.9%	-64.4%	Financials	
NVIDIA Corp	1.7%	90.1%	1.9%	Information Technology	
Oak Street Health Inc Ordinary Shares	0.0%	79.8%	43.9%	Health Care	
Meta Platforms Inc Class A	1.2%	76.1%	-4.7%	Communication Services	
DraftKings Inc Ordinary Shs - Class A	0.0%	70.0%	-0.6%	Consumer Discretionary	
Spotify Technology SA	0.0%	69.2%	-11.5%	Communication Services	
Tesla Inc	1.4%	68.4%	-42.2%	Consumer Discretionary	
Roku Inc Class A	0.0%	61.7%	-47.5%	Communication Services	

Тор	Top 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector			
Cipher Mining Inc	0.0%	316.1%	-36.0%	Information Technology			
SelectQuote Inc Ordinary Shares	0.0%	223.0%	-22.2%	Financials			
C3.ai Inc Ordinary Shares - Class A	0.1%	200.0%	47.9%	Information Technology			
Riot Platforms Inc	0.1%	194.7%	-52.8%	Information Technology			
Oscar Health Inc Class A	0.0%	165.9%	-34.4%	Financials			
Marathon Digital Holdings Inc	0.0%	155.0%	-68.8%	Information Technology			
Aurinia Pharmaceuticals Inc	0.1%	153.7%	-11.5%	Health Care			
Reata Pharmaceuticals Inc Class A	0.1%	139.3%	177.5%	Health Care			
Atlas Technical Consultants Inc	0.0%	136.7%	N/A	Industrials			
Berkshire Grey Inc Ordinary Shares	0.0%	128.5%	-52.1%	Industrials			

Bottom 10 Performing Stocks (by Quarter)					
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector	
First Republic Bank	0.0%	-88.5%	-91.3%	Financials	
PacWest Bancorp	0.0%	-57.2%	-76.6%	Financials	
Lumen Technologies Inc Ordinary Shs	0.0%	-49.2%	-75.4%	Communication Services	
WeWork Inc	0.0%	-45.6%	-88.6%	Real Estate	
Enviva Inc	0.0%	-44.4%	-61.2%	Energy	
Western Alliance Bancorp	0.0%	-40.0%	-56.3%	Financials	
Zions Bancorp NA	0.0%	-38.6%	-52.9%	Financials	
Charles Schwab Corp	0.2%	-36.9%	-37.1%	Financials	
Comerica Inc	0.0%	-34.0%	-49.8%	Financials	
DISH Network Corp Class A	0.0%	-33.5%	-70.5%	Communication Services	

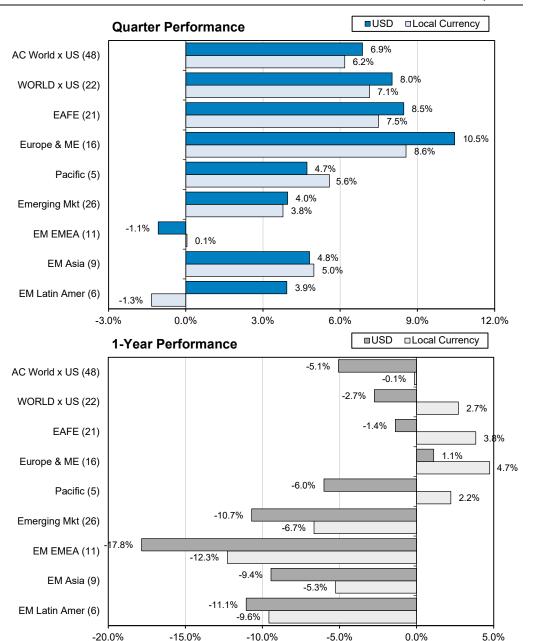
Bottom 10 Performing Stocks (by Quarter)						
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector		
Cerberus Cyber Sentinel Corp	0.0%	-86.7%	-93.6%	Information Technology		
Cyxtera Technologies Inc	0.0%	-84.1%	-97.5%	Information Technology		
Bed Bath & Beyond Inc	0.0%	-83.0%	-98.1%	Consumer Discretionary		
Pear Therapeutics Inc Class A	0.0%	-78.4%	-95.0%	Health Care		
Veru Inc	0.0%	-78.0%	-76.0%	Consumer Staples		
Sunlight Financial Holdings Inc	0.0%	-75.8%	-93.8%	Financials		
Esperion Therapeutics Inc	0.0%	-74.5%	-65.7%	Health Care		
Nektar Therapeutics	0.0%	-68.9%	-87.0%	Health Care		
Vintage Wine Estates Inc Ordinary Shs	0.0%	-67.2%	-89.2%	Consumer Staples		
Bright Health Group Inc	0.0%	-66.1%	-88.6%	Financials		

Source: Morningstar Direct



Many of the International developed and emerging market benchmarks posted positive performance in both USD and LCL terms for the 1st quarter. A weakening USD acted as a slight tailwind for non-US index performance during the quarter. Higher energy prices and the reopening of China drove performance, especially in emerging markets. Europe and Middle East subindex led results, returning a strong 10.5% in USD and 8.6% in LCL. The developed market MSCI EAFE Index returned a solid 8.5% in USD and 7.5% in LCL terms for the period, and the MSCI Emerging Markets Index rose by 4.0% in USD and 3.8% in LCL terms.

The trailing 1-year results for international developed and emerging markets remain in negative territory in USD terms. A strong dollar over most of the trailing 1-year period was the dominant USD performance factor, shaving 5.2% off broad developed market performance and 4.0% from emerging market results. Developed market performance was positive in LCL terms with the MSCI EAFE Index returning -1.4% in USD and 3.8% in LCL terms for the year. The MSCI Emerging Markets Index declined by -10.7% in USD and -6.7% in LCL terms for the period. Performance in the EMEA (Europe, Middle East, and Africa) regional benchmark significantly detracted from emerging market index performance with a return of -17.8% in USD and -12.3% in LCL terms.



Source: MSCI Global Index Monitor (Returns are Net)



MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return	
Communication Services	4.5%	10.5%	-6.5%	
Consumer Discretionary	12.0%	17.0%	5.0%	
Consumer Staples	10.4%	7.6%	1.3%	
Energy	4.5%	0.4%	9.6%	
Financials	17.7%	2.5%	-1.1%	
Health Care	13.2%	5.4%	-2.6%	
Industrials	15.6%	11.9%	-0.5%	
Information Technology	8.6%	19.0%	-4.1%	
Materials	7.7%	7.6%	-6.5%	
Real Estate	2.4%	-2.1%	-20.4%	
Utilities	3.4%	8.2%	-1.2%	
Total	100.0%	8.5%	-1.4%	

MSCI - ACWIXUS	Sector Weight	Quarter Return	1-Year Return	
Communication Services	6.1%	11.2%	-7.1%	
Consumer Discretionary	11.9%	11.3%	1.7%	
Consumer Staples	8.9%	6.5%	1.1%	
Energy	5.5%	-0.3%	0.8%	
Financials	19.9%	1.4%	-7.5%	
Health Care	9.6%	4.2%	-4.4%	
Industrials	12.7%	10.0%	-1.8%	
Information Technology	11.8%	17.2%	-9.5%	
Materials	8.3%	5.9%	-10.5%	
Real Estate	2.1%	-1.7%	-19.7%	
Utilities 3.2%		3.3%	-5.9%	
Total	100.0%	6.9%	-5.1%	

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return	
Communication Services	10.6%	12.6%	-7.4%	
Consumer Discretionary	13.9%	1.5%	-3.9%	
Consumer Staples	6.3%	2.4%	-0.6%	
Energy	4.7%	-0.3%	-4.8%	
Financials	21.0%	-0.9%	-13.6%	
Health Care	3.8%	-4.9%	-15.4%	
Industrials	6.0%	2.2%	-6.3%	
Information Technology	20.5%	14.7%	-13.9%	
Materials	8.7%	2.4%	-15.6%	
Real Estate	1.9%	-1.6%	-18.7%	
Utilities	2.6%	-10.5%	-14.4%	
Total	100.0%	4.0%	-10.7%	

	MSCI-EAFE	MSCI-ACWIXUS	Quarter	1- Year
Country	Weight	Weight	Return	Return
Japan	21.5%	13.9%	6.2%	-5.2%
United Kingdom	14.8%	9.6%	6.1%	-0.8%
France	12.5%	8.1%	14.6%	8.8%
Switzerland	10.0%	6.5%	6.7%	-6.8%
Germany	8.7%	5.6%	14.7%	2.2%
Australia	7.5%	4.8%	2.8%	-9.2%
Netherlands	4.6%	3.0%	16.6%	2.0%
Sweden	3.4%	2.2%	9.5%	-7.2%
Denmark	3.1%	2.0%	12.4%	14.2%
Hong Kong	2.7%	1.8%	-2.4%	-5.3%
Spain	2.6%	1.7%	15.7%	11.9%
Italy	2.5%	1.6%	14.7%	9.1%
Singapore	1.5%	1.0%	7.1%	-3.1%
Belgium	1.0%	0.7%	6.3%	-2.2%
Finland	1.0%	0.6%	-0.3%	-4.2%
Ireland		0.5%	21.4%	12.1%
Israel	0.8%	0.5%	0.8%	-20.6%
Norway	0.7%	0.4%	-7.2%	-21.6%
Portugal	0.2%	0.1%	3.4%	1.3%
New Zealand	0.2%	0.1%	8.0%	2.1%
Austria	0.2%	0.1%	2.6%	-5.7%
Total EAFE Countries	100.0%	64.8%	17.3%	-14.5%
Canada		7.5%	4.3%	-13.1%
Total Developed Countries		72.3%	16.2%	-14.3%
China		9.1%	4.7%	-4.7%
Taiwan		4.2%	14.8%	-13.7%
India		3.6%	-6.4%	-12.2%
Korea		3.3%	9.6%	-14.4%
Brazil		1.4%	-3.2%	-18.7%
Saudi Arabia		1.1%	0.1%	-19.0%
South Africa		1.0%	-0.6%	-20.6%
Mexico		0.7%	20.3%	8.6%
Thailand		0.6%	-1.7%	-0.9%
Indonesia		0.5%	6.0%	0.2%
Malaysia		0.4%	-3.6%	-10.9%
United Arab Emirates		0.3%	-7.5%	-28.4%
Qatar		0.3%	-0.7%	-22.6%
Kuwait		0.2%	-3.7%	-11.3%
Philippines		0.2%	2.4%	-13.7%
Poland		0.2%	-1.0%	-20.1%
Turkey		0.2%	-9.4%	52.8%
Chile		0.2%	5.2%	-3.0%
Greece		0.1%	15.8%	14.8%
Peru		0.1%	8.3%	-12.2%
Czech Republic		0.1%	33.0%	10.3%
Hungary		0.1%	2.9%	-12.1%
Columbia		0.1%	-13.5%	-39.2%
		0.0%	-13.5%	-39.2%
Eqypt				
Total Emerging Countries		27.7%	4.0%	-10.7%
Total ACWIxUS Countries		100.0%	6.9%	-5.1%

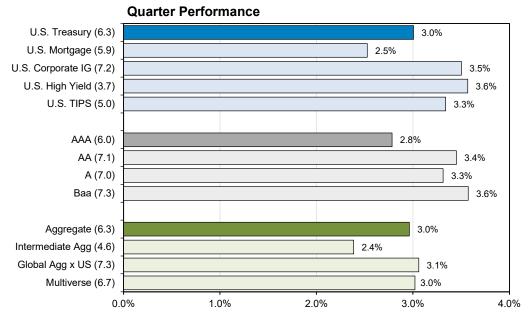
Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

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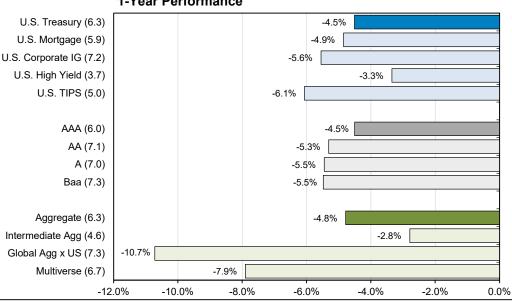


- After a challenging 2022 in fixed income markets brought on by the largest and most rapid increase in interest rates since the early 80's, the 1st quarter's positive bond benchmark results were a welcome relief. Despite two additional rate increases during the guarter, bond prices were aided by softening inflation and expectations that the Fed was nearing the end of its historic rate hiking cycle.
- The BB US Aggregate Bond Index, the bellwether US investment grade benchmark, returned a solid 3.0% for the period. Performance across the investment grade index's segments was also positive during the period with the US Corporate Investment Grade Index returning 3.5% and the US Mortgage Index component posting a return of 2.5%. Outside of the aggregate index's components, high yield bonds rose 3.6% and US TIPS posted a return of 3.3% for the quarter. The Bloomberg Global Aggregate ex US Index posted a similar return to the US bond benchmark with a return of 3.1% for the quarter.

- Over the trailing 1-year period, the BB US Aggregate Bond Index declined by -4.8% and each of the benchmark's sub-components fell in a narrow band above and below the broad index's return. US TIPS, which are excluded from the aggregate index, dropped by -6.1% for the year. Lower quality high yield corporate bonds, which have a much shorter duration, were down less than their investment grade counterparts with the Bloomberg US High Yield Index returning -3.3% for the year.
- Performance for non-US bonds was also negative for the year with the developed market Bloomberg Global Aggregate ex US Index falling by -The combination of rising interest rates, elevated inflation, geopolitical risks, and USD strength earlier in the year hindered non-US index performance.



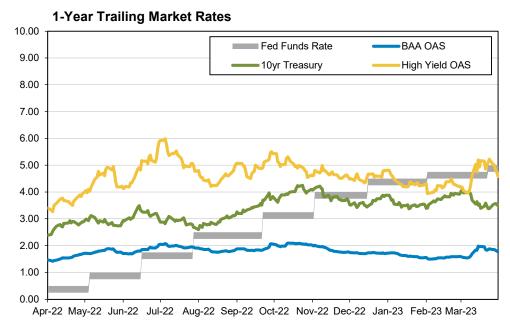
1-Year Performance

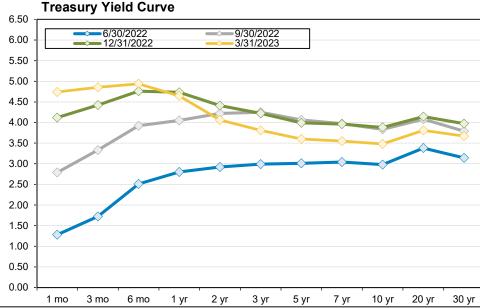


Source: Bloomberg



- The gray band across the graph illustrates the range of the current Fed Funds Rate. During the 1st quarter the Fed raised the lower end of its target rate range from 4.25% to 4.75% through two successive 0.25% increases in February and March. After its March meeting, the Federal Open Market Committee (FOMC) altered a phrase in its press release that had been included since the beginning of this rate increase cycle. Their revised release stated "some additional policy firming may be appropriate" and it removed "ongoing increases in the target range will be appropriate." The FOMC also stated that it would continue its policy of removing liquidity from the market by allowing bonds held on its balance sheet to mature without reinvesting those proceeds. While subtle, the capital market interpreted this change favorably in terms of the future path of interest rates.
- The yield on the US 10-year Treasury (green line) ended the period slightly lower as concerns over the state of the economy and March's banking disruption drove yields. The closing yield on the 10-Year Treasury was 3.88% at year-end but finished the quarter 0.40% lower at 3.48%. The benchmark's rate peaked in October, cresting at just over 4.00% before pulling back to its current level.
- 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 1.42% to 1.80%. High Yield OAS spreads rose from roughly 3.27% at the beginning of the year to 4.74% at year-end. High yield spreads reached their highs in July 2022 at a level of 5.80% before trading lower the remainder of the year. A spike in both the BAA OAS and High Yield spreads is visible in March following a short-lived banking crisis of confidence addressed quickly by the FDIC and supported further by the Fed's aggressive short-term par loan program. Both spread measures traded lower on the news of the Government's intervention but were still elevated from pre-crisis levels at the end of the quarter.
- 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 continued to rise during the 1st quarter as the Fed increased interest rates twice to combat elevated inflation. Despite these short-term rate increases, at the end of the quarter both intermediate and longer-term yields were slightly lower than they were at the end of the 3rd quarter of 2022. The yield curve remains inverted (short-term rates higher than long-term rates) between 2-year and 10-year maturities. Historically, a persistent inversion of these two key rates has been a precursor of an economic recession within 6- to 24-months.





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



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Total Fund Compliance	,	Yes	No	N/A
A. The total plan return equaled or exceeded the total plan benchmark over the trailing three year period.				
B. The total plan return ranked in the top 50% of its peers over the trailing three year period.				
C. The total plan return equaled or exceeded 8.0% (the current assumed actuarial rate of return is 6.75%), and equaled or exceeded the CPI+5%, over the trailing one year period.				

Manager's Compliance	Pol	Polen Capital			Newton		Rhumbline (R1000V)			Rhumbline (R1000G)		-
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	(F	No	N/A
A. Perform above the bottom quartile (75th percentile) of his or her peer group over two consecutive quarters or annual period.												
B. Did not fall in the southeastern quadrant of the risk/return scattergram for three- and/or five-year time periods.												
C. Five-year risk-adjusted return (alpha) is above that of the median manager within the appropriate peer group.												
D. Did not underperform its index for four consecutive quarters.												
E. Performed above the median (50th percentile) of his or her peer group over rolling three-year periods.												
F. Positive alpha for three-year time periods.												
G. Has there been organizational stability related to changes in professionals.												
H. Has there been organizational stability related to significant account losses.												
I. Has there been organizational stability related to significant growth of new business.												
J. Has there been organizational stability related to change in ownership.												



Manager's Compliance	Rhum				Intl Ed (HLIZX		Vanguard EM			Garcia Hamilton Fixed Income		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
A. Perform above the bottom quartile (75th percentile) of his or her peer group over two consecutive quarters or annual period.												
B. Did not fall in the southeastern quadrant of the risk/return scattergram for three- and/or five-year time periods.												
C. Five-year risk-adjusted return (alpha) is above that of the median manager within the appropriate peer group.												
D. Did not underperform its index for four consecutive quarters.												
E. Performed above the median (50th percentile) of his or her peer group over rolling three-year periods.												
F. Positive alpha for three-year time periods.												
G. Has there been organizational stability related to changes in professionals.												
H. Has there been organizational stability related to significant account losses.												
I. Has there been organizational stability related to significant growth of new business.												
J. Has there been organizational stability related to change in ownership.												

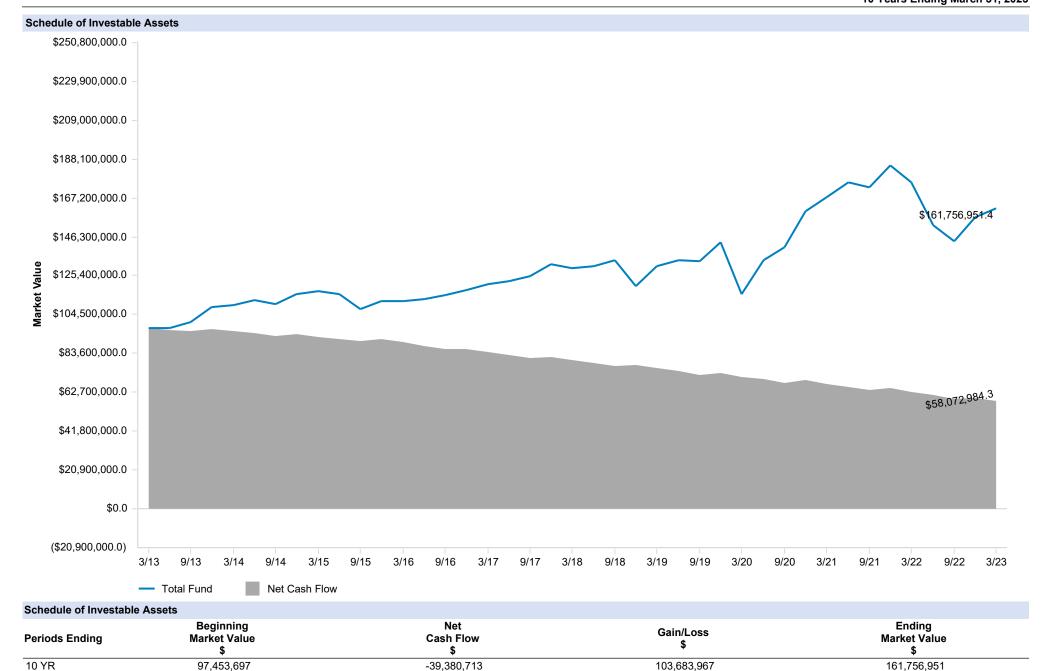
Manager's Compliance		l Bond (BIMIX	Fund	Western Asset Bond (WABSX)			JPMorgan Inc Builder (JNBZX)			Blackrock Mult Asset I (BKMIX		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes No	No	N/A
A. Perform above the bottom quartile (75th percentile) of his or her peer group over two consecutive quarters or annual period.												
B. Did not fall in the southeastern quadrant of the risk/return scattergram for three- and/or five-year time periods.												
C. Five-year risk-adjusted return (alpha) is above that of the median manager within the appropriate peer group.												
D. Did not underperform its index for four consecutive quarters.												
E. Performed above the median (50th percentile) of his or her peer group over rolling three-year periods.												
F. Positive alpha for three-year time periods.												
G. Has there been organizational stability related to changes in professionals.												
H. Has there been organizational stability related to significant account losses.												
I. Has there been organizational stability related to significant growth of new business.												
J. Has there been organizational stability related to change in ownership.												



Manager's Compliance		Vanguard Total Stock (VTSAX)			Mass Mutual (MSOOX)			Delaware (DCZRX)	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
A. Perform above the bottom quartile (75th percentile) of his or her peer group over two consecutive quarters or annual period.									
B. Did not fall in the southeastern quadrant of the risk/return scattergram for three- and/or five-year time periods.									
C. Five-year risk-adjusted return (alpha) is above that of the median manager within the appropriate peer group.									
D. Did not underperform its index for four consecutive quarters.									
E. Performed above the median (50th percentile) of his or her peer group over rolling three-year periods.									
F. Positive alpha for three-year time periods.									
G. Has there been organizational stability related to changes in professionals.									
H. Has there been organizational stability related to significant account losses.									
I. Has there been organizational stability related to significant growth of new business.									
J. Has there been organizational stability related to change in ownership.									

