Investment Performance Review Period Ending June 30, 2022

# Delray Beach General Employees Pension Fund



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remains steadfast in our belief and conviction that the best way to service our valued clients is within a model that is independent, singularly focused, customized, and passionately delivered. We continue to reinvest 100% of our net profits back into the organization to enhance our customized service model and provide the appropriate resources for all our team members to serve our valued clients at a high level.

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

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

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

As you may recall from our Client Letter at the beginning of the year, AndCo 2021 was the first year we launched an initiative to participate in this research opportunity and the experience helped glean key insights into what is important for our clients and how we can better serve them going forward. We deeply appreciate the client representatives that acted as research participants in the 2021 study.

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

> service model and at the forefront of each team member's efforts to serve, earn

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

#### **GREENWICH QUALITY LEADER AWARD CRITERIA**

Understanding of Client Goals and Objectives	Client Satisfaction with Manager Recommendations	Timeliness in Providing Written Reports
Advice on DC Plan Structure and Design	Communication of Philosophy and Investment Beliefs	Capability of Consultants Assigned to Clients
Credibility with Investment Committee	Advice on Long-Term Asset Allocation and Liability Issues	Usefulness of Personal Meetings
Proactive Advice and Innnovative Ideas	Responsiveness and Prompt Follow-Up on Client Requests	Sufficient Professional Resources
	Usefulness of Written Investment Reviews	

IMPORTANT DISCLOSURE INFORMATION RE GREENWICH QUALITY LEADER AWARD: This communication is intended for informational purposes only and should not be regarded as investment advice or as a recommendation regarding any particular course of action. AndCo Consulting is an investment adviser registered with the U.S. Securities and Exchange Commission ("SEC"). Registration as an investment adviser does not constitute an endorsement of the firm by securities regulators nor does it indicate that the adviser has attained a particular level of skill or ability.

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

METHODOLOGY FOR THIS AWARD: Between July and October 2021, Coalition Greenwich conducted interviews with 811 individuals from 661 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate and union funds, public funds, and endowment and foundation funds, with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends.



2nd Quarter 2022 Market Environment



#### The Economy

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

#### Equity (Domestic and International)

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

#### **Fixed Income**

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

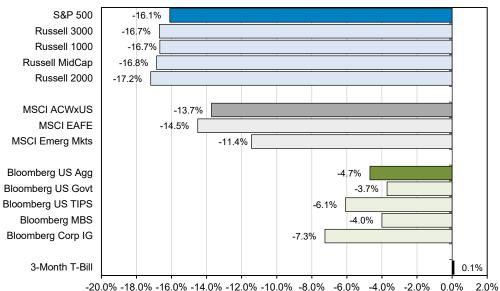
#### **Market Themes**

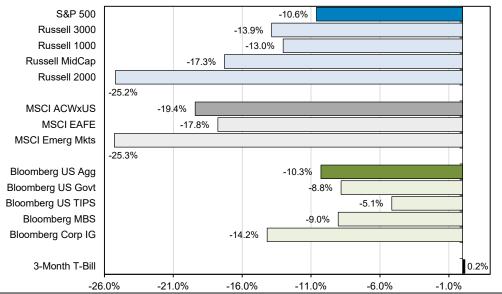
- The pace of global central bank monetary tightening increased during the quarter with the both the Fed and Bank of England raising interest rates. The European Central Bank also hinted it would begin raising rates during the 3rd quarter.
- The crisis in Ukraine continues to negatively impact global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



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

#### **Quarter Performance**





#### 1-Year Performance

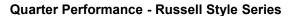
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Source: Investment Metrics

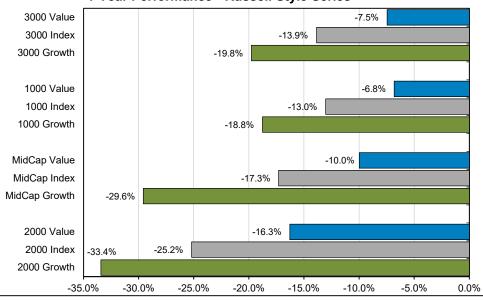
- Volatility increased during the 2nd quarter as each broad US equity benchmark posted negative results across both the style and market capitalization spectrums. Large cap stocks continued their leadership, followed by mid and small cap issues. The Russell 1000 Index declined by -16.7% for the quarter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

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

3000 Value -12.4% 3000 Index -16.7% 3000 Growth -20.8% 1000 Value -12.2% 1000 Index -16.7% 1000 Growth -20.9% MidCap Value -14.7% MidCap Index -16.8% MidCap Growth -21.1% 2000 Value -15.3% 2000 Index -17.2% 2000 Growth -19.3%



-22.0% -20.0% -18.0% -16.0% -14.0% -12.0% -10.0% -8.0% -6.0% -4.0% -2.0% 0.0%

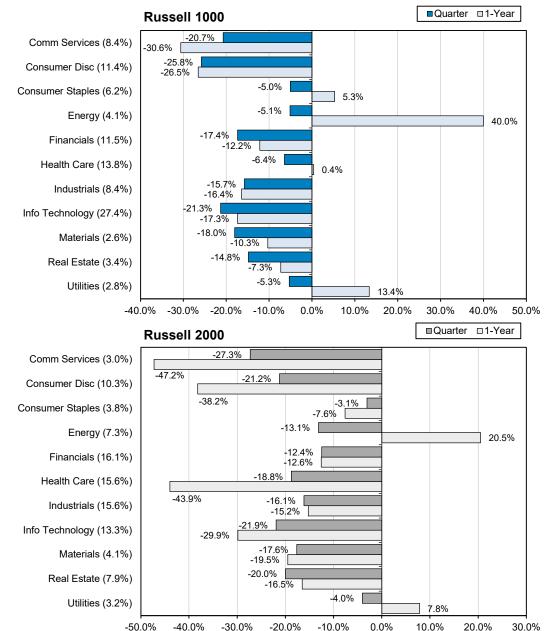


#### 1-Year Performance - Russell Style Series



Source: Investment Metrics

- Economic sector performance was negative across all eleven large cap economic sectors for the 2nd quarter. Only four sectors were down less than the return of the broader Russell 1000 Index (-16.7%) on a relative basis during the period.
- Defensive sectors including consumer staples (-5.0%) energy (-5.1%), and utilities (-5.3%) were the least negative performing sectors for the quarter. Concerns about a potential economic slowdown drove the performance of consumer staples during the period. Energy prices remained elevated which acted as a tailwind for the sector. Economically sensitive sectors such as consumer discretionary (-25.8%), information technology (-21.3%), and communication services (-20.7%), significantly underperformed the broader index for the quarter.
- For the full year, seven sectors exceeded the return of the broad large cap benchmark: energy (40.0%), utilities (13.4%), consumer staples (5.3%), health care (0.4%), real estate (-7.3%), materials (-10.3%), and financials (-12.2%). The weakest economic sector performance in the Russell 1000 for the year was communication services (-30.6%).
- Small cap sector performance was also broadly negative for the 2nd quarter with all sectors posting negative performance. Five sectors were down less than the return of the broader Russell 2000 Index (-17.2%) on a relative basis. The consumer staples (-3.1%) sector held up the most for the quarter and the communication services (-27.3%) sector the was the weakest.
- For the trailing 1-year period, seven of the eleven small sectors outpaced the broad benchmark's return (-25.2%). However, only two defensive sectors posted positive performance for the year: energy (20.5%) and utilities (7.8%). The weakest sector over the trailing year was communication services (-47.2%).



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



Source: Morningstar Direct

The Market Environment Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000

As of June 30, 2022

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

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

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

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

Botton	Bottom 10 Performing Stocks (by Quarter)					Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	0 Weight 1-Qtr Return Return Sector Russell 2000		Weight	1-Qtr Return	1-Year Return	Sector				
Carvana Co Class A	0.01%	-81.1%	-92.5%	Consumer Discretionary	Applied Blockchain Inc	0.00%	-93.3%	-90.1%	Information Technolog	
Coinbase Global Inc Ord Shrs - Class A	0.02%	-75.2%	-81.4%	Financials	TeraWulf Inc	0.00%	-85.7%	N/A	Information Technolog	
Upstart Holdings Inc Ordinary Shares	0.01%	-71.0%	-74.7%	Financials	Velo3D Inc	0.00%	-85.2%	N/A	Industrials	
Lyft Inc Class A	0.01%	-65.4%	-78.0%	Industrials	Avaya Holdings Corp	0.01%	-82.3%	-91.7%	Information Technolog	
Peloton Interactive Inc	0.01%	-65.3%	-92.6%	Consumer Discretionary	Bird Global Inc Class A	0.00%	-82.2%	N/A	Industrials	
Cloudflare Inc	0.03%	-63.5%	-58.7%	Information Technology	Core Scientific Inc Ord Shares - Class A	0.01%	-81.9%	N/A	Information Technolog	
Unity Software Inc Ordinary Shares	0.02%	-62.9%	-66.5%	Information Technology	Boxed Inc	0.00%	-81.8%	N/A	Consumer Discretiona	
Affirm Holdings Inc Ord Shrs - Class A	0.01%	-61.0%	-73.2%	Information Technology	Marathon Digital Holdings Inc	0.02%	-80.9%	-83.0%	Information Technolog	
Wayfair Inc Class A	0.01%	-60.7%	-86.2%	Consumer Discretionary	Riot Blockchain Inc	0.02%	-80.2%	-88.9%	Information Technolog	
Royal Caribbean Group	0.02%	-58.3%	-59.1%	Consumer Discretionary	Endo International PLC	0.00%	-79.8%	-90.0%	Health Care	

Source: Morningstar Direct



- ■USD ■Local Currency **Quarter Performance** -13.7% AC World x US (48) -8.3% -14.7% WORLD x US (22) -8.5% -14.5% EAFE (21) -7.8% -14.6% Europe & ME (16) -8.8% -14.4% Pacific (5) -6.0% -11.5% Emerging Mkt (26) -8.1% -17.1% EM EMEA (11) -13.4% -9.3% EM Asia (9) -6.3% -21.9% EM Latin Amer (6) -15.7% -20.0% -10.0% -25.0% -15.0% -5.0% 0.0% ∎USD □Local Currency **1-Year Performance** -19.4% AC World x US (48) -10.7% -16.8% WORLD x US (22) -6.4% -17.8% EAFE (21) -6.6% -17.6% Europe & ME (16) -7.5% -18.1% Pacific (5) -4.7% -25.3% Emerging Mkt (26) -20.2% -27.2% EM EMEA (11) -16.6% -25.9% EM Asia (9) -21.6% -16.1% EM Latin Amer (6) -12.1% -30.0% -20.0% -10.0% 0.0%
- Performance across all developed and emerging international equity indexes tracked in the chart were negative during the quarter in both US dollar (USD) and local currency (LC) terms. The developed market MSCI EAFE Index returned -14.5% in USD and -7.8% in LC terms for the period, while the MSCI Emerging Markets Index declined by -11.5% in USD and -8.1% in LC terms. Developed markets were negatively impacted by rising inflation and tighter monetary policy. Emerging markets, especially those that export commodities, held up better.

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

Source: MSCI Global Index Monitor (Returns are Net)

The Market Environment

## US Dollar International Index Attribution & Country Detail As of June 30, 2022

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

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

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

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

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

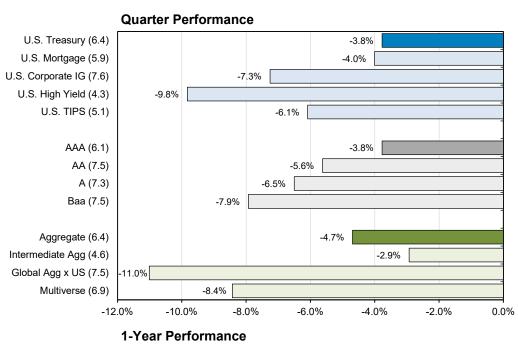
As a result of the GICS classification changes on 9/28/2018 and certain associated reporting limitations, sector performance represents backward looking performance for the prior year of each sector's current constituency, post creation of the Communication Services sector.

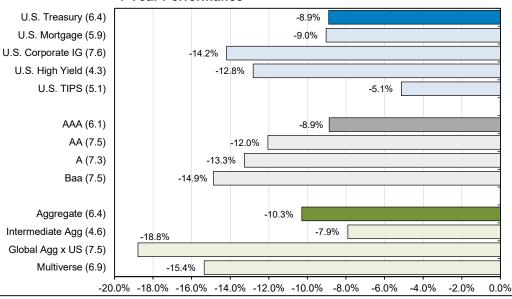


### The Market Environment Domestic Bond Sector & Broad/Global Bond Market Performance (Duration)

As of June 30, 2022

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

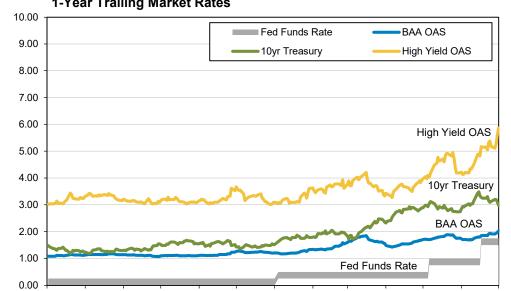


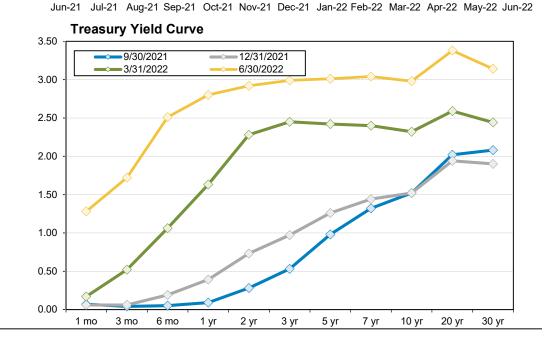


Source: Bloomberg



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





1-Year Trailing Market Rates

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



otal Fund Compliance			
		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.			

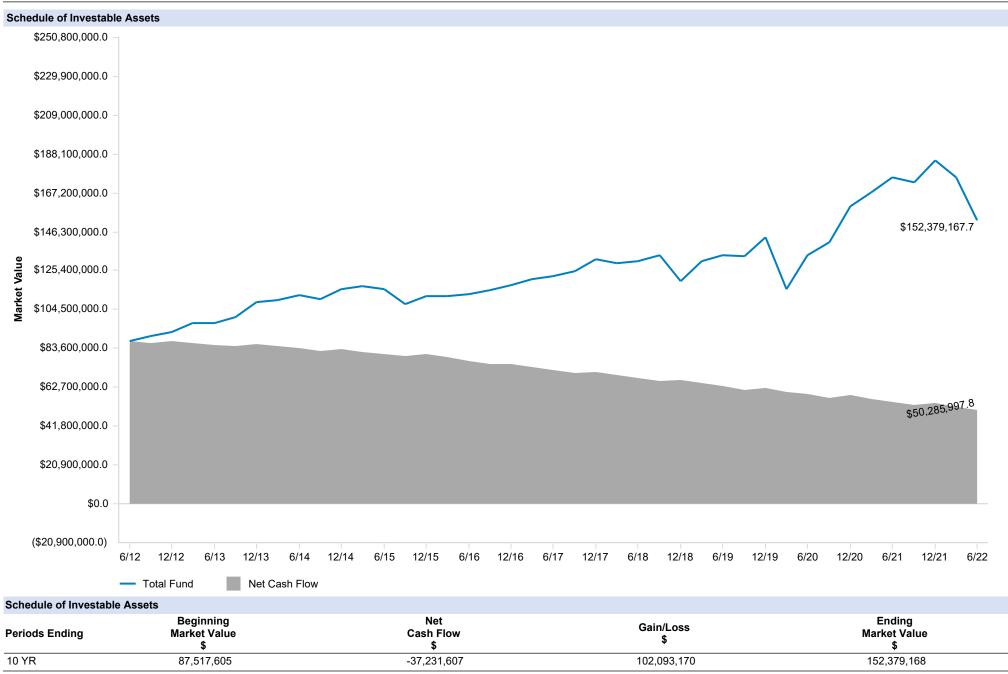
Manager's Compliance	Pol	oital		Newton			Rhumbline (R1000V)			Rhumbline (R1000G)		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
A. Perform above the bottom quartile (75th percentile) of his or her peer group over two consecutive quarters or annual period.												
B. Did not fall in the southeastern 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	Rhu	mbline Cap	Mid-		H.L. Intl Equity (HLIZX)			Vanguard EM			Garcia Hamilto 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.													

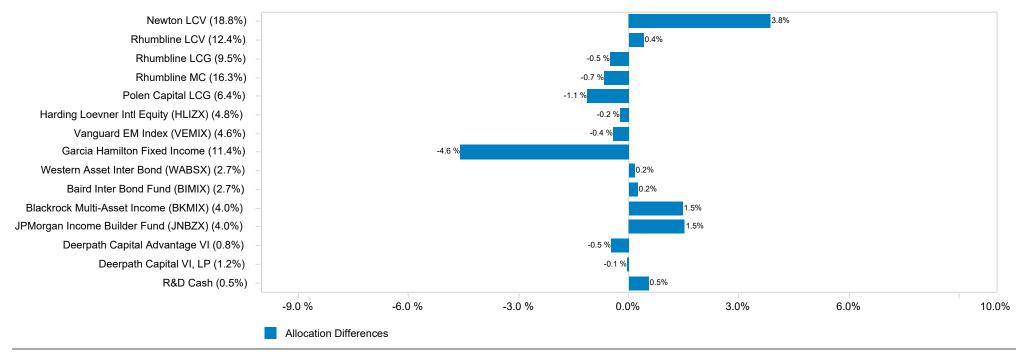
Manager's Compliance		Baird Bond Fund (BIMIX)			Vestern Asset Sond (WABSX)		JPMorgan Inc Builder (JNBZX)			Blackrock Multi Asset I (BKMIX)		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
A. Perform above the bottom quartile (75th percentile) of his or her peer group over two consecutive quarters or annual 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.												