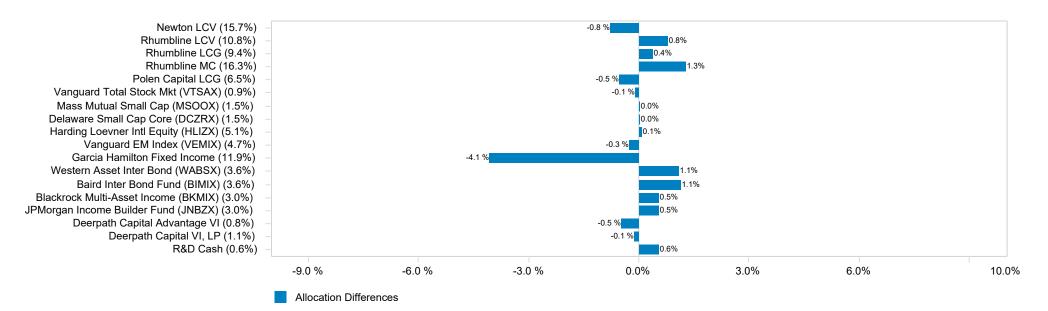


10 Years Ending March 31, 2023



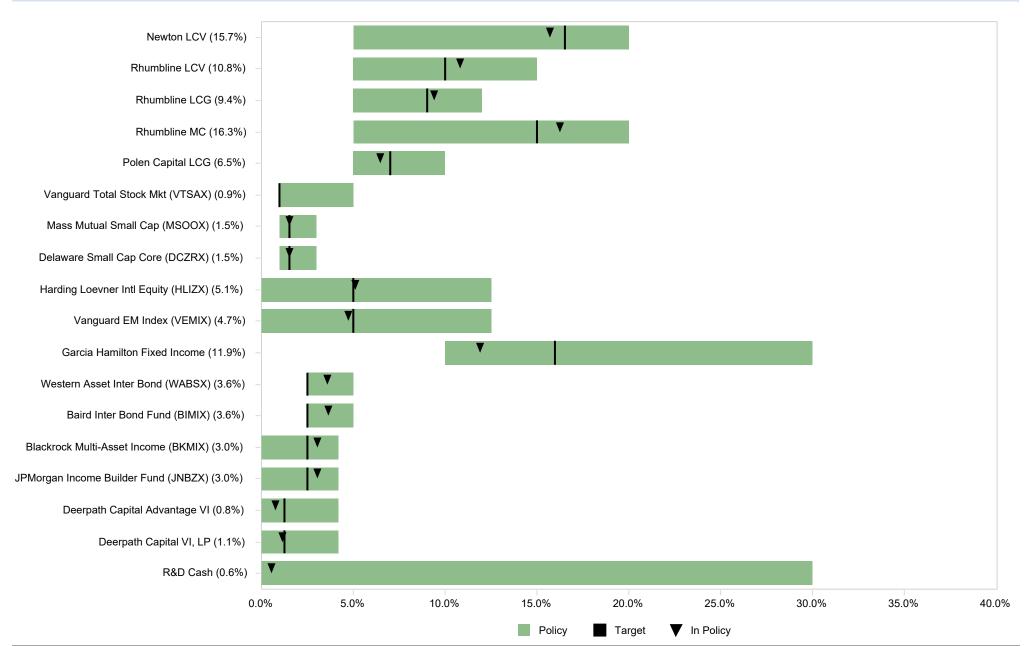


•	Asset				
	Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Total Fund	161,756,951	100.0	100.0	0.0	-
Newton LCV	25,410,780	15.7	16.5	-0.8	1,279,117
Rhumbline LCV	17,453,953	10.8	10.0	0.8	-1,278,258
Rhumbline LCG	15,185,910	9.4	9.0	0.4	-627,785
Rhumbline MC	26,312,857	16.3	15.0	1.3	-2,049,314
Polen Capital LCG	10,446,710	6.5	7.0	-0.5	876,277
Vanguard Total Stock Mkt (VTSAX)	1,426,124	0.9	1.0	-0.1	191,446
Mass Mutual Small Cap (MSOOX)	2,469,733	1.5	1.5	0.0	-43,379
Delaware Small Cap Core (DCZRX)	2,462,266	1.5	1.5	0.0	-35,912
Harding Loevner Intl Equity (HLIZX)	8,222,029	5.1	5.0	0.1	-134,181
/anguard EM Index (VEMIX)	7,628,900	4.7	5.0	-0.3	458,947
Garcia Hamilton Fixed Income	19,286,237	11.9	16.0	-4.1	6,594,875
Western Asset Inter Bond (WABSX)	5,800,143	3.6	2.5	1.1	-1,756,219
Baird Inter Bond Fund (BIMIX)	5,894,699	3.6	2.5	1.1	-1,850,775
Blackrock Multi-Asset Income (BKMIX)	4,906,333	3.0	2.5	0.5	-862,409
IPMorgan Income Builder Fund (JNBZX)	4,907,850	3.0	2.5	0.5	-863,927
Deerpath Capital Advantage VI	1,226,354	0.8	1.3	-0.5	795,608
Deerpath Capital VI, LP	1,816,998	1.1	1.3	-0.1	204,963
R&D Cash	899,075	0.6	0.0	0.6	-899,075





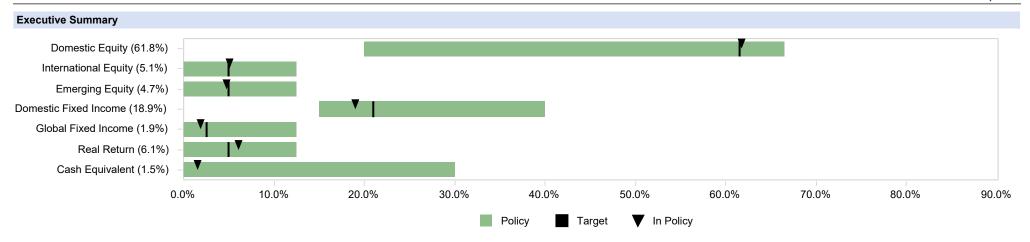
Executive Summary



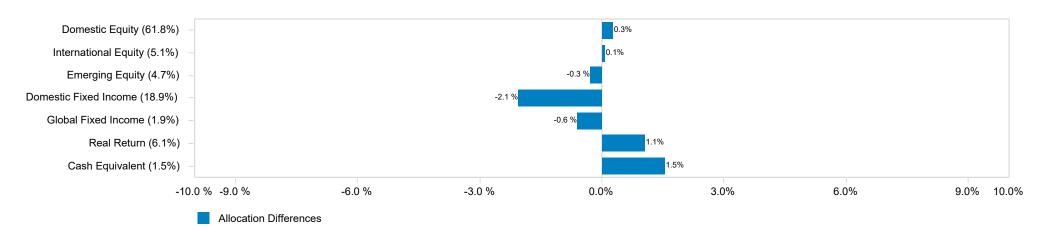


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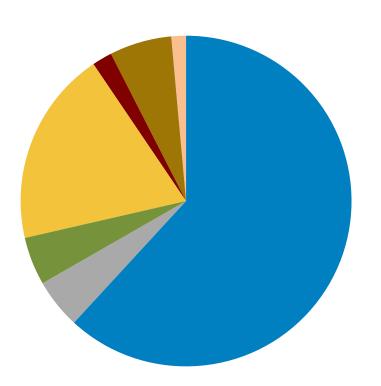
	Asset				
	Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Domestic Equity	99,912,797	61.8	61.5	0.3	-432,272
International Equity	8,222,029	5.1	5.0	0.1	-134,181
Emerging Equity	7,628,900	4.7	5.0	-0.3	458,947
Domestic Fixed Income	30,651,061	18.9	21.0	-2.1	3,317,899
Global Fixed Income	3,043,352	1.9	2.5	-0.6	1,000,572
Real Return	9,814,183	6.1	5.0	1.1	-1,726,336
Cash Equivalent	2,484,629	1.5	0.0	1.5	-2,484,629
Total Fund	161,756,951	100.0	100.0	0.0	-

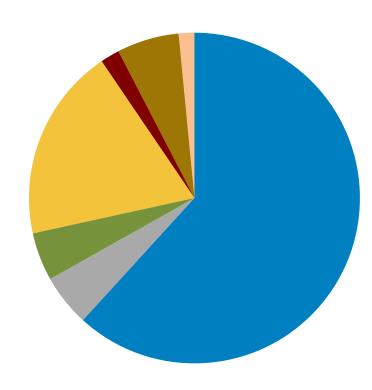




Asset Allocation By Segment as of December 31, 2022 : \$156,671,072

Asset Allocation By Segment as of March 31, 2023 : \$161,756,951



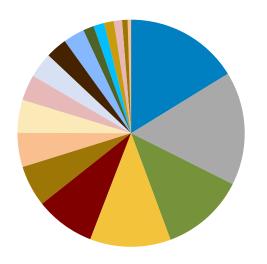


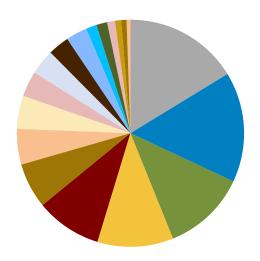
llocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
■ Domestic Equity	96,886,631	61.8	■ Domestic Equity	99,912,797	61.8
International Equity	7,628,922	4.9	International Equity	8,222,029	5.1
Emerging Equity	7,363,857	4.7	Emerging Equity	7,628,900	4.7
Domestic Fixed Income	29,967,906	19.1	Domestic Fixed Income	30,651,061	18.9
■ Global Fixed Income	3,055,009	1.9	Global Fixed Income	3,043,352	1.9
■ Real Return	9,514,108	6.1	Real Return	9,814,183	6.1
Cash Equivalent	2,254,640	1.4	Cash Equivalent	2,484,629	1.5



Asset Allocation By Manager as of Dec-2022 : \$156,671,072

Asset Allocation By Manager as of Mar-2023 : \$161,756,951





location			Allocation		
	Market Value	Allocation		Market Value	Allocation
■ Newton LCV	25,414,218	16.2	■ Rhumbline MC	26,312,857	16.3
■ Rhumbline MC	25,344,590	16.2	■ Newton LCV	25,410,780	15.7
■ Garcia Hamilton Fixed Income	18,725,736	12.0	Garcia Hamilton Fixed Income	19,286,237	11.9
Rhumbline LCV	18,021,090	11.5	Rhumbline LCV	17,453,953	10.8
■ Rhumbline LCG	13,282,861	8.5	■ Rhumbline LCG	15,185,910	9.4
■ Polen Capital LCG	9,168,695	5.9	■ Polen Capital LCG	10,446,710	6.5
Harding Loevner Intl Equity (HLIZX)	7,628,922	4.9	Harding Loevner Intl Equity (HLIZX)	8,222,029	5.1
Vanguard EM Index (VEMIX)	7,363,857	4.7	Vanguard EM Index (VEMIX)	7,628,900	4.7
Baird Inter Bond Fund (BIMIX)	5,757,442	3.7	Baird Inter Bond Fund (BIMIX)	5,894,699	3.6
Western Asset Inter Bond (WABSX)	5,634,514	3.6	Western Asset Inter Bond (WABSX)	5,800,143	3.6
■ JPMorgan Income Builder Fund (JNBZX)	4,766,541	3.0	■ JPMorgan Income Builder Fund (JNBZX)	4,907,850	3.0
■ Blackrock Multi-Asset Income (BKMIX)	4,747,567	3.0	Blackrock Multi-Asset Income (BKMIX)	4,906,333	3.0
■ Delaware Small Cap Core (DCZRX)	2,402,603	1.5	Mass Mutual Small Cap (MSOOX)	2,469,733	1.5
Mass Mutual Small Cap (MSOOX)	2,381,920	1.5	Delaware Small Cap Core (DCZRX)	2,462,266	1.5
■ Vanguard Total Stock Mkt (VTSAX)	2,198,342	1.4	Deerpath Capital VI, LP	1,816,998	1.1
■ Deerpath Capital VI, LP	1,821,199	1.2	Vanguard Total Stock Mkt (VTSAX)	1,426,124	0.9
■ Deerpath Capital Advantage VI	1,233,810	0.8	Deerpath Capital Advantage VI	1,226,354	0.8
R&D Cash	777,164	0.5	R&D Cash	899,075	0.6



1 Quarter Ending March 31, 2023

Financial Reconciliation Quarter to Date									
	Market Value 01/01/2023	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 03/31/2023
Total Equity	113,207,099	-1,648,551	-	-	-48,128	-6,260	225,395	5,289,706	117,019,261
Total Domestic Equity	98,214,320	-1,648,551	_	_	-48,128	-6,260	220,466	4,436,485	101,168,332
Newton LCV	25,414,218	1,040,001	_	_	-28,349	-3,056	148,257	-120,290	25,410,780
Rhumbline LCV	18,021,090	-748,048	_	_	-1,952	-612	24,882	158,592	17,453,953
Rhumbline LCG	13,282,861	1,381	_	_	-1,381	-581	7,408	1,896,223	15,185,910
Rhumbline MC	25,344,590	2,582	_	_	-2,582	-979	20,208	949,038	26,312,857
Polen Capital LCG	9,168,695	-	_	_	-13,864	-1,031	11,846	1,281,064	10,446,710
Vanguard Total Stock Mkt (VTSAX)	2,198,342	-904,466	_	_	-	-	7,865	124,382	1,426,124
Mass Mutual Small Cap (MSOOX)	2,381,920	-	_	_	_	_	-	87,813	2,469,733
Delaware Small Cap Core (DCZRX)	2,402,603	-	-	-	-	-	-	59,663	2,462,266
Total International Equity	14,992,778	-	-	_	-	-	4,929	853,222	15,850,929
Vanguard EM Index (VEMIX)	7,363,857	-	-	-	-	-	4,929	260,114	7,628,900
Harding Loevner Intl Equity (HLIZX)	7,628,922	-	-	-	-	-	-	593,107	8,222,029
Total Fixed Income	30,117,693	-	-		-8,735	-2,097	245,613	628,606	30,981,079
Garcia Hamilton Fixed Income	18,725,736	-	-	-	-8,735	-2,097	159,294	412,039	19,286,237
Baird Inter Bond Fund (BIMIX)	5,757,442	-	-	-	-	-	39,871	97,385	5,894,699
Western Asset Inter Bond (WABSX)	5,634,514	-	-	-	-	-	46,447	119,182	5,800,143
Total Real Return Composite	9,514,108	-	-	-	-	-	129,184	170,892	9,814,183
JPMorgan Income Builder Fund (JNBZX)	4,766,541	-	-	-	-	-	64,543	76,766	4,907,850
Blackrock Multi-Asset Income (BKMIX)	4,747,567	-	-	-	-	-	64,640	94,126	4,906,333
Total Alternatives	3,055,009	-85,392	-	-	-	-	-	73,735	3,043,352
Deerpath Capital Advantage VI	1,233,810	-45,163	-	-	-	-	-	37,707	1,226,354
Deerpath Capital VI, LP	1,821,199	-40,229	-	-	-	-	-	36,028	1,816,998
Cash Accounts									
R&D Cash	777,164	1,733,942	531,456	-2,077,617	-	-68,442	2,571	-	899,075
Total Fund	156,671,072	-	531,456	-2,077,617	-56,864	-76,799	602,763	6,162,939	161,756,951



	Market Value 10/01/2022	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 03/31/2023
Total Equity	106,516,102	-5,999,220	737	-	-93,719	-12,287	1,121,873	15,485,776	117,019,261
Total Domestic Equity	93,657,464	-6,599,220	737	_	-93,719	-12,287	805,265	13,410,093	101,168,332
Newton LCV	26,310,246	-5,000,000	737	_	-54,300	-6,051	319,211	3,840,936	25,410,780
Rhumbline LCV	17,834,598	-2,746,131	-	_	-3,869	-1,112	143,069	2,227,398	17,453,953
Rhumbline LCG	12,996,389	2,797	_	_	-2,797	-1,002	46,522	2,144,002	15,185,910
Rhumbline MC	22,881,947	5,052	_	_	-5,052	-2,061	135,817	3,297,155	26,312,857
Polen Capital LCG	9,150,336	5,032	_	_	-27,702	-2,061	24,961	1,301,175	10,446,710
Vanguard Total Stock Mkt (VTSAX)	47,735	1,139,062	_	_	-	2,001	11,360	227,967	1,426,124
Mass Mutual Small Cap (MSOOX)	2,196,782	1,100,002	_	_	_	_	33,309	239,642	2,469,733
Delaware Small Cap Core (DCZRX)	2,239,431	_	_	_	-	-	91,017	131,818	2,462,266
. , , ,									
Total International Equity	12,858,638	600,000	-	-	-	-	316,609	2,075,683	15,850,929
Vanguard EM Index (VEMIX)	6,211,741	600,000	-	-	-	-	122,566	694,594	7,628,900
Harding Loevner Intl Equity (HLIZX)	6,646,897	-	-	-	-	-	194,043	1,381,089	8,222,029
Total Fixed Income	24,674,420	5,000,000	-	-	-17,346	-3,964	454,119	873,850	30,981,079
Garcia Hamilton Fixed Income	16,701,871	1,666,668	-	-	-17,346	-3,964	299,688	639,320	19,286,237
Baird Inter Bond Fund (BIMIX)	4,042,719	1,666,666	-	-	-	-	74,143	111,171	5,894,699
Western Asset Inter Bond (WABSX)	3,929,830	1,666,666	-	-	-	-	80,288	123,359	5,800,143
Total Real Return Composite	8,961,255	-	_	_	-	_	251,979	600,949	9,814,183
JPMorgan Income Builder Fund (JNBZX)	4,452,075	_	_	_	_	_	115,549	340,226	4,907,850
Blackrock Multi-Asset Income (BKMIX)	4,509,180	-	-	-	-	-	136,431	260,722	4,906,333
Total Alternatives	3,064,242	-144,483	-	-	-	-	-	123,593	3,043,352
Deerpath Capital Advantage VI	1,241,005	-69,145	-	-	-	-	-	54,494	1,226,354
Deerpath Capital VI, LP	1,823,238	-75,339	-	-	-	-	-	69,100	1,816,998
Cash Accounts									
R&D Cash	826,625	1,143,704	3,190,562	-4,159,263	-	-107,809	5,257	-	899,075
Total Fund	144,042,645	-	3,191,300	-4,159,263	-111,065	-124,060	1,833,228	17,084,168	161,756,951



Asset Allocation & Performance							
	Allocatio	on			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Total Fund Composite	161,756,951	100.0	4.33	13.03	-5.09	14.79	7.75
Policy Index			5.13	12.97	-5.56	13.36	7.07
Difference			-0.80	0.06	0.47	1.43	0.68
Total Equity Composite	117,019,261	72.3	4.87	15.44	-6.10	20.13	9.77
Total Equity Index			6.27	15.88	-7.13	18.43	8.66
Difference			-1.40	-0.44	1.03	1.70	1.11
Total Domestic Equity	101,168,332	62.5					
Newton LCV	25,410,780	15.7	0.11 (67)	15.51 (36)	0.41 (6)	28.51 (3)	12.06 (8)
Russell 1000 Value Index			1.01 (46)	13.55 (59)	-5.91 (70)	17.93 (76)	7.50 (79)
Difference			-0.90	1.96	6.32	10.58	4.56
IM U.S. Large Cap Value Equity (SA+CF) Median			0.85	14.30	-4.52	19.95	9.03
Rhumbline LCV	17,453,953	10.8	1.01 (34)	13.55 (58)	-5.86 (80)	17.90 (72)	7.51 (85)
Russell 1000 Value Index			1.01 (34)	13.55 (58)	-5.91 (81)	17.93 (72)	7.50 (85)
Difference			0.00	0.00	0.05	-0.03	0.01
IM U.S. Large Cap Value Equity (MF) Median			0.42	13.93	-4.11	18.92	8.96
Rhumbline LCG	15,185,910	9.4	14.33 (43)	16.86 (52)	-10.90 (34)	18.57 (13)	13.67 (14)
Russell 1000 Growth Index			14.37 (41)	16.88 (51)	-10.90 (34)	18.58 (13)	13.66 (15)
Difference			-0.04	-0.02	0.00	-0.01	0.01
IM U.S. Large Cap Growth Equity (MF) Median			13.95	16.88	-11.87	15.73	11.78
Polen Capital LCG	10,446,710	6.5	14.11 (34)	14.52 (76)	-17.30 (92)	N/A	N/A
Russell 1000 Growth Index	, ,		14.37 (30)	16.88 (46)	-10.90 (52)	18.58 (22)	13.66 (18)
Difference			-0.26	-2.36	-6.40	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median			12.78	16.65	-10.67	16.35	11.82
Rhumbline MC	26,312,857	16.3	3.82 (51)	15.00 (37)	-5.10 (29)	22.07 (30)	7.67 (65)
S&P MidCap 400 Index	, ,		3.81 (51)	15.00 (37)	-5.12 (29)	22.10 (30)	7.67 (65)
Difference			0.01	0.00	0.02	-0.03	0.00
IM U.S. Mid Cap Equity (MF) Median			3.88	13.96	-7.22	20.11	8.62
Vanguard Total Stock Mkt (VTSAX)	1,426,124	0.9	7.16 (31)	14.81 (38)	N/A	N/A	N/A
CRSP U.S. Total Market TR Index			7.15 (31)	14.81 (38)	-8.77 (56)	18.37 (39)	10.37 (19)
Difference			0.01	0.00	N/A	N/A	N/A
IM U.S. Equity (MF) Median			4.31	13.62	-8.22	17.36	7.66

^{*} Found on IRR page.



	Allocatio	n			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Mass Mutual Small Cap (MSOOX)	2,469,733	1.5	3.69 (44)	12.43 (46)	N/A	N/A	N/A
Russell 2000 Index			2.74 (59)	9.14 (79)	-11.61 (71)	17.51 (67)	4.71 (73)
Difference			0.95	3.29	N/A	N/A	N/A
IM U.S. Small Cap Equity (MF) Median			3.29	12.02	-9.16	19.98	5.91
Delaware Small Cap Core (DCZRX)	2,462,266	1.5	2.48 (59)	9.95 (79)	N/A	N/A	N/A
Russell 2000 Index			2.74 (49)	9.14 (88)	-11.61 (84)	17.51 (85)	4.71 (67)
Difference			-0.26	0.81	N/A	N/A	N/A
IM U.S. Small Cap Core Equity (MF) Median			2.71	12.30	-8.33	21.16	5.52



^{*} Found on IRR page.

	Allocatio	n			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Total International Equity	·						
Harding Loevner Intl Equity (HLIZX)	8,222,029	5.1	7.77 (38)	23.70 (44)	-3.34 (38)	11.74 (49)	3.75 (20)
MSCI EAFE Index			8.62 (26)	27.52 (23)	-0.86 (23)	13.52 (30)	4.03 (17)
Difference			-0.85	-3.82	-2.48	-1.78	-0.28
IM International Equity (MF) Median			6.91	22.55	-4.96	11.63	1.99
Vanguard EM Index (VEMIX)	7,628,900	4.7	3.60 (79)	12.11 (81)	-9.10 (48)	N/A	N/A
FTSE Emerging Mkts All Cap China A Inclusion Index			3.11 (84)	11.60 (83)	-9.79 (53)	9.87 (30)	0.50 (23)
Difference			0.49	0.51	0.69	N/A	N/A
IM Emerging Markets Equity (MF) Median			5.02	15.47	-9.28	7.93	-1.08
Total Fixed Income Composite	30,981,079	19.2	2.90	4.85	-1.28	-0.48	1.36
Total Fixed Income Index	55,553,535		2.33	3.91	-1.66	-1.28	1.40
Difference			0.57	0.94	0.38	0.80	-0.04
Garcia Hamilton Fixed Income	19,286,237	11.9	3.05 (7)	5.34 (4)	-0.57 (13)	0.01 (26)	1.66 (50)
Bloomberg Intermediate US Govt/Credit Idx	.0,200,201		2.33 (61)	3.91 (66)	-1.66 (54)	-1.28 (91)	1.40 (82)
Difference			0.72	1.43	1.09	1.29	0.26
IM U.S. Intermediate Duration (SA+CF) Median			2.39	4.10	-1.63	-0.58	1.65
Baird Inter Bond Fund (BIMIX)	5.894.699	3.6	2.38 (34)	4.06 (18)	-1.83 (54)	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx	0,00.,000	0.0	2.33 (39)	3.91 (25)	-1.66 (49)	-1.28 (66)	1.40 (26)
Difference			0.05	0.15	-0.17	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median			2.08	3.49	-1.71	-0.58	1.09
Western Asset Inter Bond (WABSX)	5,800,143	3.6	2.94 (7)	4.62 (9)	-2.72 (69)	N/A	N/A
Bloomberg Intermed Aggregate Index	2,222,112		2.39 (34)	4.15 (17)	-2.79 (69)	-1.96 (77)	1.00 (57)
Difference			0.55	0.47	0.07	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median			2.08	3.49	-1.71	-0.58	1.09
Total Real Return Composite	9,814,183	6.1					
JPMorgan Income Builder Fund (JNBZX)	4,907,850	3.0	2.96 (49)	10.24 (36)	-6.06 (40)	7.46 (59)	N/A
50% MSCI World Value/ 50% BBA	-,-0.,000	2.0	1.95 (63)	10.40 (34)	-4.65 (22)	6.47 (69)	3.33 (47)
Difference			1.01	-0.16	-1.41	0.99	N/A
IM Flexible Portfolio (MF) Median			2.87	8.39	-6.73	8.06	3.07
Blackrock Multi-Asset Income (BKMIX)	4,906,333	3.0	3.34 (45)	8.81 (47)	-4.71 (22)	5.77 (73)	3.08 (50)
50% MSCI World Value/ 50% BBA	.,000,000	0.0	1.95 (63)	10.40 (34)	-4.65 (22)	6.47 (69)	3.33 (47)
Difference			1.39	-1.59	-0.06	-0.70	-0.25
IM Flexible Portfolio (MF) Median			2.87	8.39	-6.73	8.06	3.07
/ modell				0.00	J J	0.00	0.01



^{*} Found on IRR page.

	Allocation	1	Performance(%)					
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	
Total Alternatives	3,043,352	1.9						
Deerpath Capital Advantage VI *	1,226,354	0.8						
Deerpath Capital VI, LP *	1,816,998	1.1						
R&D Cash	899,075	0.6						



^{*} Found on IRR page.

Asset Allocation & Performance							
	Allocatio	on			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Total Fund Composite	161,756,951	100.0	4.29 (57)	12.95 (7)	-5.23 (40)	14.64 (1)	7.62 (5)
Policy Index			5.13 (20)	12.97 (7)	-5.56 (51)	13.36 (3)	7.07 (10)
Difference			-0.84	-0.02	0.33	1.28	0.55
All Public Plans-Total Fund Median			4.44	10.41	-5.53	10.62	5.97
Total Equity Composite	117,019,261	72.3	4.82	15.35	-6.26	19.97	9.64
Total Equity Index	, ,		6.27	15.88	-7.13	18.43	8.66
Difference			-1.45	-0.53	0.87	1.54	0.98
Total Domestic Equity	101,168,332	62.5					
Newton LCV	25,410,780	15.7	0.00	15.28	0.01	28.06	11.67
Russell 1000 Value Index	23,410,780	13.7	1.01	13.55	-5.91	17.93	7.50
Difference			-1.01	1.73	5.92	10.13	4.17
Billototice			1.01	1.70	0.02	10.10	4.11
Rhumbline LCV	17,453,953	10.8	1.00	13.53	-5.90	17.86	7.47
Russell 1000 Value Index			1.01	13.55	-5.91	17.93	7.50
Difference			-0.01	-0.02	0.01	-0.07	-0.03
Rhumbline LCG	15,185,910	9.4	14.32	16.83	-10.93	18.52	13.62
Russell 1000 Growth Index			14.37	16.88	-10.90	18.58	13.66
Difference			-0.05	-0.05	-0.03	-0.06	-0.04
Polen Capital LCG	10,446,710	6.5	13.95	14.19	-17.78	N/A	N/A
Russell 1000 Growth Index			14.37	16.88	-10.90	18.58	13.66
Difference			-0.42	-2.69	-6.88	N/A	N/A
Rhumbline MC	26,312,857	16.3	3.81	14.98	-5.13	22.02	7.63
S&P MidCap 400 Index			3.81	15.00	-5.12	22.10	7.67
Difference			0.00	-0.02	-0.01	-0.08	-0.04
Vanguard Total Stock Mkt (VTSAX)	1,426,124	0.9	7.16 (31)	14.81 (38)	N/A	N/A	N/A
CRSP U.S. Total Market TR Index			7.15 (31)	14.81 (38)	-8.77 (56)	18.37 (39)	10.37 (19)
Difference			0.01	0.00	N/A	N/A	N/A
IM U.S. Equity (MF) Median			4.31	13.62	-8.22	17.36	7.66
Mass Mutual Small Cap (MSOOX)	2,469,733	1.5	3.69	12.43	N/A	N/A	N/A
Russell 2000 Index			2.74	9.14	-11.61	17.51	4.71
Difference			0.95	3.29	N/A	N/A	N/A

^{*} Found on IRR page.



	Allocation	n			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Delaware Small Cap Core (DCZRX)	2,462,266	1.5	2.48	9.95	N/A	N/A	N/A
Russell 2000 Index			2.74	9.14	-11.61	17.51	4.71
Difference			-0.26	0.81	N/A	N/A	N/A



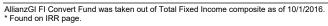
^{*} Found on IRR page.