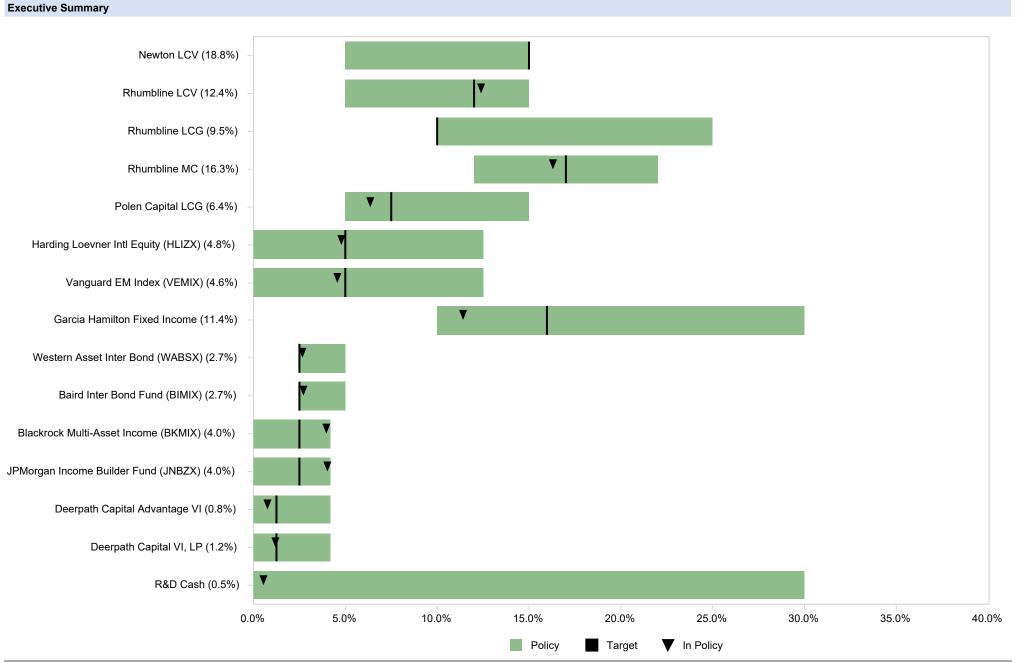




Asset Allocation Compliance					
	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Total Fund	152,379,168	100.0	100.0	0.0	-
Newton LCV	28,716,925	18.8	15.0	3.8	-5,860,050
Rhumbline LCV	18,894,941	12.4	12.0	0.4	-609,441
Rhumbline LCG	14,438,894	9.5	10.0	-0.5	799,023
Rhumbline MC	24,881,622	16.3	17.0	-0.7	1,022,837
Polen Capital LCG	9,679,811	6.4	7.5	-1.1	1,748,627
larding Loevner Intl Equity (HLIZX)	7,247,693	4.8	5.0	-0.2	371,265
anguard EM Index (VEMIX)	6,958,012	4.6	5.0	-0.4	660,946
Sarcia Hamilton Fixed Income	17,363,368	11.4	16.0	-4.6	7,017,299
Vestern Asset Inter Bond (WABSX)	4,072,407	2.7	2.5	0.2	-262,928
aird Inter Bond Fund (BIMIX)	4,172,889	2.7	2.5	0.2	-363,410
lackrock Multi-Asset Income (BKMIX)	6,056,048	4.0	2.5	1.5	-2,246,569
PMorgan Income Builder Fund (JNBZX)	6,111,037	4.0	2.5	1.5	-2,301,558
Deerpath Capital Advantage VI	1,149,059	0.8	1.3	-0.5	755,680
eerpath Capital VI, LP	1,819,672	1.2	1.3	-0.1	85,067
R&D Cash	816,789	0.5	0.0	0.5	-816,789



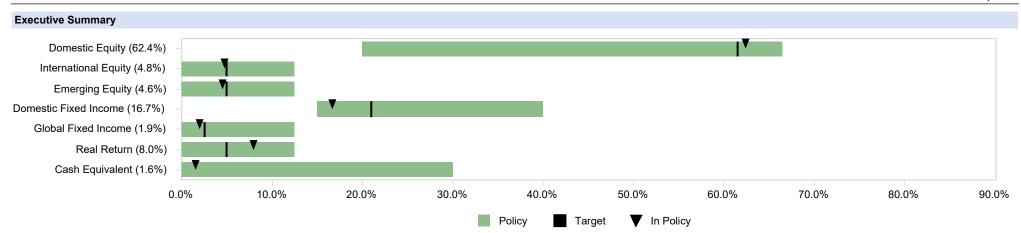






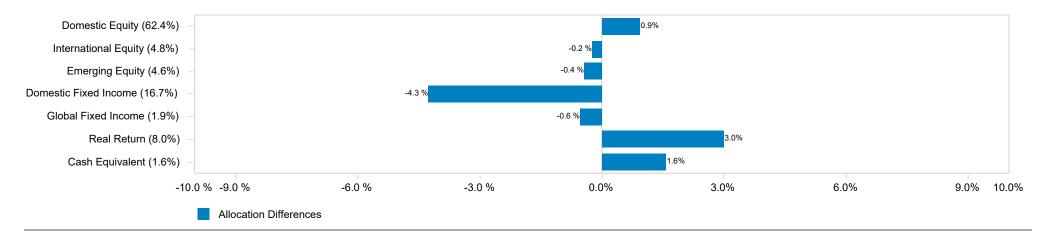
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**Asset Allocation Compliance** 

	Asset Allocation \$	Current Allocation (%)	Target Allocation (%)	Differences (%)	Target Rebal. (\$000)
Domestic Equity	95,140,812	62.4	61.5	0.9	-1,427,623
International Equity	7,247,693	4.8	5.0	-0.2	371,265
Emerging Equity	6,958,012	4.6	5.0	-0.4	660,946
Domestic Fixed Income	25,487,373	16.7	21.0	-4.3	6,512,252
Global Fixed Income	2,968,731	1.9	2.5	-0.6	840,748
Real Return	12,167,085	8.0	5.0	3.0	-4,548,127
Cash Equivalent	2,409,461	1.6	0.0	1.6	-2,409,461
Total Fund	152,379,168	100.0	100.0	0.0	-

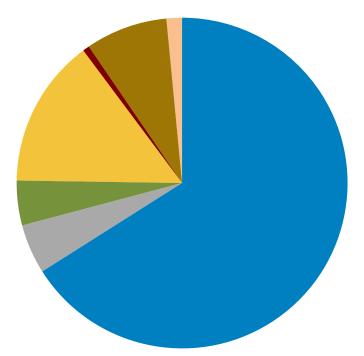




Asset Allocation Summary Total Fund As of June 30, 2022

Asset Allocation By Segment as of June 30, 2022 : \$152,379,168

Asset Allocation By Segment as of March 31, 2022 : \$175,358,528

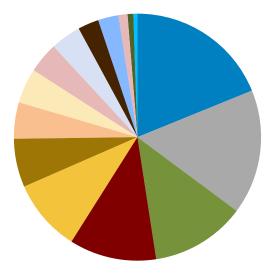


location			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
Domestic Equity	115,775,015	66.0	Domestic Equity	95,140,812	62.4
International Equity	8,506,503	4.9	International Equity	7,247,693	4.8
Emerging Equity	7,661,362	4.4	Emerging Equity	6,958,012	4.6
Domestic Fixed Income	25,540,685	14.6	Domestic Fixed Income	25,487,373	16.7
Global Fixed Income	1,150,337	0.7	Global Fixed Income	2,968,731	1.9
Real Return	14,060,931	8.0	Real Return	12,167,085	8.0
Cash Equivalent	2,663,696	1.5	Cash Equivalent	2,409,461	1.6

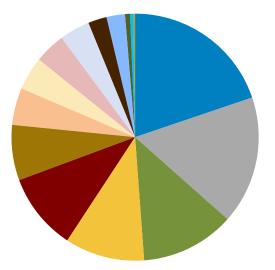


Asset Allocation Summary Total Fund As of June 30, 2022

Asset Allocation By Manager as of June 30, 2022 : \$152,379,168



#### Asset Allocation By Manager as of March 31, 2022 : \$175,358,528



llocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Newton LCV	34,705,141	19.8	Newton LCV	28,716,925	18.8
Rhumbline MC	29,407,677	16.8	Rhumbline MC	24,881,622	16.3
Rhumbline LCV	21,514,034	12.3	Rhumbline LCV	18,894,941	12.4
Rhumbline LCG	18,255,327	10.4	Garcia Hamilton Fixed Income	17,363,368	11.4
Garcia Hamilton Fixed Income	17,716,968	10.1	Rhumbline LCG	14,438,894	9.5
Polen Capital LCG	12,712,083	7.2	Polen Capital LCG	9,679,811	6.4
Harding Loevner Intl Equity (HLIZX)	8,506,503	4.9	Harding Loevner Intl Equity (HLIZX)	7,247,693	4.8
Vanguard EM Index (VEMIX)	7,661,362	4.4	Vanguard EM Index (VEMIX)	6,958,012	4.6
JPMorgan Income Builder Fund (JNBZX)	7,085,924	4.0	JPMorgan Income Builder Fund (JNBZX)	6,111,037	4.0
Blackrock Multi-Asset Income (BKMIX)	6,975,007	4.0	Blackrock Multi-Asset Income (BKMIX)	6,056,048	4.0
Baird Inter Bond Fund (BIMIX)	4,285,346	2.4	Baird Inter Bond Fund (BIMIX)	4,172,889	2.7
Western Asset Inter Bond (WABSX)	4,226,233	2.4	Western Asset Inter Bond (WABSX)	4,072,407	2.7
Deerpath Capital Advantage VI	1,150,337	0.7	Deerpath Capital VI, LP	1,819,672	1.2
R&D Cash	753,802	0.4	Deerpath Capital Advantage VI	1,149,059	0.8
Vanguard Total Stock Mkt (VTSAX)	402,785	0.2	R&D Cash	816,789	0.5
Deerpath Capital VI, LP	-	0.0	Vanguard Total Stock Mkt (VTSAX)	-	0.0



<b>Financial Reconciliation Quarter to Date</b>									
	Market Value 04/01/2022	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2022
Total Equity	133,164,911	-3,069,012	-	-	-57,936	-7,799	499,802	-19,712,069	110,817,898
Total Domestic Equity	116,997,047	-3,069,012	-	-	-57,936	-7,799	449,366	-17,699,473	96,612,193
Newton LCV	34,705,141	-2,696,000	-	-	-32,258	-3,901	172,240	-3,428,297	28,716,925
Rhumbline LCV	21,514,034	2,141	-	-	-2,141	-736	113,801	-2,732,158	18,894,941
Rhumbline LCG	18,255,327	1,827	-	-	-1,827	-695	38,170	-3,853,908	14,438,894
Polen Capital LCG	12,712,083	-	-	-	-18,807	-1,430	10,444	-3,022,479	9,679,811
Vanguard Total Stock Mkt (VTSAX)	402,785	-379,883	-	-	-	-	-	-22,902	-
Rhumbline MC	29,407,677	2,903	-	-	-2,903	-1,037	114,711	-4,639,729	24,881,622
Total International Equity	16,167,864	-	-	-	-	-	50,436	-2,012,595	14,205,705
Vanguard EM Index (VEMIX)	7,661,362	-	-	-	-	-	50,436	-753,785	6,958,012
Harding Loevner Intl Equity (HLIZX)	8,506,503	-	-	-	-	-	-	-1,258,810	7,247,693
Total Fixed Income	26,228,548	-	-	-	-8,960	-1,984	153,388	-762,328	25,608,664
Garcia Hamilton Fixed Income	17,716,968	-	-	-	-8,960	-1,984	109,419	-452,076	17,363,368
Baird Inter Bond Fund (BIMIX)	4,285,346	-	-	-	-	-	19,851	-132,308	4,172,889
Western Asset Inter Bond (WABSX)	4,226,233	-	-	-	-	-	24,118	-177,944	4,072,407
Total Real Return Composite	14,060,931	-550,000	-	-	-	-	163,292	-1,507,138	12,167,085
JPMorgan Income Builder Fund (JNBZX)	7,085,924	-275,000	-	-	-	-	82,744	-782,631	6,111,037
Blackrock Multi-Asset Income (BKMIX)	6,975,007	-275,000	-	-	-	-	80,548	-724,507	6,056,048
Total Alternatives	1,150,337	1,792,620	-	-	-	-	27,052	-1,277	2,968,731
Deerpath Capital Advantage VI	1,150,337	-27,052	-	-	-	-	27,052	-1,277	1,149,059
Deerpath Capital VI, LP	-	1,819,672	-	-	-	-	-	-	1,819,672
Cash Accounts									
R&D Cash	753,802	1,826,391	314,745	-2,037,783	-	-40,718	352	-	816,789
Total Fund	175,358,528	-	314,745	-2,037,783	-66,896	-50,501	843,887	-21,982,812	152,379,168



Financial Reconciliation Quarter to Date									
	Market Value 10/01/2021	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 06/30/2022
Total Equity	131,434,336	-5,874,253	-	-	-169,498	-23,794	1,743,517	-16,292,410	110,817,898
Total Domestic Equity	114,097,471	-5,874,253	-	-	-169,498	-23,794	1,354,734	-12,772,468	96,612,193
Newton LCV	32,038,288	-4,346,000	-	-	-93,241	-11,239	524,666	604,451	28,716,925
Rhumbline LCV	19,704,518	406,313	-	-	-6,313	-2,666	338,483	-1,545,395	18,894,941
Rhumbline LCG	24,674,680	-6,744,472	-	-	-6,528	-2,484	112,725	-3,595,027	14,438,894
Polen Capital LCG	8,944,302	5,000,000	-	-	-54,569	-4,091	33,908	-4,239,740	9,679,811
Vanguard Total Stock Mkt (VTSAX)	104,406	-198,941	-	-	-	-	8,579	85,956	-
Rhumbline MC	28,631,277	8,847	-	-	-8,847	-3,315	336,373	-4,082,713	24,881,622
Total International Equity	17,336,865	-	-	-	-	-	388,783	-3,519,942	14,205,705
Vanguard EM Index (VEMIX)	8,204,266	-	-	-	-	-	149,768	-1,396,021	6,958,012
Harding Loevner Intl Equity (HLIZX)	9,132,599	-	-	-	-	-	239,015	-2,123,921	7,247,693
Total Fixed Income	27,358,579	-	-	-	-34,779	-7,147	442,250	-2,150,239	25,608,664
Garcia Hamilton Fixed Income	27,358,579	-9,000,000	-	-	-34,779	-7,147	318,642	-1,271,926	17,363,368
Baird Inter Bond Fund (BIMIX)	-	4,500,000	-	-	-	-	72,601	-399,712	4,172,889
Western Asset Inter Bond (WABSX)	-	4,500,000	-	-	-	-	51,008	-478,601	4,072,407
Total Real Return Composite	13,537,565	250,000	-	-	-	-	857,107	-2,477,586	12,167,085
JPMorgan Income Builder Fund (JNBZX)	6,803,863	125,000	-	-	-	-	550,453	-1,368,279	6,111,037
Blackrock Multi-Asset Income (BKMIX)	6,733,701	125,000	-	-	-	-	306,654	-1,109,307	6,056,048
Total Alternatives	-	2,942,957	-	-	-	-	27,052	-1,277	2,968,731
Deerpath Capital Advantage VI	-	1,123,285	-	-	-	-	27,052	-1,277	1,149,059
Deerpath Capital VI, LP	-	1,819,672	-	-	-	-	-	-	1,819,672
Cash Accounts									
R&D Cash	609,984	2,681,297	3,798,893	-6,169,543	-	-104,204	362	-	816,789
Total Fund	172,940,463	-	3,798,893	-6,169,543	-204,277	-135,145	3,070,288	-20,921,512	152,379,168



Asset Allocation & Performance	<b></b>				<b>B f</b> (61)		
	Allocatio	on			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Total Fund Composite	152,379,168	100.0	-12.15	-10.51	-10.92	7.42	7.76
Policy Index			-12.53	-12.06	-12.74	6.10	6.78
Difference			0.38	1.55	1.82	1.32	0.98
Total Equity Composite	110,817,898	72.7	-14.69	-11.69	-12.18	9.82	9.99
Total Equity Index			-15.84	-14.03	-14.95	7.88	8.70
Difference			1.15	2.34	2.77	1.94	1.29
Total Domestic Equity	96,612,193	63.4					
Newton LCV	28,716,925	18.8	-10.03 (24)	2.79 (6)	3.51 (5)	13.28 (5)	11.66 (10)
Russell 1000 Value Index	, ,		-12.21 (57)	-6.09 (63)	-6.82 (65)	6.87 (88)	7.17 (82)
Difference			2.18	8.88	10.33	6.41	4.49
IM U.S. Large Cap Value Equity (SA+CF) Median			-11.76	-4.75	-5.54	9.04	8.88
Rhumbline LCV	18,894,941	12.4	-12.17 (65)	-6.03 (69)	-6.76 (72)	6.88 (90)	7.17 (88)
Russell 1000 Value Index			-12.21 (65)	-6.09 (69)	-6.82 (72)	6.87 (90)	7.17 (88)
Difference			0.04	0.06	0.06	0.01	0.00
IM U.S. Large Cap Value Equity (MF) Median			-11.12	-4.03	-4.46	8.99	9.05
Rhumbline LCG	14,438,894	9.5	-20.90 (42)	-19.66 (23)	-18.73 (23)	12.60 (11)	14.30 (15)
Russell 1000 Growth Index			-20.92 (43)	-19.70 (24)	-18.77 (24)	12.58 (11)	14.29 (15)
Difference			0.02	0.04	0.04	0.02	0.01
IM U.S. Large Cap Growth Equity (MF) Median			-21.79	-23.75	-23.36	9.61	12.66
Polen Capital LCG	9,679,811	6.4	-23.71 (84)	-30.43 (88)	-28.51 (81)	N/A	N/A
Russell 1000 Growth Index			-20.92 (58)	-19.70 (41)	-18.77 (42)	12.58 (16)	14.29 (20)
Difference			-2.79	-10.73	-9.74	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median			-20.20	-21.78	-20.97	9.63	12.58
Rhumbline MC	24,881,622	16.3	-15.39 (56)	-13.09 (56)	-14.61 (58)	6.87 (61)	7.02 (76)
S&P MidCap 400 Index			-15.42 (56)	-13.11 (56)	-14.64 (58)	6.87 (61)	7.02 (76)
Difference			0.03	0.02	0.03	0.00	0.00
IM U.S. Mid Cap Equity (MF) Median			-14.60	-11.02	-11.66	7.49	8.47



Asset Allocation & Performance

**Total Fund Composite (Gross)** 

As of June 30, 2022

	Allocatio	n			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
otal International Equity							
larding Loevner Intl Equity (HLIZX)	7,247,693	4.8	-14.80 (71)	-20.64 (59)	-22.51 (52)	2.16 (32)	3.45 (22)
MSCI EAFE Index			-14.29 (66)	-17.04 (36)	-17.33 (23)	1.54 (44)	2.69 (34)
Difference			-0.51	-3.60	-5.18	0.62	0.76
IM International Equity (MF) Median			-13.08	-19.34	-22.19	1.22	1.96
′anguard EM Index (VEMIX)	6,958,012	4.6	-9.18 (10)	-15.19 (12)	-21.10 (16)	N/A	N/A
FTSE Emerging Mkts All Cap China A Inclusion Index			-10.40 (24)	-15.63 (15)	-20.96 (15)	2.42 (19)	3.48 (17)
Difference			1.22	0.44	-0.14	N/A	N/A
IM Emerging Markets Equity (MF) Median			-11.91	-21.79	-28.03	0.13	1.56
otal Fixed Income Composite	25,608,664	16.8	-2.32	-6.25	-6.30	-0.11	1.22
Total Fixed Income Index	-,,		-2.37	-7.30	-7.28	-0.16	1.14
Difference			0.05	1.05	0.98	0.05	0.08
Sarcia Hamilton Fixed Income	17,363,368	11.4	-1.93 (12)	-5.16 (8)	-5.21 (11)	0.28 (39)	N/A
Bloomberg Intermediate US Govt/Credit Idx	,000,000		-2.37 (34)	-7.30 (50)	-7.28 (54)	-0.16 (87)	1.13 (88)
Difference			0.44	2.14	2.07	0.44	N/A
IM U.S. Intermediate Duration (SA+CF) Median			-2.56	-7.31	-7.24	0.16	1.42
aird Inter Bond Fund (BIMIX)	4,172,889	2.7	-2.62 (55)	N/A	N/A	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx	, ,		-2.37 (46)	-7.30 (69)	-7.28 (69)	-0.16 (54)	1.13 (29)
Difference			-0.25	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median			-2.56	-6.43	-6.43	-0.11	0.85
Vestern Asset Inter Bond (WABSX)	4,072,407	2.7	-3.64 (86)	N/A	N/A	N/A	N/A
Bloomberg Intermed Aggregate Index	,- , -		-2.93 (68)	-7.95 (78)	-7.91 (78)	-0.60 (71)	0.88 (50)
Difference			-0.71	N/A	N/A	N/A	N/A Ó
IM U.S. Intermediate Duration Fixed Income (MF) Median			-2.56	-6.43	-6.43	-0.11	0.85
otal Real Return Composite	12,167,085	8.0					
PMorgan Income Builder Fund (JNBZX)	6,111,037	4.0	-9.93 (48)	-10.07 (40)	-10.61 (40)	1.99 (55)	N/A
50% MSCI World Value/ 50% BBA	0,11,000		-8.13 (29)	-7.92 (32)	-8.28 (27)	2.22 (51)	N/A
Difference			-1.80	-2.15	-2.33	-0.23	N/A
IM Flexible Portfolio (MF) Median			-10.07	-11.49	-12.05	2.23	3.31
lackrock Multi-Asset Income (BKMIX)	6,056,048	4.0	-9.27 (43)	-11.28 (48)	-11.54 (45)	1.04 (70)	N/A
50% MSCI World Value/ 50% BBA	-,		-8.13 (29)	-7.92 (32)	-8.28 (27)	2.22 (51)	N/A
Difference			-1.14	-3.36	-3.26	-1.18	N/A
IM Flexible Portfolio (MF) Median			-10.07	-11.49	-12.05	2.23	3.31



Asset Allocation & Performance

**Total Fund Composite (Gross)** 

As of June 30, 2022

	Allocation	Allocation					
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
Total Alternatives	2,968,731	1.9					
Deerpath Capital Advantage VI *	1,149,059	0.8					
Deerpath Capital VI, LP *	1,819,672	1.2					
R&D Cash	816,789	0.5					



Asset Allocation & Performance							
	Allocatio	n			Performance(%)		
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR
otal Fund Composite	152,379,168	100.0	-12.19 (87)	-10.61 (46)	-11.06 (51)	7.29 (6)	7.64 (7)
Policy Index			-12.53 (91)	-12.06 (66)	-12.74 (72)	6.10 (25)	6.78 (25
Difference			0.34	1.45	1.68	1.19	0.86
All Public Plans-Total Fund Median			-10.61	-10.94	-11.05	5.31	6.14
otal Equity Composite	110,817,898	72.7	-14.73	-11.82	-12.34	9.69	9.87
Total Equity Index			-15.84	-14.03	-14.95	7.88	8.70
Difference			1.11	2.21	2.61	1.81	1.17
otal Domestic Equity	96,612,193	63.4					
lewton LCV	28,716,925	18.8	-10.12	2.49	3.12	12.85	11.26
Russell 1000 Value Index			-12.21	-6.09	-6.82	6.87	7.17
Difference			2.09	8.58	9.94	5.98	4.09
humbline LCV	18,894,941	12.4	-12.18	-6.06	-6.79	6.84	7.13
Russell 1000 Value Index			-12.21	-6.09	-6.82	6.87	7.17
Difference			0.03	0.03	0.03	-0.03	-0.04
humbline LCG	14,438,894	9.5	-20.91	-19.68	-18.77	12.56	14.25
Russell 1000 Growth Index			-20.92	-19.70	-18.77	12.58	14.29
Difference			0.01	0.02	0.00	-0.02	-0.04
olen Capital LCG	9,679,811	6.4	-23.84	-30.80	-28.98	N/A	N/A
Russell 1000 Growth Index			-20.92	-19.70	-18.77	12.58	14.29
Difference			-2.92	-11.10	-10.21	N/A	N/A
humbline MC	24,881,622	16.3	-15.40	-13.11	-14.65	6.84	6.98
S&P MidCap 400 Index			-15.42	-13.11	-14.64	6.87	7.02
Difference			0.02	0.00	-0.01	-0.03	-0.04



**Asset Allocation & Performance** 

**Total Fund Composite (Net)** 

As of June 30, 2022

	Allocatio	n		Performance(%)					
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR		
otal International Equity									
Harding Loevner Intl Equity (HLIZX)	7,247,693	4.8	-14.80	-20.64	-22.51	2.16	3.45		
MSCI EAFE Index			-14.29	-17.04	-17.33	1.54	2.69		
Difference			-0.51	-3.60	-5.18	0.62	0.76		
/anguard EM Index (VEMIX)	6,958,012	4.6	-9.18	-15.19	-21.10	N/A	N/A		
FTSE Emerging Mkts All Cap China A Inclusion Index	- , , -		-10.40	-15.63	-20.96	2.42	3.48		
Difference			1.22	0.44	-0.14	N/A	N/A		
otal Fixed Income Composite	25,608,664	16.8	-2.36	-6.37	-6.47	-0.30	1.02		
Total Fixed Income Index	20,000,004	10.0	-2.37	-7.30	-7.28	-0.16	1.14		
Difference			0.01	0.93	0.81	-0.14	-0.12		
Consis Llowitten Fixed Income	47 000 000	44.4	1.00	5.00	5.40	0.00	N/A		
Garcia Hamilton Fixed Income Bloomberg Intermediate US Govt/Credit Idx	17,363,368	11.4	-1.98 -2.37	-5.32 -7.30	-5.42 -7.28	0.08 -0.16	N/A 1.13		
Difference			0.39	-7.30	-7.20	0.24	N/A		
Difference			0.39	1.90	1.00	0.24	N/A		
Baird Inter Bond Fund (BIMIX)	4,172,889	2.7	-2.62	N/A	N/A	N/A	N/A		
Bloomberg Intermediate US Govt/Credit Idx			-2.37	-7.30	-7.28	-0.16	1.13		
Difference			-0.25	N/A	N/A	N/A	N/A		
Vestern Asset Inter Bond (WABSX)	4,072,407	2.7	-3.64	N/A	N/A	N/A	N/A		
Bloomberg Intermed Aggregate Index			-2.93	-7.95	-7.91	-0.60	0.88		
Difference			-0.71	N/A	N/A	N/A	N/A		
otal Real Return Composite	12,167,085	8.0							
PMorgan Income Builder Fund (JNBZX)	6,111,037	4.0	-9.93	-10.07	-10.61	1.99	N/A		
50% MSCI World Value/ 50% BBA	-,,		-8.13	-7.92	-8.28	2.22	N/A		
Difference			-1.80	-2.15	-2.33	-0.23	N/A		
Blackrock Multi-Asset Income (BKMIX)	6,056,048	4.0	-9.27	-11.28	-11.54	1.04	N/A		
50% MSCI World Value/ 50% BBA	-,,		-8.13	-7.92	-8.28	2.22	N/A		
Difference			-1.14	-3.36	-3.26	-1.18	N/A		
Total Alternatives	2,968,731	1.9							
Deerpath Capital Advantage VI *	1,149,059	0.8							
Deerpath Capital VI, LP *	1,819,672	1.2							
R&D Cash	816,789	0.5							



	Allocatio	on			Performance(%)		
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017
Total Fund Composite	152,379,168	100.0	25.73	9.07	3.11	10.95	13.03
Policy Index			24.56	8.33	3.34	9.71	12.18
Difference			1.17	0.74	-0.23	1.24	0.85
Total Equity Composite	110,817,898	72.7	34.27	10.87	1.64	15.22	19.43
Total Equity Index			33.79	8.72	1.28	14.77	18.57
Difference			0.48	2.15	0.36	0.45	0.86
Total Domestic Equity	96,612,193	63.4					
Vanguard Total Stock Mkt (VTSAX)	-	0.0	32.08 (50)	14.94 (33)	2.88 (34)	17.62 (32)	N/A
CRSP U.S. Total Market TR Index			32.11 (50)	14.99 (33)	2.92 (34)	17.62 (32)	18.64 (40)
Difference			-0.03	-0.05	-0.04	0.00	N/A
IM U.S. Equity (MF) Median			31.93	4.43	0.15	13.34	17.56
Newton LCV	28,716,925	18.8	48.88 (11)	-7.57 (80)	3.21 (44)	14.27 (30)	19.42 (34)
Russell 1000 Value Index			35.01 (60)	-5.03 (66)	4.00 (39)	9.45 (78)	15.12 (76)
Difference			13.87	-2.54	-0.79	4.82	4.30
IM U.S. Large Cap Value Equity (SA+CF) Median			37.17	-3.08	2.36	11.83	17.89
Dana LCG	-	0.0	N/A	N/A	N/A	N/A	23.86 (19)
Russell 1000 Growth Index			27.32 (51)	37.53 (30)	3.71 (52)	26.30 (37)	21.94 (39)
Difference			N/A	N/A	N/A	N/A	1.92
IM U.S. Large Cap Growth Equity (SA+CF) Median			27.43	33.32	3.80	24.59	20.87
Rhumbline LCV	18,894,941	12.4	34.91 (47)	-4.97 (76)	4.03 (53)	9.43 (79)	15.13 (90)
Russell 1000 Value Index			35.01 (47)	-5.03 (77)	4.00 (53)	9.45 (79)	15.12 (90)
Difference			-0.10	0.06	0.03	-0.02	0.01
IM U.S. Large Cap Value Equity (MF) Median			34.32	-2.04	4.10	12.74	18.48
Rhumbline LCG	14,438,894	9.5	27.31 (47)	37.55 (35)	3.71 (44)	26.25 (47)	21.93 (42)
Russell 1000 Growth Index			27.32 (46)	37.53 (36)	3.71 (45)	26.30 (46)	21.94 (41)
Difference			-0.01	0.02	0.00	-0.05	-0.01
IM U.S. Large Cap Growth Equity (MF) Median			27.17	35.41	3.17	25.67	21.43
Polen Capital LCG	9,679,811	6.4	N/A	N/A	N/A	N/A	N/A
Russell 1000 Growth Index			27.32 (51)	37.53 (30)	3.71 (52)	26.30 (37)	21.94 (39)
Difference			N/A	N/A	N/A	N/A	N/A
IM U.S. Large Cap Growth Equity (SA+CF) Median			27.43	33.32	3.80	24.59	20.87

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

Asset Allocation & Performance

	Allocatio	Allocation			Performance(%)		
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017
Rhumbline MC	24,881,622	16.3	43.61 (31)	-2.11 (58)	-2.49 (79)	14.16 (43)	17.50 (48)
S&P MidCap 400 Index			43.68 (30)	-2.16 (58)	-2.49 (79)	14.21 (43)	17.52 (48)
Difference			-0.07	0.05	0.00	-0.05	-0.02
IM U.S. Mid Cap Equity (MF) Median			38.48	1.40	2.89	13.02	17.35

Total Fund Composite (Gross) As of June 30, 2022

	Allocatio	n			Performance(%)		
	Market		Oct-2020	Oct-2019	Oct-2018	Oct-2017	Oct-2016
	Value	%	То	То	То	То	То
	\$		Sep-2021	Sep-2020	Sep-2019	Sep-2018	Sep-2017
Total International Equity	7.0.47.000	4.0	00.50 (04)	44.44 (00)	0.00 (00)	5.00 (44)	40.50 (50)
Harding Loevner Intl Equity (HLIZX)	7,247,693	4.8	20.58 (64)	14.11 (29)	-3.30 (62)	5.86 (11)	18.56 (58)
MSCI EAFE Index			26.29 (34)	0.93 (69)	-0.82 (41)	3.25 (21)	19.65 (48)
Difference			-5.71	13.18	-2.48	2.61	-1.09
IM International Equity (MF) Median			23.07	6.53	-1.89	0.18	19.37
Vanguard EM Index (VEMIX)	6,958,012	4.6	18.42 (57)	N/A	N/A	N/A	N/A
FTSE Emerging Mkts All Cap China A Inclusion Index			20.14 (46)	9.82 (54)	1.49 (40)	-2.51 (36)	19.49 (64)
Difference			-1.72	N/A	N/A	N/A	N/A
IM Emerging Markets Equity (MF) Median			19.25	10.39	0.25	-3.86	21.20
Total Fixed Income Composite	25,608,664	16.8	-0.89	5.50	7.48	0.00	0.33
Total Fixed Income Index	20,000,001	1010	-0.40	6.32	8.17	-1.04	0.16
Difference			-0.49	-0.82	-0.69	1.04	0.17
Denver Core FI		0.0	N/A	N/A	N/A	N/A	0.49 (76)
Denver Fl Index	-	0.0	-0.50 (79)	6.45 (82)	8.59 (88)	-1.01 (77)	0.20 (84)
Difference			-0.30 (79) N/A	N/A	N/A	-1.01 (77) N/A	0.20 (04)
IM U.S. Broad Market Fixed Income (SA+CF) Median			0.71	7.59	10.39	-0.61	1.05
IN 0.3. BIORU MAIKEL FIXED INCOME (SATCE) MEDIAN			0.71	7.59	10.39	-0.01	1.05
Garcia Hamilton Fixed Income	17,363,368	11.4	-0.89 (97)	5.50 (84)	7.48 (77)	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx			-0.40 (88)	6.32 (60)	8.17 (39)	-0.96 (95)	0.23 (87)
Difference			-0.49	-0.82	-0.69	N/A	N/A
IM U.S. Intermediate Duration (SA+CF) Median			0.25	6.45	8.01	-0.38	0.69
Baird Inter Bond Fund (BIMIX)	4,172,889	2.7	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermediate US Govt/Credit Idx	.,,		-0.40 (71)	6.32 (26)	8.17 (14)	-0.96 (54)	0.23 (61)
Difference			N/A	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median			0.21	5.20	6.02	-0.88	0.48
Western Asset Inter Bond (WABSX)	4,072,407	2.7	N/A	N/A	N/A	N/A	N/A
Bloomberg Intermed Aggregate Index	4,072,407	2.7	-0.38 (71)	5.66 (42)	8.08 (15)	-0.93 (53)	0.25 (61)
Difference			-0.00 (71) N/A	N/A	N/A	N/A	N/A
IM U.S. Intermediate Duration Fixed Income (MF) Median			0.21	5.20	6.02	-0.88	0.48
State Street Core FI		0.0	N/A	N/A	N/A	N/A	
State Street Core Fi	-	0.0					0.06 (90)
			-0.90 (93)	6.98 (70)	10.30 (63)	-1.22 (83)	0.07 (90)
Difference			N/A	N/A	N/A	N/A	-0.01
IM U.S. Broad Market Core Fixed Income (MF) Median			0.82	7.63	10.46	-0.70	1.17
Total Real Return Composite	12,167,085	8.0					



Total Fund Composite (Gross) As of June 30, 2022

	Allocation	า	Performance(%)						
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017		
JPMorgan Income Builder Fund (JNBZX)	6,111,037	4.0	15.53 (57)	0.69 (66)	N/A	N/A	N/A		
50% MSCI World Value/ 50% BBA			14.65 (64)	-0.25 (71)	5.80 (24)	N/A	N/A		
Difference			0.88	0.94	N/A	N/A	N/A		
IM Flexible Portfolio (MF) Median			16.31	2.56	2.63	3.45	9.51		
Blackrock Multi-Asset Income (BKMIX)	6,056,048	4.0	12.13 (77)	2.39 (53)	6.39 (19)	N/A	N/A		
50% MSCI World Value/ 50% BBA			14.65 (64)	-0.25 (71)	5.80 (24)	N/A	N/A		
Difference			-2.52	2.64	0.59	N/A	N/A		
IM Flexible Portfolio (MF) Median			16.31	2.56	2.63	3.45	9.51		
Convertible									
AllianzGI FI Convert	-	0.0	N/A	N/A	N/A	N/A	13.56 (21)		
ICE BofAML All Convertibles ex Mandatory			28.12 (1)	35.02 (8)	3.71 (72)	12.96 (8)	16.52 (12)		
Difference			N/A	N/A	N/A	N/A	-2.96		
IM U.S. Convertible Bonds (SA+CF) Median			19.06	11.83	4.52	8.59	9.62		
Total Alternatives	2,968,731	1.9							
Deerpath Capital Advantage VI *	1,149,059	0.8							
Deerpath Capital VI, LP *	1,819,672	1.2							
R&D Cash	816,789	0.5							

		Performance(%)								
	Oct-2015	Oct-2014	Oct-2013	Oct-2012	Oct-2011					
	To San 2010	To San 2015	To Sam 2014	To Sam 2012	To Com 2010					
Fotal Fund Composite	Sep-2016 10.68	Sep-2015 0.48	Sep-2014 12.47	Sep-2013 13.40	Sep-2012 19.38					
Policy Index	11.13	0.46	10.98	11.68	17.79					
Difference	-0.45	0.43	1.49	1.72	1.59					
	0.10	0.10			1.00					
otal Equity Composite	14.32	-0.50	16.60	22.52	29.57					
Total Equity Index	14.84	-1.30	15.96	21.23	28.59					
Difference	-0.52	0.80	0.64	1.29	0.98					
otal Domestic Equity										
anguard Total Stock Mkt (VTSAX)	N/A	N/A	N/A	N/A	N/A					
CRSP U.S. Total Market TR Index	14.99 (28)	-0.55 (46)	17.77 (23)	21.59 (55)	29.96 (29					
Difference	N/A	N/A	N/A	N/A	N/A					
IM U.S. Equity (MF) Median	12.15	-0.93	13.77	22.53	27.32					
lewton LCV	15.54 (31)	-3.23 (49)	20.35 (27)	27.45 (22)	32.67 (10					
Russell 1000 Value Index	16.19 (26)	-4.42 (65)	18.89 (42)	22.30 (59)	30.92 (25					
Difference	-0.65	1.19	1.46	5.15	1.75					
IM U.S. Large Cap Value Equity (SA+CF) Median	13.56	-3.29	18.38	23.65	28.06					
Dana LCG	8.58 (80)	5.07 (32)	19.65 (35)	19.30 (63)	29.94 (34					
Russell 1000 Growth Index	13.76 (23)	3.17 (56)	19.15 (40)	19.27 (64)	29.19 (39					
Difference	-5.18	1.90	0.50	0.03	0.75					
IM U.S. Large Cap Growth Equity (SA+CF) Median	11.84	3.63	18.18	20.29	27.82					
Rhumbline LCV	16.17 (24)	-4.56 (69)	18.82 (39)	22.20 (67)	30.80 (34					
Russell 1000 Value Index	16.19 (24)	-4.42 (69)	18.89 (38)	22.30 (67)	30.92 (34					
Difference	-0.02	-0.14	-0.07	-0.10	-0.12					
IM U.S. Large Cap Value Equity (MF) Median	14.37	-3.48	18.20	23.41	29.69					
Rhumbline LCG	13.70 (22)	3.17 (58)	19.11 (41)	19.24 (65)	29.11 (49					
Russell 1000 Growth Index	13.76 (21)	3.17 (58)	19.15 (40)	19.27 (64)	29.19 (49					
Difference	-0.06	0.00	-0.04	-0.03	-0.08					
IM U.S. Large Cap Growth Equity (MF) Median	12.06	3.79	18.32	21.12	28.91					
olen Capital LCG	N/A	N/A	N/A	N/A	N/A					
Russell 1000 Growth Index	13.76 (23)	3.17 (56)	19.15 (40)	19.27 (64)	29.19 (39					
Difference	N/A	N/A	N/A	N/A	N/A					
IM U.S. Large Cap Growth Equity (SA+CF) Median	11.84	3.63	18.18	20.29	27.82					



	Performance(%)							
	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012			
Rhumbline MC	15.10 (24)	1.47 (43)	11.81 (67)	27.55 (63)	28.53 (37)			
S&P MidCap 400 Index	15.33 (22)	1.40 (43)	11.82 (67)	27.68 (62)	28.54 (36)			
Difference	-0.23	0.07	-0.01	-0.13	-0.01			
IM U.S. Mid Cap Equity (MF) Median	12.20	0.76	13.36	28.45	26.73			

**Total Fund Composite (Gross)** 

As of June 30, 2022

			Performance(%)								
	Oct-2015	Oct-2014	Oct-2013	Oct-2012	Oct-2011						
	То Sep-2016	То Sep-2015	To Sep-2014	То Sep-2013	To Sep-2012						
Total International Equity											
Harding Loevner Intl Equity (HLIZX)	N/A	N/A	N/A	N/A	N/A						
MSCI EAFE Index	7.06 (65)	-8.27 (47)	4.70 (44)	24.29 (20)	14.33 (67)						
Difference	N/A	N/A	N/A	N/A	N/A						
IM International Equity (MF) Median	9.31	-8.71	4.26	17.85	16.25						
Vanguard EM Index (VEMIX)	N/A	N/A	N/A	N/A	N/A						
FTSE Emerging Mkts All Cap China A Inclusion Index	16.11 (49)	-16.91 (36)	7.32 (19)	0.97 (64)	15.80 (60)						
Difference	N/A	N/A	N/A	N/A	N/A						
IM Emerging Markets Equity (MF) Median	15.77	-18.47	4.15	2.35	16.88						
Total Fixed Income Composite	4.95	1.36	4.05	-1.24	5.25						
Total Fixed Income Index	5.43	1.83	3.65	-1.51	5.10						
Difference	-0.48	-0.47	0.40	0.27	0.15						
Denver Core FI	4.26 (97)	2.62 (59)	3.70 (93)	-0.54 (39)	N/A						
Denver FI Index	3.85 (99)	2.73 (55)	2.88 (98)	-1.18 (63)	N/A						
Difference	0.41	-0.11	0.82	0.64	N/A						
IM U.S. Broad Market Fixed Income (SA+CF) Median	5.92	2.83	4.90	-0.85	7.47						
Garcia Hamilton Fixed Income	N/A	N/A	N/A	N/A	N/A						
Bloomberg Intermediate US Govt/Credit Idx	3.52 (75)	2.68 (52)	2.20 (83)	-0.50 (66)	4.40 (81)						
Difference	N/A	N/A	N/A	N/A	N/A						
IM U.S. Intermediate Duration (SA+CF) Median	3.89	2.70	2.87	-0.26	5.56						
Baird Inter Bond Fund (BIMIX)	N/A	N/A	N/A	N/A	N/A						
Bloomberg Intermediate US Govt/Credit Idx	3.52 (18)	2.68 (13)	2.20 (40)	-0.50 (33)	4.40 (36)						
Difference	N/A	N/A	N/A	N/A	N/A						
IM U.S. Intermediate Duration Fixed Income (MF) Median	2.75	1.55	1.81	-1.17	3.60						
Western Asset Inter Bond (WABSX)	N/A	N/A	N/A	N/A	N/A						
Bloomberg Intermed Aggregate Index	3.57 (17)	2.95 (10)	2.74 (18)	-0.71 (38)	4.31 (37)						
Difference	N/A	N/A	N/A	N/A	N/A						
IM U.S. Intermediate Duration Fixed Income (MF) Median	2.75	1.55	1.81	-1.17	3.60						
State Street Core FI	5.22 (82)	2.97 (31)	3.94 (85)	-1.76 (85)	5.17 (91)						
SS Fixed Inc Index	5.19 (84)	2.94 (32)	3.96 (84)	-1.68 (83)	5.16 (91)						
Difference	0.03	0.03	-0.02	-0.08	0.01						
IM U.S. Broad Market Core Fixed Income (MF) Median	5.94	2.73	5.10	-0.86	7.67						