	Allocatio	n	Performance(%)						
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR		
Total International Equity									
Harding Loevner Intl Equity (HLIZX)	8,222,029	5.1	7.77	23.70	-3.34	11.74	3.75		
MSCI EAFE Index			8.62	27.52	-0.86	13.52	4.03		
Difference			-0.85	-3.82	-2.48	-1.78	-0.28		
√anguard EM Index (VEMIX)	7,628,900	4.7	3.60	12.11	-9.10	N/A	N/A		
FTSE Emerging Mkts All Cap China A Inclusion Index			3.11	11.60	-9.79	9.87	0.50		
Difference			0.49	0.51	0.69	N/A	N/A		
Total Fixed Income Composite	30,981,079	19.2	2.87	4.78	-1.41	-0.65	1.18		
Total Fixed Income Index			2.33	3.91	-1.66	-1.28	1.40		
Difference			0.54	0.87	0.25	0.63	-0.22		
Garcia Hamilton Fixed Income	19,286,237	11.9	3.00	5.24	-0.77	-0.19	1.46		
Bloomberg Intermediate US Govt/Credit Idx	, ,		2.33	3.91	-1.66	-1.28	1.40		
Difference			0.67	1.33	0.89	1.09	0.06		
Baird Inter Bond Fund (BIMIX)	5,894,699	3.6	2.38	4.06	-1.83	N/A	N/A		
Bloomberg Intermediate US Govt/Credit Idx			2.33	3.91	-1.66	-1.28	1.40		
Difference			0.05	0.15	-0.17	N/A	N/A		
Western Asset Inter Bond (WABSX)	5,800,143	3.6	2.94	4.62	-2.72	N/A	N/A		
Bloomberg Intermed Aggregate Index			2.39	4.15	-2.79	-1.96	1.00		
Difference			0.55	0.47	0.07	N/A	N/A		
Total Real Return Composite	9,814,183	6.1							
JPMorgan Income Builder Fund (JNBZX)	4,907,850	3.0	2.96	10.24	-6.06	7.46	N/A		
50% MSCI World Value/ 50% BBA	,,		1.95	10.40	-4.65	6.47	3.33		
Difference			1.01	-0.16	-1.41	0.99	N/A		
Blackrock Multi-Asset Income (BKMIX)	4,906,333	3.0	3.34	8.81	-4.71	5.77	3.08		
50% MSCI World Value/ 50% BBA			1.95	10.40	-4.65	6.47	3.33		
Difference			1.39	-1.59	-0.06	-0.70	-0.25		
Total Alternatives	2.042.252	1.9							
Total Alternatives	3,043,352								
Deerpath Capital Advantage VI *	1,226,354	8.0							
Deerpath Capital VI, LP *	1,816,998	1.1							
R&D Cash	899,075	0.6							

^{*} Found on IRR page.



Difference	Asset Allocation & Performance							
Value		Allocatio	n			Performance(%)		
Policy Index 11,596 24,56 8.33 3.34 9,71 Difference 117,019,261 72.3 15.80 34.27 10.87 1.64 15.22 1.24		Value	%	То	То	То	То	То
Difference 1.50	Total Fund Composite	161,756,951	100.0	-14.46	25.73	9.07	3.11	10.95
Total Equity Composite 117,019,281 72.3 -15.80 34.27 10.87 16.4 15.22 10.14 Equity Index 118,14 33.79 8.72 12.8 14.77 10.14 Equity Index 118,14 33.79 8.72 12.8 14.77 10.14 Equity Index 118,14 33.79 8.72 12.8 14.77 10.15 10								
Total Demostic Equity Index	Difference			1.50	1.17	0.74	-0.23	1.24
Difference 2.34 0.48 2.15 0.36 0.45 0		117,019,261	72.3					
Vanguard Total Stock Mkt (VTSAX) 1,426,124 0.9 N/A								
Vanguard Total Stock Mkt (VTSAX) 1,426,124 0.9 N/A	Difference			2.34	0.48	2.15	0.36	0.45
CRSP U.S. Total Market TR Index	Total Domestic Equity	101,168,332	62.5					
Difference	Vanguard Total Stock Mkt (VTSAX)	1,426,124	0.9	N/A	N/A	N/A	N/A	N/A
MUS. Equity (MF) Median Vanguard Total Stock Mkt (VTSAX) - 0.0	CRSP U.S. Total Market TR Index			-17.98 (53)	32.11 (50)	14.99 (33)	2.92 (34)	17.62 (32)
Vanguard Total Stock Mkt (VTSAX) - 0.0 N/A 32.08 (50) 14.94 (33) 2.88 (34) 17.62 (32) CRSP U.S. Total Market TR Index 10/16 14.99 (33) 2.92 (34) 17.62 (32) Difference N/A - 0.03 - 0.05 - 0.04 - 0.00 (10 U.S. Equity (MF) Median 15.17.39 (31) 3 1.93 (4.43 - 0.15 - 0.04 - 0.00 (10 U.S. Equity (MF) Median 15.17.39 (31) 3 1.93 (4.43 - 0.15 - 0.04 - 0.00 (10 U.S. Equity (MF) Median 15.17.39 (31) 3 1.93 (4.43 - 0.15 - 0.04 - 0.00 (10 U.S. Equity (MF) Median 15.17.39 (31) 3 1.93 (4.43 - 0.15 - 0.04 - 0.00 (10 U.S. Equity (MF) Median 15.17.39 (31) 3 1.93 (4.43 - 0.15 - 0.04 - 0.01 (30) 9.45 (76) (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (76) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30) 9.45 (4.00 (30)	Difference			N/A	N/A	N/A	N/A	N/A
CRSP U.S. Total Market TR Index Difference D	IM U.S. Equity (MF) Median			-17.39	31.93	4.43	0.15	13.34
Difference N/A -0.03 -0.05 -0.04 0.00 13.34 14.5 14.5	Vanguard Total Stock Mkt (VTSAX)	-	0.0	N/A	32.08 (50)	14.94 (33)	2.88 (34)	17.62 (32)
Newton LCV	CRSP U.S. Total Market TR Index			-17.98 (53)	32.11 (50)	14.99 (33)	2.92 (34)	17.62 (32)
Newton LCV				N/A	-0.03	-0.05	-0.04	0.00
Russell 1000 Value Index Difference IM U.S. Large Cap Value Equity (SA+CF) Median Rhumbline LCV 17,453,953 10.8 11,36 (66) 10.67 13.87 12.54 10.67 13.87 12.54 10.67 13.87 12.54 10.87 13.00 13.28 10.8 11.80 11.	IM U.S. Equity (MF) Median			-17.39	31.93	4.43	0.15	13.34
Difference IM U.S. Large Cap Value Equity (SA+CF) Median Rhumbline LCV 17,453,953 10.8 -11.30 -9.57 37.00 -3.28 2.54 11.80 Rhumbline LCV Russell 1000 Value Index -11.36 -11.30	Newton LCV	25,410,780	15.7	-0.69 (4)	48.88 (11)	-7.57 (80)	3.21 (46)	14.27 (28)
Rhumbline LCV	Russell 1000 Value Index			-11.36 (66)	35.01 (59)	-5.03 (66)	4.00 (39)	9.45 (76)
Rhumbline LCV Russell 1000 Value Index Difference IM U.S. Large Cap Value Equity (MF) Median 15,185,910 Difference IM U.S. Large Cap Growth Equity (MF) Median 10,446,710 Difference III U.S. Large Cap Growth Index Difference III U.S. Large Cap Growth Equity (MF) Median 10,446,710 Difference Differe	Difference			10.67	13.87	-2.54	-0.79	4.82
Russell 1000 Value Index Difference 0.06 -0.10 0.06 0.03 -0.02 IM U.S. Large Cap Value Equity (MF) Median 15,185,910 9.4 -22.55 (23) 27.31 (47) 37.55 (35) 3.71 (44) 26.25 (47) Russell 1000 Growth Index Difference 0.04 -0.01 0.02 0.00 -0.05 IM U.S. Large Cap Growth Equity (MF) Median 10,446,710 6.5 -34.14 (90) Difference 0.08 -0.10 0.09 -0.06 0.03 -0.02 0.03 -0.02 0.03 -0.02 0.03 -0.02 0.03 -0.02 0.04 0.05 0.04 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.00	IM U.S. Large Cap Value Equity (SA+CF) Median			-9.57	37.00	-3.28	2.54	11.80
Difference 0.06 -0.10 0.06 0.03 -0.02 0.06 0.03 0.05 0.02 0.06 0.03 0.06 0.03 0.06 0.03 0.06 0.03 0.06 0.03 0.06 0.08 0	Rhumbline LCV	17,453,953	10.8	-11.30 (73)	34.91 (47)	-4.97 (76)	4.03 (53)	9.43 (79)
IM U.S. Large Cap Value Equity (MF) Median -8.72 34.32 -2.04 4.10 12.74 Rhumbline LCG 15,185,910 9.4 -22.55 (23) 27.31 (47) 37.55 (35) 3.71 (44) 26.25 (47) Russell 1000 Growth Index -22.59 (23) 27.32 (46) 37.53 (36) 3.71 (45) 26.30 (46) Difference 0.04 -0.01 0.02 0.00 -0.05 IM U.S. Large Cap Growth Equity (MF) Median -27.12 27.17 35.41 3.17 25.67 Polen Capital LCG 10,446,710 6.5 -34.14 (90) N/A N/A N/A N/A Russell 1000 Growth Index -22.59 (40) 27.32 (49) 37.53 (31) 3.71 (52) 26.30 (39) Difference -11.55 N/A N/A N/A N/A	Russell 1000 Value Index			-11.36 (73)	35.01 (47)	-5.03 (77)	4.00 (53)	9.45 (79)
Rhumbline LCG Russell 1000 Growth Index Difference IM U.S. Large Cap Growth Equity (MF) Median Polen Capital LCG Russell 1000 Growth Index 10,446,710 6.5 -22.59 (23) 7.31 (47) 7.37.55 (35) 7.37.53 (36) 7.37.53 (36) 7.37.53 (36) 7.37.53 (36) 7.38.41 7.3	Difference			0.06		0.06	0.03	
Russell 1000 Growth Index -22.59 (23) 27.32 (46) 37.53 (36) 3.71 (45) 26.30 (46) Difference 0.04 -0.01 0.02 0.00 -0.05 IM U.S. Large Cap Growth Equity (MF) Median -27.12 27.17 35.41 3.17 25.67 Polen Capital LCG 10,446,710 6.5 -34.14 (90) N/A N/A N/A N/A Russell 1000 Growth Index -22.59 (40) 27.32 (49) 37.53 (31) 3.71 (52) 26.30 (39) Difference -11.55 N/A N/A N/A N/A	IM U.S. Large Cap Value Equity (MF) Median			-8.72	34.32	-2.04	4.10	12.74
Difference 0.04 -0.01 0.02 0.00 -0.05 IM U.S. Large Cap Growth Equity (MF) Median -27.12 27.17 35.41 3.17 25.67 Polen Capital LCG 10,446,710 6.5 -34.14 (90) N/A N/A N/A N/A Russell 1000 Growth Index -22.59 (40) 27.32 (49) 37.53 (31) 3.71 (52) 26.30 (39) Difference -11.55 N/A N/A N/A N/A	Rhumbline LCG	15,185,910	9.4	-22.55 (23)	27.31 (47)	37.55 (35)	3.71 (44)	26.25 (47)
IM U.S. Large Cap Growth Equity (MF) Median -27.12 27.17 35.41 3.17 25.67 Polen Capital LCG 10,446,710 6.5 -34.14 (90) N/A N/A N/A N/A Russell 1000 Growth Index -22.59 (40) 27.32 (49) 37.53 (31) 3.71 (52) 26.30 (39) Difference -11.55 N/A N/A N/A N/A	Russell 1000 Growth Index			-22.59 (23)	27.32 (46)	37.53 (36)	3.71 (45)	26.30 (46)
Polen Capital LCG 10,446,710 6.5 -34.14 (90) N/A N/A N/A N/A N/A N/A N/A N/A Russell 1000 Growth Index -22.59 (40) 27.32 (49) 37.53 (31) 3.71 (52) 26.30 (39) Difference -11.55 N/A N/A N/A N/A N/A N/A	Difference							
Russell 1000 Growth Index -22.59 (40) 27.32 (49) 37.53 (31) 3.71 (52) 26.30 (39) Difference -11.55 N/A N/A N/A N/A N/A	IM U.S. Large Cap Growth Equity (MF) Median			-27.12	27.17	35.41	3.17	25.67
Difference -11.55 N/A N/A N/A N/A N/A	Polen Capital LCG	10,446,710	6.5	-34.14 (90)			N/A	N/A
				-22.59 (40)	27.32 (49)	37.53 (31)	3.71 (52)	26.30 (39)
IM U.S. Large Cap Growth Equity (SA+CF) Median -25.12 27.23 33.78 3.80 24.84								
2 3 2 1 2 7 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2	IM U.S. Large Cap Growth Equity (SA+CF) Median			-25.12	27.23	33.78	3.80	24.84





	Allocatio	n			Performance(%)		
	Market Value \$	%	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
Rhumbline MC	26,312,857	16.3	-15.23 (52)	43.61 (31)	-2.11 (58)	-2.49 (79)	14.16 (43)
S&P MidCap 400 Index			-15.25 (52)	43.68 (30)	-2.16 (58)	-2.49 (79)	14.21 (43)
Difference			0.02	-0.07	0.05	0.00	-0.05
IM U.S. Mid Cap Equity (MF) Median			-14.70	38.48	1.40	2.89	13.02
Mass Mutual Small Cap (MSOOX)	2,469,733	1.5	N/A	N/A	N/A	N/A	N/A
Russell 2000 Index			-23.50 (65)	47.68 (53)	0.39 (40)	-8.89 (57)	15.24 (41)
Difference			N/A	N/A	N/A	N/A	N/A
IM U.S. Small Cap Equity (MF) Median			-19.95	48.49	-4.24	-8.26	13.44
Delaware Small Cap Core (DCZRX)	2,462,266	1.5	N/A	N/A	N/A	N/A	N/A
Russell 2000 Index			-23.50 (89)	47.68 (69)	0.39 (15)	-8.89 (61)	15.24 (24)
Difference			N/A	N/A	N/A	N/A	N/A
IM U.S. Small Cap Core Equity (MF) Median			-18.44	51.01	-8.26	-8.11	11.70



	Allocatio	n			Performance(%)		
	Market Value \$	%	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
Total International Equity			•	•	•	•	•
Harding Loevner Intl Equity (HLIZX)	8,222,029	5.1	-27.22 (44)	20.58 (64)	14.11 (29)	-3.30 (62)	5.86 (11)
MSCI EAFE Index			-24.75 (26)	26.29 (34)	0.93 (69)	-0.82 (41)	3.25 (21)
Difference			-2.47	-5.71	13.18	-2.48	2.61
IM International Equity (MF) Median			-28.15	23.07	6.53	-1.89	0.18
Vanguard EM Index (VEMIX)	7,628,900	4.7	-24.29 (16)	18.42 (57)	N/A	N/A	N/A
FTSE Emerging Mkts All Cap China A Inclusion Index	,,		-23.89 (14)	20.14 (46)	9.82 (54)	1.49 (40)	-2.51 (36)
Difference			-0.40	-1.72	N/A	N/A	N/A
IM Emerging Markets Equity (MF) Median			-29.88	19.25	10.39	0.25	-3.86
Total Fixed Income Composite	30.981.079	19.2	-9.63	-0.89	5.50	7.48	0.00
Total Fixed Income Index	,,		-10.14	-0.40	6.32	8.17	-1.04
Difference			0.51	-0.49	-0.82	-0.69	1.04
Garcia Hamilton Fixed Income	19,286,237	11.9	-8.72 (17)	-0.89 (99)	5.50 (83)	7.48 (77)	N/A
Bloomberg Intermediate US Govt/Credit Idx	, ,		-10.14 (63)	-0.40 (88)	6.32 (59)	8.17 (39)	-0.96 (95
Difference			1.42	-0.49	-0.82	-0.69	N/A
IM U.S. Intermediate Duration (SA+CF) Median			-10.00	0.27	6.43	8.01	-0.36
Baird Inter Bond Fund (BIMIX)	5,894,699	3.6	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx			-10.14 (66)	-0.40 (71)	6.32 (26)	8.17 (14)	-0.96 (54)
Difference			N/A	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median			-8.90	0.21	5.20	6.02	-0.88
Western Asset Inter Bond (WABSX)	5,800,143	3.6	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermed Aggregate Index			-11.49 (78)	-0.38 (71)	5.66 (42)	8.08 (15)	-0.93 (53)
Difference			N/A	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median			-8.90	0.21	5.20	6.02	-0.88
Total Real Return Composite	9,814,183	6.1					
JPMorgan Income Builder Fund (JNBZX)	4,907,850	3.0	-14.92 (51)	15.53 (57)	0.69 (66)	N/A	N/A
50% MSCI World Value/ 50% BBA	, ,		-13.43 (40)	14.65 (64)	-0.25 (71)	5.80 (24)	N/A
Difference			-1.49	0.88	0.94	N/A	N/A
IM Flexible Portfolio (MF) Median			-14.79	16.31	2.56	2.63	3.45
Blackrock Multi-Asset Income (BKMIX)	4,906,333	3.0	-14.36 (46)	12.13 (77)	2.39 (53)	6.39 (19)	N/A
50% MSCI World Value/ 50% BBA	,,		-13.43 (40)	14.65 (64)	-0.25 (71)	5.80 (24)	N/A
Difference			-0.93	-2.52	2.64	0.59	N/A
IM Flexible Portfolio (MF) Median			-14.79	16.31	2.56	2.63	3.45

AllianzGI FI Convert Fund was taken out of Total Fixed Income composite as of 10/1/2016. * Found on IRR page.



	Allocation	1					
	Market Value \$	%	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018
Deerpath Capital Advantage VI *	1,226,354	8.0					
Deerpath Capital VI, LP *	1,816,998	1.1					
R&D Cash	899,075	0.6					



Asset Allocation & Performance					
		0-4-004-	Performance(%)	0-4-0040	0 10015
	Oct-2016 To	Oct-2015 To	Oct-2014 To	Oct-2013 To	Oct-2012 To
	Sep-2017	Sep-2016	Sep-2015	Sep-2014	Sep-2013
Total Fund Composite	13.03	10.68	0.48	12.47	13.40
Policy Index	12.18	11.13	0.05	10.98	11.68
Difference	0.85	-0.45	0.43	1.49	1.72
Total Equity Composite	19.43	14.32	-0.50	16.60	22.52
Total Equity Index	18.57	14.84	-1.30	15.96	21.23
Difference	0.86	-0.52	0.80	0.64	1.29
Total Domestic Equity					
/anguard Total Stock Mkt (VTSAX)	N/A	N/A	N/A	N/A	N/A
CRSP U.S. Total Market TR Index	18.64 (40)	14.99 (28)	-0.55 (46)	17.77 (23)	21.59 (55)
Difference	N/A	N/A	N/A	N/A	N/A
IM U.S. Equity (MF) Median	17.56	12.15	-0.93	13.77	22.53
/anguard Total Stock Mkt (VTSAX)	N/A	N/A	N/A	N/A	N/A
CRSP U.S. Total Market TR Index	18.64 (40)	14.99 (28)	-0.55 (46)	17.77 (23)	21.59 (55)
Difference	N/A	N/A	N/A	N/A	N/A
IM U.S. Equity (MF) Median	17.56	12.15	-0.93	13.77	22.53
Newton LCV	19.42 (33)	15.54 (30)	-3.23 (47)	20.35 (26)	27.45 (21)
Russell 1000 Value Index	15.12 (77)	16.19 (25)	-4.42 (63)	18.89 (42)	22.30 (58)
Difference	4.30	-0.65	1.19	1.46	5.15
IM U.S. Large Cap Value Equity (SA+CF) Median	17.80	13.34	-3.39	18.35	23.42
Rhumbline LCV	15.13 (90)	16.17 (24)	-4.56 (69)	18.82 (39)	22.20 (67)
Russell 1000 Value Index	15.12 (90)	16.19 (24)	-4.42 (69)	18.89 (38)	22.30 (67)
Difference	0.01	-0.02	-0.14	-0.07	-0.10
IM U.S. Large Cap Value Equity (MF) Median	18.48	14.37	-3.48	18.20	23.41
Rhumbline LCG	21.93 (42)	13.70 (22)	3.17 (58)	19.11 (41)	19.24 (65)
Russell 1000 Growth Index	21.94 (41)	13.76 (21)	3.17 (58)	19.15 (40)	19.27 (64)
Difference	-0.01	-0.06	0.00	-0.04	-0.03
IM U.S. Large Cap Growth Equity (MF) Median	21.43	12.06	3.79	18.32	21.12
Polen Capital LCG	N/A	N/A	N/A	N/A	N/A
Russell 1000 Growth Index	21.94 (39)	13.76 (22)	3.17 (58)	19.15 (39)	19.27 (65)
Difference	N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median	21.08	11.85	3.89	18.17	20.28

AllianzGI FI Convert Fund was taken out of Total Fixed Income composite as of 10/1/2016. * Found on IRR page.



	Performance(%)								
	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				
Rhumbline MC	17.50 (48)	15.10 (24)	1.47 (43)	11.81 (67)	27.55 (63)				
S&P MidCap 400 Index	17.52 (48)	15.33 (22)	1.40 (43)	11.82 (67)	27.68 (62)				
Difference	-0.02	-0.23	0.07	-0.01	-0.13				
IM U.S. Mid Cap Equity (MF) Median	17.35	12.20	0.76	13.36	28.45				
Mass Mutual Small Cap (MSOOX)	N/A	N/A	N/A	N/A	N/A				
Russell 2000 Index	20.74 (30)	15.47 (31)	1.25 (48)	3.93 (60)	30.06 (50)				
Difference	N/A	N/A	N/A	N/A	N/A				
IM U.S. Small Cap Equity (MF) Median	19.18	12.99	0.97	4.69	29.97				
Delaware Small Cap Core (DCZRX)	N/A	N/A	N/A	N/A	N/A				
Russell 2000 Index	20.74 (28)	15.47 (39)	1.25 (45)	3.93 (71)	30.06 (42)				
Difference	N/A	N/A	N/A	N/A	N/A				
IM U.S. Small Cap Core Equity (MF) Median	18.98	14.43	0.91	5.45	29.24				

			Performance(%)		
	Oct-2016	Oct-2015	Oct-2014	Oct-2013	Oct-2012
	To Sep-2017	To Sep-2016	To Sep-2015	To Sep-2014	To Sep-2013
Total International Equity	Зер-201 <i>1</i>	3ep-2016	3ep-2015	3ep-2014	3ep-2013
Harding Loevner Intl Equity (HLIZX)	18.56 (58)	N/A	N/A	N/A	N/A
MSCI EAFE Index	19.65 (48)	7.06 (65)	-8.27 (47)	4.70 (44)	24.29 (20)
Difference	-1.09	N/A	N/A	N/A	N/A
IM International Equity (MF) Median	19.37	9.31	-8.71	4.26	17.85
Vanguard EM Index (VEMIX)	N/A	N/A	N/A	N/A	N/A
FTSE Emerging Mkts All Cap China A Inclusion Index	19.49 (64)	16.11 (49)	-16.91 (36)	7.32 (19)	0.97 (64)
Difference	N/A	N/A	N/A	N/A	N/A
IM Emerging Markets Equity (MF) Median	21.20	15.77	-18.47	4.15	2.35
Total Fixed Income Composite	0.33	4.95	1.36	4.05	-1.24
Total Fixed Income Index	0.16	5.43	1.83	3.65	-1.51
Difference	0.17	-0.48	-0.47	0.40	0.27
Garcia Hamilton Fixed Income	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx	0.23 (87)	3.52 (75)	2.68 (50)	2.20 (84)	-0.50 (67)
Difference	N/A	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration (SA+CF) Median	0.70	3.89	2.67	2.87	-0.25
Baird Inter Bond Fund (BIMIX)	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx	0.23 (61)	3.52 (18)	2.68 (13)	2.20 (40)	-0.50 (33)
Difference	N/A	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median	0.48	2.75	1.55	1.81	-1.17
Western Asset Inter Bond (WABSX)	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermed Aggregate Index	0.25 (61)	3.57 (17)	2.95 (10)	2.74 (18)	-0.71 (38)
Difference	N/A	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median	0.48	2.75	1.55	1.81	-1.17
Total Real Return Composite					
JPMorgan Income Builder Fund (JNBZX)	N/A	N/A	N/A	N/A	N/A
50% MSCI World Value/ 50% BBA	N/A	N/A	N/A	N/A	N/A
Difference	N/A	N/A	N/A	N/A	N/A
IM Flexible Portfolio (MF) Median	9.51	8.68	-4.37	8.19	8.68
Blackrock Multi-Asset Income (BKMIX)	N/A	N/A	N/A	N/A	N/A
50% MSCI World Value/ 50% BBA	N/A	N/A	N/A	N/A	N/A
Difference	N/A	N/A	N/A	N/A	N/A
IM Flexible Portfolio (MF) Median	9.51	8.68	-4.37	8.19	8.68

Total Alternatives



AllianzGI FI Convert Fund was taken out of Total Fixed Income composite as of 10/1/2016. * Found on IRR page.