Total Real Return Composite

			Performance(%)		
	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
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	8.68	-4.37	8.19	8.68	15.88
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	8.68	-4.37	8.19	8.68	15.88
Convertible					
AllianzGI FI Convert	7.21 (74)	-2.50 (69)	N/A	N/A	N/A
ICE BofAML All Convertibles ex Mandatory	9.84 (43)	-2.51 (69)	14.45 (15)	20.71 (11)	16.46 (28)
Difference	-2.63	0.01	N/A	N/A	N/A
IM U.S. Convertible Bonds (SA+CF) Median	8.67	-0.17	9.51	15.11	13.29

#### **Total Alternatives**

Deerpath Capital Advantage VI \*

Deerpath Capital VI, LP \*

R&D Cash



	Allocatio	on					Perform	ance(%)				
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Total Fund Composite	152,379,168	100.0	25.59 (4)	8.93 (45)	3.04 (76)	10.81 (9)	12.85 (25)	10.49 (17)	0.29 (23)	12.25 (6)	13.20 (27)	19.17 (15)
Policy Index			24.56 (7)	8.33 (53)	3.34 (71)	9.71 (18)	12.18 (41)	11.13 (7)	0.05 (29)	10.98 (21)	11.68 (53)	17.79 (40)
Difference			1.03	0.60	-0.30	1.10	0.67	-0.64	0.24	1.27	1.52	1.38
All Public Plans-Total Fund Median			19.88	8.51	4.00	7.86	11.70	9.32	-0.71	9.59	11.77	17.32
Total Equity Composite	110,817,898	72.7	34.13	10.74	1.60	15.10	19.23	14.09	-0.53	16.59	22.52	29.57
Total Equity Index	-,- ,		33.79	8.72	1.28	14.77	18.57	14.84	-1.30	15.96	21.23	28.59
Difference			0.34	2.02	0.32	0.33	0.66	-0.75	0.77	0.63	1.29	0.98
Total Domestic Equity	96,612,193	63.4										
Vanguard Total Stock Mkt (VTSAX)	_	0.0	32.08	14.94	2.88	17.62	N/A	N/A	N/A	N/A	N/A	N/A
CRSP U.S. Total Market TR Index		0.0	32.11	14.99	2.92	17.62	18.64	14.99	-0.55	17.77	21.59	29.96
Difference			-0.03	-0.05	-0.04	0.00	N/A	N/A	N/A	N/A	N/A	N/A
Newton LCV	28,716,925	18.8	48.46	-8.10	3.10	13.80	18.83	15.48	-3.23	20.35	27.45	32.67
Russell 1000 Value Index			35.01	-5.03	4.00	9.45	15.12	16.19	-4.42	18.89	22.30	30.92
Difference			13.45	-3.07	-0.90	4.35	3.71	-0.71	1.19	1.46	5.15	1.75
Dana LCG	-	0.0	N/A	N/A	N/A	N/A	23.31	8.10	4.58	19.10	18.79	29.38
Russell 1000 Growth Index			27.32	37.53	3.71	26.30	21.94	13.76	3.17	19.15	19.27	29.19
Difference			N/A	N/A	N/A	N/A	1.37	-5.66	1.41	-0.05	-0.48	0.19
Rhumbline LCV	18,894,941	12.4	34.86	-5.02	4.00	9.39	15.07	16.10	-4.64	18.81	22.20	30.80
Russell 1000 Value Index			35.01	-5.03	4.00	9.45	15.12	16.19	-4.42	18.89	22.30	30.92
Difference			-0.15	0.01	0.00	-0.06	-0.05	-0.09	-0.22	-0.08	-0.10	-0.12
Rhumbline LCG	14,438,894	9.5	27.25	37.50	3.68	26.21	21.85	13.63	3.10	19.10	19.24	29.11
Russell 1000 Growth Index			27.32	37.53	3.71	26.30	21.94	13.76	3.17	19.15	19.27	29.19
Difference			-0.07	-0.03	-0.03	-0.09	-0.09	-0.13	-0.07	-0.05	-0.03	-0.08
Polen Capital LCG	9,679,811	6.4	N/A									
Russell 1000 Growth Index			27.32	37.53	3.71	26.30	21.94	13.76	3.17	19.15	19.27	29.19
Difference			N/A									
Rhumbline MC	24,881,622	16.3	43.56	-2.14	-2.52	14.11	17.43	15.04	1.39	11.79	27.55	28.53
S&P MidCap 400 Index			43.68	-2.16	-2.49	14.21	17.52	15.33	1.40	11.82	27.68	28.54
Difference			-0.12	0.02	-0.03	-0.10	-0.09	-0.29	-0.01	-0.03	-0.13	-0.01



**Total Fund Composite (Net)** 

As of June 30, 2022

	Allocatio	n					Perform	ance(%)				
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Total International Equity												
Harding Loevner Intl Equity (HLIZX)	7,247,693	4.8	20.58	14.11	-3.30	5.86	18.56	N/A	N/A	N/A	N/A	N/A
MSCI EAFE Index			26.29	0.93	-0.82	3.25	19.65	7.06	-8.27	4.70	24.29	14.33
Difference			-5.71	13.18	-2.48	2.61	-1.09	N/A	N/A	N/A	N/A	N/A
Vanguard EM Index (VEMIX)	6,958,012	4.6	18.42	N/A								
FTSE Emerging Mkts All Cap China A Inclusion Index			20.14	9.82	1.49	-2.51	19.49	16.11	-16.91	7.32	0.97	15.80
Difference			-1.72	N/A								
Total Fixed Income Composite	25,608,664	16.8	-1.08	5.29	7.27	-0.22	0.15	4.81	1.36	4.02	-1.24	5.25
Total Fixed Income Index			-0.40	6.32	8.17	-1.04	0.16	5.43	1.83	3.65	-1.51	5.10
Difference			-0.68	-1.03	-0.90	0.82	-0.01	-0.62	-0.47	0.37	0.27	0.15
Denver Core FI	-	0.0	N/A	N/A	N/A	N/A	0.27	4.03	2.40	3.46	-0.73	N/A
Denver FI Index			-0.50	6.45	8.59	-1.01	0.20	3.85	2.73	2.88	-1.18	N/A
Difference			N/A	N/A	N/A	N/A	0.07	0.18	-0.33	0.58	0.45	N/A
Garcia Hamilton Fixed Income	17,363,368	11.4	-1.08	5.29	7.27	N/A						
Bloomberg Intermediate US Govt/Credit Idx	,,		-0.40	6.32	8.17	-0.96	0.23	3.52	2.68	2.20	-0.50	4.40
Difference			-0.68	-1.03	-0.90	N/A						
Baird Inter Bond Fund (BIMIX)	4,172,889	2.7	N/A									
Bloomberg Intermediate US Govt/Credit Idx	, ,		-0.40	6.32	8.17	-0.96	0.23	3.52	2.68	2.20	-0.50	4.40
Difference			N/A									
Western Asset Inter Bond (WABSX)	4,072,407	2.7	N/A									
Bloomberg Intermed Aggregate Index			-0.38	5.66	8.08	-0.93	0.25	3.57	2.95	2.74	-0.71	4.31
Difference			N/A									
State Street Core FI	-	0.0	N/A	N/A	N/A	N/A	-0.02	5.17	2.97	3.94	-1.76	5.17
SS Fixed Inc Index			-0.90	6.98	10.30	-1.22	0.07	5.19	2.94	3.96	-1.68	5.16
Difference			N/A	N/A	N/A	N/A	-0.09	-0.02	0.03	-0.02	-0.08	0.01
Total Real Return Composite	12,167,085	8.0										
JPMorgan Income Builder Fund (JNBZX)	6,111,037	4.0	15.53	0.69	N/A							
50% MSCI World Value/ 50% BBA	- *		14.65	-0.25	5.80	N/A						
Difference			0.88	0.94	N/A							
Blackrock Multi-Asset Income (BKMIX)	6,056,048	4.0	12.13	2.39	6.39	N/A						
50% MSCI World Value/ 50% BBA	-,,	-	14.65	-0.25	5.80	N/A						
Difference			-2.52	2.64	0.59	N/A						

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



As of June 30, 2022

	Allocation	n					Perform	ance(%)				
	Market Value \$	%	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	Oct-2013 To Sep-2014	Oct-2012 To Sep-2013	Oct-2011 To Sep-2012
Convertible												
AllianzGI FI Convert	-	0.0	N/A	N/A	N/A	N/A	13.56	7.21	-2.50	N/A	N/A	N/A
ICE BofAML All Convertibles ex Mandatory			28.12	35.02	3.71	12.96	16.52	9.84	-2.51	14.45	20.71	16.46
Difference			N/A	N/A	N/A	N/A	-2.96	-2.63	0.01	N/A	N/A	N/A
Total Alternatives	2,968,731	1.9										
Deerpath Capital Advantage VI *	1,149,059	0.8										
Deerpath Capital VI, LP *	1,819,672	1.2										
R&D Cash	816,789	0.5										



## Historical Rolling Performance Total Fund As of June 30, 2022

Historical Rolling F	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
06/30/2022	-12.15	-10.92	7.42	7.76	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
03/31/2013	6.57	10.60	9.91	5.93	8.48
12/31/2012	1.04	12.76	9.01	3.27	8.27
09/30/2012	4.50	19.38	9.73	3.36	8.32

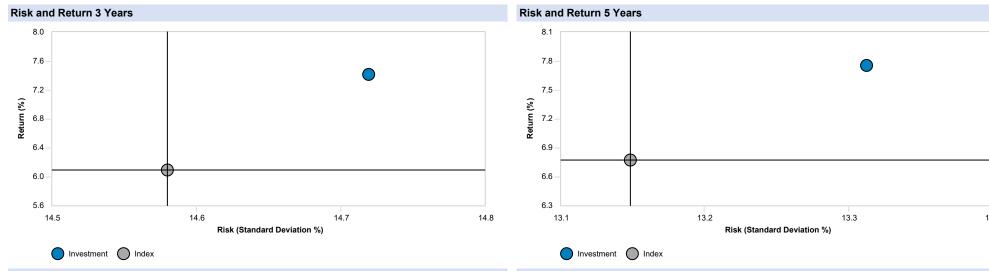


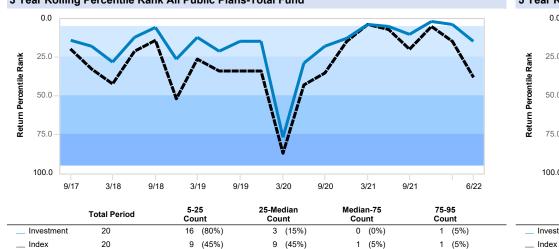
## Historical Rolling Performance Policy Index As of June 30, 2022

listorical Rolling P	Performance				
	QTR	1 YR	3 YR	5 YR	Inception
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
9/30/2021	-0.77	24.56	11.72	11.41	8.98
06/30/2021	5.26	32.90	13.55	12.30	9.08
3/31/2021	5.27	46.89	12.37	11.71	8.98
2/31/2020	13.28	15.13	10.18	10.98	8.87
9/30/2020	5.87	8.33	7.09	8.89	8.49
06/30/2020	16.35	3.00	6.18	6.57	8.36
)3/31/2020	-17.49	-8.39	1.76	3.31	7.88
12/31/2019	6.59	23.05	9.98	7.87	8.66
)9/30/2019	0.67	3.34	8.34	7.18	8.50
06/30/2019	3.47	6.94	9.27	6.89	8.55
)3/31/2019	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
6/30/2018	2.02	8.67	7.66	8.72	8.61
3/31/2018	-0.76	9.09	6.81	8.30	8.61
2/31/2017	4.01	14.48	7.92	9.82	8.73
9/30/2017	3.19	12.18	7.64	9.10	8.65
6/30/2017	2.42	12.26	6.29	9.31	8.61
)3/31/2017	4.15	12.39	6.79	8.54	8.59
2/31/2016	1.91	9.96	6.06	9.16	8.51
9/30/2016	3.27	11.13	7.26	10.17	8.52
06/30/2016	2.54	2.29	7.59	7.82	8.47
3/31/2016	1.90	-0.61	6.72	7.51	8.45
2/31/2015	3.00	-0.15	8.26	7.90	8.45
9/30/2015	-4.95	0.05	7.44	8.45	8.41
)6/30/2015	-0.37	4.57	10.76	11.18	8.73
)3/31/2015	2.37	9.02	10.49	10.19	8.84
12/31/2014	3.21	8.66	12.18	10.59	8.83
)9/30/2014	-0.66	10.98	13.44	10.63	8.78
06/30/2014	3.87	16.42	10.86	13.04	8.90
3/31/2014	2.03	12.17	9.85	14.37	8.83
2/31/2013	5.41	16.93	10.47	12.67	8.83
)9/30/2013	4.21	11.68	10.54	8.80	8.68
06/30/2013	0.08	11.62	11.75	6.78	8.59
)3/31/2013	6.36	10.29	9.93	6.41	8.68
2/31/2012	0.67	10.29	9.93	4.18	8.48
)9/30/2012	4.16	17.79	10.17	3.97	8.55

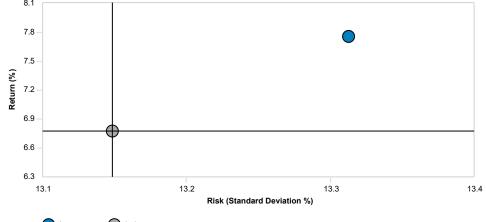


Historical Statistics 3 Years							Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	7.42	14.72	0.52	106.16	8	100.88	4	Investment	7.76	13.31	0.54	105.57	14	101.68	6
Index	6.10	14.58	0.43	100.00	8	100.00	4	Index	6.78	13.15	0.48	100.00	14	100.00	6



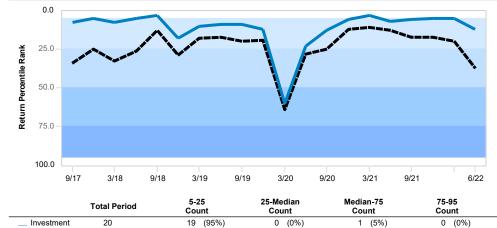


3 Year Rolling Percentile Rank All Public Plans-Total Fund



5 Year Rolling Percentile Rank All Public Plans-Total Fund

20



6 (30%)

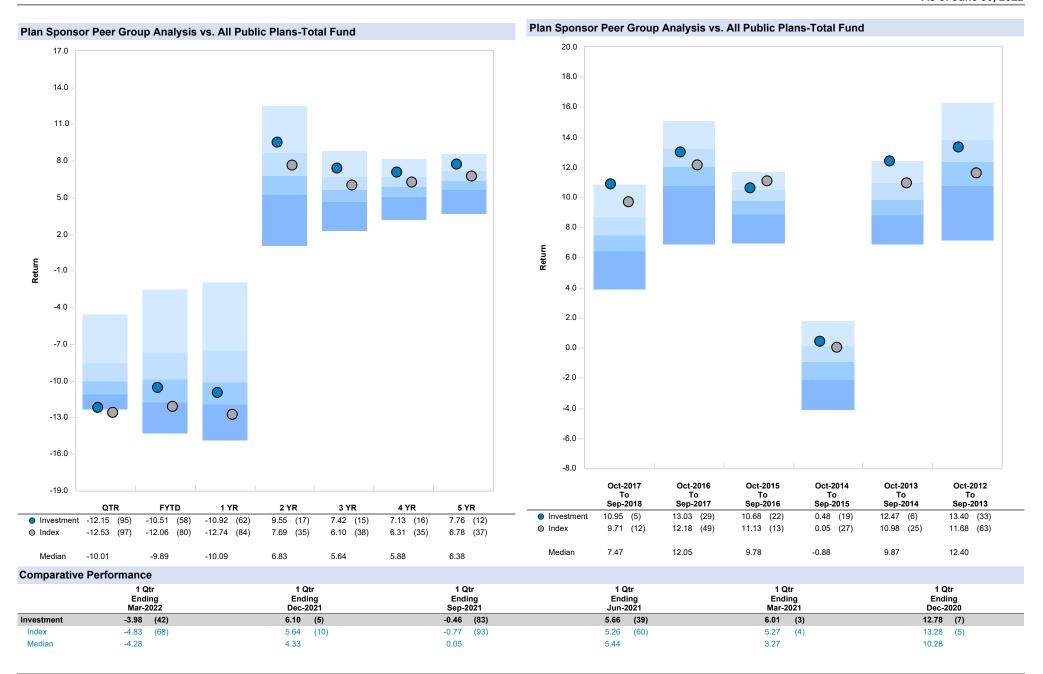
1 (5%)

13 (65%)

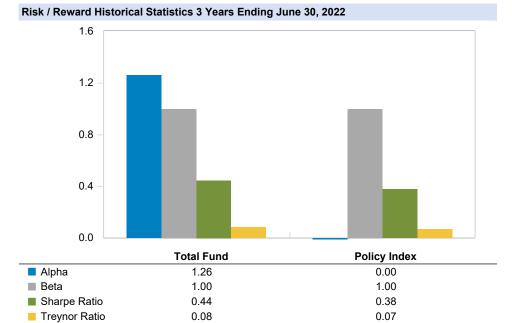


0 (0%)

## Strategy Review Total Fund | Policy Index As of June 30, 2022

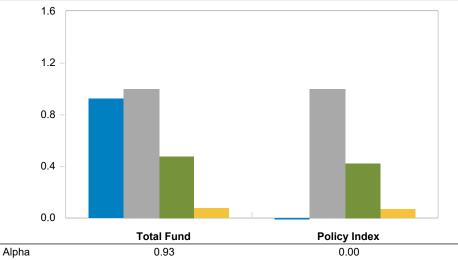






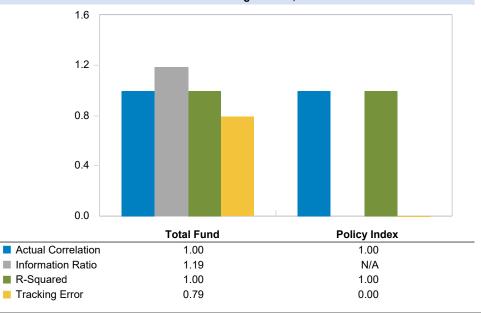
#### Index Relative Historical Statistics 3 Years Ending June 30, 2022 2.0 1.5 1.0 0.5 0.0 **Total Fund** Policy Index Actual Correlation 1.00 1.00 Information Ratio 1.61 N/A R-Squared 1.00 1.00 Tracking Error 0.79 0.00

Risk / Reward Historical Statistics 5 Years Ending June 30, 2022



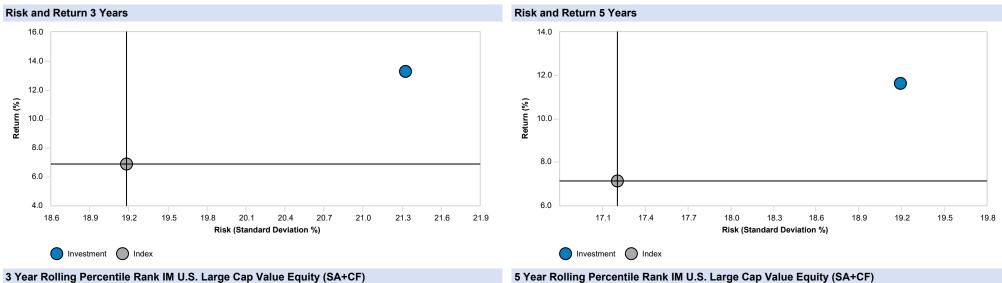
i otal Fullu	Fully muex
0.93	0.00
1.00	1.00
0.48	0.42
0.08	0.07
	0.93 1.00 0.48

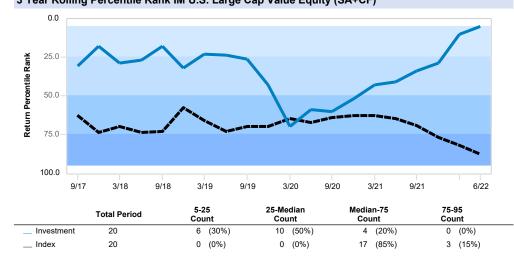
#### Index Relative Historical Statistics 5 Years Ending June 30, 2022



Benchmark: Policy Index

Historical Statistics 3 Years								Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	13.28	21.32	0.67	116.35	10	92.86	2	Investment	11.66	19.19	0.62	116.24	16	99.16	4	
Index	6.87	19.18	0.41	100.00	8	100.00	4	Index	7.17	17.21	0.43	100.00	14	100.00	6	



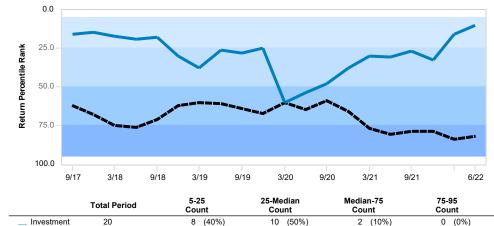


5 Year Rolling Percentile Rank IM U.S. Large Cap Value Equity (SA+CF)

0 (0%)

20

\_\_ Index



0 (0%)

13 (65%)

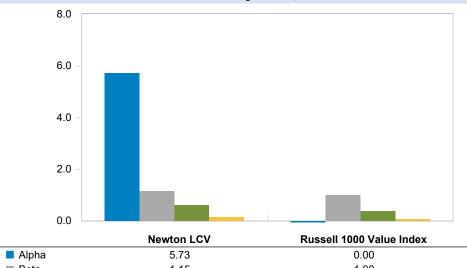


7 (35%)

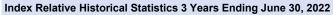




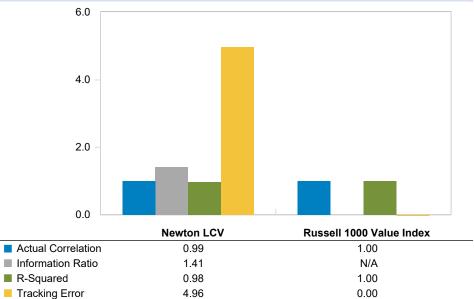
## Portfolio Comparison Newton LCV As of June 30, 2022



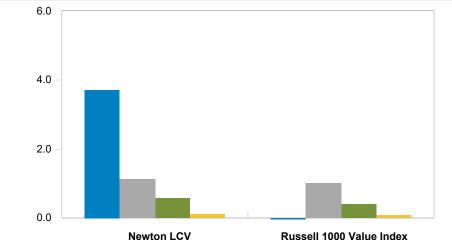
Alpha	5.73	0.00
Beta	1.15	1.00
Sharpe Ratio	0.60	0.39
Treynor Ratio	0.14	0.09



Risk / Reward Historical Statistics 3 Years Ending June 30, 2022

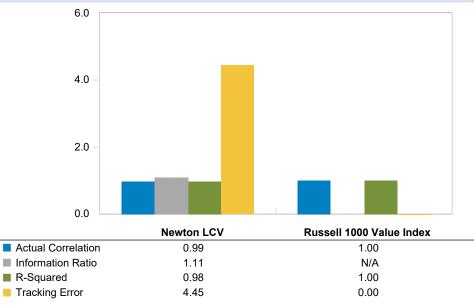


Risk / Reward Historical Statistics 5 Years Ending June 30, 2022



	Newton LCV	Russell 1000 Value Index
Alpha	3.72	0.00
Beta	1.14	1.00
Sharpe Ratio	0.57	0.40
Treynor Ratio	0.11	0.08

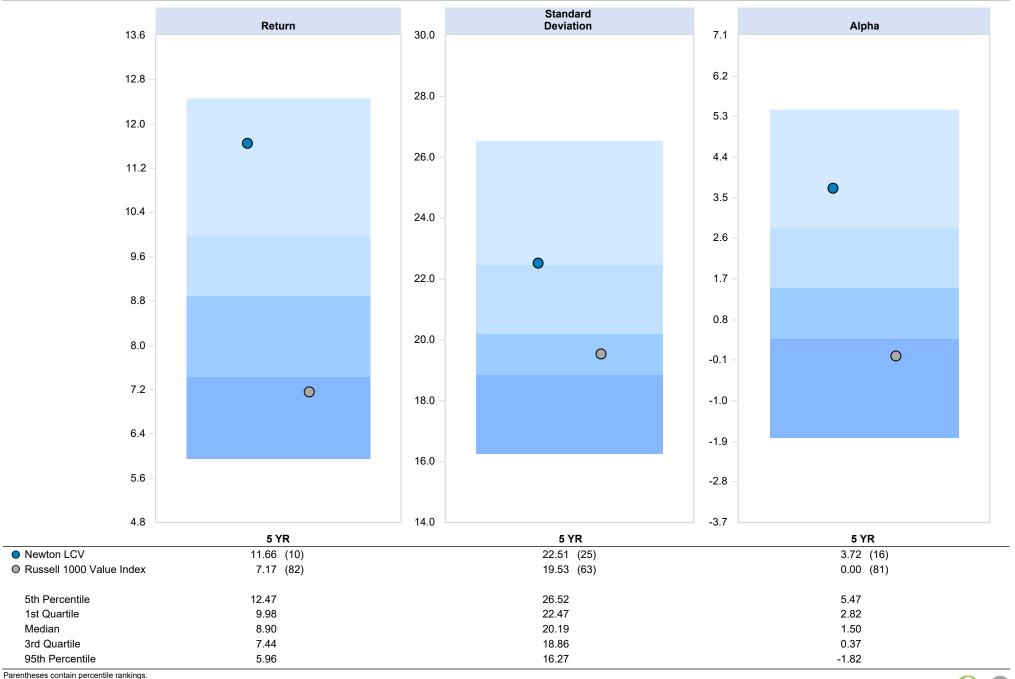
#### Index Relative Historical Statistics 5 Years Ending June 30, 2022



Benchmark: Russell 1000 Value Index



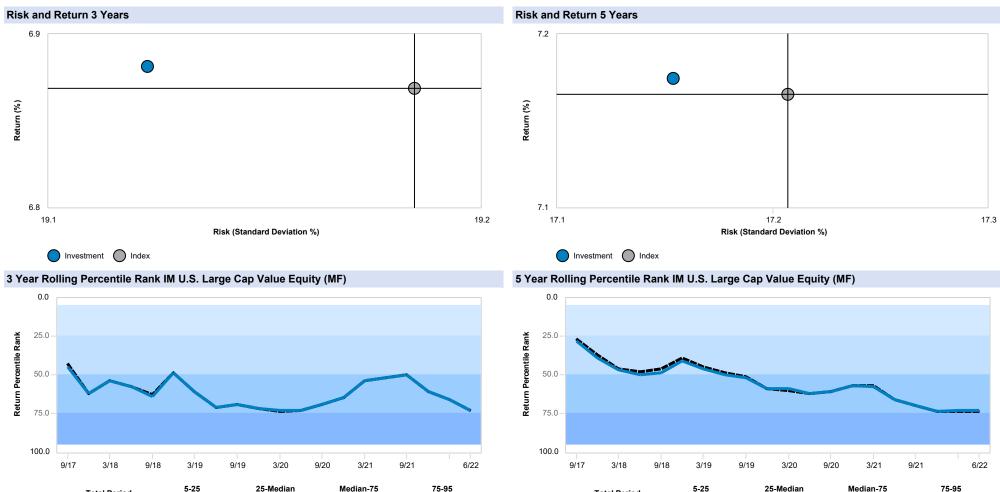
## Peer Group Analysis - Multi Statistics **Newton LCV** As of June 30, 2022



Calculation based on quarterly periodicity.



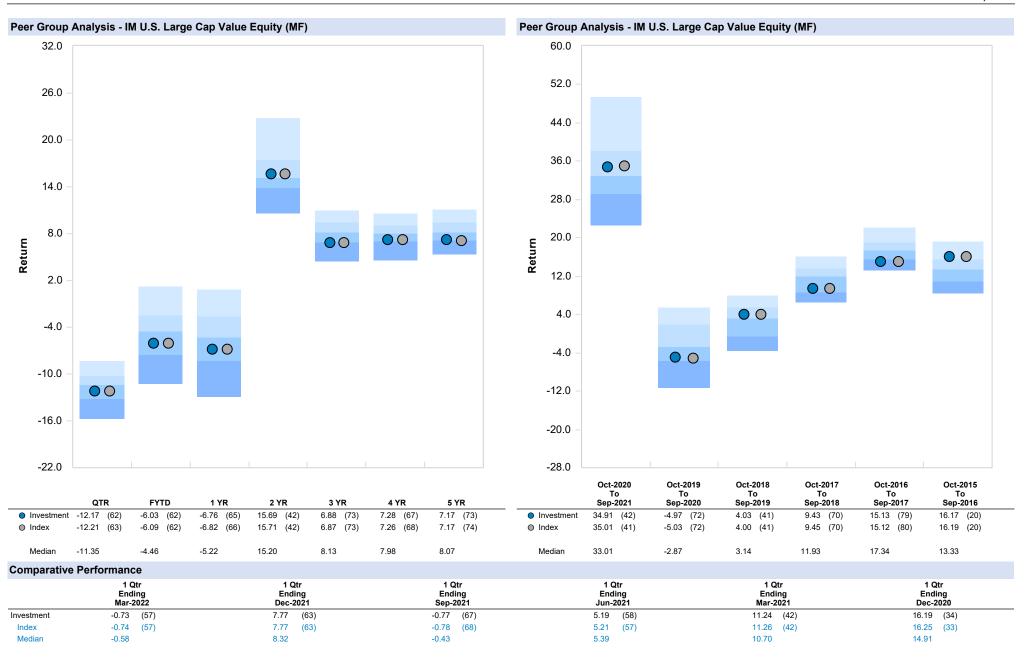
Historical Statistics 3 Years								Historical Statistics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters	
Investment	6.88	19.12	0.41	99.77	8	99.67	4	Investment	7.17	17.15	0.43	99.78	14	99.69	6	
Index	6.87	19.18	0.41	100.00	8	100.00	4	Index	7.17	17.21	0.43	100.00	14	100.00	6	



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count		Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	0 (0%)	3 (15%)	17 (85%)	0 (0%)	Investment	20	0 (0%)	8 (40%)	12 (60%)	0 (0%)
Index	20	0 (0%)	3 (15%)	17 (85%)	0 (0%)	Index	20	0 (0%)	8 (40%)	12 (60%)	0 (0%)

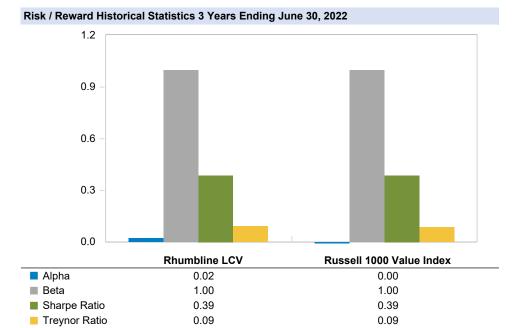


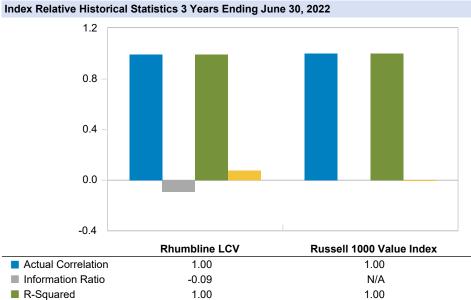
Page 48





## **Portfolio Comparison** RhumbLine LCV As of June 30, 2022

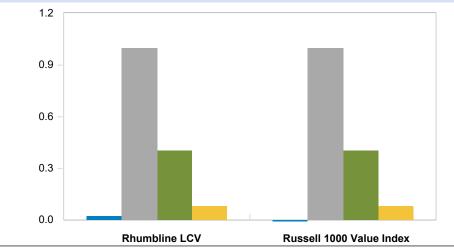




	Rhumbline LCV	Russell 1000 Value Index
Actual Correlation	1.00	1.00
Information Ratio	-0.09	N/A
R-Squared	1.00	1.00
Tracking Error	0.08	0.00

Benchmark: Russell 1000 Value Index

#### Risk / Reward Historical Statistics 5 Years Ending June 30, 2022



	Rhumbline LCV	Russell 1000 Value Index
Alpha	0.02	0.00
Beta	1.00	1.00
Sharpe Ratio	0.40	0.40
Treynor Ratio	0.08	0.08

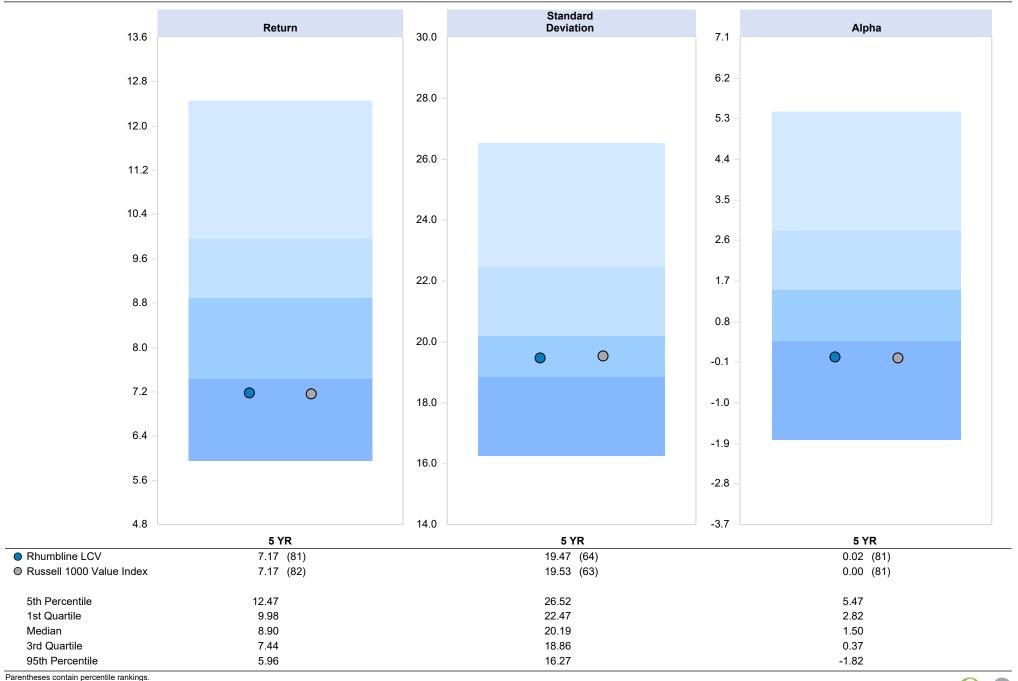
#### Index Relative Historical Statistics 5 Years Ending June 30, 2022



	Rhumbline LCV	Russell 1000 Value Index
Actual Correlation	1.00	1.00
Information Ratio	-0.08	N/A
R-Squared	1.00	1.00
Tracking Error	0.06	0.00



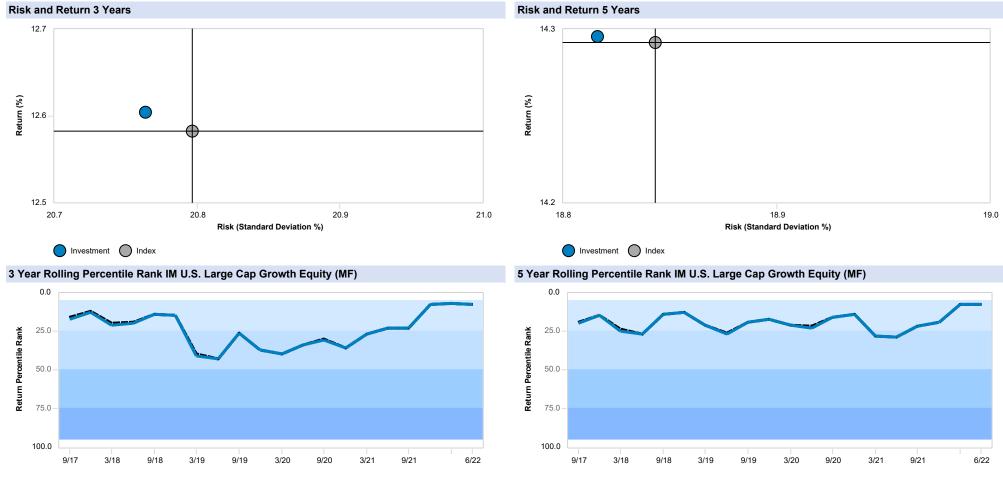
## Peer Group Analysis - Multi Statistics **Rhumbline LCV** As of June 30, 2022



Calculation based on quarterly periodicity.