_			Performance(%)		
	Oct-2016	Oct-2015	Oct-2014	Oct-2013	Oct-2012
	То	То	То	То	То
	Sep-2017	Sep-2016	Sep-2015	Sep-2014	Sep-2013

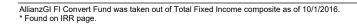
Deerpath Capital Advantage VI *

Deerpath Capital VI, LP *

R&D Cash



	A !! a a = 4! =	n					Perform	anaa(0/)				
	Allocation	on		0.1000	0 1 0010	0 1 0010			0 1 001=	0.10011	0 1 00 10	0 1 0010
	Market Value \$	%	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013
Total Fund Composite	161,756,951	100.0	-14.59 (49)	25.59 (5)	8.93 (45)	3.04 (76)	10.81 (9)	12.85 (26)	10.49 (18)	0.29 (23)	12.25 (6)	13.20 (28)
Policy Index			-15.96 (64)	24.56 (8)	8.33 (53)	3.34 (71)	9.71 (18)	12.18 (41)	11.13 (7)	0.05 (29)	10.98 (21)	11.68 (55)
Difference			1.37	1.03	0.60	-0.30	1.10	0.67	-0.64	0.24	1.27	1.52
All Public Plans-Total Fund Median			-14.76	19.92	8.51	3.99	7.88	11.72	9.37	-0.69	9.64	11.85
Total Equity Composite	117,019,261	72.3	-15.96	34.13	10.74	1.60	15.10	19.23	14.09	-0.53	16.59	22.52
Total Equity Index	, ,		-18.14	33.79	8.72	1.28	14.77	18.57	14.84	-1.30	15.96	21.23
Difference			2.18	0.34	2.02	0.32	0.33	0.66	-0.75	0.77	0.63	1.29
Total Domestic Equity	101,168,332	62.5										
Vanguard Total Stock Mkt (VTSAX)	1,426,124	0.9	N/A									
CRSP U.S. Total Market TR Index	1,420,124	0.5	-17.98	32.11	14.99	2.92	17.62	18.64	14.99	-0.55	17.77	21.59
Difference			N/A									
Vanguard Total Stock Mkt (VTSAX)	-	0.0	N/A	32.08	14.94	2.88	17.62	N/A	N/A	N/A	N/A	N/A
CRSP U.S. Total Market TR Index			-17.98	32.11	14.99	2.92	17.62	18.64	14.99	-0.55	17.77	21.59
Difference			N/A	-0.03	-0.05	-0.04	0.00	N/A	N/A	N/A	N/A	N/A
Newton LCV	25,410,780	15.7	-1.07	48.46	-8.10	3.10	13.80	18.83	15.48	-3.23	20.35	27.45
Russell 1000 Value Index			-11.36	35.01	-5.03	4.00	9.45	15.12	16.19	-4.42	18.89	22.30
Difference			10.29	13.45	-3.07	-0.90	4.35	3.71	-0.71	1.19	1.46	5.15
Rhumbline LCV	17,453,953	10.8	-11.34	34.86	-5.02	4.00	9.39	15.07	16.10	-4.64	18.81	22.20
Russell 1000 Value Index			-11.36	35.01	-5.03	4.00	9.45	15.12	16.19	-4.42	18.89	22.30
Difference			0.02	-0.15	0.01	0.00	-0.06	-0.05	-0.09	-0.22	-0.08	-0.10
Rhumbline LCG	15,185,910	9.4	-22.58	27.25	37.50	3.68	26.21	21.85	13.63	3.10	19.10	19.24
Russell 1000 Growth Index			-22.59	27.32	37.53	3.71	26.30	21.94	13.76	3.17	19.15	19.27
Difference			0.01	-0.07	-0.03	-0.03	-0.09	-0.09	-0.13	-0.07	-0.05	-0.03
Polen Capital LCG	10,446,710	6.5	-34.57	N/A								
Russell 1000 Growth Index			-22.59	27.32	37.53	3.71	26.30	21.94	13.76	3.17	19.15	19.27
Difference			-11.98	N/A								
Rhumbline MC	26,312,857	16.3	-15.27	43.56	-2.14	-2.52	14.11	17.43	15.04	1.39	11.79	27.55
S&P MidCap 400 Index			-15.25	43.68	-2.16	-2.49	14.21	17.52	15.33	1.40	11.82	27.68
Difference			-0.02	-0.12	0.02	-0.03	-0.10	-0.09	-0.29	-0.01	-0.03	-0.13

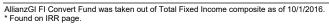




	Allocation	1		Performance(%)								
	Market Value \$	%	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013
Mass Mutual Small Cap (MSOOX)	2,469,733	1.5	N/A									
Russell 2000 Index			-23.50	47.68	0.39	-8.89	15.24	20.74	15.47	1.25	3.93	30.06
Difference			N/A									
Delaware Small Cap Core (DCZRX)	2,462,266	1.5	N/A									
Russell 2000 Index			-23.50	47.68	0.39	-8.89	15.24	20.74	15.47	1.25	3.93	30.06
Difference			N/A									

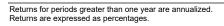


	Allocatio	n					Perform	ance(%)				
	Market Value \$	%	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013
Total International Equity	·											
Harding Loevner Intl Equity (HLIZX)	8,222,029	5.1	-27.22	20.58	14.11	-3.30	5.86	18.56	N/A	N/A	N/A	N/A
MSCI EAFE Index			-24.75	26.29	0.93	-0.82	3.25	19.65	7.06	-8.27	4.70	24.29
Difference			-2.47	-5.71	13.18	-2.48	2.61	-1.09	N/A	N/A	N/A	N/A
Vanguard EM Index (VEMIX)	7,628,900	4.7	-24.29	18.42	N/A							
FTSE Emerging Mkts All Cap China A Inclusion Index			-23.89	20.14	9.82	1.49	-2.51	19.49	16.11	-16.91	7.32	0.97
Difference			-0.40	-1.72	N/A							
Total Fixed Income Composite	30,981,079	19.2	-9.78	-1.08	5.29	7.27	-0.22	0.15	4.81	1.36	4.02	-1.24
Total Fixed Income Index	, , , , , , ,		-10.14	-0.40	6.32	8.17	-1.04	0.16	5.43	1.83	3.65	-1.51
Difference			0.36	-0.68	-1.03	-0.90	0.82	-0.01	-0.62	-0.47	0.37	0.27
Garcia Hamilton Fixed Income	19,286,237	11.9	-8.92	-1.08	5.29	7.27	N/A	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx	.0,200,20.		-10.14	-0.40	6.32	8.17	-0.96	0.23	3.52	2.68	2.20	-0.50
Difference			1.22	-0.68	-1.03	-0.90	N/A	N/A	N/A	N/A	N/A	N/A
Baird Inter Bond Fund (BIMIX)	5,894,699	3.6	N/A									
Bloomberg Intermediate US Govt/Credit Idx	.,,		-10.14	-0.40	6.32	8.17	-0.96	0.23	3.52	2.68	2.20	-0.50
Difference			N/A									
Western Asset Inter Bond (WABSX)	5,800,143	3.6	N/A									
Bloomberg Intermed Aggregate Index			-11.49	-0.38	5.66	8.08	-0.93	0.25	3.57	2.95	2.74	-0.71
Difference			N/A									
Total Real Return Composite	9,814,183	6.1										
JPMorgan Income Builder Fund (JNBZX)	4,907,850	3.0	-14.92	15.53	0.69	N/A						
50% MSCI World Value/ 50% BBA			-13.43	14.65	-0.25	5.80	N/A	N/A	N/A	N/A	N/A	N/A
Difference			-1.49	0.88	0.94	N/A						
Blackrock Multi-Asset Income (BKMIX)	4,906,333	3.0	-14.36	12.13	2.39	6.39	N/A	N/A	N/A	N/A	N/A	N/A
50% MSCI World Value/ 50% BBA			-13.43	14.65	-0.25	5.80	N/A	N/A	N/A	N/A	N/A	N/A
Difference			-0.93	-2.52	2.64	0.59	N/A	N/A	N/A	N/A	N/A	N/A
Total Alternatives	3,043,352	1.9										
Deerpath Capital Advantage VI *	1,226,354	8.0										
Deerpath Capital VI, LP *	1,816,998	1.1										
R&D Cash	899,075	0.6										



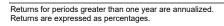


Historical Rolling I	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
03/31/2023	4.33	-5.09	14.79	7.75	8.48
12/31/2022	8.34	-12.65	6.02	6.75	8.41
09/30/2022	-4.37	-14.46	5.46	6.06	8.21
06/30/2022	-12.19	-10.96	7.40	7.75	8.43
03/31/2022	-3.98	7.14	13.49	11.16	8.94
12/31/2021	6.10	18.28	18.94	13.01	9.16
09/30/2021	-0.46	25.73	12.24	12.14	9.03
06/30/2021	5.66	34.73	13.93	12.95	9.12
03/31/2021	6.01	48.74	12.61	12.41	9.00
12/31/2020	12.78	15.34	10.29	11.40	8.87
09/30/2020	6.67	9.07	7.66	9.31	8.51
06/30/2020	16.64	3.27	6.58	6.70	8.35
03/31/2020	-17.80	-8.28	2.12	3.39	7.86
12/31/2019	6.64	23.33	10.54	8.10	8.66
09/30/2019	0.99	3.11	8.94	7.54	8.49
06/30/2019	3.59	6.28	9.74	7.18	8.53
03/31/2019	10.53	4.68	9.58	7.21	8.48
12/31/2018	-10.84	-5.69	6.45	5.58	8.17
09/30/2018	4.10	10.95	11.55	9.42	8.69
06/30/2018	2.03	10.32	8.01	9.53	8.61
03/31/2018	-0.42	10.93	7.15	9.24	8.62
12/31/2017	4.89	16.15	8.27	10.73	8.72
09/30/2017	3.51	13.03	7.92	9.90	8.61
06/30/2017	2.60	12.71	6.45	10.11	8.55
03/31/2017	4.26	13.31	6.85	9.17	8.53
12/31/2016	2.08	10.12	6.19	10.07	8.44
09/30/2016	3.22	10.68	7.75	11.11	8.44
06/30/2016	3.14	1.35	8.23	8.45	8.39
03/31/2016	1.33	-2.12	7.36	7.98	8.35
12/31/2015	2.60	-0.76	9.18	8.46	8.38
09/30/2015	-5.49	0.48	8.62	9.06	8.35
06/30/2015	-0.38	5.61	12.32	11.82	8.69
03/31/2015	2.73	10.00	11.82	10.91	8.80
12/31/2014	3.89	9.58	13.93	11.18	8.77
09/30/2014	-0.67	12.47	15.04	11.00	8.69
06/30/2014	3.76	18.46	11.92	13.06	8.82
03/31/2014	2.34	14.92	10.89	13.71	8.75
12/31/2013	6.63	19.67	11.33	12.39	8.74
09/30/2013	4.62	13.40	10.93	8.82	8.53
06/30/2013	0.66	13.27	11.81	6.27	8.41





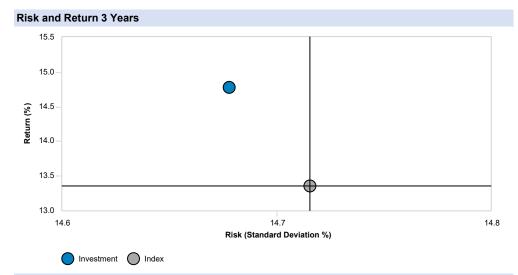
Historical Rolling I	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
03/31/2023	5.13	-5.56	13.36	7.07	8.37
12/31/2022	7.46	-14.51	4.56	5.84	8.27
09/30/2022	-4.43	-15.96	4.28	5.15	8.10
06/30/2022	-12.53	-12.74	6.10	6.78	8.32
03/31/2022	-4.83	5.00	12.21	10.20	8.85
12/31/2021	5.64	16.15	18.06	12.21	9.09
09/30/2021	-0.77	24.56	11.72	11.41	8.98
06/30/2021	5.26	32.90	13.55	12.30	9.08
03/31/2021	5.27	46.89	12.37	11.71	8.98
12/31/2020	13.28	15.13	10.18	10.98	8.87
09/30/2020	5.87	8.33	7.09	8.89	8.49
06/30/2020	16.35	3.00	6.18	6.57	8.36
03/31/2020	-17.49	-8.39	1.76	3.31	7.88
12/31/2019	6.59	23.05	9.98	7.87	8.66
09/30/2019	0.67	3.34	8.34	7.18	8.50
06/30/2019	3.47	6.94	9.27	6.89	8.55
03/31/2019	10.82	5.44	8.94	6.97	8.50
12/31/2018	-10.49	-5.58	5.93	5.22	8.18
09/30/2018	4.18	9.71	11.00	8.72	8.69
06/30/2018	2.02	8.67	7.66	8.72	8.61
03/31/2018	-0.76	9.09	6.81	8.30	8.61
12/31/2017	4.01	14.48	7.92	9.82	8.73
09/30/2017	3.19	12.18	7.64	9.10	8.65
06/30/2017	2.42	12.26	6.29	9.31	8.61
03/31/2017	4.15	12.39	6.79	8.54	8.59
12/31/2016	1.91	9.96	6.06	9.16	8.51
09/30/2016	3.27	11.13	7.26	10.17	8.52
06/30/2016	2.54	2.29	7.59	7.82	8.47
03/31/2016	1.90	-0.61	6.72	7.51	8.45
12/31/2015	3.00	-0.15	8.26	7.90	8.45
09/30/2015	-4.95	0.05	7.44	8.45	8.41
06/30/2015	-0.37	4.57	10.76	11.18	8.73
03/31/2015	2.37	9.02	10.49	10.19	8.84
12/31/2014	3.21	8.66	12.18	10.59	8.83
09/30/2014	-0.66	10.98	13.44	10.63	8.78
06/30/2014	3.87	16.42	10.86	13.04	8.90
03/31/2014	2.03	12.17	9.85	14.37	8.83
12/31/2013	5.41	16.93	10.47	12.67	8.83
09/30/2013	4.21	11.68	10.54	8.80	8.68
06/30/2013	0.08	11.62	11.75	6.78	8.59

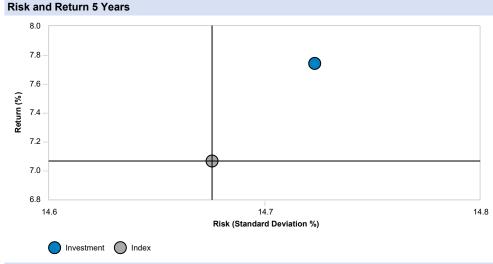


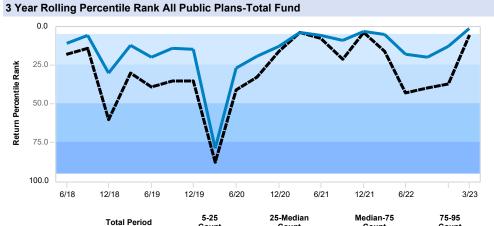


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	14.79	14.68	0.95	104.32	8	99.77	4
Index	13.36	14.72	0.87	100.00	8	100.00	4

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.75	14.72	0.49	102.96	14	100.46	6
Index	7.07	14.68	0.44	100.00	14	100.00	6







Count

2 (10%)

9 (45%)

Count

17 (85%)

9 (45%)

20

20

Count

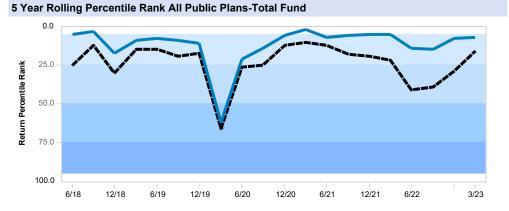
1 (5%)

1 (5%)

Count

0 (0%)

1 (5%)

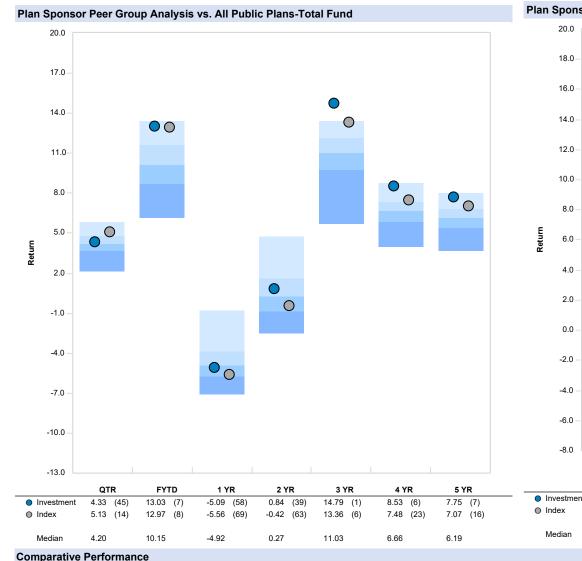


	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	19 (95%)	0 (0%)	1 (5%)	0 (0%)	
Index	20	14 (70%)	5 (25%)	1 (5%)	0 (0%)	



Investment

__ Index



Plan Sponsor Peer Group Analysis vs. All Public Plans-Total Fund 0 00 0 Oct-2016 To Sep-2017 Oct-2014 To Sep-2015 Oct-2017 Oct-2015 Oct-2013 Oct-2012 To Sep-2018 To Sep-2014 To Sep-2013 Sep-2016 10.95 (5) 13.03 (30) 10.68 (23) 0.48 (19) 12.47 (5) 13.40 (36) Investment 9.71 (13) 12.18 (49) 11.68 (66) 11.13 (13) 0.05 (27) 10.98 (27) 12.50

Comparative Perfor	mance					
	1 Qtr Ending Dec-2022	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021
Investment	8.34 (2)	-4.37 (52)	-12.19 (95)	-3.98 (42)	6.10 (5)	-0.46 (83)
Index	7.46 (6)	-4.43 (54)	-12.53 (96)	-4.83 (68)	5.64 (11)	-0.77 (93)
Median	5.60	-4.31	-9.88	-4.28	4.36	0.04

7.55

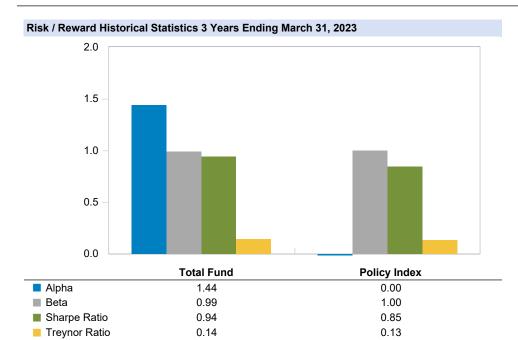
12.10

9.84

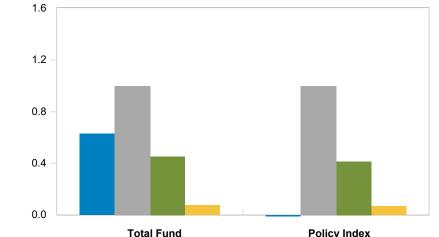
-0.87

9.93





Risk / Reward Historical Statistics 5 Years Ending March 31, 2023



	Total Fund	Policy Index
Alpha	0.63	0.00
■ Beta	1.00	1.00
Sharpe Ratio	0.45	0.41
Treynor Ratio	0.08	0.07

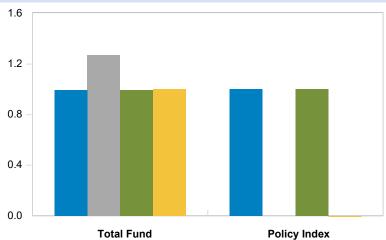
Index Relative Historical Statistics 3 Years Ending March 31, 2023

1.00

1.27

1.00

1.00



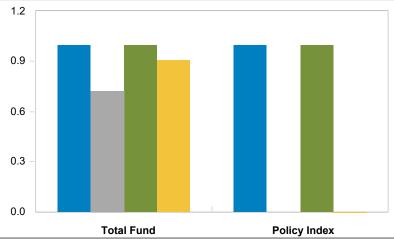
1.00

N/A

1.00

0.00

Index Relative Historical Statis	tics 5 Years Ending March 31, 2023



	Total Fund	Policy Index
Actual Correlation	1.00	1.00
Information Ratio	0.73	N/A
R-Squared	1.00	1.00
Tracking Error	0.91	0.00

Benchmark: Policy Index

■ R-Squared

Tracking Error

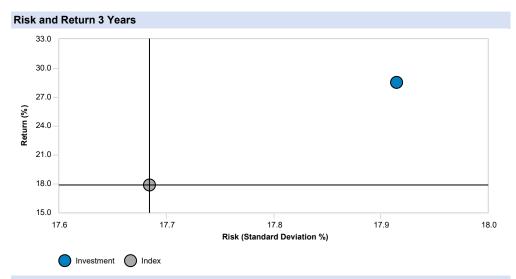
Actual Correlation

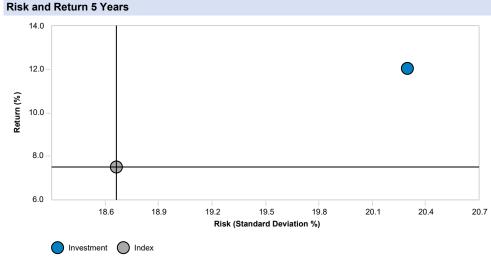
■ Information Ratio



Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	28.51	17.91	1.45	111.04	10	71.37	2				
Index	17.93	17.68	0.97	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	12.06	20.30	0.60	111.49	16	94.74	4				
Index	7.50	18.66	0.41	100.00	14	100.00	6				







5 Y	ear Ro	lling Po	ercentile	Rank IM	l U.S. Laı	rge Cap	Value Eq	uity (SA	+CF)		
Return Percentile Rank	0.0 25.0 -								<u> </u>		
Return	75.0 –							`~~			
	100.0	6/18	12/18	6/19	12/19	6/20	12/20	6/21	12/21	6/22	3/23

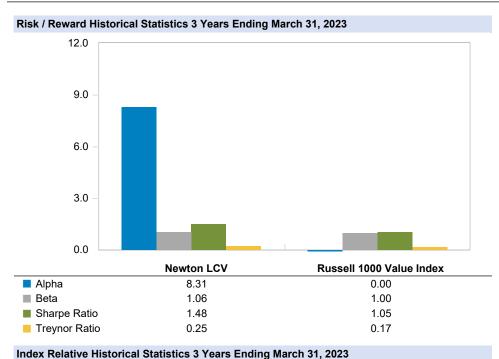
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	10 (50%)	7 (35%)	3 (15%)	0 (0%)	
Index	20	0 (0%)	0 (0%)	15 (75%)	5 (25%)	

	Total Period	Count	Count	Count	Count	
Investment	20	11 (55%)	8 (40%)	1 (5%)	0 (0%)	
Index	20	0 (0%)	0 (0%)	11 (55%)	9 (45%)	



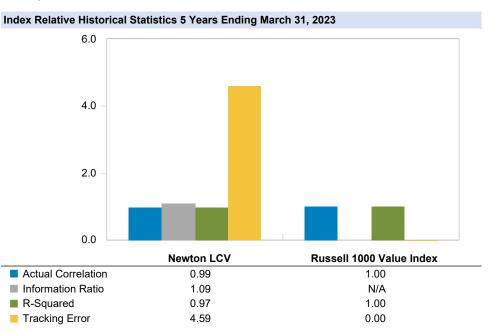






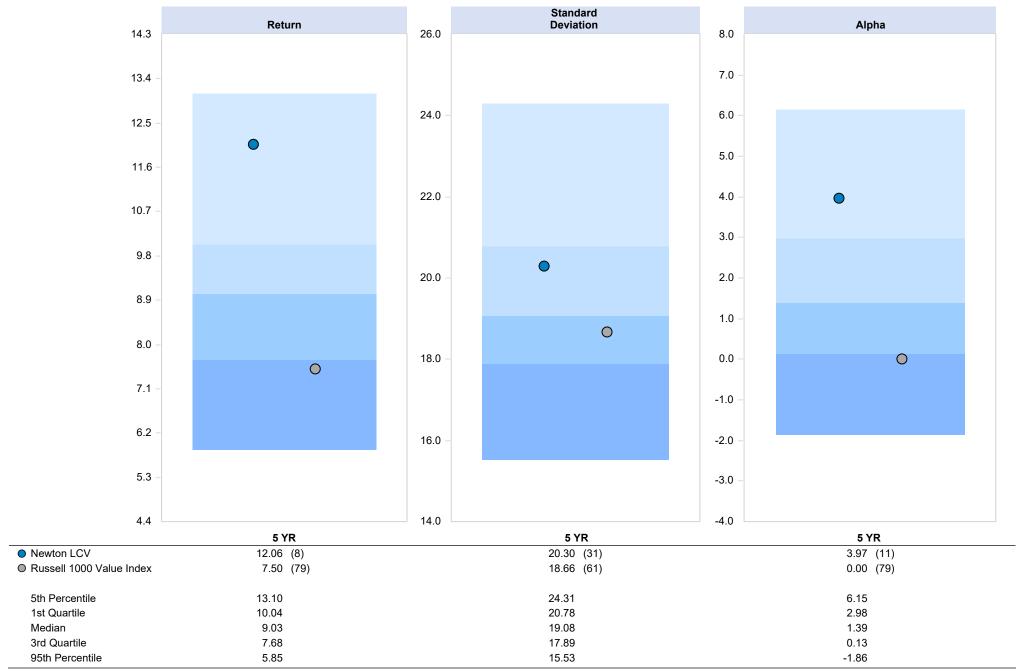
Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 6.0 4.0 2.0 0.0 **Newton LCV** Russell 1000 Value Index Alpha 3.79 0.00 Beta 1.13 1.00 ■ Sharpe Ratio 0.56 0.40 Treynor Ratio 0.12 80.0

6.0 4.0 2.0 0.0 **Newton LCV** Russell 1000 Value Index Actual Correlation 0.98 1.00 ■ Information Ratio 2.56 N/A R-Squared 0.96 1.00 Tracking Error 3.61 0.00



Benchmark: Russell 1000 Value Index



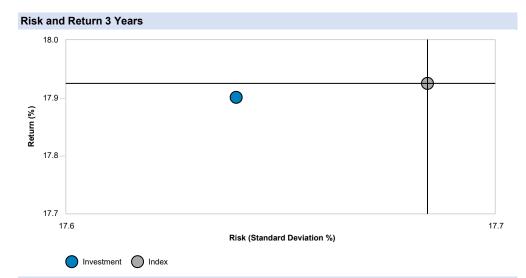


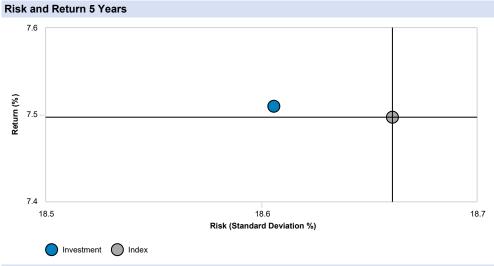
Parentheses contain percentile rankings. Calculation based on monthly periodicity.