Historical Statist	ics 3 Years							Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	12.60	20.76	0.65	99.92	9	99.81	3	Investment	14.30	18.82	0.75	99.90	16	99.84	4
Index	12.58	20.80	0.64	100.00	9	100.00	3	Index	14.29	18.84	0.75	100.00	16	100.00	4



	Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count		Total Period	5-25 Count	25-Median Count	Median-75 Count	75-95 Count
Investment	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)	Investment	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)
Index	20	11 (55%)	9 (45%)	0 (0%)	0 (0%)	Index	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)

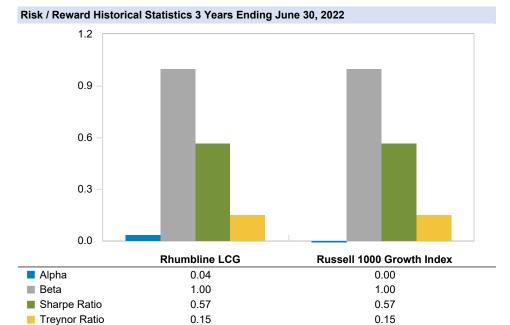


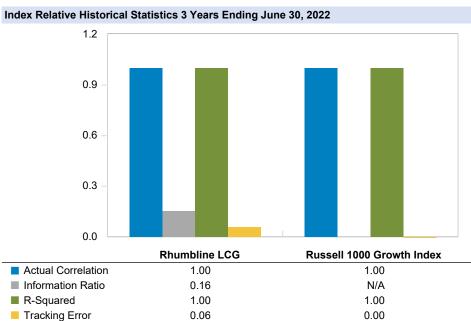
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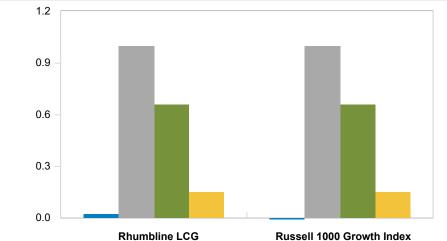


## **Portfolio Comparison** RhumbLine LCG As of June 30, 2022



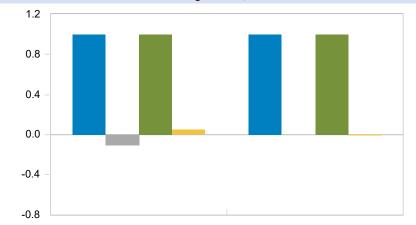


#### Risk / Reward Historical Statistics 5 Years Ending June 30, 2022



	Rhumbline LCG	Russell 1000 Growth Index
Alpha	0.02	0.00
Beta	1.00	1.00
Sharpe Ratio	0.66	0.66
Treynor Ratio	0.15	0.15

#### Index Relative Historical Statistics 5 Years Ending June 30, 2022

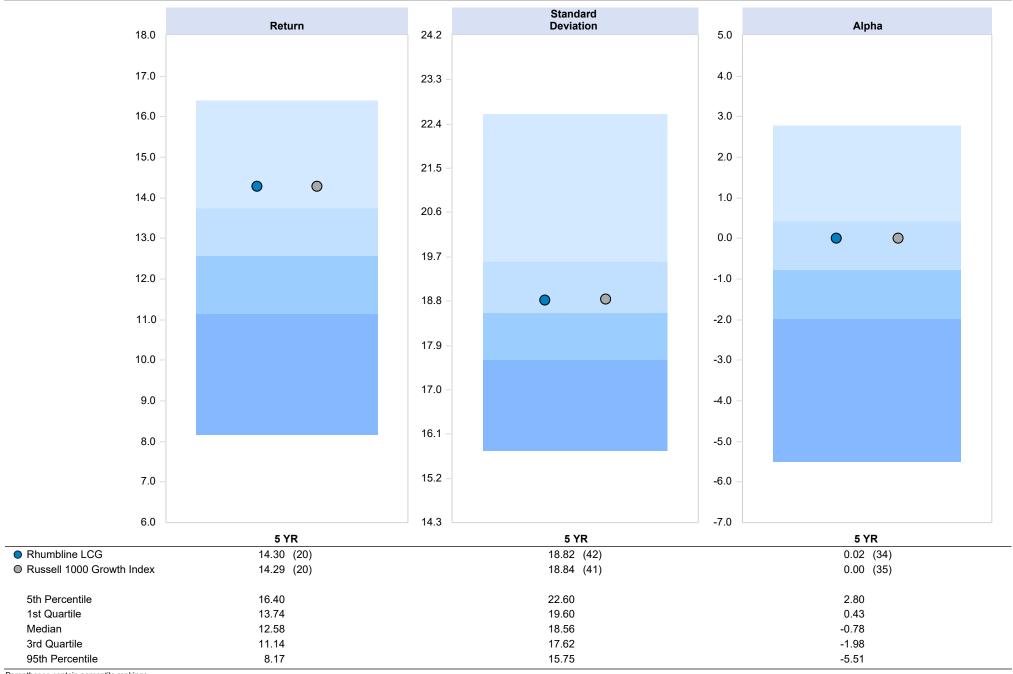


	Rhumbline LCG	Russell 1000 Growth Index
Actual Correlation	1.00	1.00
Information Ratio	-0.11	N/A
R-Squared	1.00	1.00
Tracking Error	0.05	0.00

Benchmark: Russell 1000 Growth Index



## Peer Group Analysis - Multi Statistics Rhumbline LCG As of June 30, 2022

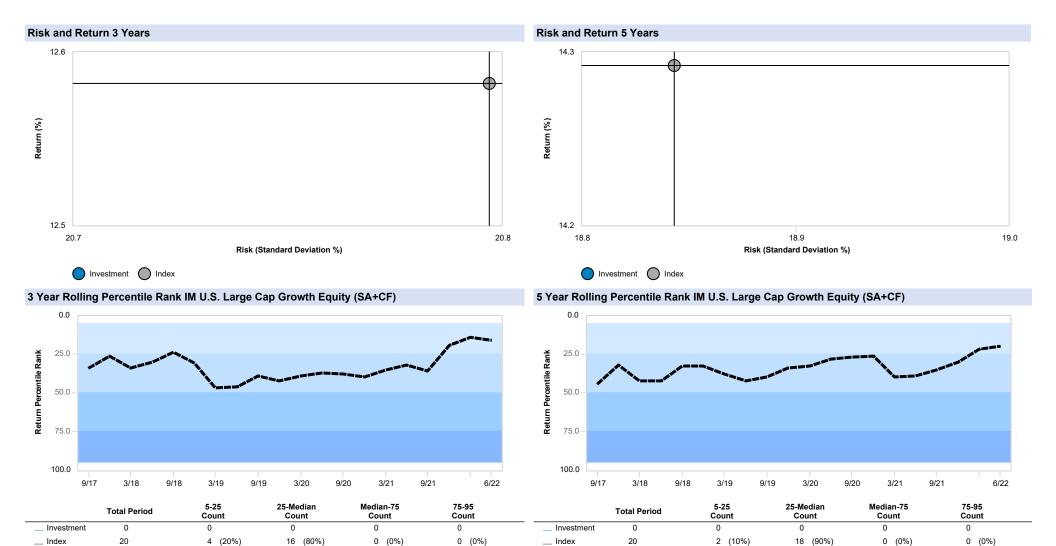


Parentheses contain percentile rankings.

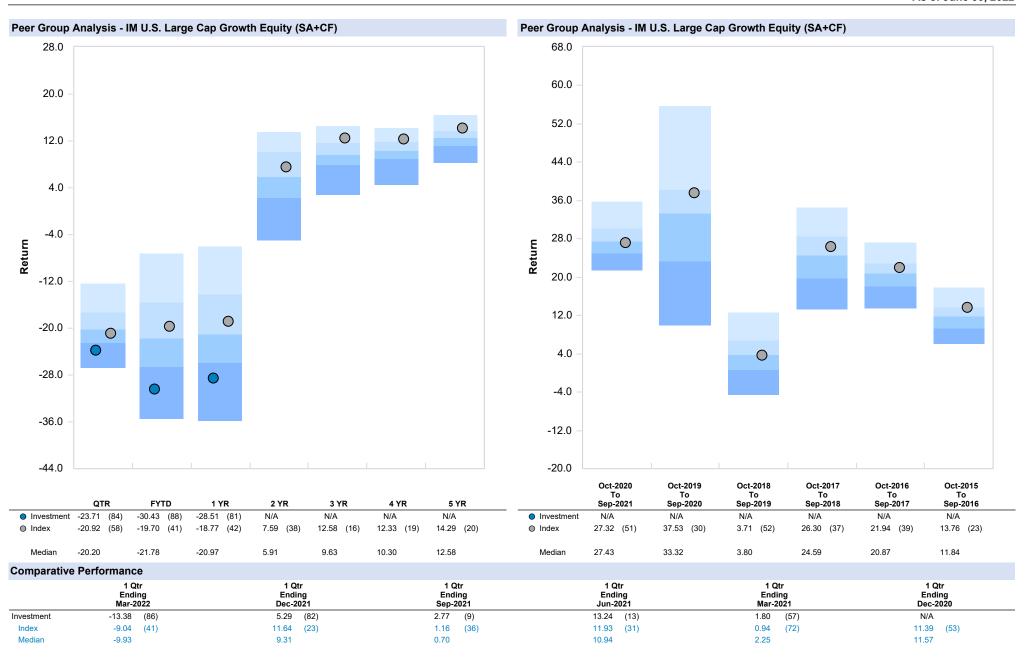
Calculation based on monthly periodicity.



Historical Statistics	s 3 Years							Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		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	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	12.58	20.80	0.64	100.00	9	100.00	3	Index	14.29	18.84	0.75	100.00	16	100.00	4

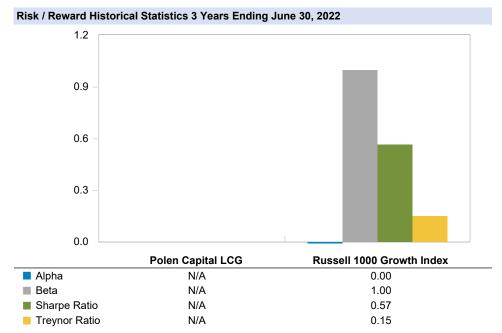


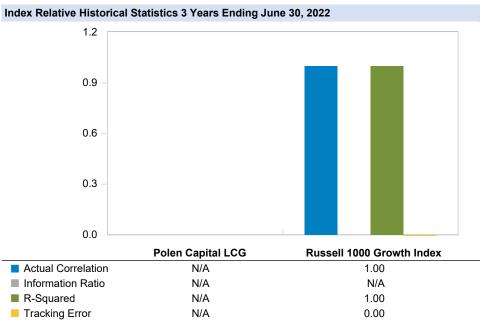




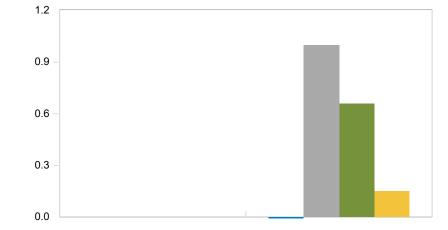


## **Portfolio Comparison** Polen LCG As of June 30, 2022



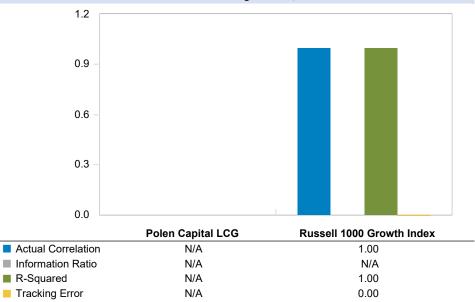






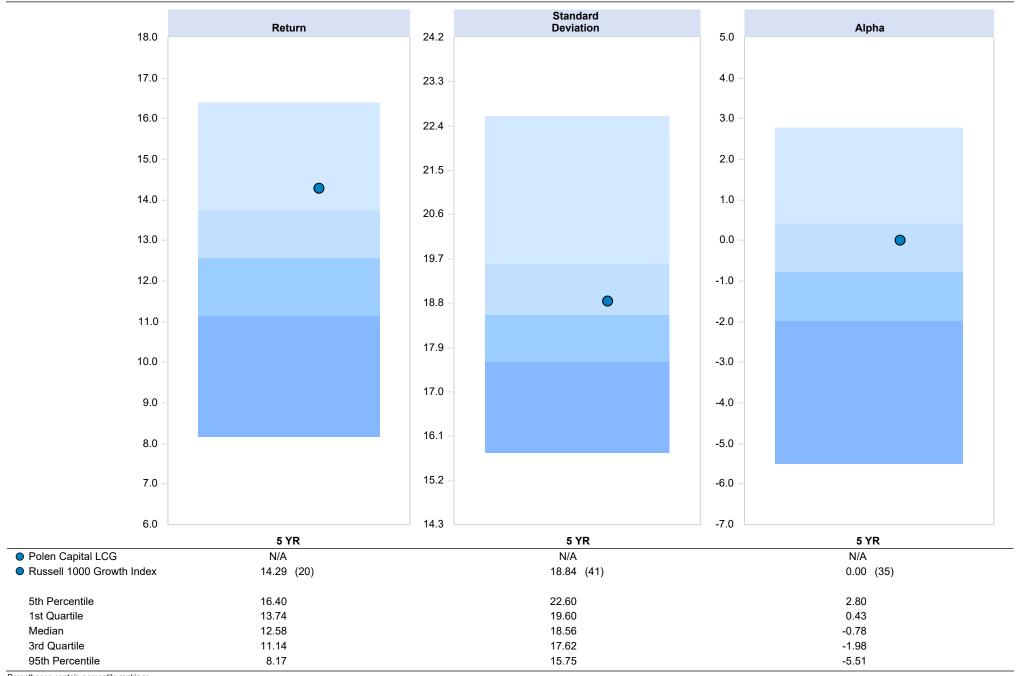
	Polen Capital LCG	Russell 1000 Growth Index
Alpha	N/A	0.00
Beta	N/A	1.00
Sharpe Ratio	N/A	0.66
Treynor Ratio	N/A	0.15

Index Relative Historical Statistics 5 Years Ending June 30, 2022



Benchmark: Russell 1000 Growth Index

## Peer Group Analysis - Multi Statistics **Polen Capital LCG** As of June 30, 2022

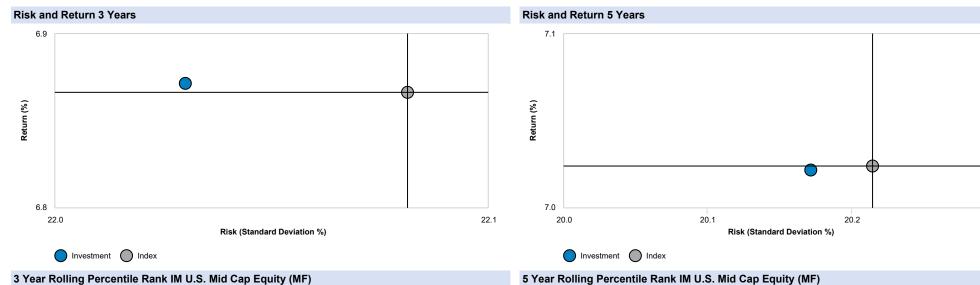


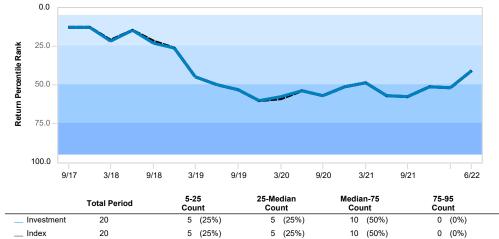
Parentheses contain percentile rankings.

Calculation based on monthly periodicity.



Historical Statistic	cs 3 Years							Historical Statis	tics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	6.87	22.03	0.39	99.80	7	99.75	5	Investment	7.02	20.17	0.38	99.82	13	99.79	7
Index	6.87	22.08	0.39	100.00	7	100.00	5	Index	7.02	20.21	0.38	100.00	13	100.00	7

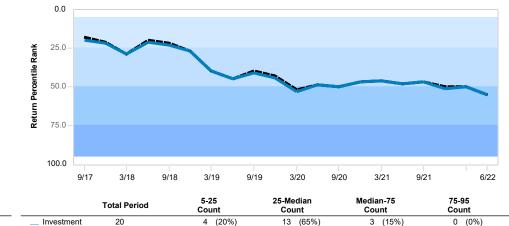




5 Year Rolling Percentile Rank IM U.S. Mid Cap Equity (MF)

20

\_\_ Index



14 (70%)

2 (10%)

4 (20%)



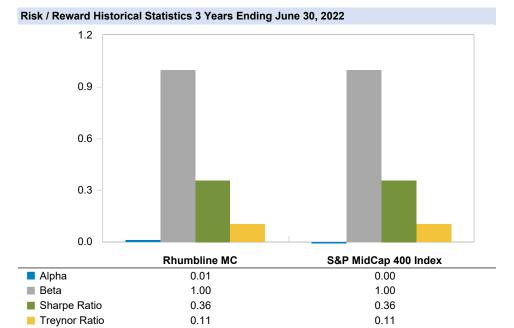
0 (0%)

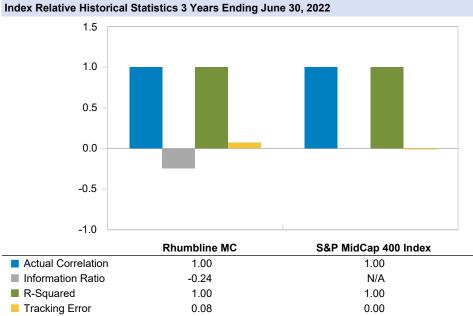
20.3



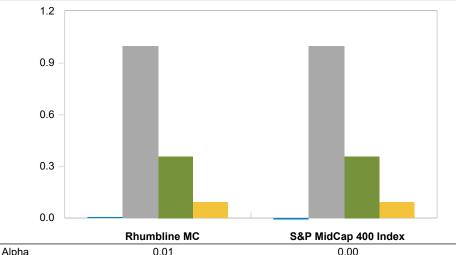


## **Portfolio Comparison RhumbLine MC** As of June 30, 2022



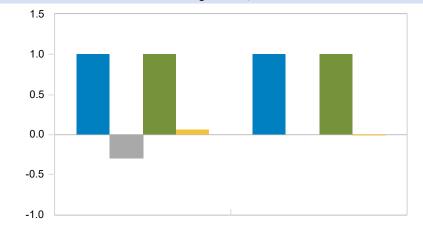


#### Risk / Reward Historical Statistics 5 Years Ending June 30, 2022



		Sor mucap 400 muex
Alpha	0.01	0.00
Beta	1.00	1.00
Sharpe Ratio	0.36	0.36
Treynor Ratio	0.09	0.09

#### Index Relative Historical Statistics 5 Years Ending June 30, 2022

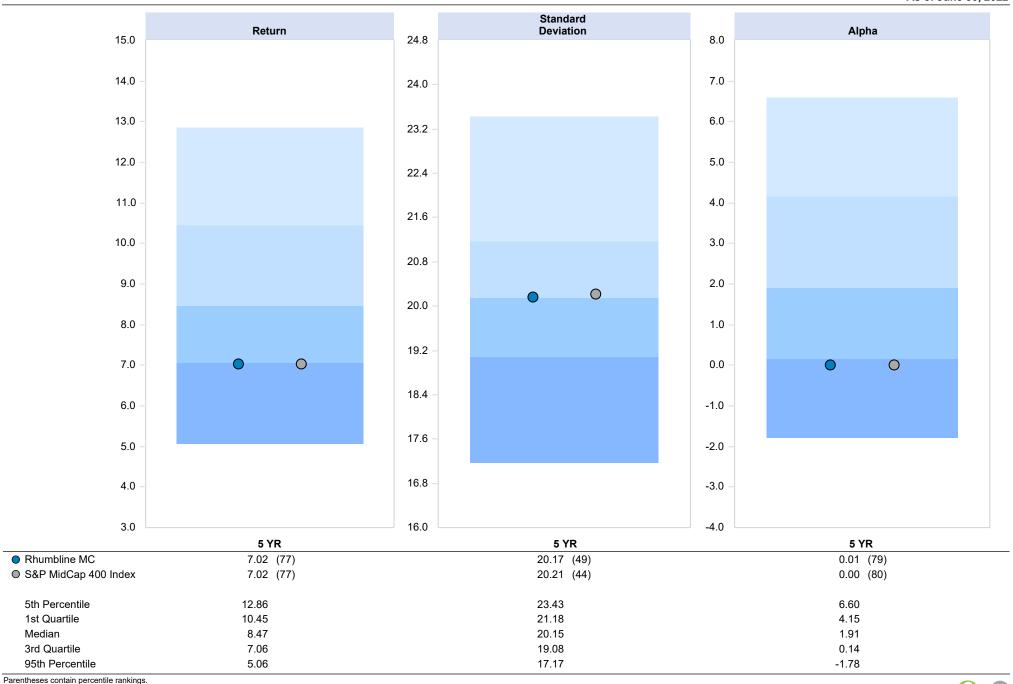


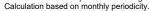
	Rhumbline MC	S&P MidCap 400 Index
Actual Correlation	1.00	1.00
Information Ratio	-0.29	N/A
R-Squared	1.00	1.00
Tracking Error	0.07	0.00