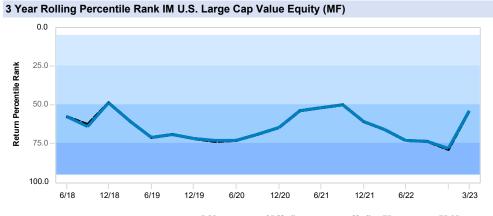


Historical Statistics 3 Years											
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters				
Investment	17.90	17.64	0.97	99.78	8	99.72	4				
Index	17.03	17.69	0.07	100.00	Ω	100.00	1				

Historical Statistics 5 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	7.51	18.61	0.41	99.78	14	99.68	6			
Index	7.50	18.66	0.41	100.00	14	100.00	6			







5 Ye	ear Ro	lling P	ercentile	Rank III	l U.S. Laı	rge Cap	Value Eq	uity (MF)		
	0.0										
ntile Rank	25.0 -										
Return Percentile Rank	50.0 –										
œ	75.0 -										
		6/18	12/18	6/19	12/19	6/20	12/20	6/21	12/21	6/22	3/23

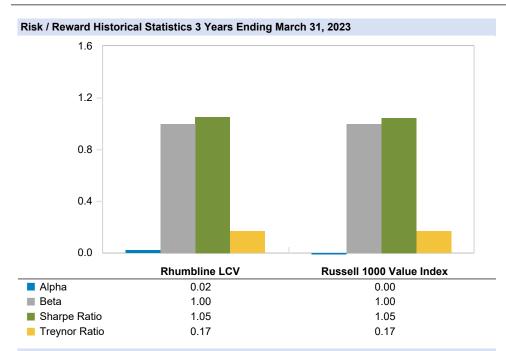
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	0 (0%)	2 (10%)	17 (85%)	1 (5%)	
Index	20	0 (0%)	2 (10%)	17 (85%)	1 (5%)	

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

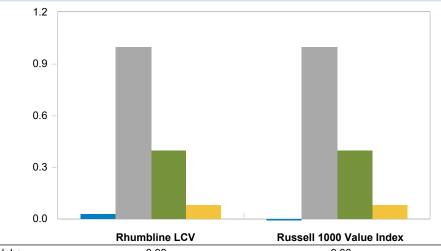








Risk / Reward Historical Statistics 5 Years Ending March 31, 2023



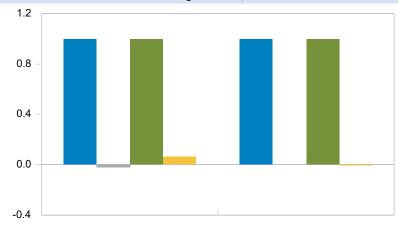
	Rhumbline LCV	Russell 1000 Value Index
Alpha	0.03	0.00
■ Beta	1.00	1.00
Sharpe Ratio	0.40	0.40
Treynor Ratio	0.08	0.08

Index Relative Historical Statistics 3 Years Ending March 31, 2023



	Rhumbline LCV	Russell 1000 Value Index
Actual Correlation	1.00	1.00
Information Ratio	-0.56	N/A
R-Squared	1.00	1.00
Tracking Error	0.05	0.00

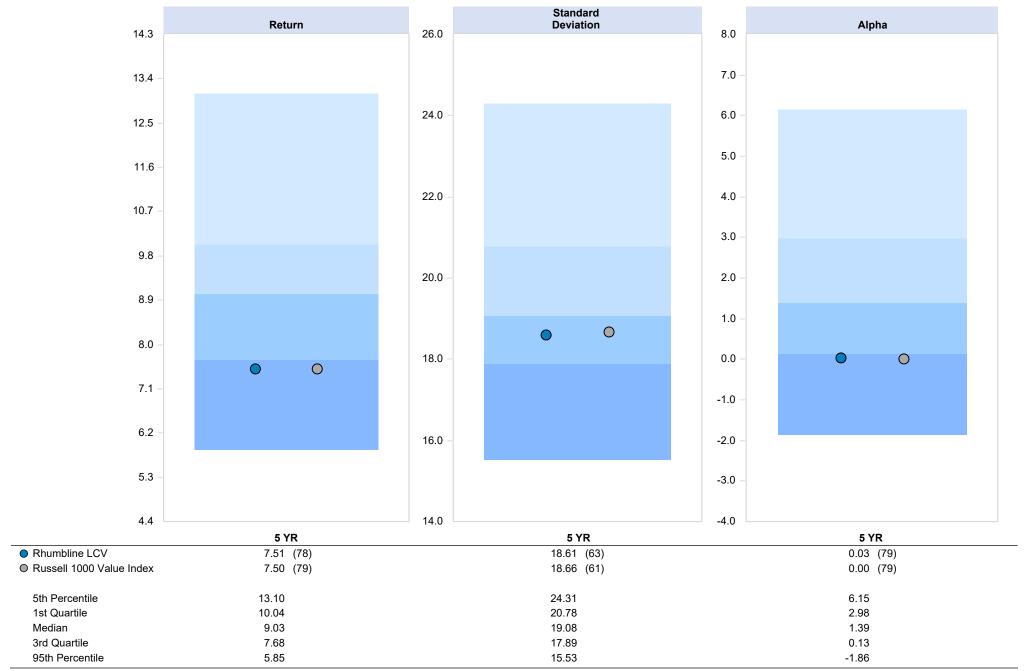
Index Relative Historical Statistics 5 Years Ending March 31, 2023

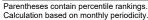


	Rhumbline LCV	Russell 1000 Value Index
Actual Correlation	1.00	1.00
Information Ratio	-0.02	N/A
R-Squared	1.00	1.00
Tracking Error	0.06	0.00

Benchmark: Russell 1000 Value Index



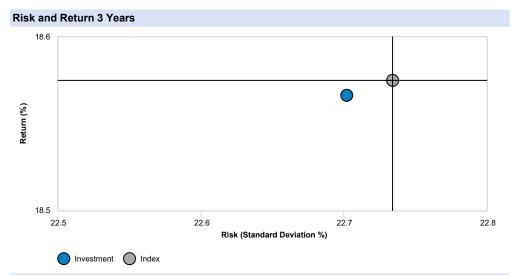


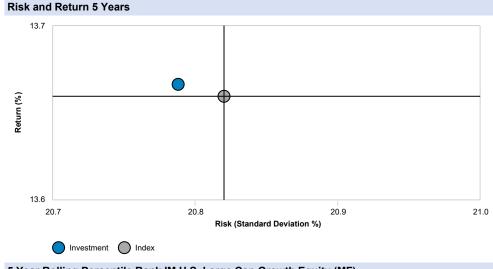




Historical Statistics 3 Years									
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		
Investment	18.57	22.70	0.83	99.89	9	99.86	3		
Index	18.58	22.73	0.83	100.00	9	100.00	3		

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	13.67	20.79	0.65	99.90	15	99.83	5
Index	13.66	20.82	0.65	100.00	15	100.00	5







9 (45%)

9 (45%)

0 (0%)

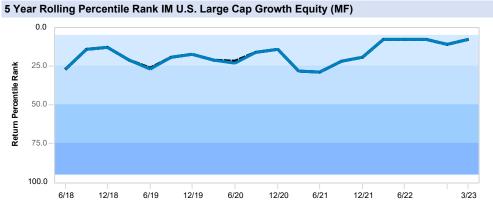
0 (0%)

0 (0%)

0 (0%)

11 (55%)

11 (55%)



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)
Index	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)



Investment

__ Index

20

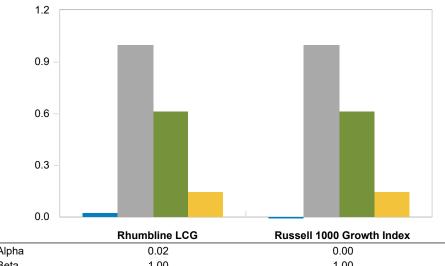
20





Risk / Reward Historical Statistics 3 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 **Rhumbline LCG** Russell 1000 Growth Index Alpha 0.00 0.01 Beta 1.00 1.00 ■ Sharpe Ratio 0.80 0.80 Treynor Ratio 0.19 0.19

Risk / Reward Historical Statistics 5 Years Ending March 31, 2023



	Rhumbline LCG	Russell 1000 Growth Index
Alpha	0.02	0.00
Beta	1.00	1.00
Sharpe Ratio	0.61	0.61
Treynor Ratio	0.14	0.14

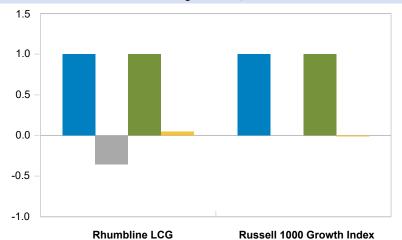
Index Relative Historical Statistics 3 Years Ending March 31, 2023

1.00

-0.35

1.00

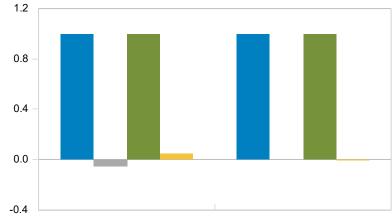
0.05



1.00 N/A

1.00 0.00

ı	ndex Relative	Historical	Statistics 5	Years Endi	ng March 31, 2023	,



	Rhumbline LCG	Russell 1000 Growth Index
Actual Correlation	1.00	1.00
Information Ratio	-0.05	N/A
R-Squared	1.00	1.00
Tracking Error	0.05	0.00

Benchmark: Russell 1000 Growth Index

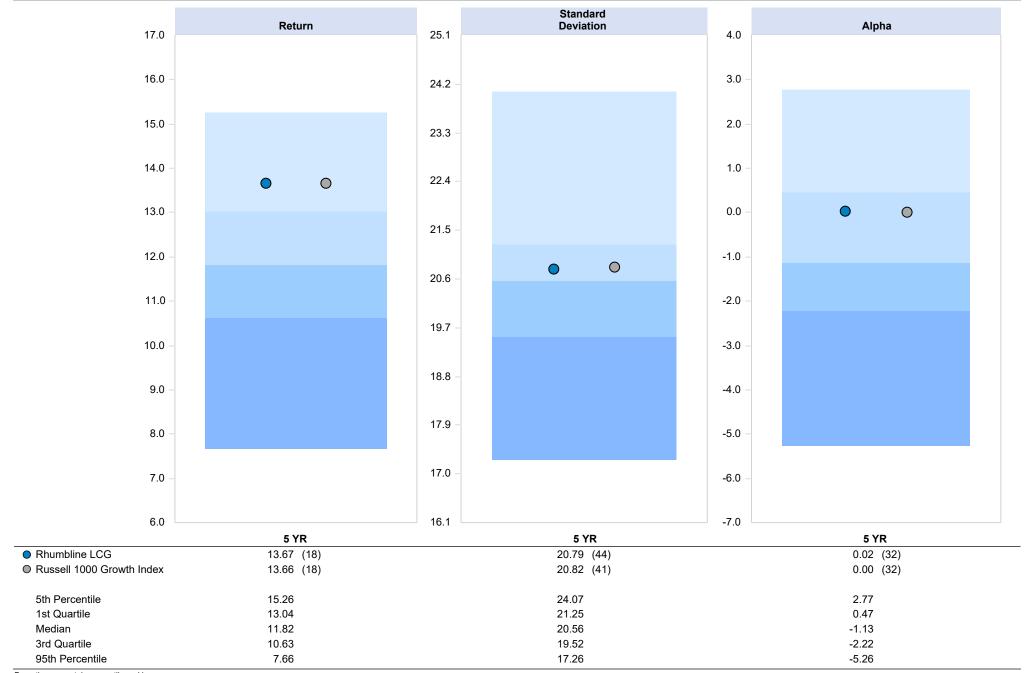
Actual Correlation

■ Information Ratio

■ R-Squared

Tracking Error

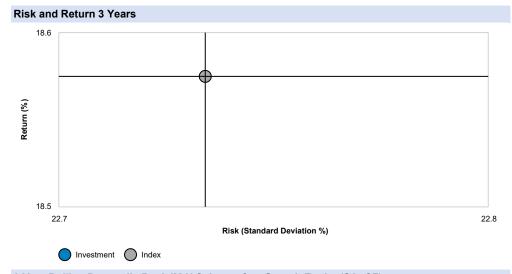


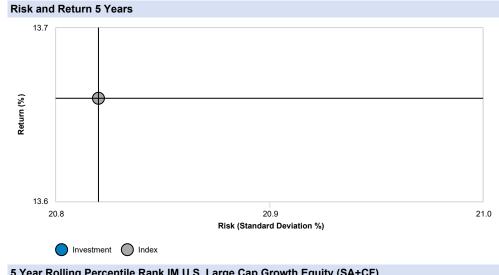


85

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	18 58	22 73	0.83	100.00	q	100.00	3		

Historical Stati	stics 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	13.66	20.82	0.65	100.00	15	100.00	5







5 Yea	ar Ko	lling Pe	ercentile	Rank III	U.S. Lai	ge Cap (Growth E	quity (S	A+CF)		
	0.0										
Rank	25.0 —								- Taken		
Return Percentile Rank	50.0	are at					1				
Retu	75.0 —										
	100.0	6/18	12/18	6/19	12/19	6/20	12/20	6/21	12/21	6/22	3/23

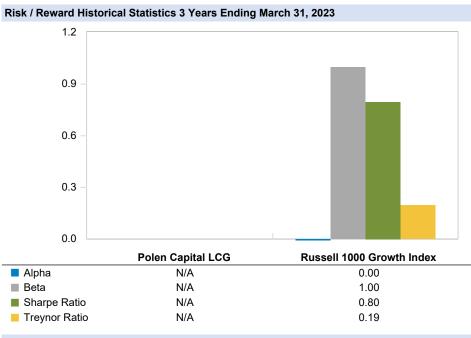
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	6 (30%)	13 (65%)	1 (5%)	0 (0%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	0	0	0	0	0
Index	20	4 (20%)	16 (80%)	0 (0%)	0 (0%)









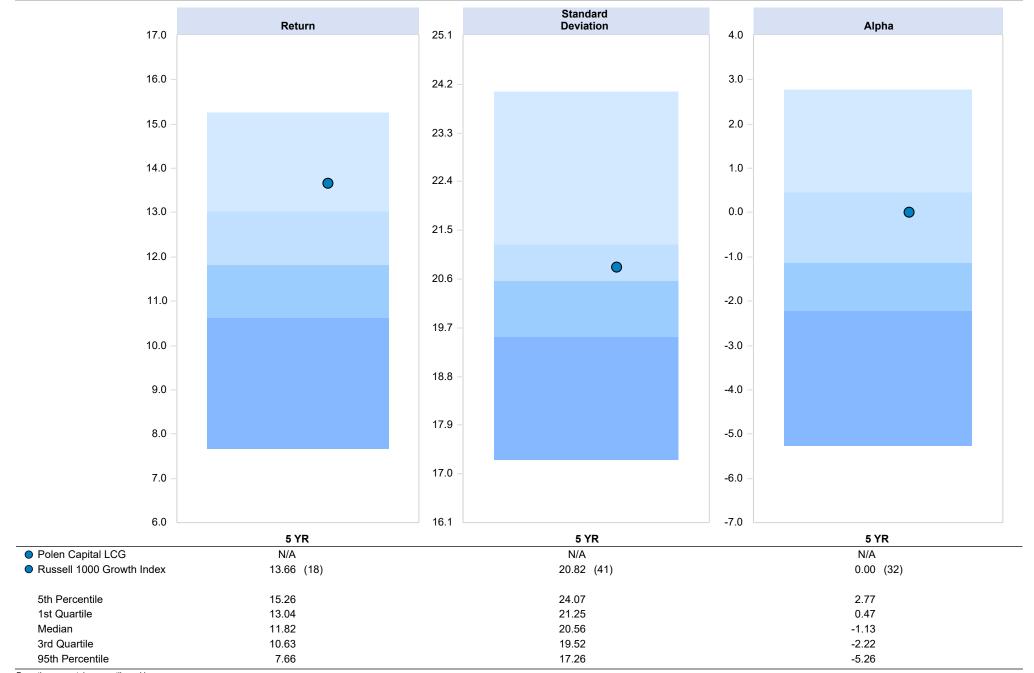
Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 **Polen Capital LCG** Russell 1000 Growth Index Alpha 0.00 N/A Beta N/A 1.00 ■ Sharpe Ratio N/A 0.61

Index Relative Historical Statistics 3 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 Polen Capital LCG Russell 1000 Growth 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 Growth Index

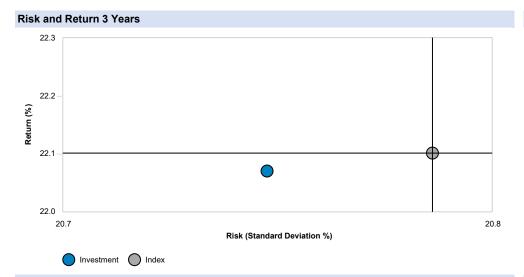


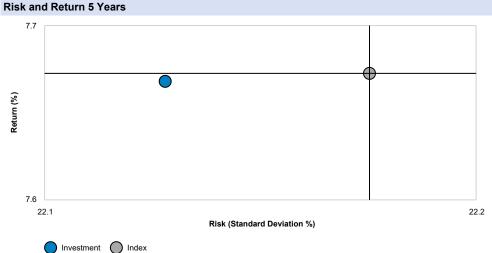


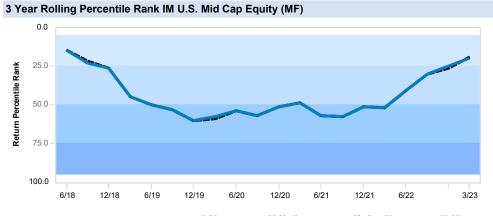
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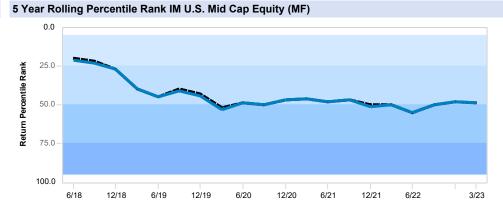
Historical Statistics 3 Years									
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		
Investment	22.07	20.75	1.02	99.82	8	99.79	4		
Index	22 10	20.79	1 02	100.00	8	100.00	4		

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.67	22.13	0.38	99.81	13	99.79	7
Index	7.67	22.18	0.38	100.00	13	100.00	7









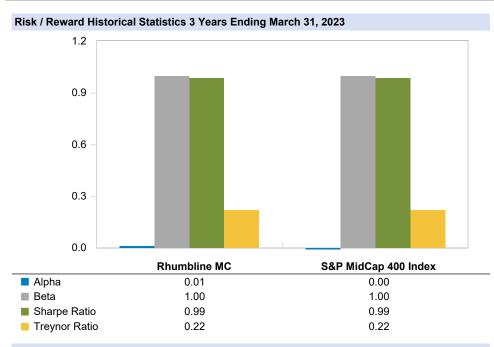
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	4 (20%)	6 (30%)	10 (50%)	0 (0%)	
Index	20	3 (15%)	7 (35%)	10 (50%)	0 (0%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	20	2 (10%)	15 (75%)	3 (15%)	0 (0%)	
Index	20	2 (10%)	16 (80%)	2 (10%)	0 (0%)	

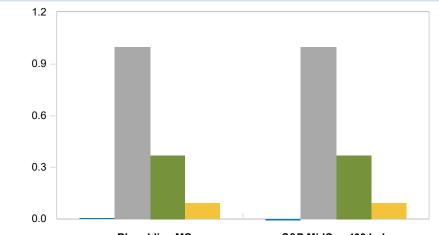






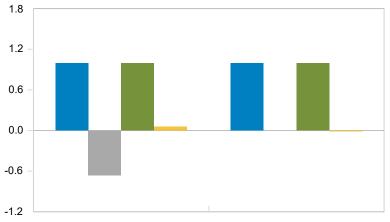


Risk / Reward Historical Statistics 5 Years Ending March 31, 2023



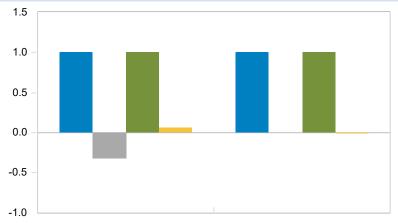
	Rhumbline MC	S&P MidCap 400 Index
Alpha	0.00	0.00
Beta	1.00	1.00
Sharpe Ratio	0.37	0.37
Treynor Ratio	0.09	0.09

Index Relative Historical Statistics 3 Years Ending March 31, 2023



	Rhumbline MC	S&P MidCap 400 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.66	N/A
R-Squared	1.00	1.00
Tracking Error	0.05	0.00

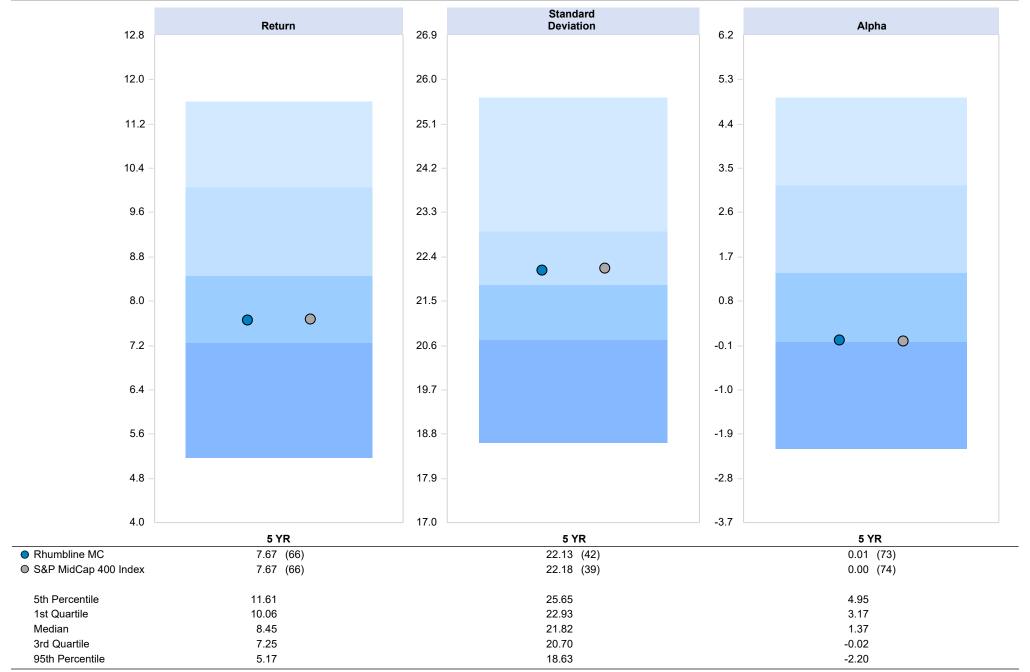
Index Relative Historical Statistics 5 Years Ending March 31, 2023



	Rhumbline MC	S&P MidCap 400 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.32	N/A
R-Squared	1.00	1.00
Tracking Error	0.07	0.00

Benchmark: S&P MidCap 400 Index



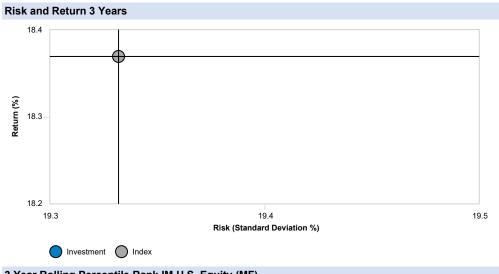


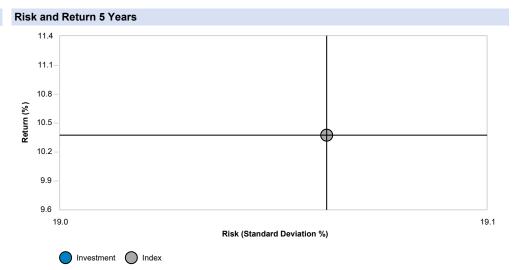
Parentheses contain percentile rankings. Calculation based on monthly periodicity.