Benchmark: S&P MidCap 400 Index



## Peer Group Analysis - Multi Statistics **Rhumbline MC** As of June 30, 2022



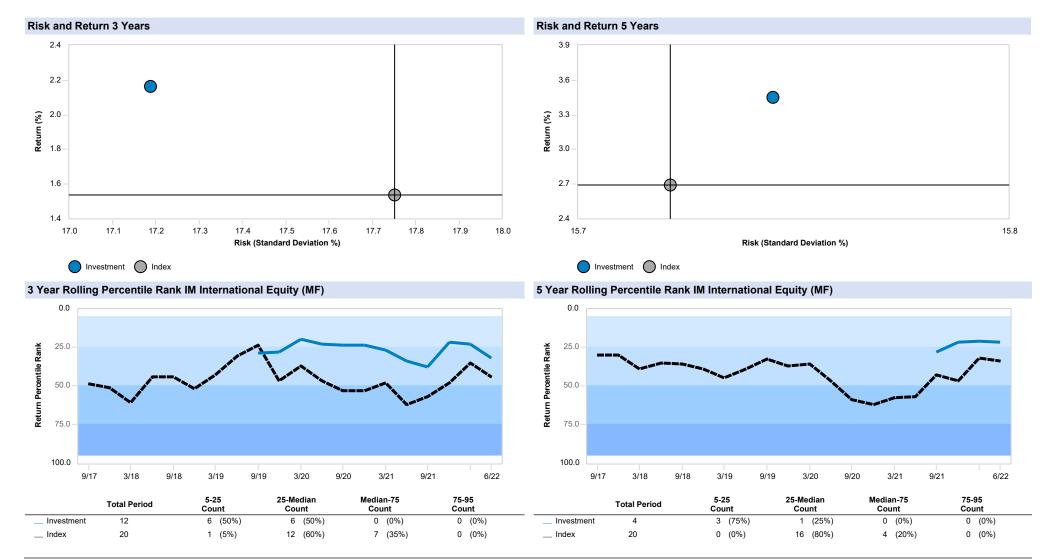




# Strategy Review Harding Loevner Intl Equity (HLIZX) | MSCI EAFE Index

As of June 30, 2022

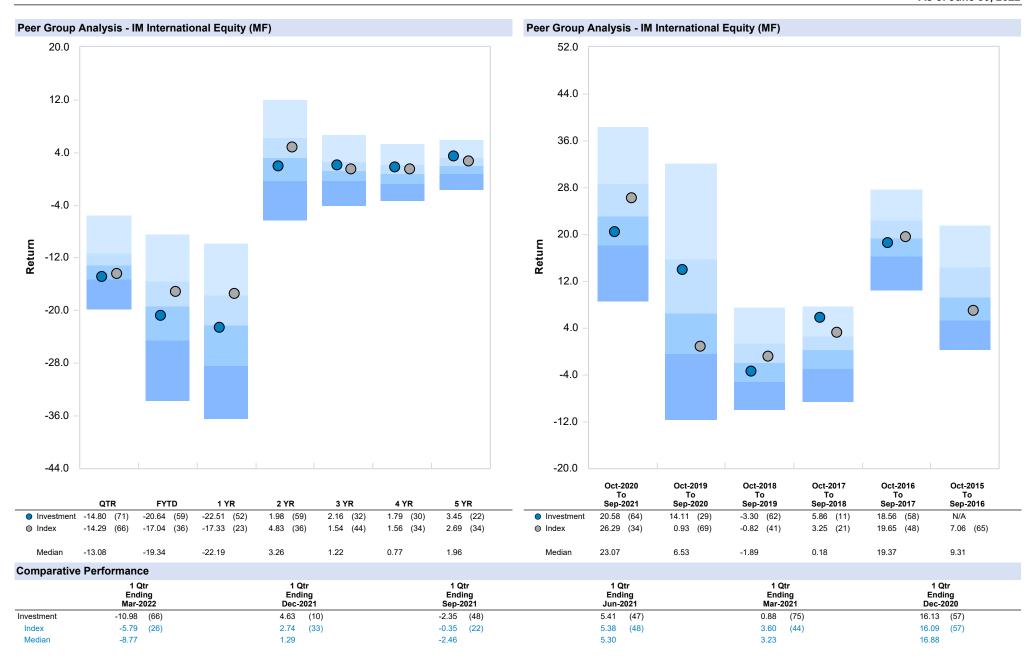
Historical Statistics 3 Years						Historical Stati	stics 5 Years								
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	2.16	17.19	0.17	100.70	7	98.49	5	Investment	3.45	15.75	0.22	101.53	13	97.97	7
Index	1.54	17.75	0.14	100.00	7	100.00	5	Index	2.69	15.72	0.18	100.00	12	100.00	8





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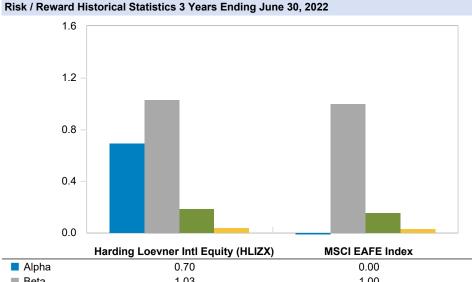
## Strategy Review Harding Loevner Intl Equity (HLIZX) | MSCI EAFE Index As of June 30, 2022



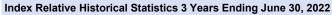


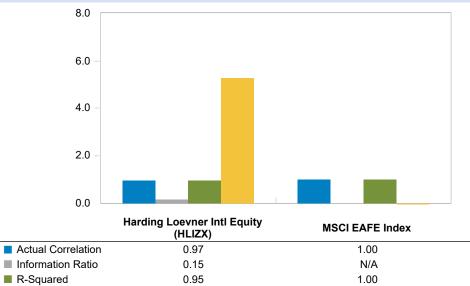
0.03

0.00



Alpha	0.70	0.00	
Beta	1.03	1.00	
Sharpe Ratio	0.18	0.15	
Treynor Ratio	0.04	0.03	

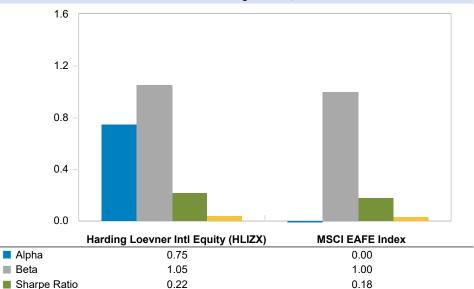




0.00

5.26

Risk / Reward Historical Statistics 5 Years Ending June 30, 2022

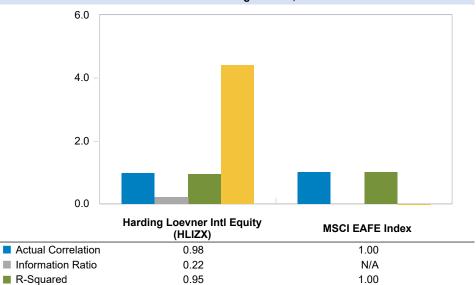


#### Index Relative Historical Statistics 5 Years Ending June 30, 2022

0.04

Treynor Ratio

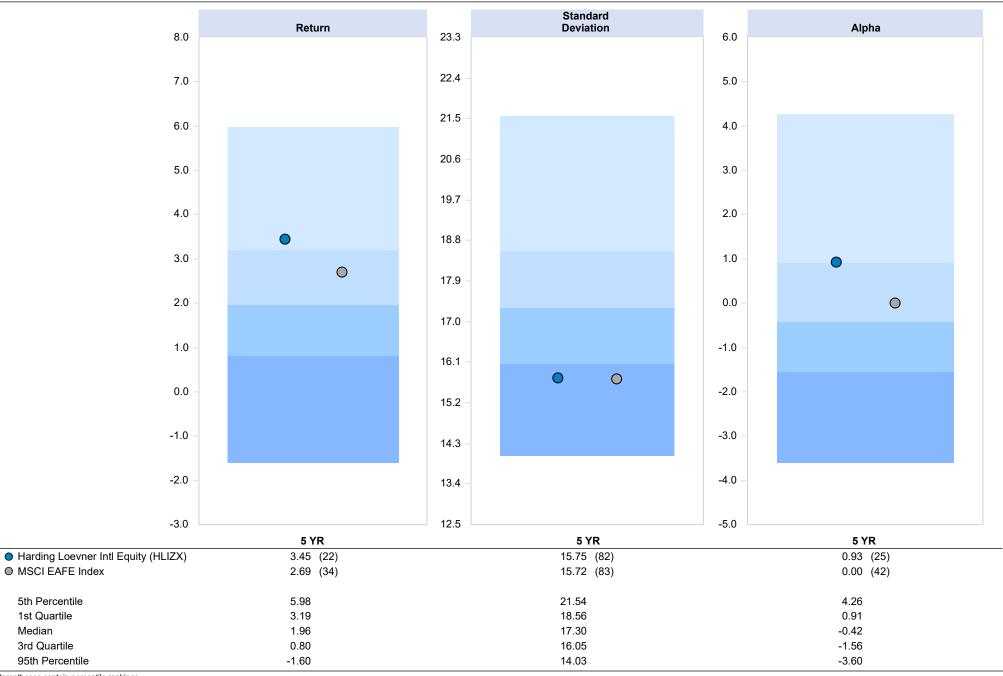
Tracking Error



4.41

Tracking Error

Benchmark: MSCI EAFE Index



Parentheses contain percentile rankings.

5th Percentile

1st Quartile

3rd Quartile

Median

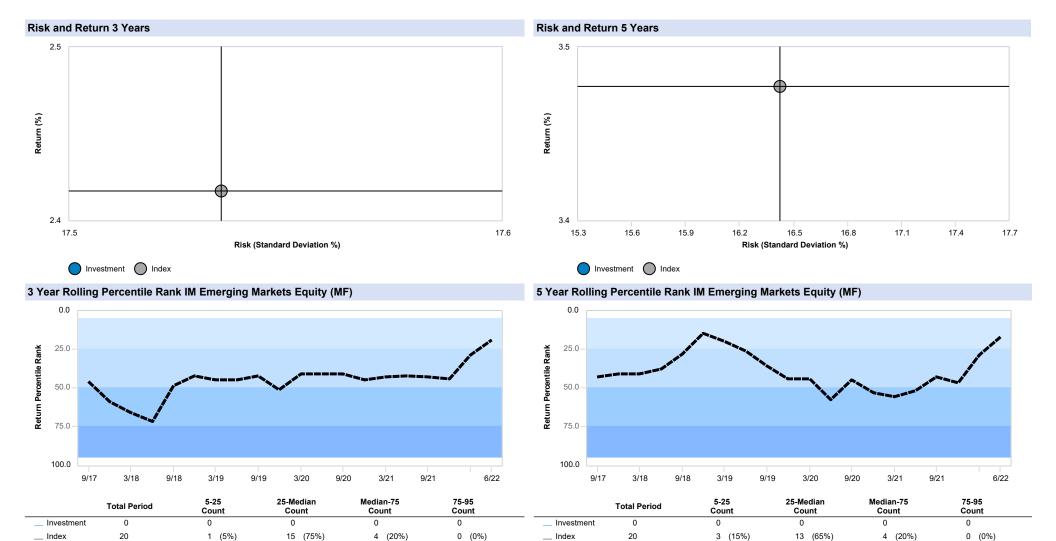
Calculation based on monthly periodicity.



Strategy Review Vanguard EM Index (VEMIX) | FTSE Emerging Mkts All Cap China A Inclusion Index

As of June 30, 2022

Historical Statistic	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		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	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	2.42	17.54	0.19	100.00	6	100.00	6	Index	3.48	16.43	0.22	100.00	11	100.00	9

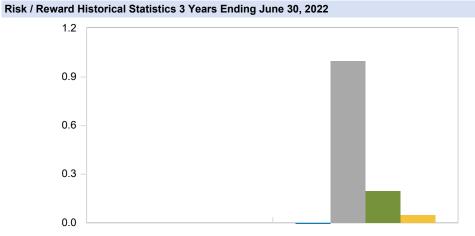


## Strategy Review Vanguard EM Index (VEMIX) | FTSE Emerging Mkts All Cap China A Inclusion Index As of June 30, 2022

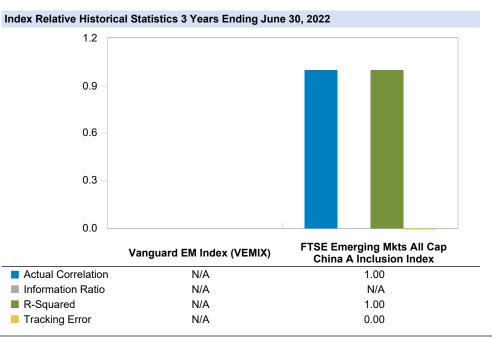




## Portfolio Comparison Vanguard EM As of June 30, 2022



	Vanguard EM Index (VEMIX)	FTSE Emerging Mkts All Cap China A Inclusion Index
Alpha	N/A	0.00
Beta	N/A	1.00
Sharpe Ratio	N/A	0.20
Treynor Ratio	N/A	0.05



#### Risk / Reward Historical Statistics 5 Years Ending June 30, 2022



	Vanguard EM Index (VEMIX)	FTSE Emerging Mkts All Cap China A Inclusion Index
Alpha	N/A	0.00
Beta	N/A	1.00
Sharpe Ratio	N/A	0.22
Treynor Ratio	N/A	0.04

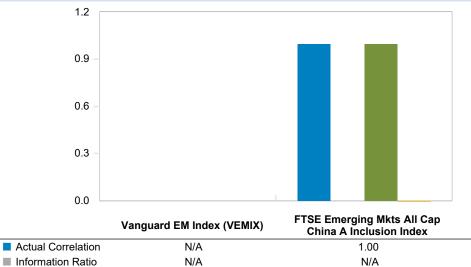
#### Index Relative Historical Statistics 5 Years Ending June 30, 2022

N/A

N/A

R-Squared

Tracking Error



1.00

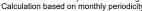
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Benchmark: FTSE Emerging Mkts All Cap China A Inclusion Index

Peer Group Analysis - Multi Statistics Vanguard EM Index (VEMIX) As of June 30, 2022

					As of sufferences, a
	<b>P</b> /		Standard Deviation		
7.0	Return	23.2	Deviation	4.0	Alpha
6.0 –		22.5 -		3.0 -	
		04.0			
5.0 –		21.8 -		2.0 -	
		21.1 -			
4.0 -				1.0 -	
	0				
	<b>U</b>	20.4 -			
3.0 –				0.0 -	0
		19.7 –			
		19.7 -			
2.0 –				-1.0 -	
		19.0 -			
10				2.0	
1.0 -				-2.0 –	
		18.3 –			
0.0 –				-3.0 -	
0.0 -		17.6 -		-3.0 -	
		17.0			
-1.0 -				-4.0 -	
		16.9 -			
-2.0 –			$\circ$	-5.0 -	
		16.2 –			
-3.0 –		15.5 –		-6.0 -	
-4.0		14.8		-7.0	
	5 YR		5 YR		5 YR
Vanguard EM Index (VEMIX)	N/A		N/A		N/A
FTSE Emerging Mkts All Cap China A Inclusion Index	3.48 (17)		16.43 (90)		0.00 (19)
	5.00		04.04		0.11
5th Percentile	5.32 2.80		21.64		2.14
1st Quartile			18.98		-0.52
Median 3rd Quartile	1.56		17.86		-1.83
95th Percentile	0.19 -2.51		17.21 16.22		-3.07 -5.62
	-2.31		10.22		-3.02

Parentheses contain percentile rankings. Calculation based on monthly periodicity.

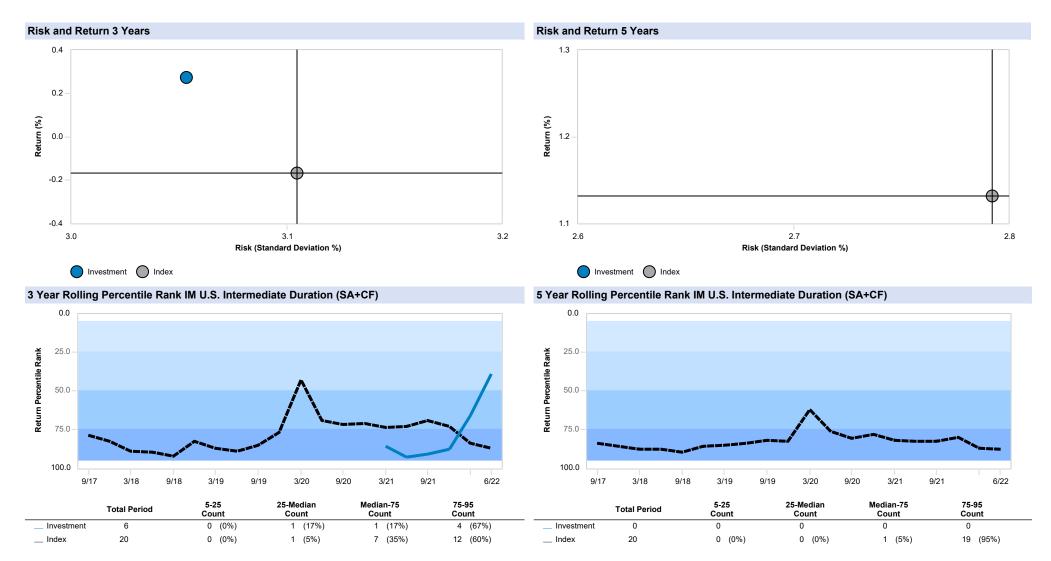




# Strategy Review Garcia Hamilton Fixed Income | Bloomberg Intermediate US Govt/Credit Idx

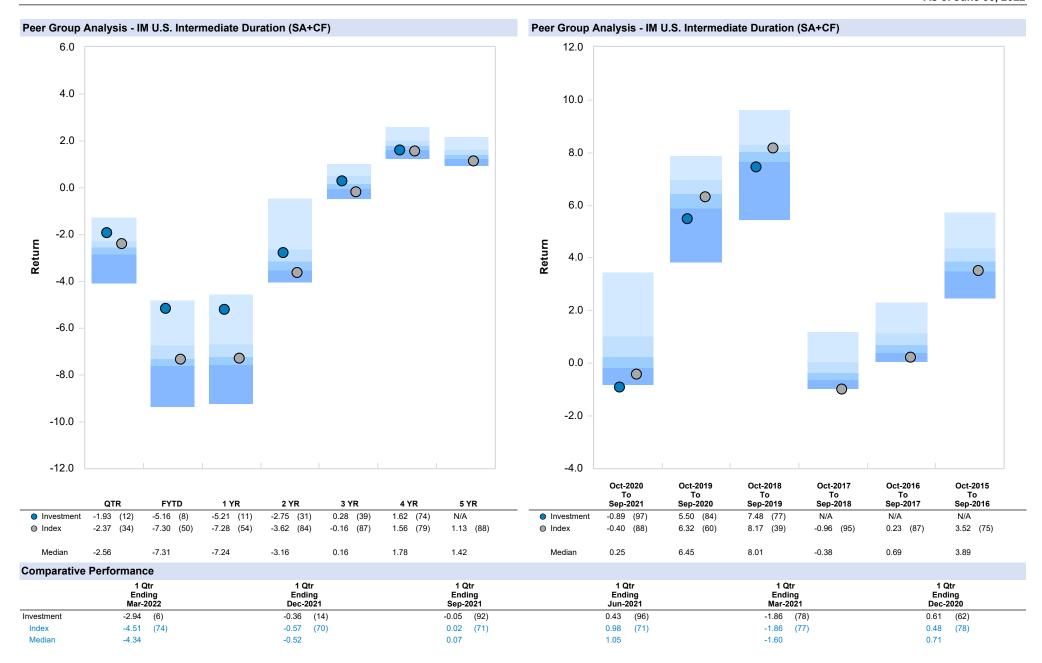
As of June 30, 2022

Historical Statistic	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	0.28	3.05	-0.10	99.38	7	88.68	5	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	-0.16	3.10	-0.24	100.00	8	100.00	4	Index	1.13	2.79	0.02	100.00	14	100.00	6



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#### Strategy Review Garcia Hamilton Fixed Income | Bloomberg Intermediate US Govt/Credit Idx As of June 30, 2022

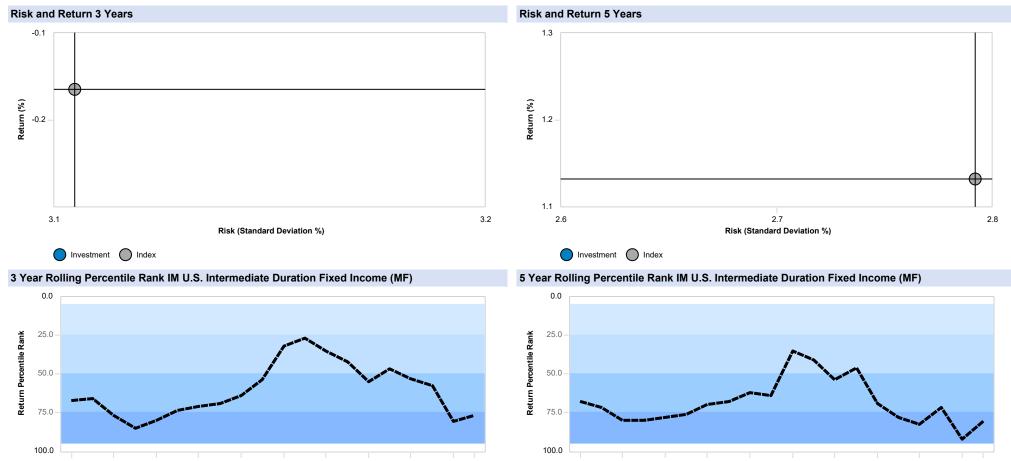




# Strategy Review Baird Inter Bond Fund (BIMIX) | Bloomberg Intermediate US Govt/Credit Idx

As of June 30, 2022

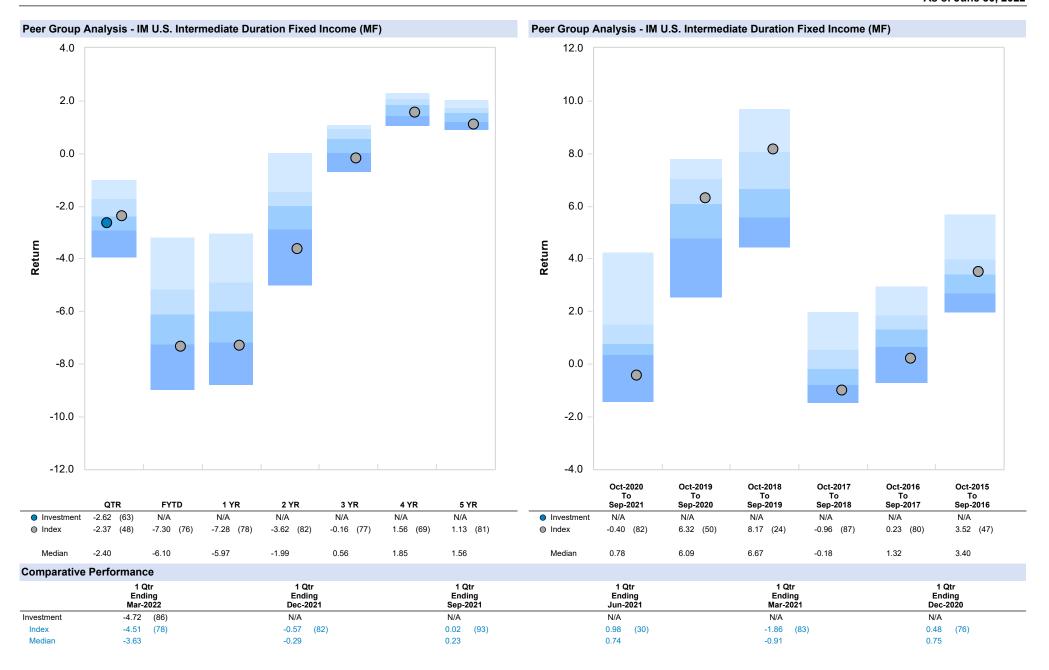
Historical Statistic	s 3 Years							Historical Statis	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	-0.16	3.10	-0.24	100.00	8	100.00	4	Index	1.13	2.79	0.02	100.00	14	100.00	6



9/17	7 3/18	9/18	3/19	9/19	3/20	9/20	3/21	9/21	6/22	9	9/17	3/18	9/18	3/19	9/19	3/20	9/20	3/21	9/21	6/22
	Total Period		5-25 Count		25-Median Count		Median-75 Count		75-95 Count		т	otal Period		5-25 Count		25-Median Count		Median-75 Count		75-95 Count
Investment	0		0		0		0		0	Investment	t	0		0		0		0		0
Index	20		0 (0%)		5 (25%)		10 (50%)		5 (25%)	Index		20		0 (0%)		3 (15%	)	9 (45%)		8 (40%)



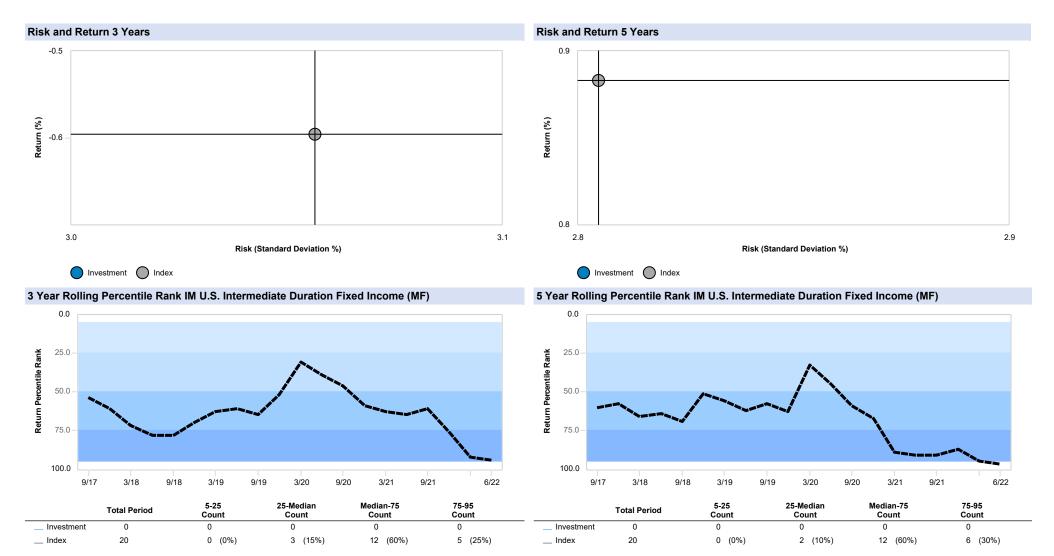
#### Strategy Review Baird Inter Bond Fund (BIMIX) | Bloomberg Intermediate US Govt/Credit Idx As of June 30, 2022





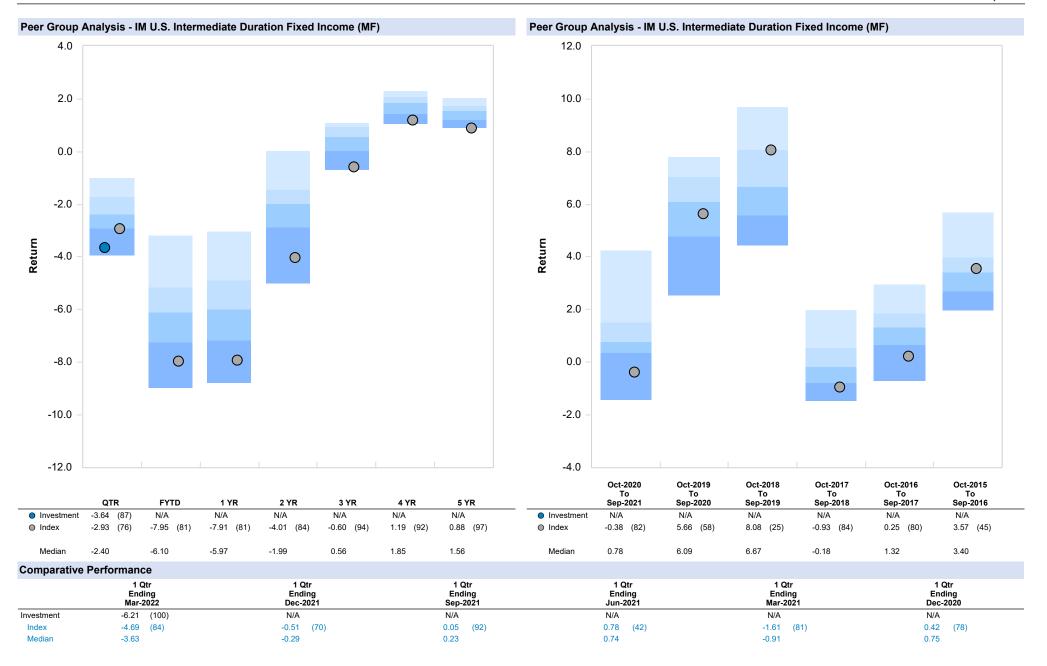
### Strategy Review Western Asset Inter Bond (WABSX) | Bloomberg Intermed Aggregate Index As of June 30, 2022

Historical Statistic	s 3 Years							Historical Stati	stics 5 Years						
	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters		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	Investment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Index	-0.60	3.06	-0.39	100.00	8	100.00	4	Index	0.88	2.80	-0.07	100.00	14	100.00	6





#### Strategy Review Western Asset Inter Bond (WABSX) | Bloomberg Intermed Aggregate Index As of June 30, 2022





#### Strategy Review JPMorgan Income Builder Fund (JNBZX) | 50% MSCI World Value/ 50% BBA As of June 30, 2022





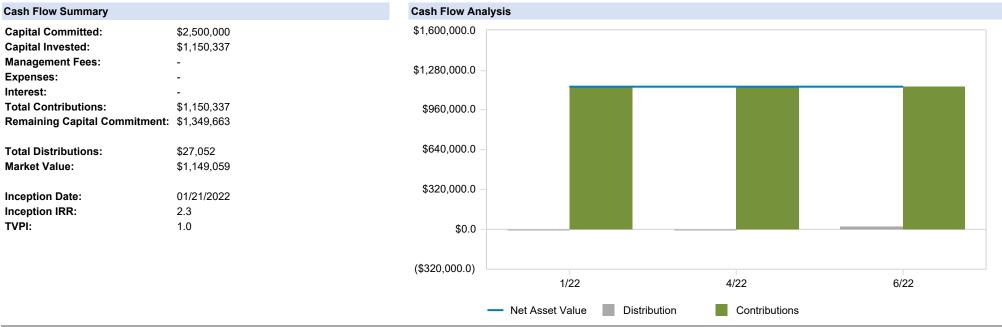
#### Strategy Review Blackrock Multi-Asset Income (BKMIX) | 50% MSCI World Value/ 50% BBA As of June 30, 2022





Fund Information			
Type of Fund:	Direct	Vintage Year:	2021
Strategy Type:	Other	Management Fee:	1.0%
Size of Fund:	1,500,000	Preferred Return:	7.0%
Inception:	11/29/2021	General Partner:	Deerpath Capital GenPar VI, LLC
Final Close:	TBD	Number of Funds:	
Investment Strategy:	5	loans, mezzanine loan	lirect origination of loans to lower middle market companies owned by private equity s and other forms of junior debt. Typical borrower size is from \$50 million to \$100

million of Enterprise Value and typical loan sizes are \$20 million to \$50 million. We also may purchase loan interests in the primary and secondary markets, but they need to meet our standards for credit quality and return. We expect to deploy the Fund's capital over a two-year period. Thereafter, we will recycle exit proceeds as portfolio loans repay into new loans until the end of the Investment Period. We expect the average holding period on our portfolio loans to be approximately 2 to 2.5 years, which is consistent with our experience in our first five funds. We are flexible on the portfolio company's industry and geographic location within the U.S. but limit our investing to companies with a long operating history (typical operating history for a portfolio company is over 15 years) and a proven level of earnings power.





Financial Reconciliation Quarter to Date	•								
	Market Value 01/01/2022	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 03/31/2022
Total Equity	141,892,499	-2,940,644	-	-	-90,574	-7,862	475,176	-6,163,684	133,164,911
Total Domestic Equity	124,165,331	-2,940,644	-	-	-90,574	-7,862	453,398	-4,582,601	116,997,047
Newton LCV	33,237,446	-	-	-	-60,983	-3,736	185,691	1,346,723	34,705,141
Rhumbline LCV	22,296,485	-597,833	-	-	-2,167	-767	111,442	-293,126	21,514,034
Rhumbline LCG	22,022,490	-1,748,833	-	-	-2,167	-706	36,372	-2,051,829	18,255,327
Polen Capital LCG	14,702,725	-	-	-	-22,235	-1,654	11,246	-1,977,999	12,712,083
Vanguard Total Stock Mkt (VTSAX)	993,567	-597,000	-	-	-	-	3,050	3,167	402,785
Rhumbline MC	30,912,616	3,022	-	-	-3,022	-999	105,597	-1,609,537	29,407,677
Total International Equity	17,727,169	-	-	-	-	-	21,779	-1,581,083	16,167,864
Vanguard EM Index (VEMIX)	8,171,657	-	-	-	-	-	21,779	-532,075	7,661,362
Harding Loevner Intl Equity (HLIZX)	9,555,511	-	-	-	-	-	-	-1,049,008	8,506,503
Total Fixed Income	27,272,280	-	-	-	-12,137	-2,094	123,981	-1,153,483	26,228,548
Garcia Hamilton Fixed Income	18,268,580	-	-	-	-12,137	-2,094	87,702	-625,082	17,716,968
Baird Inter Bond Fund (BIMIX)	4,497,643	-	-	-	-	-	15,448	-227,744	4,285,346
Western Asset Inter Bond (WABSX)	4,506,058	-	-	-	-	-	20,832	-300,657	4,226,233
Total Real Return Composite	14,679,051	-	-	-	-	-	139,241	-757,361	14,060,931
JPMorgan Income Builder Fund (JNBZX)	7,408,606	-	-	-	-	-	68,961	-391,643	7,085,924
Blackrock Multi-Asset Income (BKMIX)	7,270,445	-	-	-	-	-	70,280	-365,718	6,975,007
Total Alternatives	-	1,150,337	-	-	-	-	-	-	1,150,337
Deerpath Capital Advantage VI	-	1,150,337	-	-	-	-	-	-	1,150,337
Deerpath Capital VI, LP	-	-	-	-	-	-	-	-	-
Cash Accounts									
R&D Cash	756,203	1,790,307	272,827	-2,027,033	-	-38,505	4	-	753,802
Total Fund	184,600,034	-	272,827	-2,027,033	-102,711	-48,462	738,403	-8,074,529	175,358,528



## Delray Beach General Fee Analysis As of June 30, 2022

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Newton LCV	0.50	28,716,925	143,585	0.50 % of First \$50 M 0.40 % Thereafter
Rhumbline LCV	0.04	18,894,941	7,558	0.04 % of Assets
Rhumbline LCG	0.04	14,438,894	5,776	0.04 % of Assets
Polen Capital LCG	0.60	9,679,811	58,079	0.60 % of Assets
Rhumbline MC	0.04	24,881,622	9,953	0.04 % of Assets
Total Domestic Equity Composite	0.23	96,612,193	224,950	
Harding Loevner Intl Equity (HLIZX)	0.73	7,247,693	52,908	0.73 % of Assets
Vanguard EM Index (VEMIX)	0.11	6,958,012	7,654	0.11 % of Assets
Total International Equity Composite	0.43	14,205,705	60,562	
Total Equity Composite	0.26	110,817,898	285,512	
Garcia Hamilton Fixed Income	0.20	17,363,368	34,727	0.20 % of First \$50 M 0.18 % Thereafter
Baird Inter Bond Fund (BIMIX)	0.30	4,172,889	12,519	0.30 % of Assets
Western Asset Inter Bond (WABSX)	0.44	4,072,407	17,919	0.44 % of Assets
Total Fixed Income Composite	0.25	25,608,664	65,164	
JPMorgan Income Builder Fund (JNBZX)	0.52	6,111,037	31,777	0.52 % of Assets
Blackrock Multi-Asset Income (BKMIX)	0.59	6,056,048	35,731	0.59 % of Assets
Total Real Return Composite	0.55	12,167,085	67,508	
	1.00	4 440 050	44 404	1.00 % of Assets
Deerpath Capital Advantage VI	1.00	1,149,059	11,491	
Deerpath Capital VI, LP	1.00	1,819,672	18,197	1.00 % of Assets
Total Alternatives	1.00	2,968,731	29,687	
Total Fund	0.29	152,379,168	447,871	



## Benchmark History Investment Policy Benchmarks As of June 30, 2022

Ilocation Mandate	Weight (%)	Allocation Mandate	Weight (%)
oct-1990	<b>U</b> = ()	Jul-2003	J · (·-/
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
			00100
ul-1999		Apr-2007	
Imbg. U.S. Gov't/Credit	46.00	BImbg. 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			
S&P 500 Index	50.70	Jul-2009	
Blmbg. 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
&P 500 Index	49.93	S&P 500 Value	12.25
	49.93	S&P MidCap 400 Index	6.00
Blmbg. U.S. Gov't/Credit	6.52	Oct-2009	
	0.32	Blmbg. U.S. Aggregate Index	45.00
pr-2000		Russell 1000 Value Index	43.00 24.50
&P 500 Index	53.18	Russell 1000 Growth Index	24.50
Blmbg. U.S. Gov't/Credit	42.58	S&P MidCap 400 Index	6.00
TSE 3 Month T-Bill	4.24		0.00
		Jul-2011	
ul-2000		Blmbg. U.S. Aggregate Index	45.00
S&P 500 Index	53.24	Russell 1000 Value Index	22.00
Blmbg. 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	54.40	MSCI Emerging Markets (Net) Index	2.50
S&P 500 Index	51.18		
Blmbg. U.S. Gov't/Credit	43.03	Jan-2012	
TSE 3 Month T-Bill	5.79	Blmbg. U.S. Aggregate Index	39.00
an-2001		Russell 1000 Value Index	22.00
S&P 500 Index	51.44	Russell 1000 Growth Index	22.00
Blmbg. U.S. Gov't/Credit	43.95	Bloomberg Intermediate US Govt/Credit Idx	6.00
TSE 3 Month T-Bill	4.61	S&P MidCap 400 Index	6.00
	T.01	MSCI EAFE (Net) Index	2.50
pr-2001		MSCI Emerging Markets (Net) Index	2.50
&P 500 Index	50.00		
81mbg. U.S. Gov't/Credit	50.00		



		As of Ju
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 Comp	osition			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	Ĵ	
		Russell 1000 Growth Index	26.50		
Apr-2007		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	1 0040	
S&P 500 Value	44.50	MSCI Emerging Markets (Net) Index	6.50	Jan-2012	07.00
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	Apr 2020		Jan-2013	
Russell 1000 Value Index	22.25	Apr-2020 Russell 1000 Value Index	28.00	Blmbg. U.S. Aggregate Index	85.00
S&P 500 Value	22.25	Russell 1000 Growth Index	28.00	Bloomberg Intermediate US Govt/Credit Idx	15.00
S&P MidCap 400 Index	11.00	S&P MidCap 400 Index	28.00	5	
		Russell 2500 Index	24.00 6.00	Apr-2014	
Oct-2009		MSCI EAFE (Net) Index	7.00	Bloomberg Intermediate US Govt/Credit Idx	43.00
Russell 1000 Value Index	44.50	MSCI Emerging Markets (Net) Index	7.00	Blmbg. U.S. Aggregate Index	38.00
Russell 1000 Growth Index	44.50	MOOT Emerging Markets (Net) muex	7.00	ICE BofAML All Convertibles ex Mandatory	19.00
S&P MidCap 400 Index	11.00			0 / 00/0	
				Oct-2016	55.00
Jul-2011	40.00			Bloomberg Intermediate US Govt/Credit Idx	55.00
Russell 1000 Value Index	40.00			BImbg. U.S. Aggregate Index	45.00
Russell 1000 Growth Index	40.00			Mar-2018	
S&P MidCap 400 Index	11.00			Bloomberg Intermediate US Govt/Credit Idx	100.00
MSCI EAFE (Net) Index	4.50			Blmbg. U.S. Aggregate Index	0.00
MSCI Emerging Markets (Net) Index	4.50				0.00
Jan-2013				Apr-2020	
Russell 1000 Value Index	33.30			Bloomberg Intermediate US Govt/Credit Idx	100.00
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.

AndCo compiled this report for the sole use of the client for which it was prepared. AndCo is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. AndCo uses the results from this evaluation to make observations and recommendations to the client.

AndCo uses time-weighted calculations which are founded on standards recommended by the CFA Institute. The calculations and values shown are based on information that is received from custodians. AndCo analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides AndCo with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides AndCo with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause AndCo to believe that the information presented is significantly misstated.

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The strategies listed may not be suitable for all investors. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. Past performance is not an indication of future performance. Any information contained in this report is for informational purposes only and should not be construed to be an offer to buy or sell any securities, investment consulting, or investment management services.

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