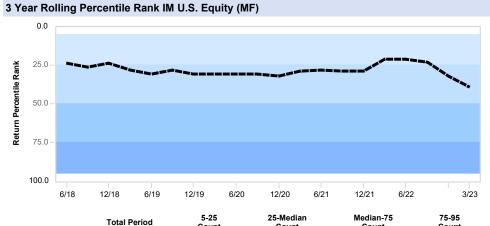


Historical Statistics 3 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Index	18.37	19.33	0.93	100.00	8	100.00	4	

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	10.37	19.06	0.54	100.00	14	100.00	6				







Count

15 (75%)

Count

0 (0%)

Count

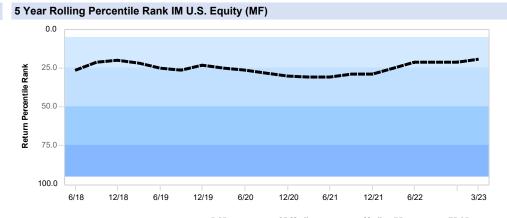
0 (0%)

Count

5 (25%)

0

20

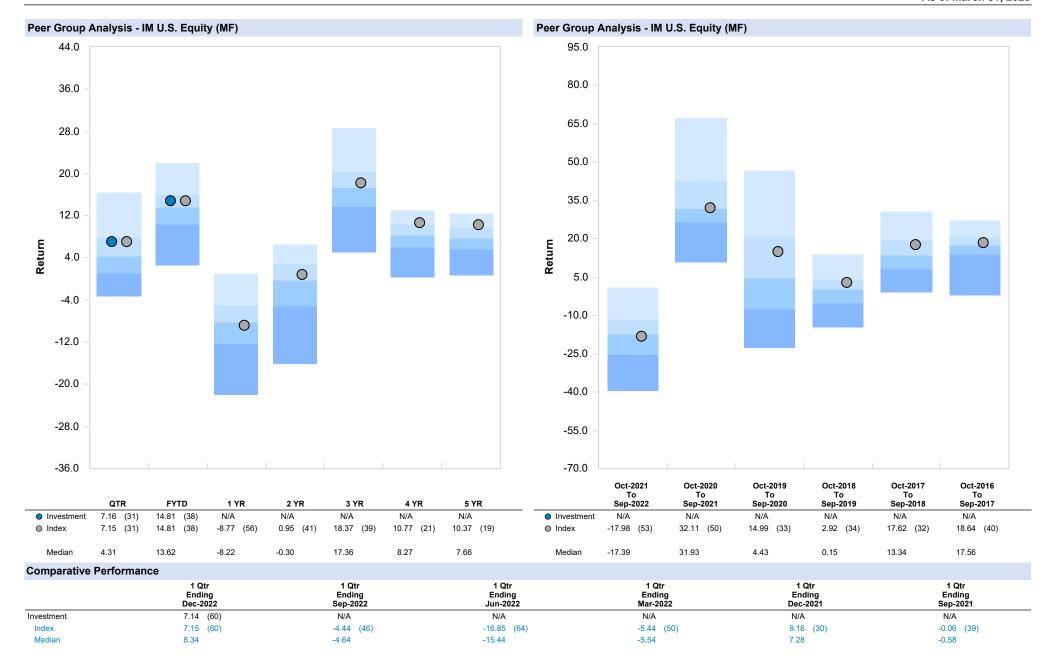


	Total Period	Count	Count	Count	Count	
Investment	0	0	0	0	0	
Index	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)	

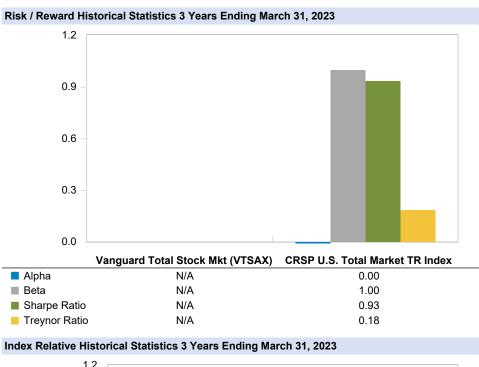


Investment

__ Index

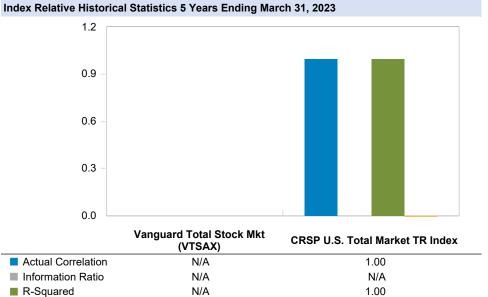






Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 Vanguard Total Stock Mkt (VTSAX) CRSP U.S. Total Market TR Index 0.00 Alpha N/A Beta N/A 1.00 N/A 0.51 Sharpe Ratio Treynor Ratio N/A 0.11





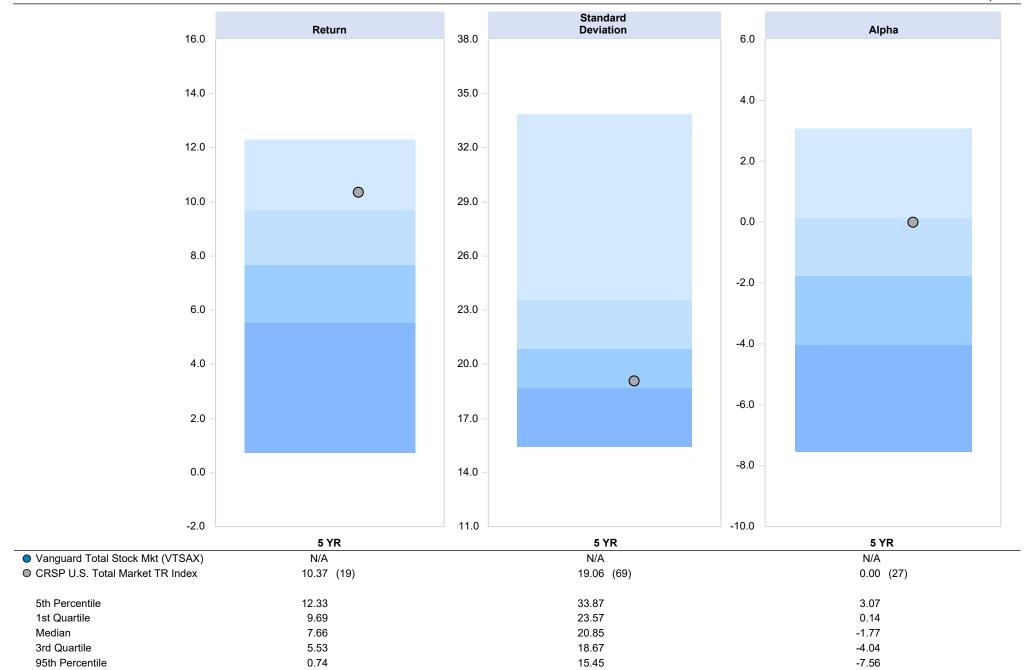
N/A

Tracking Error

Benchmark: CRSP U.S. Total Market TR Index



0.00

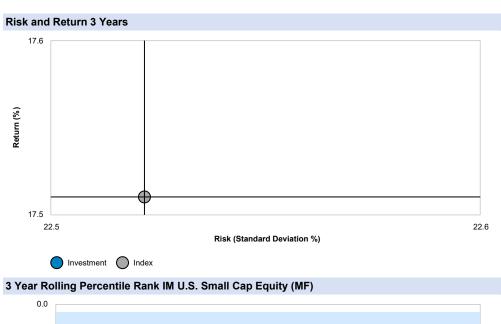


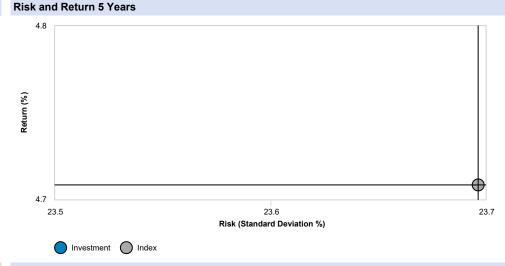
Parentheses contain percentile rankings. Calculation based on monthly periodicity.

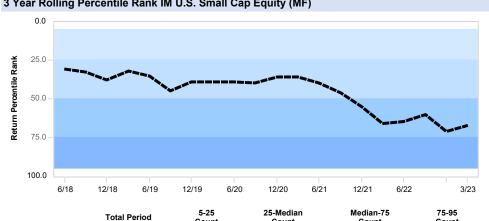


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	17.51	22.52	0.79	100.00	8	100.00	4

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	4.71	23.70	0.26	100.00	13	100.00	7	







14 (70%)

Count

0 (0%)

Count

0 (0%)

Count

6 (30%)



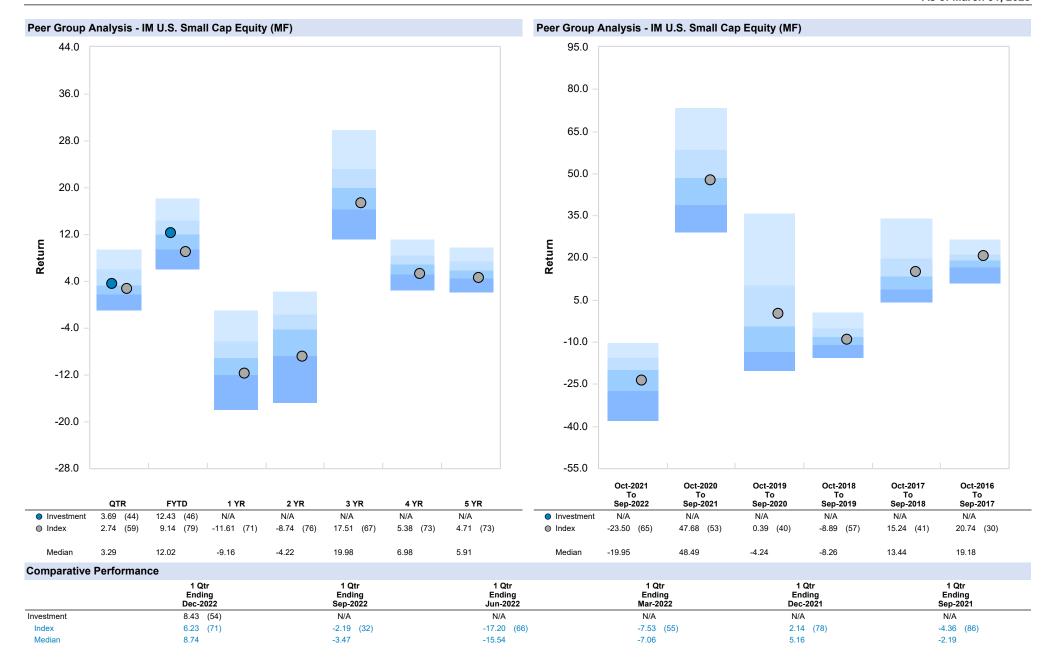
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	0	0	0	0	0
Index	20	0 (0%)	15 (75%)	5 (25%)	0 (0%)



Investment

__ Index

0 20





0.26

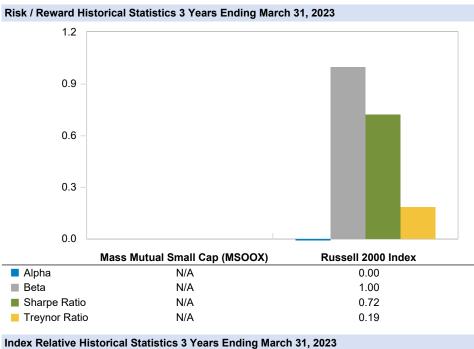
0.07

1.00

N/A

1.00

0.00



Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 Mass Mutual Small Cap (MSOOX) Russell 2000 Index Alpha N/A 0.00 Beta N/A 1.00

N/A

N/A

N/A

N/A

N/A

N/A

■ Sharpe Ratio

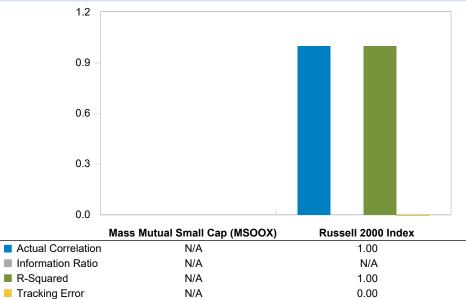
Treynor Ratio

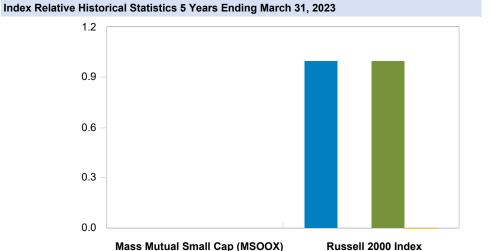
Actual Correlation

■ Information Ratio

R-Squared

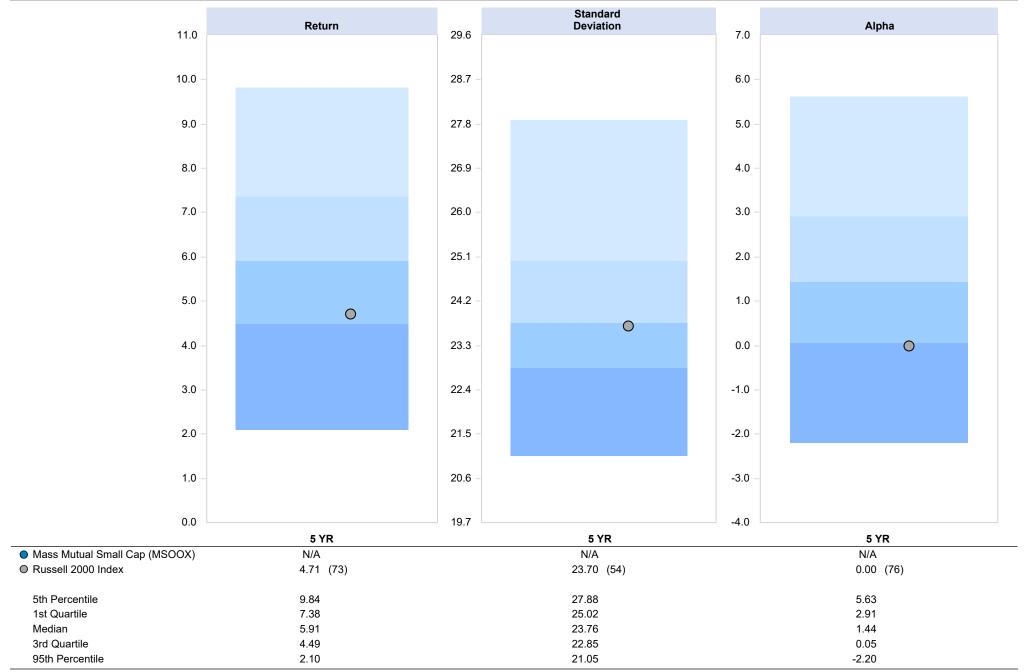
Tracking Error





Benchmark: Russell 2000 Index

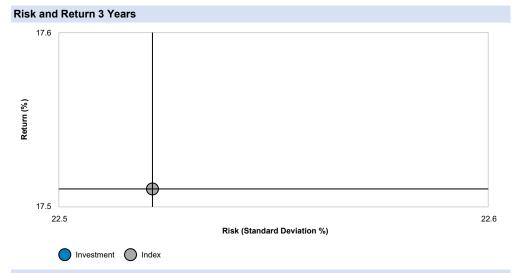


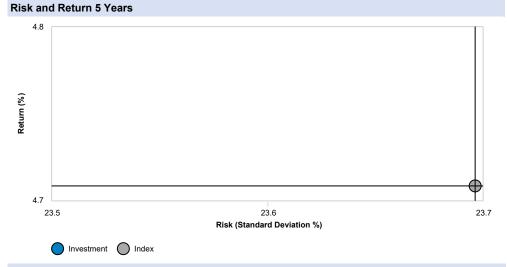


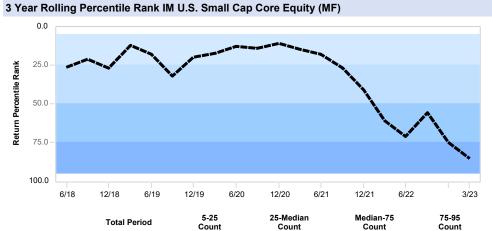


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	17.51	22.52	0.79	100.00	8	100.00	4

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	4.71	23.70	0.26	100.00	13	100.00	7	





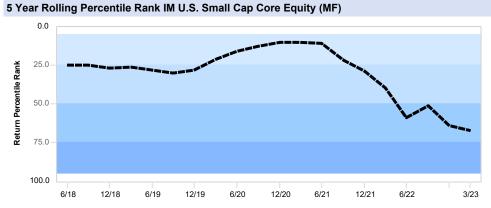


5 (25%)

10 (50%)

1 (5%)

4 (20%)



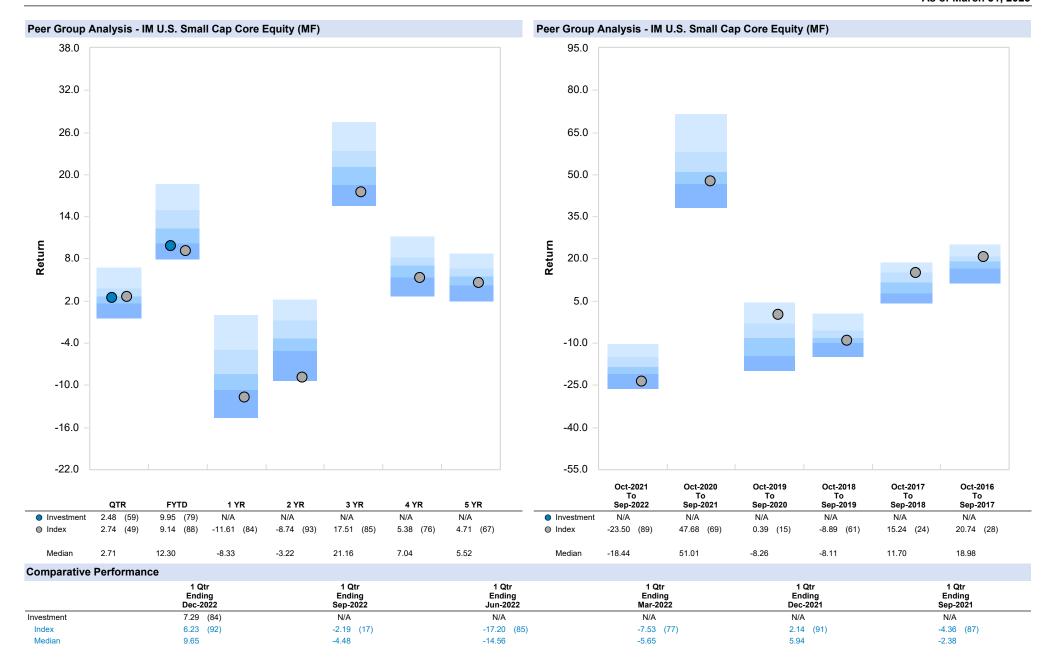
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	9 (45%)	7 (35%)	4 (20%)	0 (0%)	



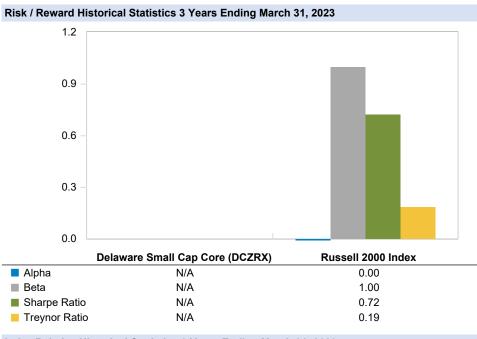
Investment

0

20





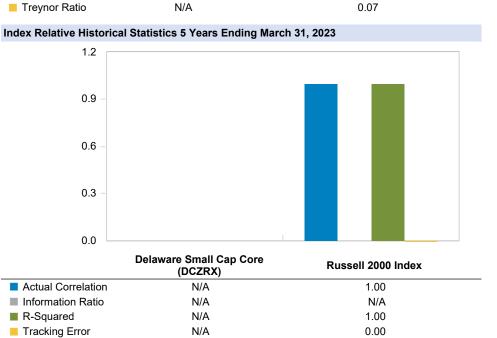


Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 **Delaware Small Cap Core (DCZRX)** Russell 2000 Index Alpha N/A 0.00 Beta N/A 1.00 ■ Sharpe Ratio N/A 0.26

Index Relative Historical Statistics 3 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 **Delaware Small Cap Core** Russell 2000 Index (DCZRX) Actual Correlation N/A 1.00 ■ Information Ratio N/A N/A ■ R-Squared N/A 1.00

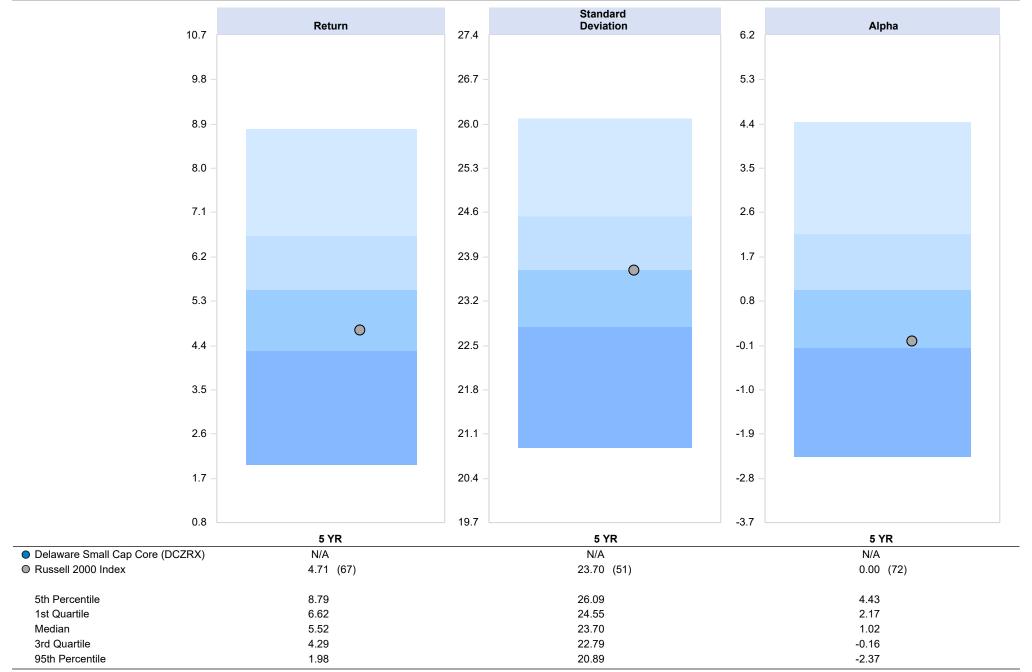
0.00

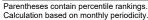
N/A



Benchmark: Russell 2000 Index



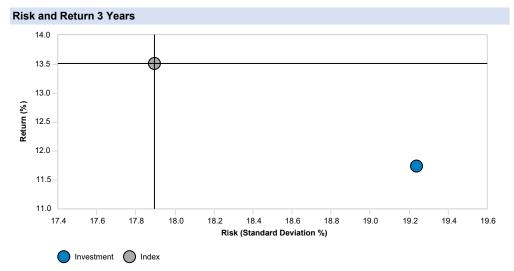


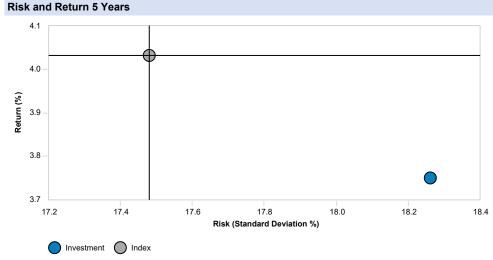


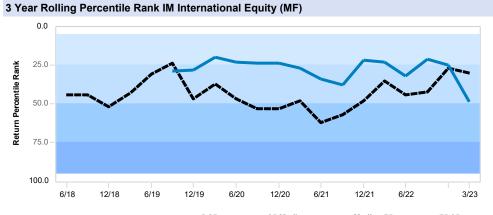


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	11.74	19.24	0.63	99.41	8	106.44	4
Index	13.52	17.90	0.75	100.00	8	100.00	4

Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	3.75	18.26	0.22	100.81	12	101.72	8	
Index	4.03	17.48	0.23	100.00	12	100.00	8	





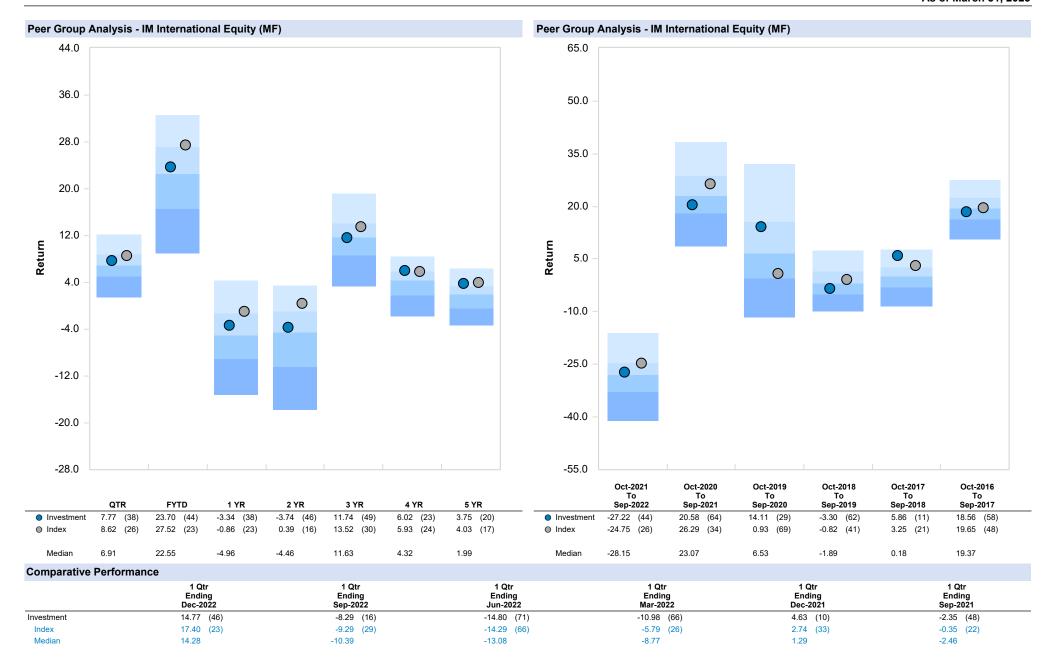


5 Yea	ar Ro	lling P	ercentile	Rank IM	Internat	ional Eq	uity (MF)				
	0.0										
ank	25.0 —								_		
Return Percentile Rank	50.0 —							age			
Return P	75.0 —					*					
	100.0	6/18	12/18	6/19	12/19	6/20	12/20	6/21	12/21	6/22	3/23

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	15	8 (53%)	7 (47%)	0 (0%)	0 (0%)	
Index	20	1 (5%)	14 (70%)	5 (25%)	0 (0%)	

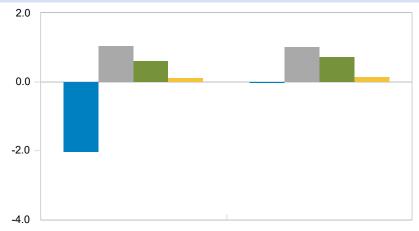
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	7	6 (86%)	1 (14%)	0 (0%)	0 (0%)
Index	20	2 (10%)	14 (70%)	4 (20%)	0 (0%)





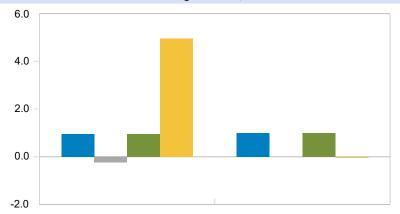


Risk / Reward Historical Statistics 3 Years Ending March 31, 2023



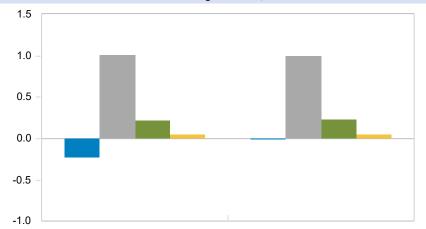
	Harding Loevner Intl Equity (HLIZX)	MSCI EAFE Index
Alpha	-2.01	0.00
■ Beta	1.05	1.00
Sharpe Ratio	0.61	0.73
Treynor Ratio	0.12	0.14

Index Relative Historical Statistics 3 Years Ending March 31, 2023



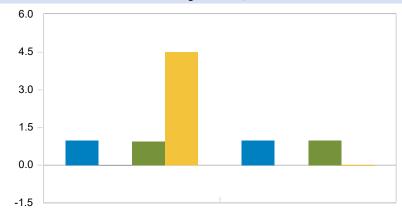
	Harding Loevner Intl Equity (HLIZX)	MSCI EAFE Index
Actual Correlation	0.97	1.00
Information Ratio	-0.27	N/A
R-Squared	0.94	1.00
Tracking Error	4.96	0.00

Risk / Reward Historical Statistics 5 Years Ending March 31, 2023



	Harding Loevner Intl Equity (HLIZX)	MSCI EAFE Index
Alpha	-0.23	0.00
■ Beta	1.01	1.00
Sharpe Ratio	0.22	0.23
Treynor Ratio	0.05	0.05

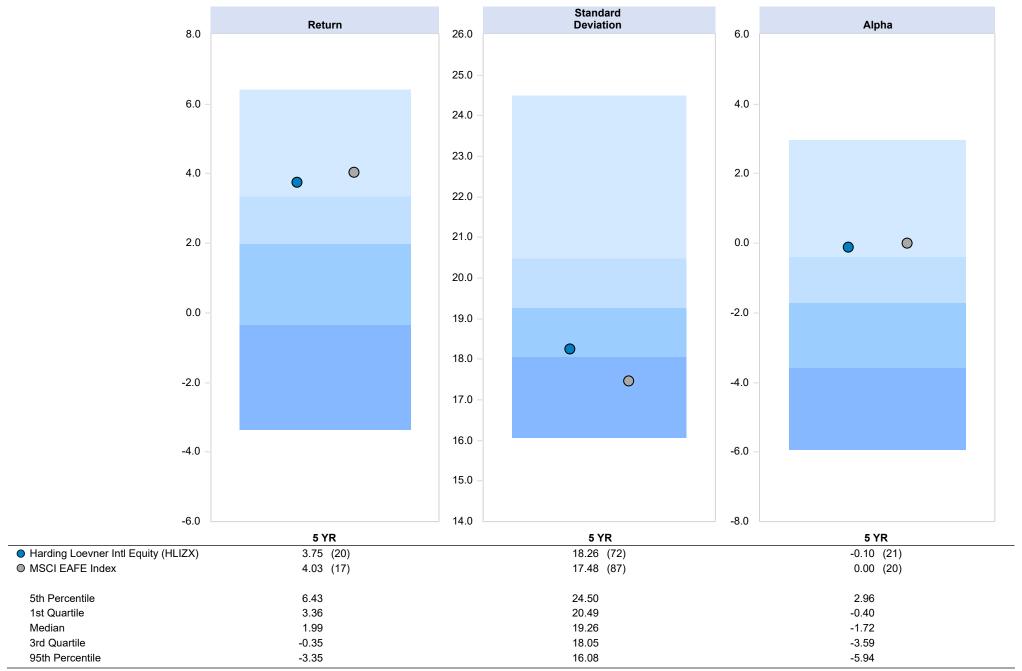
Index Relative Historical Statistics 5 Years Ending March 31, 2023



	Harding Loevner Intl Equity (HLIZX)	MSCI EAFE Index
Actual Correlation	0.98	1.00
Information Ratio	-0.03	N/A
R-Squared	0.95	1.00
Tracking Error	4.50	0.00

Benchmark: MSCI EAFE Index

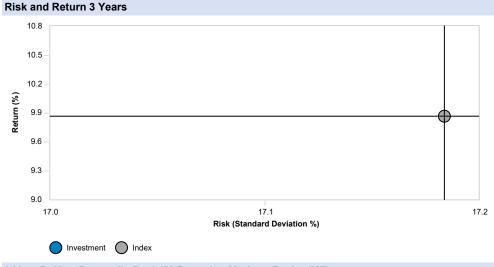


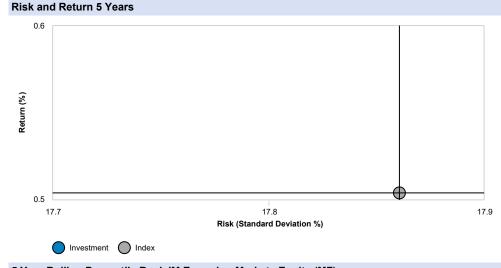




Historical Statistics 3 Years										
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters			
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Index	9.87	17.18	0.58	100.00	7	100.00	5			

Historical Stati	stics 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	0.50	17.86	0.04	100.00	10	100.00	10







15 (75%)

Count

2 (10%)

Count

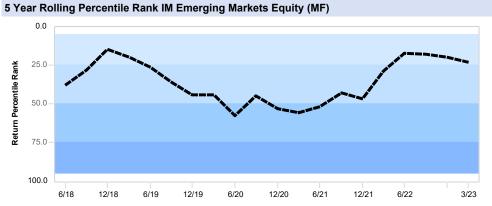
0 (0%)

Count

3 (15%)

0

20



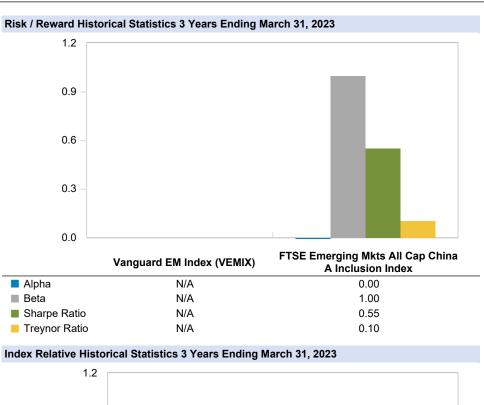
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	6 (30%)	10 (50%)	4 (20%)	0 (0%)	



Investment







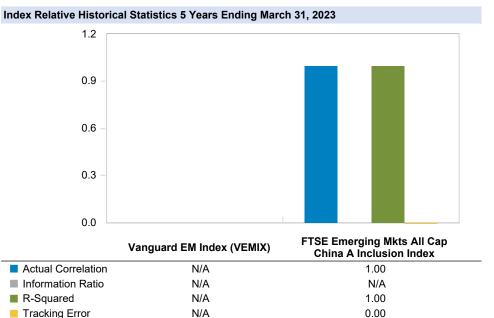
Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 FTSE Emerging Mkts All Cap China Vanguard EM Index (VEMIX) A Inclusion Index Alpha N/A 0.00 Beta N/A 1.00 N/A 0.06 Sharpe Ratio Treynor Ratio N/A 0.01

0.9 0.6 0.3 0.0 Vanguard EM Index (VEMIX) FTSE Emerging Mkts All Cap China A Inclusion Index 1.00

N/A

1.00

0.00



Benchmark: FTSE Emerging Mkts All Cap China A Inclusion Index

N/A

N/A

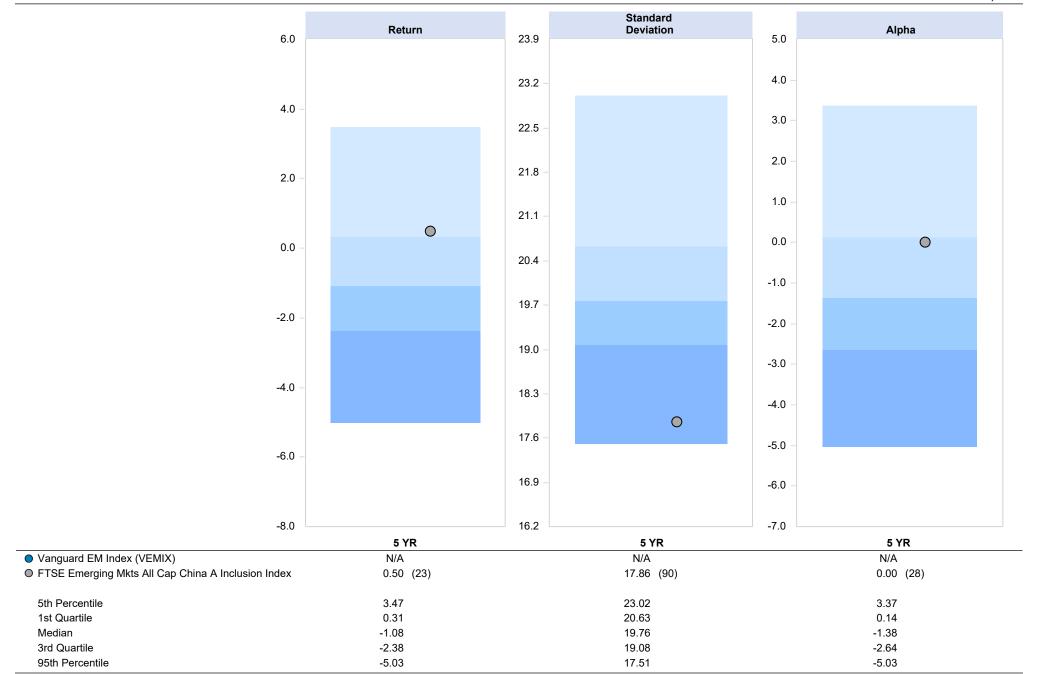
N/A

Information Ratio

R-Squared

Tracking Error

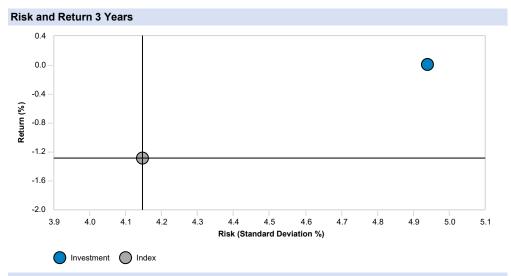


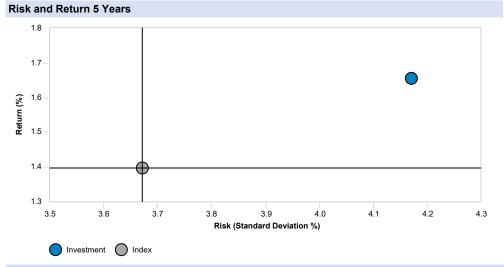


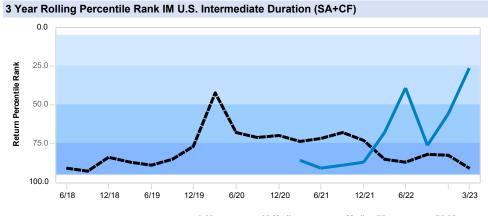


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.01	4.94	-0.15	126.09	6	99.21	6
Index	-1.28	4.15	-0.51	100.00	7	100.00	5

Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	1.66	4.17	0.08	106.27	14	101.76	6
Index	1.40	3.67	0.02	100.00	15	100.00	5





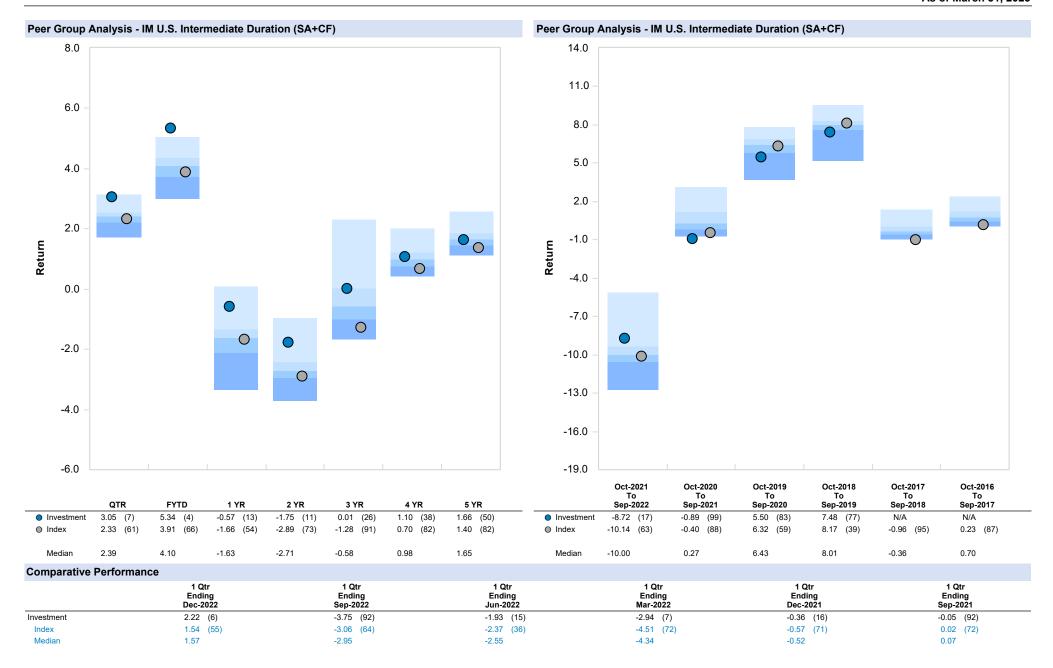


5 Y	ear Ro	Iling Po	ercentile	Rank III	I U.S. Into	ermediat	e Duratio	on (SA+0	CF)			
	0.0											
e Rank	25.0 –											
Return Perœntile Rank	50.0 –											
Retur	75.0 –				/	1						
	100.0	6/18	12/18	6/19	12/19	6/20	12/20	6/21	12/21	6/22	3/2	23

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	9	0 (0%)	2 (22%)	2 (22%)	5 (56%)	
Index	20	0 (0%)	1 (5%)	7 (35%)	12 (60%)	

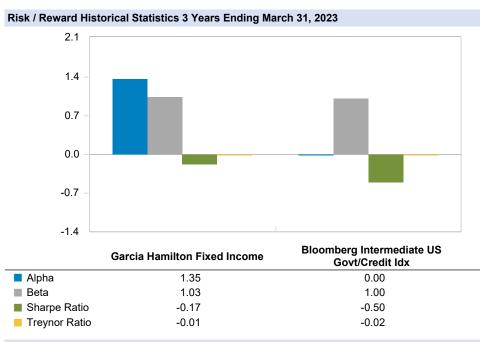
	Total Period	Count	Count	Count	Count	
Investment	1	0 (0%)	1 (100%)	0 (0%)	0 (0%)	
Index	20	0 (0%)	0 (0%)	1 (5%)	19 (95%)	



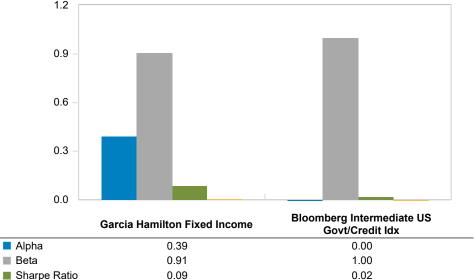




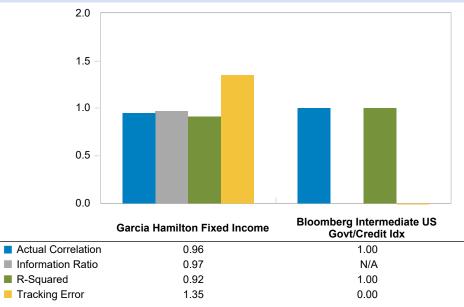
0.00



Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2



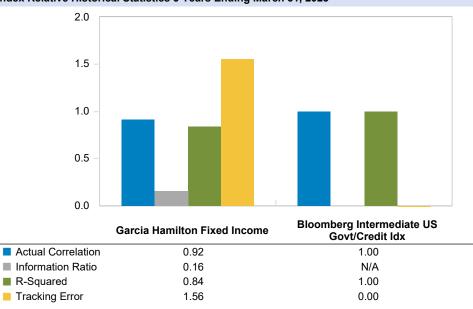
Index Relative Historical Statistics 3 Years Ending March 31, 2023



Index Relative Historical Statistics 5 Years Ending March 31, 2023

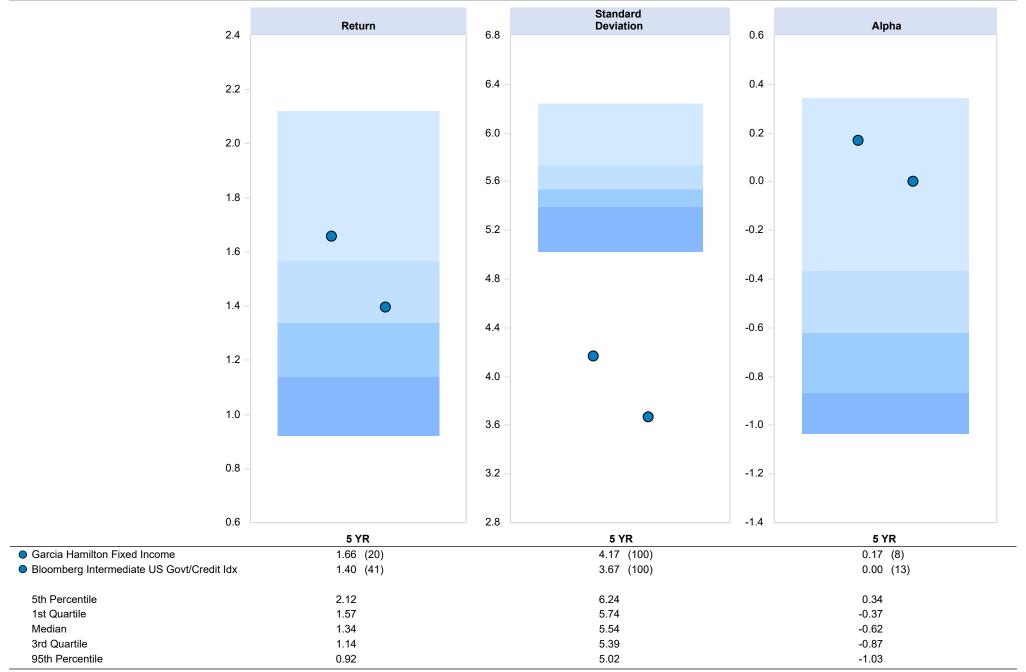
0.00

Treynor Ratio



Benchmark: Bloomberg Intermediate US Govt/Credit Idx

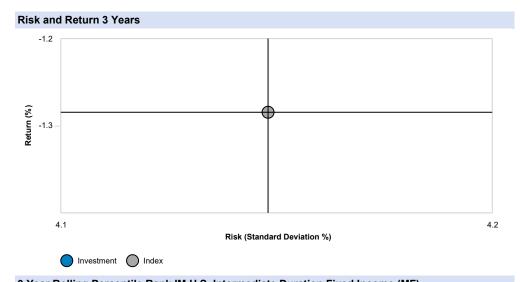


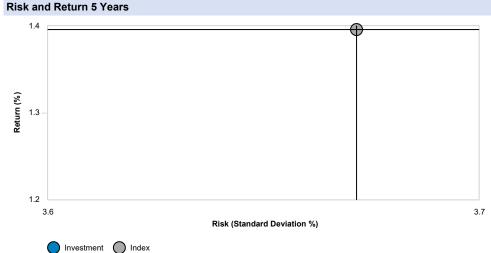


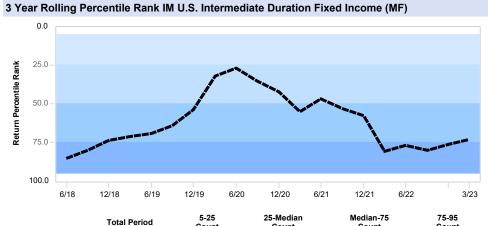


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	-1 28	4 15	-0.51	100.00	7	100.00	5

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	1.40	3.67	0.02	100.00	15	100.00	5			







5 (25%)

Count

9 (45%)

Count

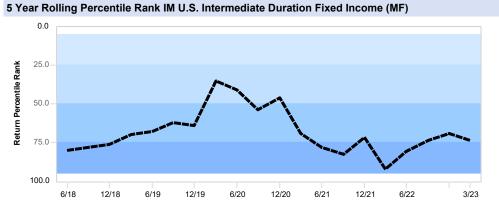
6 (30%)

Count

0 (0%)

0

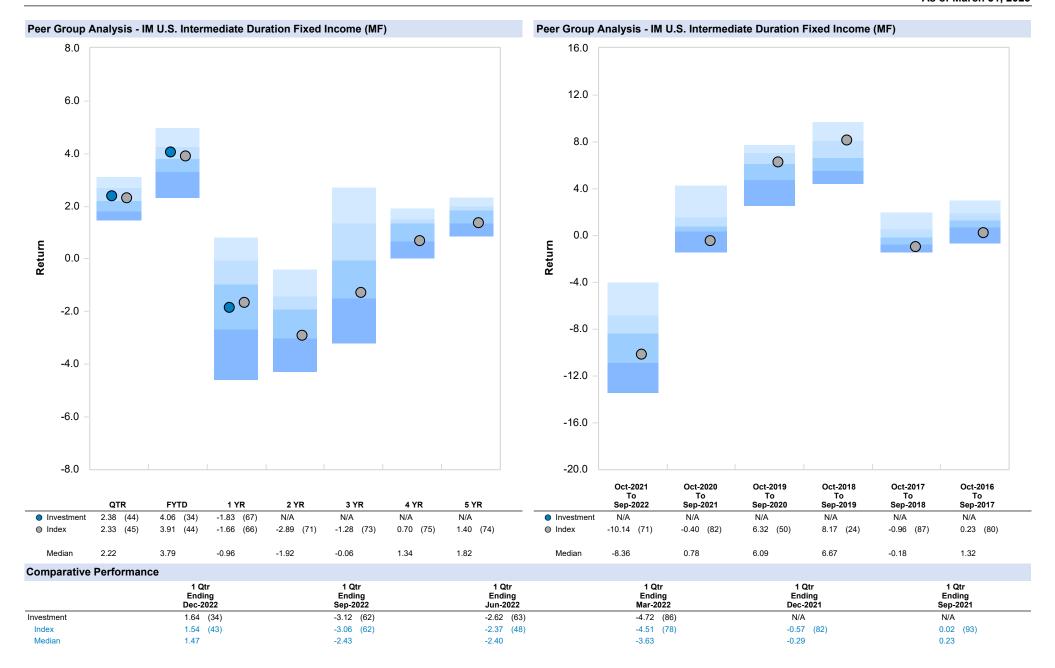
20



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	3 (15%)	10 (50%)	7 (35%)	

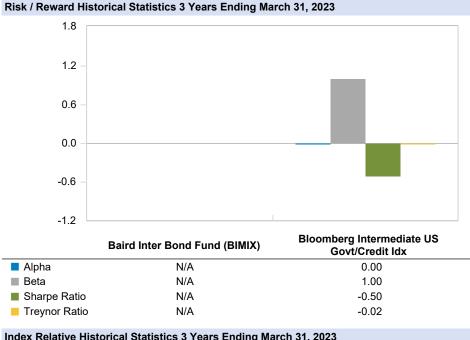


Investment



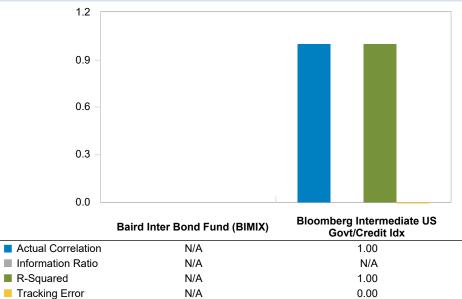


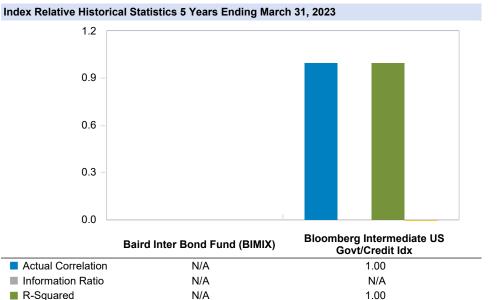
As of March 31, 2023



Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 **Bloomberg Intermediate US** Baird Inter Bond Fund (BIMIX) Govt/Credit Idx Alpha N/A 0.00 Beta N/A 1.00 N/A 0.02 Sharpe Ratio Treynor Ratio N/A 0.00

Index Relative Historical Statistics 3 Years Ending March 31, 2023





N/A

Tracking Error

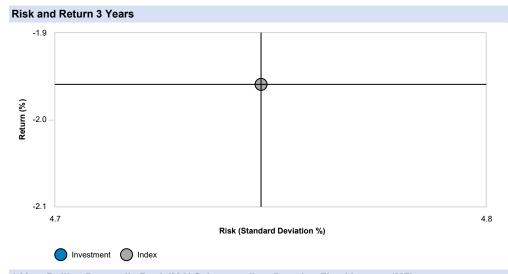
Benchmark: Bloomberg Intermediate US Govt/Credit Idx

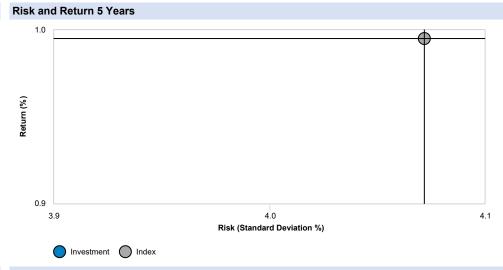


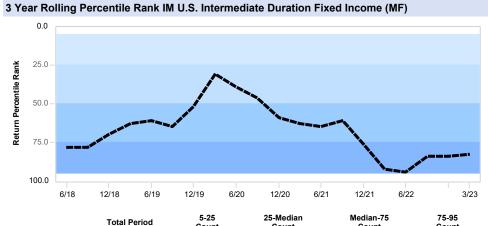
0.00

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	-1 96	4 75	-0.58	100.00	7	100.00	5

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	1.00	4.07	-0.08	100.00	15	100.00	5			







3 (15%)

Count

9 (45%)

Count

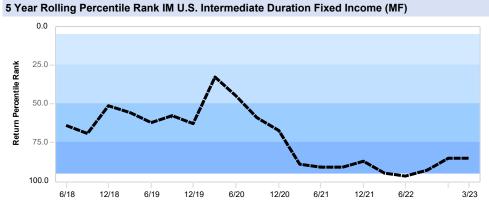
8 (40%)

Count

0 (0%)

0

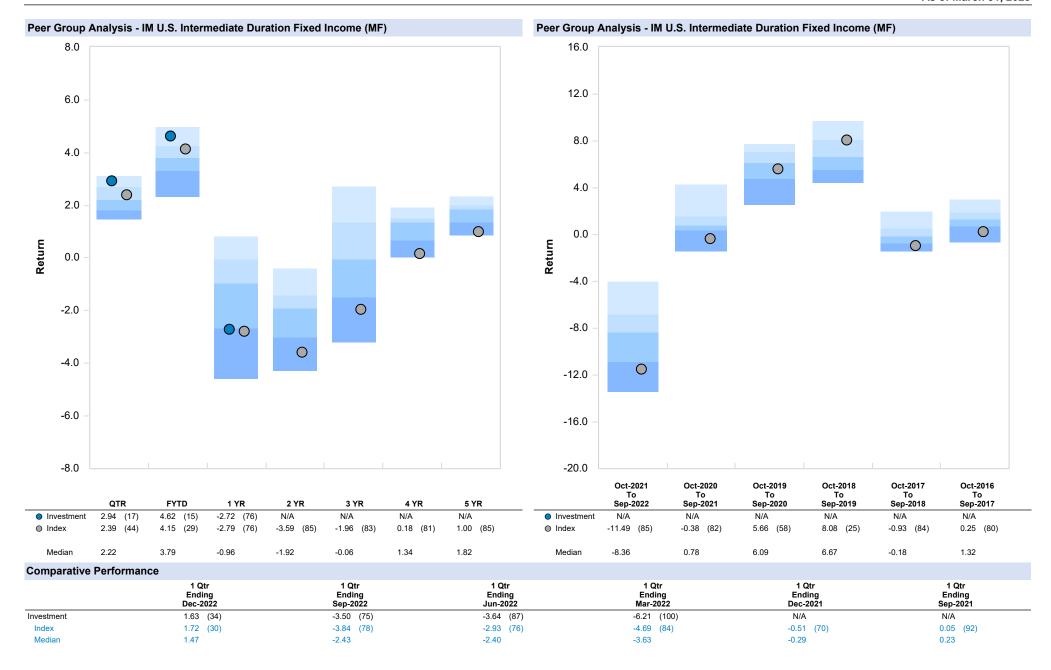
20



	Total Period	Count	Count	Count	Count	
Investment	0	0	0	0	0	
Index	20	0 (0%)	2 (10%)	9 (45%)	9 (45%)	



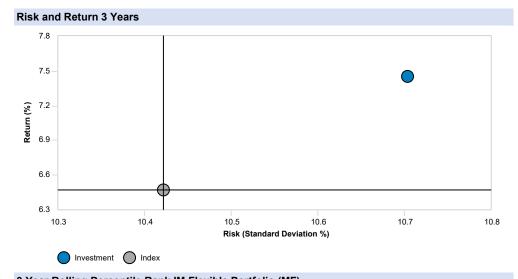
Investment

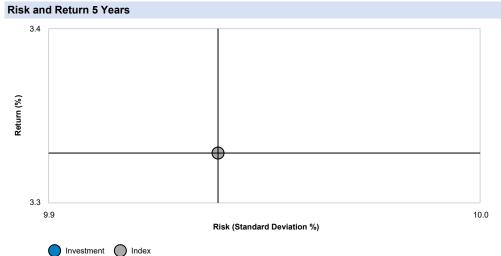


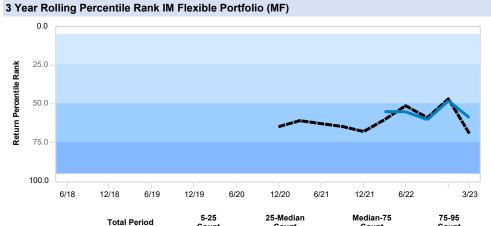


Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.46	10.70	0.64	104.54	8	98.91	4
Index	6.47	10.42	0.57	100.00	8	100.00	4

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	3.33	9.94	0.24	100.00	13	100.00	7				







1 (20%)

1 (10%)

Count

4 (80%)

9 (90%)

Count

0 (0%)

0 (0%)

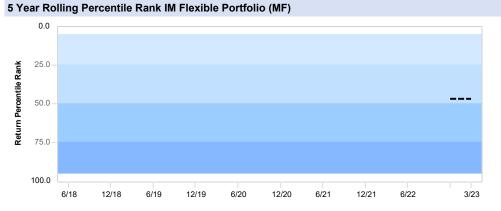
Count

0 (0%)

0 (0%)

5

10



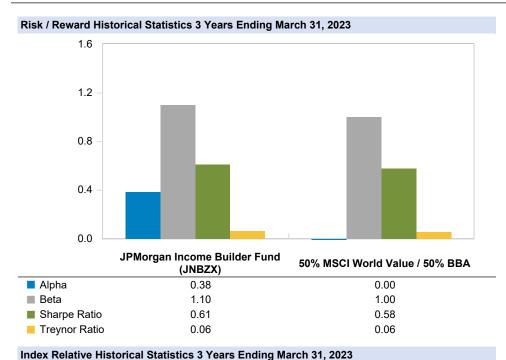
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	0	0	0	0	0	
Index	2	0 (0%)	2 (100%)	0 (0%)	0 (0%)	



Investment

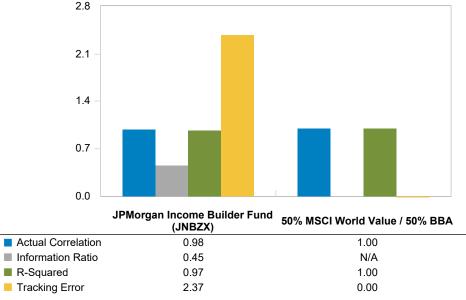


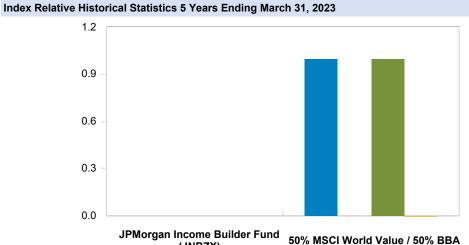




Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3 0.0 JPMorgan Income Builder Fund 50% MSCI World Value / 50% BBA (JNBZX) Alpha N/A 0.00 Beta N/A 1.00 N/A 0.23 Sharpe Ratio Treynor Ratio N/A 0.02

2.8





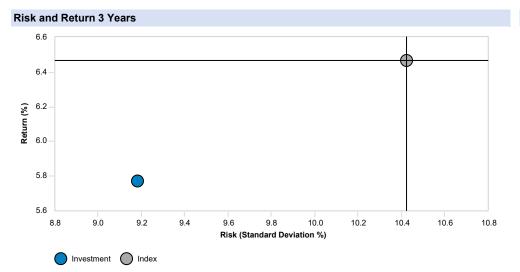
(JNBZX) Actual Correlation N/A 1.00 ■ Information Ratio N/A N/A N/A 1.00 R-Squared 0.00 Tracking Error N/A

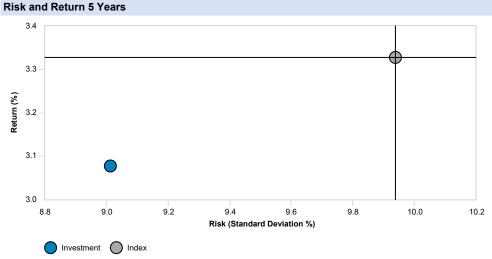
Benchmark: 50% MSCI World Value/ 50% BBA



Historical Stati	stics 3 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.77	9.18	0.56	84.55	8	82.19	4
Index	6.47	10.42	0.57	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	3.08	9.01	0.23	82.96	14	80.18	6			
Index	3.33	9.94	0.24	100.00	13	100.00	7			







5 Y	ear Ro	lling Pe	ercentile	Rank IM	Flexible	Portfolio	o (MF)				
	0.0										
ıtile Rank	25.0 -										
Return Perœntile Rank	50.0 –										
Ret	75.0 -										
	100.0	6/18	12/18	6/19	12/19	6/20	12/20	6/21	12/21	6/22	3/23

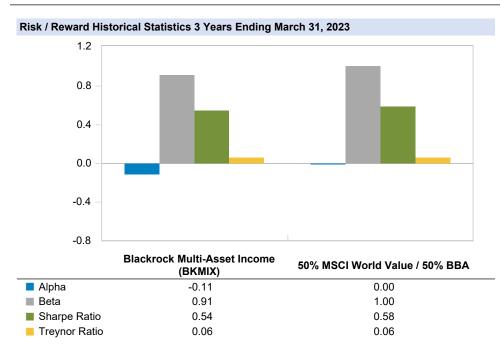
	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count	
Investment	10	0 (0%)	1 (10%)	9 (90%)	0 (0%)	
Index	10	0 (0%)	1 (10%)	9 (90%)	0 (0%)	

	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	2	0 (0%)	1 (50%)	1 (50%)	0 (0%)
Index	2	0 (0%)	2 (100%)	0 (0%)	0 (0%)









Risk / Reward Historical Statistics 5 Years Ending March 31, 2023 1.2 0.9 0.6 0.3

Blackrock Multi-Asset Income 50% MSCI World Value / 50% BBA (BKMIX) 0.00 Alpha 0.00 Beta 0.92 1.00 ■ Sharpe Ratio 0.21 0.23 Treynor Ratio 0.02 0.02

Index Relative Historical Statistics 3 Years Ending March 31, 2023

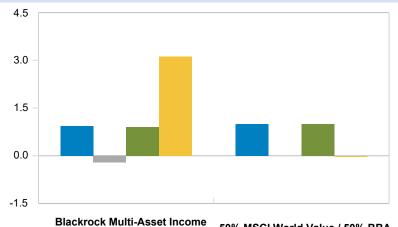
(BKMIX)

0.95

-0.23

0.91

3.15



50% MSCI World Value / 50% BBA

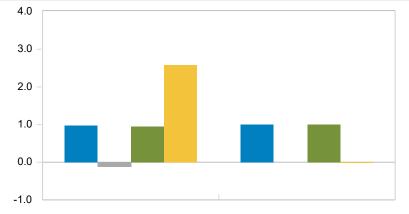
1.00

N/A

1.00

0.00

0.0



Blackrock Multi-Asset Income 50% MSCI World Value / 50% BBA (BKMIX) Actual Correlation 0.97 1.00 ■ Information Ratio -0.12 N/A 0.94 1.00 R-Squared 0.00 Tracking Error 2.57

Benchmark: 50% MSCI World Value/ 50% BBA

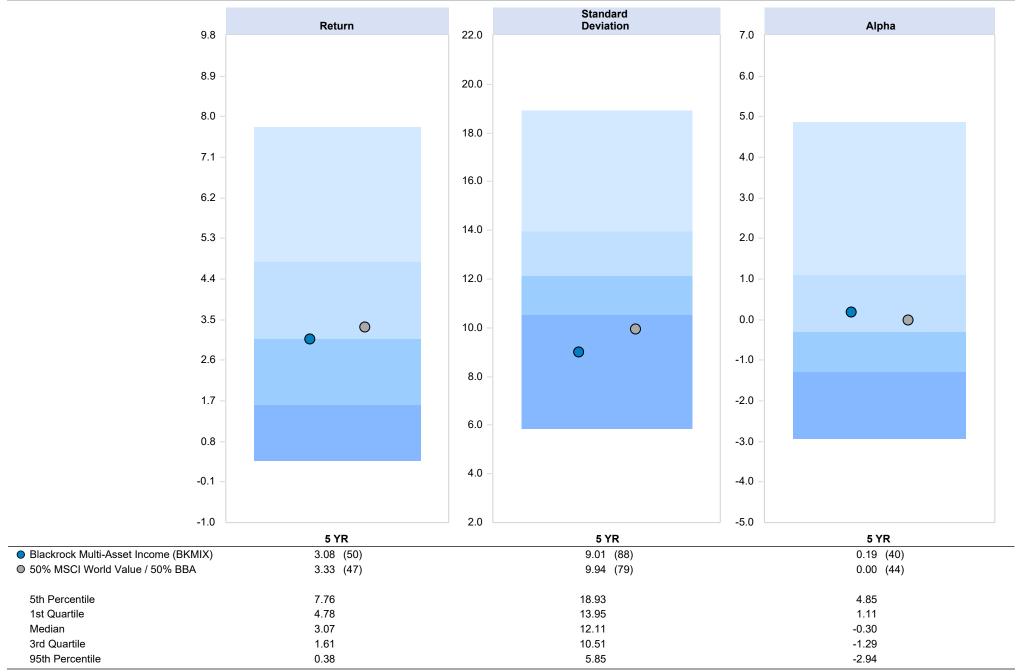
Actual Correlation

■ Information Ratio

R-Squared

Tracking Error







Private Equity Summary of Partnership

As of March 31, 2023

Private Equity Summary of Partnership									
Partnerships	Valuation Date	Capital Commitment \$	Drawn Down \$	Market Value \$	Distributed \$	IRR (%)	TVPI Multiple	Remaining Commitment	
Deerpath Capital Advantage VI	03/31/2023	2,500,000	1,250,000	1,226,354	124,343	7.3	1.1	1,250,000	
Deerpath Capital VI, LP	03/31/2023	2,500,000	1,819,672	1,816,998	104,752	5.7	1.1	680,328	



	Market Value 10/01/2022	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2022
Total Equity	106,516,102	-4,350,670	737	-	-45,591	-6,027	896,478	10,196,069	113,207,099
Total Domestic Equity	93,657,464	-4,950,670	737	=	-45,591	-6,027	584,799	8,973,608	98,214,320
Newton LCV	26,310,246	-5,000,000	737	-	-25,951	-2,994	170,954	3,961,226	25,414,218
Rhumbline LCV	17,834,598	-1,998,083	-	-	-1,917	-501	118,187	2,068,806	18,021,090
Rhumbline LCG	12,996,389	1,416	-	-	-1,416	-421	39,114	247,779	13,282,861
Polen Capital LCG	9,150,336	-	-	-	-13,837	-1,030	13,115	20,111	9,168,695
Vanguard Total Stock Mkt (VTSAX)	-	-	-	-	-	-	-	-	-
Rhumbline MC	22,881,947	2,470	-	-	-2,470	-1,082	115,608	2,348,117	25,344,590
Total International Equity	12,858,638	600,000	-	_	-	_	311,679	1,222,461	14,992,778
Vanguard EM Index (VEMIX)	6,211,741	600,000	-	_	_	-	117,637	434,479	7,363,857
Harding Loevner Intl Equity (HLIZX)	6,646,897	-	-	-	-	-	194,043	787,982	7,628,922
Total Fixed Income	24,674,420	5,000,000	-	-	-8,610	-1,867	208,506	245,244	30,117,693
Garcia Hamilton Fixed Income	16,701,871	1,666,668	-	-	-8,610	-1,867	140,393	227,281	18,725,736
Baird Inter Bond Fund (BIMIX)	4,042,719	1,666,666	_	-	-	-	34,272	13,786	5,757,442
Western Asset Inter Bond (WABSX)	3,929,830	1,666,666	-	-	-	-	33,840	4,177	5,634,514
Total Real Return Composite	8,961,255	-	-	-	-	-	122,796	430,057	9,514,108
JPMorgan Income Builder Fund (JNBZX)	4,452,075	-	-	-	-	-	51,005	263,461	4,766,541
Blackrock Multi-Asset Income (BKMIX)	4,509,180	-	-	-	-	-	71,790	166,597	4,747,567
Total Alternatives	3,064,242	-59,091	-	-	-	-	-	49,858	3,055,009
Deerpath Capital Advantage VI	1,241,005	-23,981	-	-	-	-	-	16,786	1,233,810
Deerpath Capital VI, LP	1,823,238	-35,110	-	-	-	-	-	33,071	1,821,199
Cash Accounts									
R&D Cash	826,625	-590,239	2,659,106	-2,081,646	-	-39,367	2,685	-	777,164
Total Fund	144,042,645	_	2,659,843	-2,081,646	-54,201	-47,261	1,230,465	10,921,228	156,671,072



	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Newton LCV	0.50	25,410,780	127,054	0.50 % of First \$50 M 0.40 % Thereafter
Rhumbline LCV	0.04	17,453,953	6,982	0.04 % of Assets
Rhumbline LCG	0.04	15,185,910	6,074	0.04 % of Assets
Polen Capital LCG	0.60	10,446,710	62,680	0.60 % of Assets
Rhumbline MC	0.04	26,312,857	10,525	0.04 % of Assets
Vanguard Total Stock Mkt (VTSAX)	0.04	1,426,124	570	0.04 % of Assets
Mass Mutual Small Cap (MSOOX)	0.69	2,469,733	17,041	0.69 % of Assets
Delaware Small Cap Core (DCZRX)	0.71	2,462,266	17,482	0.71 % of Assets
Total Domestic Equity Composite	0.25	101,168,332	248,409	
Harding Loevner Intl Equity (HLIZX)	0.73	8,222,029	60,021	0.73 % of Assets
Vanguard EM Index (VEMIX)	0.11	7,628,900	8,392	0.11 % of Assets
Total International Equity Composite	0.43	15,850,929	68,413	611. 7. 617. GOOD
Total Equity Composite	0.27	117,019,261	316,822	
Garcia Hamilton Fixed Income	0.20	19,286,237	38,572	0.20 % of First \$50 M 0.18 % Thereafter
Baird Inter Bond Fund (BIMIX)	0.30	5,894,699	17,684	0.30 % of Assets
Western Asset Inter Bond (WABSX)	0.44	5,800,143	25,521	0.44 % of Assets
Total Fixed Income Composite	0.26	30,981,079	81,777	
JPMorgan Income Builder Fund (JNBZX)	0.52	4,907,850	25,521	0.52 % of Assets
Blackrock Multi-Asset Income (BKMIX)	0.59	4,906,333	28,947	0.59 % of Assets
Total Real Return Composite	0.55	9,814,183	54,468	
Deerpath Capital Advantage VI	1.00	1,226,354	12,264	1.00 % of Assets
Deerpath Capital VI, LP	1.00	1,816,998	18,170	1.00 % of Assets
Total Alternatives	1.00	3,043,352	30,434	
Total Fund	0.30	161,756,951	483,500	



Total Policy Historical Hybrid Composition			
Allocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
Oct-1990		Jul-2003	
Blmbg. U.S. Gov't/Credit	50.00	S&P 500 Index	50.00
S&P 500 Index	50.00	Blmbg. U.S. Gov't/Credit	50.00
ul-1999		Apr-2007	
Blmbg. U.S. Gov't/Credit	46.00	Blmbg. U.S. Aggregate Index	45.00
&P 500 Index	49.00	Russell 1000 Growth Index	24.50
TSE 3 Month T-Bill	5.00	S&P 500 Value	24.50
		S&P MidCap 400 Index	6.00
Oct-1999			
&P 500 Index	50.70	Jul-2009	45.00
Slmbg. U.S. Gov't/Credit	44.35	Blmbg. U.S. Aggregate Index	45.00
TSE 3 Month T-Bill	4.95	Russell 1000 Growth Index	24.50
an-2000		Russell 1000 Value Index	12.25
6&P 500 Index	49.93	S&P 500 Value	12.25
llmbg. U.S. Gov't/Credit	43.55	S&P MidCap 400 Index	6.00
TSE 3 Month T-Bill	6.52	Oct-2009	
13E 3 MOHUT 1-BIII	0.32	Blmbg. U.S. Aggregate Index	45.00
pr-2000		Russell 1000 Value Index	24.50
&P 500 Index	53.18	Russell 1000 Value Index Russell 1000 Growth Index	24.50
Ilmbg. U.S. Gov't/Credit	42.58	S&P MidCap 400 Index	6.00
TSE 3 Month T-Bill	4.24	Sar MidCap 400 mdex	0.00
		Jul-2011	
ul-2000		Blmbg. U.S. Aggregate Index	45.00
&P 500 Index	53.24	Russell 1000 Value Index	22.00
Slmbg. U.S. Gov't/Credit	42.87	Russell 1000 Growth Index	22.00
TSE 3 Month T-Bill	3.89	S&P MidCap 400 Index	6.00
		MSCI EAFE (Net) Index	2.50
oct-2000		MSCI Emerging Markets (Net) Index	2.50
&P 500 Index	51.18		
Slmbg. U.S. Gov't/Credit	43.03	Jan-2012	
TSE 3 Month T-Bill	5.79	Blmbg. U.S. Aggregate Index	39.00
on 2004		Russell 1000 Value Index	22.00
an-2001	F4 44	Russell 1000 Growth Index	22.00
S&P 500 Index	51.44	Bloomberg Intermediate US Govt/Credit Idx	6.00
Slmbg. U.S. Gov't/Credit	43.95	S&P MidCap 400 Index	6.00
TSE 3 Month T-Bill	4.61	MSCI EAFE (Net) Index	2.50
pr-2001		MSCI Emerging Markets (Net) Index	2.50
S&P 500 Index	50.00		
Blmbg, U.S. Gov't/Credit	50.00		
Alling. 3.3. 307 training	00.00		



Allocation Mandate	Weight (%)
Jan-2013	
Blmbg. U.S. Aggregate Index	34.00
Russell 1000 Value Index	20.00
Russell 1000 Growth Index	20.00
S&P MidCap 400 Index	15.00
Bloomberg Intermediate US Govt/Credit Idx	6.00
MSCI EAFE (Net) Index	2.50
MSCI Emerging Markets (Net) Index	2.50
Apr-2014	
Bloomberg Intermediate US Govt/Credit Idx	17.50
Blmbg. U.S. Aggregate Index	15.00
Russell 1000 Value Index	20.00
Russell 1000 Growth Index	20.00
S&P MidCap 400 Index	15.00
MSCI EAFE (Net) Index	2.50
MSCI Emerging Markets (Net) Index	2.50
ICE BofAML All Convertibles ex Mandatory	7.50
Mar-2018	
Bloomberg Intermediate US Govt/Credit Idx	24.75
Blmbg. U.S. Aggregate Index	0.00
Russell 1000 Value Index	20.00
Russell 1000 Growth Index	20.00
S&P MidCap 400 Index	17.00
MSCI EAFE (Net) Index	5.00
MSCI Emerging Markets (Net) Index	5.00
ICE BofAML All Convertibles ex Mandatory	0.00
S&P 500 Index	3.75
Russell 2500 Index	4.50
Apr-2020	
Russell 1000 Value Index	20.00
Russell 1000 Growth Index	20.00
S&P MidCap 400 Index	17.00
Russell 2500 Index	4.50
MSCI EAFE (Net) Index	5.00
MSCI Emerging Markets (Net) Index	5.00
Bloomberg Intermediate US Govt/Credit Idx	21.00



Total Equity Historical Hybrid Composition				Total Fixed Income Historical Hybrid Composition	
Allocation Mandate	Weight	Allocation Mandate	•	Allocation Mandate	Weight (%)
	(%)	-	(%)	- Apr-1996	
Oct-1990		Mar-2018		Blmbg. U.S. Gov't/Credit	100.00
S&P 500 Index	100.00	Russell 1000 Value Index	26.50		
A 0007		Russell 1000 Growth Index	26.50	Jul-2003	
Apr-2007	44.50	S&P MidCap 400 Index	23.00	Blmbg. U.S. Aggregate Index	100.00
Russell 1000 Growth Index	44.50	MSCI EAFE (Net) Index	6.50	lan 2040	
S&P 500 Value	44.50	MSCI Emerging Markets (Net) Index	6.50	Jan-2012	97.00
S&P MidCap 400 Index	11.00	Russell 2500 Index	6.00	Blmbg. U.S. Aggregate Index	87.00
Jul-2009		S&P 500 Index	5.00	Bloomberg Intermediate US Govt/Credit Idx	13.00
Russell 1000 Growth Index	44.50	A 2020		Jan-2013	
Russell 1000 Value Index	22.25	Apr-2020	28.00	Blmbg. U.S. Aggregate Index	85.00
S&P 500 Value	22.25	Russell 1000 Value Index	28.00	Bloomberg Intermediate US Govt/Credit Idx	15.00
S&P MidCap 400 Index	11.00	Russell 1000 Growth Index	24.00		. 5.55
car imacap roo macx	11.00	S&P MidCap 400 Index		Apr-2014	
Oct-2009		Russell 2500 Index	6.00 7.00	Bloomberg Intermediate US Govt/Credit Idx	43.00
Russell 1000 Value Index	44.50	MSCI EAFE (Net) Index		Blmbg. U.S. Aggregate Index	38.00
Russell 1000 Growth Index	44.50	MSCI Emerging Markets (Net) Index	7.00	ICE BofAML All Convertibles ex Mandatory	19.00
S&P MidCap 400 Index	11.00				
				Oct-2016	
Jul-2011				Bloomberg Intermediate US Govt/Credit ldx	55.00
Russell 1000 Value Index	40.00			Blmbg. U.S. Aggregate Index	45.00
Russell 1000 Growth Index	40.00				
S&P MidCap 400 Index	11.00			Mar-2018	400.00
MSCI EAFE (Net) Index	4.50			Bloomberg Intermediate US Govt/Credit Idx	100.00
MSCI Emerging Markets (Net) Index	4.50			Blmbg. U.S. Aggregate Index	0.00
In 2042				Apr-2020	
Jan-2013 Russell 1000 Value Index	33.30			Bloomberg Intermediate US Govt/Credit Idx	100.00
					. 33.33
Russell 1000 Growth Index	33.30				
S&P MidCap 400 Index	25.00				
MSCI EAFE (Net) Index	4.20				
MSCI Emerging Markets (Net) Index	4.20				
Russell 2500 Index	0.00				
S&P 500 Index	0.00				



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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